

Table 1: 71-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(71; \emptyset)$	1
2	$\mathcal{O}(36; \emptyset)$	4722366482869645213695
2	$\mathcal{O}(35; \{2^4\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^8\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{12}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{16}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{20}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{24}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{28}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{32}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{36}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{40}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{44}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{48}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{52}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{56}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{60}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{64}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{68}\})$	274877906944
2	$\mathcal{O}(18; \{2^{72}\})$	68719476736
2	$\mathcal{O}(17; \{2^{76}\})$	17179869184
2	$\mathcal{O}(16; \{2^{80}\})$	4294967296
2	$\mathcal{O}(15; \{2^{84}\})$	1073741824
2	$\mathcal{O}(14; \{2^{88}\})$	268435456
2	$\mathcal{O}(13; \{2^{92}\})$	67108864
2	$\mathcal{O}(12; \{2^{96}\})$	16777216
2	$\mathcal{O}(11; \{2^{100}\})$	4194304
2	$\mathcal{O}(10; \{2^{104}\})$	1048576
2	$\mathcal{O}(9; \{2^{108}\})$	262144
2	$\mathcal{O}(8; \{2^{112}\})$	65536
2	$\mathcal{O}(7; \{2^{116}\})$	16384
2	$\mathcal{O}(6; \{2^{120}\})$	4096
2	$\mathcal{O}(5; \{2^{124}\})$	1024
2	$\mathcal{O}(4; \{2^{128}\})$	256
2	$\mathcal{O}(3; \{2^{132}\})$	64
2	$\mathcal{O}(2; \{2^{136}\})$	16
2	$\mathcal{O}(1; \{2^{140}\})$	4
2	$\mathcal{O}(0; \{2^{144}\})$	1
3	$\mathcal{O}(23; \{3^4\})$	53177628717915006575574
3	$\mathcal{O}(22; \{3^7\})$	41360377891711671781002
3	$\mathcal{O}(21; \{3^{10}\})$	37421294282977226849478
3	$\mathcal{O}(20; \{3^{13}\})$	33190426703225415626730

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(19; \{3^{16}\})$	29510706624284185176294
3	$\mathcal{O}(18; \{3^{19}\})$	26230838653774160384202
3	$\mathcal{O}(17; \{3^{22}\})$	23316401088667229452038
3	$\mathcal{O}(16; \{3^{25}\})$	20725678738471959735210
3	$\mathcal{O}(15; \{3^{28}\})$	18422826780655201221414
3	$\mathcal{O}(14; \{3^{31}\})$	16375845889988313022602
3	$\mathcal{O}(13; \{3^{34}\})$	14556307473018584323398
3	$\mathcal{O}(12; \{3^{37}\})$	12938939974321942179690
3	$\mathcal{O}(11; \{3^{40}\})$	11501279977363346072934
3	$\mathcal{O}(10; \{3^{43}\})$	10223359979857609136202
3	$\mathcal{O}(9; \{3^{46}\})$	9087431093209088199558
3	$\mathcal{O}(8; \{3^{49}\})$	8077716527296709008170
3	$\mathcal{O}(7; \{3^{52}\})$	7180192468708214482854
3	$\mathcal{O}(6; \{3^{55}\})$	6382393305518409685002
3	$\mathcal{O}(5; \{3^{58}\})$	5673238493794142296518
3	$\mathcal{O}(4; \{3^{61}\})$	5042878661150348668650
3	$\mathcal{O}(3; \{3^{64}\})$	4482558809911421043174
3	$\mathcal{O}(2; \{3^{67}\})$	3984496719921263149002
3	$\mathcal{O}(1; \{3^{70}\})$	3541774862152233910278
3	$\mathcal{O}(0; \{3^{73}\})$	3148244321913096809130
4	$\mathcal{O}(18; \{2^2\})$	4722366482800925736960
4	$\mathcal{O}(17; \{2^6\})$	295147905162172956672
4	$\mathcal{O}(17; \{2^3, 4^2\})$	590295810358705651712
4	$\mathcal{O}(17; \{4^4\})$	2361183241434822606848
4	$\mathcal{O}(16; \{2^{10}\})$	18446744069414584320
4	$\mathcal{O}(16; \{2^7, 4^2\})$	36893488147419103232
4	$\mathcal{O}(16; \{2^4, 4^4\})$	147573952589676412928
4	$\mathcal{O}(16; \{2, 4^6\})$	590295810358705651712
4	$\mathcal{O}(15; \{2^{14}\})$	1152921503533105152
4	$\mathcal{O}(15; \{2^{11}, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2^8, 4^4\})$	9223372036854775808
4	$\mathcal{O}(15; \{2^5, 4^6\})$	36893488147419103232
4	$\mathcal{O}(15; \{2^2, 4^8\})$	147573952589676412928
4	$\mathcal{O}(14; \{2^{18}\})$	72057593769492480
4	$\mathcal{O}(14; \{2^{15}, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^{12}, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^9, 4^6\})$	2305843009213693952
4	$\mathcal{O}(14; \{2^6, 4^8\})$	9223372036854775808
4	$\mathcal{O}(14; \{2^3, 4^{10}\})$	36893488147419103232
4	$\mathcal{O}(14; \{4^{12}\})$	147573952589676412928
4	$\mathcal{O}(13; \{2^{22}\})$	4503599560261632
4	$\mathcal{O}(13; \{2^{19}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^{16}, 4^4\})$	36028797018963968

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(13; \{2^{13}, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^{10}, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{2^7, 4^{10}\})$	2305843009213693952
4	$\mathcal{O}(13; \{2^4, 4^{12}\})$	9223372036854775808
4	$\mathcal{O}(13; \{2, 4^{14}\})$	36893488147419103232
4	$\mathcal{O}(12; \{2^{26}\})$	281474959933440
4	$\mathcal{O}(12; \{2^{23}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{20}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{17}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^{14}, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^{11}, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2^8, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(12; \{2^5, 4^{14}\})$	2305843009213693952
4	$\mathcal{O}(12; \{2^2, 4^{16}\})$	9223372036854775808
4	$\mathcal{O}(11; \{2^{30}\})$	17592181850112
4	$\mathcal{O}(11; \{2^{27}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{24}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{21}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{18}, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^{15}, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^{12}, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(11; \{2^9, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(11; \{2^6, 4^{16}\})$	576460752303423488
4	$\mathcal{O}(11; \{2^3, 4^{18}\})$	2305843009213693952
4	$\mathcal{O}(11; \{4^{20}\})$	9223372036854775808
4	$\mathcal{O}(10; \{2^{34}\})$	1099510579200
4	$\mathcal{O}(10; \{2^{31}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{28}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{25}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{22}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^{19}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^{16}, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^{13}, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^{10}, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(10; \{2^7, 4^{18}\})$	144115188075855872
4	$\mathcal{O}(10; \{2^4, 4^{20}\})$	576460752303423488
4	$\mathcal{O}(10; \{2, 4^{22}\})$	2305843009213693952
4	$\mathcal{O}(9; \{2^{38}\})$	68719214592
4	$\mathcal{O}(9; \{2^{35}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{32}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{29}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{26}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{23}, 4^{10}\})$	35184372088832

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(9; \{2^{20}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^{17}, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^{14}, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^{11}, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(9; \{2^8, 4^{20}\})$	36028797018963968
4	$\mathcal{O}(9; \{2^5, 4^{22}\})$	144115188075855872
4	$\mathcal{O}(9; \{2^2, 4^{24}\})$	576460752303423488
4	$\mathcal{O}(8; \{2^{42}\})$	4294901760
4	$\mathcal{O}(8; \{2^{39}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{36}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{33}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{30}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{27}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{24}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{21}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^{18}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^{15}, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^{12}, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^9, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(8; \{2^6, 4^{24}\})$	36028797018963968
4	$\mathcal{O}(8; \{2^3, 4^{26}\})$	144115188075855872
4	$\mathcal{O}(8; \{4^{28}\})$	576460752303423488
4	$\mathcal{O}(7; \{2^{46}\})$	268419072
4	$\mathcal{O}(7; \{2^{43}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{40}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{37}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{34}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{31}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{28}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{25}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{22}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{19}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^{16}, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^{13}, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^{10}, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(7; \{2^7, 4^{26}\})$	9007199254740992
4	$\mathcal{O}(7; \{2^4, 4^{28}\})$	36028797018963968
4	$\mathcal{O}(7; \{2, 4^{30}\})$	144115188075855872
4	$\mathcal{O}(6; \{2^{50}\})$	16773120
4	$\mathcal{O}(6; \{2^{47}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{44}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{41}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{38}, 4^8\})$	2147483648

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(6; \{2^{35}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{32}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{29}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{26}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{23}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{20}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{17}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^{14}, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^{11}, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2^8, 4^{28}\})$	2251799813685248
4	$\mathcal{O}(6; \{2^5, 4^{30}\})$	9007199254740992
4	$\mathcal{O}(6; \{2^2, 4^{32}\})$	36028797018963968
4	$\mathcal{O}(5; \{2^{54}\})$	1047552
4	$\mathcal{O}(5; \{2^{51}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{48}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{45}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{42}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{39}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{36}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{33}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{30}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{27}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{24}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{21}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{18}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^{15}, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^{12}, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2^9, 4^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{2^6, 4^{32}\})$	2251799813685248
4	$\mathcal{O}(5; \{2^3, 4^{34}\})$	9007199254740992
4	$\mathcal{O}(5; \{4^{36}\})$	36028797018963968
4	$\mathcal{O}(4; \{2^{58}\})$	65280
4	$\mathcal{O}(4; \{2^{55}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{52}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{49}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{46}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{43}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{40}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{37}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{34}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{31}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{28}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{25}, 4^{22}\})$	137438953472

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(4; \{2^{22}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{19}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^{16}, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^{13}, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^{10}, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{2^7, 4^{34}\})$	562949953421312
4	$\mathcal{O}(4; \{2^4, 4^{36}\})$	2251799813685248
4	$\mathcal{O}(4; \{2, 4^{38}\})$	9007199254740992
4	$\mathcal{O}(3; \{2^{62}\})$	4032
4	$\mathcal{O}(3; \{2^{59}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{56}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{53}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{50}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{47}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{44}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{41}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{38}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{35}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{32}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{29}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{26}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{23}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{20}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{17}, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^{14}, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^{11}, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{2^8, 4^{36}\})$	140737488355328
4	$\mathcal{O}(3; \{2^5, 4^{38}\})$	562949953421312
4	$\mathcal{O}(3; \{2^2, 4^{40}\})$	2251799813685248
4	$\mathcal{O}(2; \{2^{66}\})$	240
4	$\mathcal{O}(2; \{2^{63}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{60}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{57}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{54}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{51}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{48}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{45}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{42}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{39}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{36}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{33}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{30}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{27}, 4^{26}\})$	8589934592

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(2; \{2^{24}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{21}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{18}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^{15}, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^{12}, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^9, 4^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{2^6, 4^{40}\})$	140737488355328
4	$\mathcal{O}(2; \{2^3, 4^{42}\})$	562949953421312
4	$\mathcal{O}(2; \{4^{44}\})$	2251799813685248
4	$\mathcal{O}(1; \{2^{70}\})$	12
4	$\mathcal{O}(1; \{2^{67}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{64}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{61}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{58}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{55}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{52}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{49}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{46}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{43}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{40}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{37}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{34}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{31}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{28}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{25}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{22}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{19}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^{16}, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^{13}, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^{10}, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{2^7, 4^{42}\})$	35184372088832
4	$\mathcal{O}(1; \{2^4, 4^{44}\})$	140737488355328
4	$\mathcal{O}(1; \{2, 4^{46}\})$	562949953421312
4	$\mathcal{O}(0; \{2^{71}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{68}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{65}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{62}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{59}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{56}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{53}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{50}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{47}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{44}, 4^{20}\})$	524288

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{2^{41}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{38}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{35}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{32}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{29}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{26}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{23}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{20}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{17}, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^{14}, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^{11}, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2^8, 4^{44}\})$	8796093022208
4	$\mathcal{O}(0; \{2^5, 4^{46}\})$	35184372088832
4	$\mathcal{O}(0; \{2^2, 4^{48}\})$	140737488355328
5	$\mathcal{O}(15; \emptyset)$	931322574615478515624
5	$\mathcal{O}(13; \{5^5\})$	303983688354492187500
5	$\mathcal{O}(11; \{5^{10}\})$	500001907348632812500
5	$\mathcal{O}(9; \{5^{15}\})$	819199996948242187500
5	$\mathcal{O}(7; \{5^{20}\})$	1342177280004882812500
5	$\mathcal{O}(5; \{5^{25}\})$	2199023255551992187500
5	$\mathcal{O}(3; \{5^{30}\})$	3602879701896396812500
5	$\mathcal{O}(1; \{5^{35}\})$	5902958103587056517100
6	$\mathcal{O}(12; \{3^2\})$	9476762111784160830
6	$\mathcal{O}(11; \{2^4, 3^2\})$	263243407684534272
6	$\mathcal{O}(11; \{3^5\})$	1316216724612075270
6	$\mathcal{O}(11; \{2, 3^3, 6\})$	789730223053602816
6	$\mathcal{O}(11; \{2^2, 3, 6^2\})$	263243407684534272
6	$\mathcal{O}(11; \{6^4\})$	789730223053602816
6	$\mathcal{O}(10; \{2^8, 3^2\})$	7312316880125952
6	$\mathcal{O}(10; \{2^4, 3^5\})$	36561584400629760
6	$\mathcal{O}(10; \{3^8\})$	314429325981957450
6	$\mathcal{O}(10; \{2^5, 3^3, 6\})$	21936950640377856
6	$\mathcal{O}(10; \{2, 3^6, 6\})$	153558654482644992
6	$\mathcal{O}(10; \{2^6, 3, 6^2\})$	7312316880125952
6	$\mathcal{O}(10; \{2^2, 3^4, 6^2\})$	80435485681385472
6	$\mathcal{O}(10; \{2^3, 3^2, 6^3\})$	36561584400629760
6	$\mathcal{O}(10; \{2^4, 6^4\})$	21936950640377856
6	$\mathcal{O}(10; \{3^3, 6^4\})$	153558654482644992
6	$\mathcal{O}(10; \{2, 3, 6^5\})$	80435485681385472
6	$\mathcal{O}(9; \{2^{12}, 3^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^8, 3^5\})$	1015599566684160
6	$\mathcal{O}(9; \{2^4, 3^8\})$	8734156273483776
6	$\mathcal{O}(9; \{3^{11}\})$	69263626227086214

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{2^9, 3^3, 6\})$	609359740010496
6	$\mathcal{O}(9; \{2^5, 3^6, 6\})$	4265518180073472
6	$\mathcal{O}(9; \{2, 3^9, 6\})$	34733505180598272
6	$\mathcal{O}(9; \{2^{10}, 3, 6^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^6, 3^4, 6^2\})$	2234319046705152
6	$\mathcal{O}(9; \{2^2, 3^7, 6^2\})$	17265192633630720
6	$\mathcal{O}(9; \{2^7, 3^2, 6^3\})$	1015599566684160
6	$\mathcal{O}(9; \{2^3, 3^5, 6^3\})$	8734156273483776
6	$\mathcal{O}(9; \{2^8, 6^4\})$	609359740010496
6	$\mathcal{O}(9; \{2^4, 3^3, 6^4\})$	4265518180073472
6	$\mathcal{O}(9; \{3^6, 6^4\})$	34733505180598272
6	$\mathcal{O}(9; \{2^5, 3, 6^5\})$	2234319046705152
6	$\mathcal{O}(9; \{2, 3^4, 6^5\})$	17265192633630720
6	$\mathcal{O}(9; \{2^2, 3^2, 6^6\})$	8734156273483776
6	$\mathcal{O}(9; \{2^3, 6^7\})$	4265518180073472
6	$\mathcal{O}(9; \{3, 6^8\})$	17265192633630720
6	$\mathcal{O}(8; \{2^{16}, 3^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^{12}, 3^5\})$	28211099074560
6	$\mathcal{O}(8; \{2^8, 3^8\})$	242615452041216
6	$\mathcal{O}(8; \{2^4, 3^{11}\})$	1923996956884992
6	$\mathcal{O}(8; \{3^{14}\})$	15408667193334570
6	$\mathcal{O}(8; \{2^{13}, 3^3, 6\})$	16926659444736
6	$\mathcal{O}(8; \{2^9, 3^6, 6\})$	118486616113152
6	$\mathcal{O}(8; \{2^5, 3^9, 6\})$	964819588349952
6	$\mathcal{O}(8; \{2, 3^{12}, 6\})$	7701630047354880
6	$\mathcal{O}(8; \{2^{14}, 3, 6^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^{10}, 3^4, 6^2\})$	62064417964032
6	$\mathcal{O}(8; \{2^6, 3^7, 6^2\})$	479588684267520
6	$\mathcal{O}(8; \{2^2, 3^{10}, 6^2\})$	3853636133584896
6	$\mathcal{O}(8; \{2^{11}, 3^2, 6^3\})$	28211099074560
6	$\mathcal{O}(8; \{2^7, 3^5, 6^3\})$	242615452041216
6	$\mathcal{O}(8; \{2^3, 3^8, 6^3\})$	1923996956884992
6	$\mathcal{O}(8; \{2^{12}, 6^4\})$	16926659444736
6	$\mathcal{O}(8; \{2^8, 3^3, 6^4\})$	118486616113152
6	$\mathcal{O}(8; \{2^4, 3^6, 6^4\})$	964819588349952
6	$\mathcal{O}(8; \{3^9, 6^4\})$	7701630047354880
6	$\mathcal{O}(8; \{2^9, 3, 6^5\})$	62064417964032
6	$\mathcal{O}(8; \{2^5, 3^4, 6^5\})$	479588684267520
6	$\mathcal{O}(8; \{2, 3^7, 6^5\})$	3853636133584896
6	$\mathcal{O}(8; \{2^6, 3^2, 6^6\})$	242615452041216
6	$\mathcal{O}(8; \{2^2, 3^5, 6^6\})$	1923996956884992
6	$\mathcal{O}(8; \{2^7, 6^7\})$	118486616113152
6	$\mathcal{O}(8; \{2^3, 3^3, 6^7\})$	964819588349952

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{2^4, 3, 6^8\})$	479588684267520
6	$\mathcal{O}(8; \{3^4, 6^8\})$	3853636133584896
6	$\mathcal{O}(8; \{2, 3^2, 6^9\})$	1923996956884992
6	$\mathcal{O}(8; \{2^2, 6^{10}\})$	964819588349952
6	$\mathcal{O}(7; \{2^{20}, 3^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{16}, 3^5\})$	783641640960
6	$\mathcal{O}(7; \{2^{12}, 3^8\})$	6739318112256
6	$\mathcal{O}(7; \{2^8, 3^{11}\})$	53444359913472
6	$\mathcal{O}(7; \{2^4, 3^{14}\})$	428025064292352
6	$\mathcal{O}(7; \{3^{17}\})$	3423521361438630
6	$\mathcal{O}(7; \{2^{17}, 3^3, 6\})$	470184984576
6	$\mathcal{O}(7; \{2^{13}, 3^6, 6\})$	3291294892032
6	$\mathcal{O}(7; \{2^9, 3^9, 6\})$	26800544120832
6	$\mathcal{O}(7; \{2^5, 3^{12}, 6\})$	213934167982080
6	$\mathcal{O}(7; \{2, 3^{15}, 6\})$	1711943528841216
6	$\mathcal{O}(7; \{2^{18}, 3, 6^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{14}, 3^4, 6^2\})$	1724011610112
6	$\mathcal{O}(7; \{2^{10}, 3^7, 6^2\})$	13321907896320
6	$\mathcal{O}(7; \{2^6, 3^{10}, 6^2\})$	107045448155136
6	$\mathcal{O}(7; \{2^2, 3^{13}, 6^2\})$	855893400256512
6	$\mathcal{O}(7; \{2^{15}, 3^2, 6^3\})$	783641640960
6	$\mathcal{O}(7; \{2^{11}, 3^5, 6^3\})$	6739318112256
6	$\mathcal{O}(7; \{2^7, 3^8, 6^3\})$	53444359913472
6	$\mathcal{O}(7; \{2^3, 3^{11}, 6^3\})$	428025064292352
6	$\mathcal{O}(7; \{2^{16}, 6^4\})$	470184984576
6	$\mathcal{O}(7; \{2^{12}, 3^3, 6^4\})$	3291294892032
6	$\mathcal{O}(7; \{2^8, 3^6, 6^4\})$	26800544120832
6	$\mathcal{O}(7; \{2^4, 3^9, 6^4\})$	213934167982080
6	$\mathcal{O}(7; \{3^{12}, 6^4\})$	1711943528841216
6	$\mathcal{O}(7; \{2^{13}, 3, 6^5\})$	1724011610112
6	$\mathcal{O}(7; \{2^9, 3^4, 6^5\})$	13321907896320
6	$\mathcal{O}(7; \{2^5, 3^7, 6^5\})$	107045448155136
6	$\mathcal{O}(7; \{2, 3^{10}, 6^5\})$	855893400256512
6	$\mathcal{O}(7; \{2^{10}, 3^2, 6^6\})$	6739318112256
6	$\mathcal{O}(7; \{2^6, 3^5, 6^6\})$	53444359913472
6	$\mathcal{O}(7; \{2^2, 3^8, 6^6\})$	428025064292352
6	$\mathcal{O}(7; \{2^{11}, 6^7\})$	3291294892032
6	$\mathcal{O}(7; \{2^7, 3^3, 6^7\})$	26800544120832
6	$\mathcal{O}(7; \{2^3, 3^6, 6^7\})$	213934167982080
6	$\mathcal{O}(7; \{2^8, 3, 6^8\})$	13321907896320
6	$\mathcal{O}(7; \{2^4, 3^4, 6^8\})$	107045448155136
6	$\mathcal{O}(7; \{3^7, 6^8\})$	855893400256512
6	$\mathcal{O}(7; \{2^5, 3^2, 6^9\})$	53444359913472

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{2, 3^5, 6^9\})$	428025064292352
6	$\mathcal{O}(7; \{2^6, 6^{10}\})$	26800544120832
6	$\mathcal{O}(7; \{2^2, 3^3, 6^{10}\})$	213934167982080
6	$\mathcal{O}(7; \{2^3, 3, 6^{11}\})$	107045448155136
6	$\mathcal{O}(7; \{3^2, 6^{12}\})$	428025064292352
6	$\mathcal{O}(7; \{2, 6^{13}\})$	213934167982080
6	$\mathcal{O}(6; \{2^{24}, 3^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{20}, 3^5\})$	21767823360
6	$\mathcal{O}(6; \{2^{16}, 3^8\})$	187203280896
6	$\mathcal{O}(6; \{2^{12}, 3^{11}\})$	1484565553152
6	$\mathcal{O}(6; \{2^8, 3^{14}\})$	11889585119232
6	$\mathcal{O}(6; \{2^4, 3^{17}\})$	95103620259840
6	$\mathcal{O}(6; \{3^{20}\})$	760656270325770
6	$\mathcal{O}(6; \{2^{21}, 3^3, 6\})$	13060694016
6	$\mathcal{O}(6; \{2^{17}, 3^6, 6\})$	91424858112
6	$\mathcal{O}(6; \{2^{13}, 3^9, 6\})$	744459558912
6	$\mathcal{O}(6; \{2^9, 3^{12}, 6\})$	5942615777280
6	$\mathcal{O}(6; \{2^5, 3^{15}, 6\})$	47553986912256
6	$\mathcal{O}(6; \{2, 3^{18}, 6\})$	380418834604032
6	$\mathcal{O}(6; \{2^{22}, 3, 6^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{18}, 3^4, 6^2\})$	47889211392
6	$\mathcal{O}(6; \{2^{14}, 3^7, 6^2\})$	370052997120
6	$\mathcal{O}(6; \{2^{10}, 3^{10}, 6^2\})$	2973484670976
6	$\mathcal{O}(6; \{2^6, 3^{13}, 6^2\})$	23774816673792
6	$\mathcal{O}(6; \{2^2, 3^{16}, 6^2\})$	190211594084352
6	$\mathcal{O}(6; \{2^{19}, 3^2, 6^3\})$	21767823360
6	$\mathcal{O}(6; \{2^{15}, 3^5, 6^3\})$	187203280896
6	$\mathcal{O}(6; \{2^{11}, 3^8, 6^3\})$	1484565553152
6	$\mathcal{O}(6; \{2^7, 3^{11}, 6^3\})$	11889585119232
6	$\mathcal{O}(6; \{2^3, 3^{14}, 6^3\})$	95103620259840
6	$\mathcal{O}(6; \{2^{20}, 6^4\})$	13060694016
6	$\mathcal{O}(6; \{2^{16}, 3^3, 6^4\})$	91424858112
6	$\mathcal{O}(6; \{2^{12}, 3^6, 6^4\})$	744459558912
6	$\mathcal{O}(6; \{2^8, 3^9, 6^4\})$	5942615777280
6	$\mathcal{O}(6; \{2^4, 3^{12}, 6^4\})$	47553986912256
6	$\mathcal{O}(6; \{3^{15}, 6^4\})$	380418834604032
6	$\mathcal{O}(6; \{2^{17}, 3, 6^5\})$	47889211392
6	$\mathcal{O}(6; \{2^{13}, 3^4, 6^5\})$	370052997120
6	$\mathcal{O}(6; \{2^9, 3^7, 6^5\})$	2973484670976
6	$\mathcal{O}(6; \{2^5, 3^{10}, 6^5\})$	23774816673792
6	$\mathcal{O}(6; \{2, 3^{13}, 6^5\})$	190211594084352
6	$\mathcal{O}(6; \{2^{14}, 3^2, 6^6\})$	187203280896
6	$\mathcal{O}(6; \{2^{10}, 3^5, 6^6\})$	1484565553152

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^6, 3^8, 6^6\})$	11889585119232
6	$\mathcal{O}(6; \{2^2, 3^{11}, 6^6\})$	95103620259840
6	$\mathcal{O}(6; \{2^{15}, 6^7\})$	91424858112
6	$\mathcal{O}(6; \{2^{11}, 3^3, 6^7\})$	744459558912
6	$\mathcal{O}(6; \{2^7, 3^6, 6^7\})$	5942615777280
6	$\mathcal{O}(6; \{2^3, 3^9, 6^7\})$	47553986912256
6	$\mathcal{O}(6; \{2^{12}, 3, 6^8\})$	370052997120
6	$\mathcal{O}(6; \{2^8, 3^4, 6^8\})$	2973484670976
6	$\mathcal{O}(6; \{2^4, 3^7, 6^8\})$	23774816673792
6	$\mathcal{O}(6; \{3^{10}, 6^8\})$	190211594084352
6	$\mathcal{O}(6; \{2^9, 3^2, 6^9\})$	1484565553152
6	$\mathcal{O}(6; \{2^5, 3^5, 6^9\})$	11889585119232
6	$\mathcal{O}(6; \{2, 3^8, 6^9\})$	95103620259840
6	$\mathcal{O}(6; \{2^{10}, 6^{10}\})$	744459558912
6	$\mathcal{O}(6; \{2^6, 3^3, 6^{10}\})$	5942615777280
6	$\mathcal{O}(6; \{2^2, 3^6, 6^{10}\})$	47553986912256
6	$\mathcal{O}(6; \{2^7, 3, 6^{11}\})$	2973484670976
6	$\mathcal{O}(6; \{2^3, 3^4, 6^{11}\})$	23774816673792
6	$\mathcal{O}(6; \{2^4, 3^2, 6^{12}\})$	11889585119232
6	$\mathcal{O}(6; \{3^5, 6^{12}\})$	95103620259840
6	$\mathcal{O}(6; \{2^5, 6^{13}\})$	5942615777280
6	$\mathcal{O}(6; \{2, 3^3, 6^{13}\})$	47553986912256
6	$\mathcal{O}(6; \{2^2, 3, 6^{14}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{16}\})$	47553986912256
6	$\mathcal{O}(5; \{2^{28}, 3^2\})$	120932352
6	$\mathcal{O}(5; \{2^{24}, 3^5\})$	604661760
6	$\mathcal{O}(5; \{2^{20}, 3^8\})$	5200091136
6	$\mathcal{O}(5; \{2^{16}, 3^{11}\})$	41237932032
6	$\mathcal{O}(5; \{2^{12}, 3^{14}\})$	330266253312
6	$\mathcal{O}(5; \{2^8, 3^{17}\})$	2641767229440
6	$\mathcal{O}(5; \{2^4, 3^{20}\})$	21134500632576
6	$\mathcal{O}(5; \{3^{23}\})$	168910529331654
6	$\mathcal{O}(5; \{2^{25}, 3^3, 6\})$	362797056
6	$\mathcal{O}(5; \{2^{21}, 3^6, 6\})$	2539579392
6	$\mathcal{O}(5; \{2^{17}, 3^9, 6\})$	20679432192
6	$\mathcal{O}(5; \{2^{13}, 3^{12}, 6\})$	165072660480
6	$\mathcal{O}(5; \{2^9, 3^{15}, 6\})$	1320944080896
6	$\mathcal{O}(5; \{2^5, 3^{18}, 6\})$	10567189850112
6	$\mathcal{O}(5; \{2, 3^{21}, 6\})$	84537881597952
6	$\mathcal{O}(5; \{2^{26}, 3, 6^2\})$	120932352
6	$\mathcal{O}(5; \{2^{22}, 3^4, 6^2\})$	1330255872
6	$\mathcal{O}(5; \{2^{18}, 3^7, 6^2\})$	10279249920
6	$\mathcal{O}(5; \{2^{14}, 3^{10}, 6^2\})$	82596796416

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^{10}, 3^{13}, 6^2\})$	660411574272
6	$\mathcal{O}(5; \{2^6, 3^{16}, 6^2\})$	5283655391232
6	$\mathcal{O}(5; \{2^2, 3^{19}, 6^2\})$	42268880332800
6	$\mathcal{O}(5; \{2^{23}, 3^2, 6^3\})$	604661760
6	$\mathcal{O}(5; \{2^{19}, 3^5, 6^3\})$	5200091136
6	$\mathcal{O}(5; \{2^{15}, 3^8, 6^3\})$	41237932032
6	$\mathcal{O}(5; \{2^{11}, 3^{11}, 6^3\})$	330266253312
6	$\mathcal{O}(5; \{2^7, 3^{14}, 6^3\})$	2641767229440
6	$\mathcal{O}(5; \{2^3, 3^{17}, 6^3\})$	21134500632576
6	$\mathcal{O}(5; \{2^{24}, 6^4\})$	362797056
6	$\mathcal{O}(5; \{2^{20}, 3^3, 6^4\})$	2539579392
6	$\mathcal{O}(5; \{2^{16}, 3^6, 6^4\})$	20679432192
6	$\mathcal{O}(5; \{2^{12}, 3^9, 6^4\})$	165072660480
6	$\mathcal{O}(5; \{2^8, 3^{12}, 6^4\})$	1320944080896
6	$\mathcal{O}(5; \{2^4, 3^{15}, 6^4\})$	10567189850112
6	$\mathcal{O}(5; \{3^{18}, 6^4\})$	84537881597952
6	$\mathcal{O}(5; \{2^{21}, 3, 6^5\})$	1330255872
6	$\mathcal{O}(5; \{2^{17}, 3^4, 6^5\})$	10279249920
6	$\mathcal{O}(5; \{2^{13}, 3^7, 6^5\})$	82596796416
6	$\mathcal{O}(5; \{2^9, 3^{10}, 6^5\})$	660411574272
6	$\mathcal{O}(5; \{2^5, 3^{13}, 6^5\})$	5283655391232
6	$\mathcal{O}(5; \{2, 3^{16}, 6^5\})$	42268880332800
6	$\mathcal{O}(5; \{2^{18}, 3^2, 6^6\})$	5200091136
6	$\mathcal{O}(5; \{2^{14}, 3^5, 6^6\})$	41237932032
6	$\mathcal{O}(5; \{2^{10}, 3^8, 6^6\})$	330266253312
6	$\mathcal{O}(5; \{2^6, 3^{11}, 6^6\})$	2641767229440
6	$\mathcal{O}(5; \{2^2, 3^{14}, 6^6\})$	21134500632576
6	$\mathcal{O}(5; \{2^{19}, 6^7\})$	2539579392
6	$\mathcal{O}(5; \{2^{15}, 3^3, 6^7\})$	20679432192
6	$\mathcal{O}(5; \{2^{11}, 3^6, 6^7\})$	165072660480
6	$\mathcal{O}(5; \{2^7, 3^9, 6^7\})$	1320944080896
6	$\mathcal{O}(5; \{2^3, 3^{12}, 6^7\})$	10567189850112
6	$\mathcal{O}(5; \{2^{16}, 3, 6^8\})$	10279249920
6	$\mathcal{O}(5; \{2^{12}, 3^4, 6^8\})$	82596796416
6	$\mathcal{O}(5; \{2^8, 3^7, 6^8\})$	660411574272
6	$\mathcal{O}(5; \{2^4, 3^{10}, 6^8\})$	5283655391232
6	$\mathcal{O}(5; \{3^{13}, 6^8\})$	42268880332800
6	$\mathcal{O}(5; \{2^{13}, 3^2, 6^9\})$	41237932032
6	$\mathcal{O}(5; \{2^9, 3^5, 6^9\})$	330266253312
6	$\mathcal{O}(5; \{2^5, 3^8, 6^9\})$	2641767229440
6	$\mathcal{O}(5; \{2, 3^{11}, 6^9\})$	21134500632576
6	$\mathcal{O}(5; \{2^{14}, 6^{10}\})$	20679432192
6	$\mathcal{O}(5; \{2^{10}, 3^3, 6^{10}\})$	165072660480

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^6, 3^6, 6^{10}\})$	1320944080896
6	$\mathcal{O}(5; \{2^2, 3^9, 6^{10}\})$	10567189850112
6	$\mathcal{O}(5; \{2^{11}, 3, 6^{11}\})$	82596796416
6	$\mathcal{O}(5; \{2^7, 3^4, 6^{11}\})$	660411574272
6	$\mathcal{O}(5; \{2^3, 3^7, 6^{11}\})$	5283655391232
6	$\mathcal{O}(5; \{2^8, 3^2, 6^{12}\})$	330266253312
6	$\mathcal{O}(5; \{2^4, 3^5, 6^{12}\})$	2641767229440
6	$\mathcal{O}(5; \{3^8, 6^{12}\})$	21134500632576
6	$\mathcal{O}(5; \{2^9, 6^{13}\})$	165072660480
6	$\mathcal{O}(5; \{2^5, 3^3, 6^{13}\})$	1320944080896
6	$\mathcal{O}(5; \{2, 3^6, 6^{13}\})$	10567189850112
6	$\mathcal{O}(5; \{2^6, 3, 6^{14}\})$	660411574272
6	$\mathcal{O}(5; \{2^2, 3^4, 6^{14}\})$	5283655391232
6	$\mathcal{O}(5; \{2^3, 3^2, 6^{15}\})$	2641767229440
6	$\mathcal{O}(5; \{2^4, 6^{16}\})$	1320944080896
6	$\mathcal{O}(5; \{3^3, 6^{16}\})$	10567189850112
6	$\mathcal{O}(5; \{2, 3, 6^{17}\})$	5283655391232
6	$\mathcal{O}(4; \{2^{32}, 3^2\})$	3359232
6	$\mathcal{O}(4; \{2^{28}, 3^5\})$	16796160
6	$\mathcal{O}(4; \{2^{24}, 3^8\})$	144446976
6	$\mathcal{O}(4; \{2^{20}, 3^{11}\})$	1145498112
6	$\mathcal{O}(4; \{2^{16}, 3^{14}\})$	9174062592
6	$\mathcal{O}(4; \{2^{12}, 3^{17}\})$	73382423040
6	$\mathcal{O}(4; \{2^8, 3^{20}\})$	587069462016
6	$\mathcal{O}(4; \{2^4, 3^{23}\})$	4696545618432
6	$\mathcal{O}(4; \{3^{26}\})$	37425607935210
6	$\mathcal{O}(4; \{2^{29}, 3^3, 6\})$	10077696
6	$\mathcal{O}(4; \{2^{25}, 3^6, 6\})$	70543872
6	$\mathcal{O}(4; \{2^{21}, 3^9, 6\})$	574428672
6	$\mathcal{O}(4; \{2^{17}, 3^{12}, 6\})$	4585351680
6	$\mathcal{O}(4; \{2^{13}, 3^{15}, 6\})$	36692891136
6	$\mathcal{O}(4; \{2^9, 3^{18}, 6\})$	293533051392
6	$\mathcal{O}(4; \{2^5, 3^{21}, 6\})$	2348274488832
6	$\mathcal{O}(4; \{2, 3^{24}, 6\})$	18786185832960
6	$\mathcal{O}(4; \{2^{30}, 3, 6^2\})$	3359232
6	$\mathcal{O}(4; \{2^{26}, 3^4, 6^2\})$	36951552
6	$\mathcal{O}(4; \{2^{22}, 3^7, 6^2\})$	285534720
6	$\mathcal{O}(4; \{2^{18}, 3^{10}, 6^2\})$	2294355456
6	$\mathcal{O}(4; \{2^{14}, 3^{13}, 6^2\})$	18344765952
6	$\mathcal{O}(4; \{2^{10}, 3^{16}, 6^2\})$	146768205312
6	$\mathcal{O}(4; \{2^6, 3^{19}, 6^2\})$	1174135564800
6	$\mathcal{O}(4; \{2^2, 3^{22}, 6^2\})$	9393094596096
6	$\mathcal{O}(4; \{2^{27}, 3^2, 6^3\})$	16796160

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^{23}, 3^5, 6^3\})$	144446976
6	$\mathcal{O}(4; \{2^{19}, 3^8, 6^3\})$	1145498112
6	$\mathcal{O}(4; \{2^{15}, 3^{11}, 6^3\})$	9174062592
6	$\mathcal{O}(4; \{2^{11}, 3^{14}, 6^3\})$	73382423040
6	$\mathcal{O}(4; \{2^7, 3^{17}, 6^3\})$	587069462016
6	$\mathcal{O}(4; \{2^3, 3^{20}, 6^3\})$	4696545618432
6	$\mathcal{O}(4; \{2^{28}, 6^4\})$	10077696
6	$\mathcal{O}(4; \{2^{24}, 3^3, 6^4\})$	70543872
6	$\mathcal{O}(4; \{2^{20}, 3^6, 6^4\})$	574428672
6	$\mathcal{O}(4; \{2^{16}, 3^9, 6^4\})$	4585351680
6	$\mathcal{O}(4; \{2^{12}, 3^{12}, 6^4\})$	36692891136
6	$\mathcal{O}(4; \{2^8, 3^{15}, 6^4\})$	293533051392
6	$\mathcal{O}(4; \{2^4, 3^{18}, 6^4\})$	2348274488832
6	$\mathcal{O}(4; \{3^{21}, 6^4\})$	18786185832960
6	$\mathcal{O}(4; \{2^{25}, 3, 6^5\})$	36951552
6	$\mathcal{O}(4; \{2^{21}, 3^4, 6^5\})$	285534720
6	$\mathcal{O}(4; \{2^{17}, 3^7, 6^5\})$	2294355456
6	$\mathcal{O}(4; \{2^{13}, 3^{10}, 6^5\})$	18344765952
6	$\mathcal{O}(4; \{2^9, 3^{13}, 6^5\})$	146768205312
6	$\mathcal{O}(4; \{2^5, 3^{16}, 6^5\})$	1174135564800
6	$\mathcal{O}(4; \{2, 3^{19}, 6^5\})$	9393094596096
6	$\mathcal{O}(4; \{2^{22}, 3^2, 6^6\})$	144446976
6	$\mathcal{O}(4; \{2^{18}, 3^5, 6^6\})$	1145498112
6	$\mathcal{O}(4; \{2^{14}, 3^8, 6^6\})$	9174062592
6	$\mathcal{O}(4; \{2^{10}, 3^{11}, 6^6\})$	73382423040
6	$\mathcal{O}(4; \{2^6, 3^{14}, 6^6\})$	587069462016
6	$\mathcal{O}(4; \{2^2, 3^{17}, 6^6\})$	4696545618432
6	$\mathcal{O}(4; \{2^{23}, 6^7\})$	70543872
6	$\mathcal{O}(4; \{2^{19}, 3^3, 6^7\})$	574428672
6	$\mathcal{O}(4; \{2^{15}, 3^6, 6^7\})$	4585351680
6	$\mathcal{O}(4; \{2^{11}, 3^9, 6^7\})$	36692891136
6	$\mathcal{O}(4; \{2^7, 3^{12}, 6^7\})$	293533051392
6	$\mathcal{O}(4; \{2^3, 3^{15}, 6^7\})$	2348274488832
6	$\mathcal{O}(4; \{2^{20}, 3, 6^8\})$	285534720
6	$\mathcal{O}(4; \{2^{16}, 3^4, 6^8\})$	2294355456
6	$\mathcal{O}(4; \{2^{12}, 3^7, 6^8\})$	18344765952
6	$\mathcal{O}(4; \{2^8, 3^{10}, 6^8\})$	146768205312
6	$\mathcal{O}(4; \{2^4, 3^{13}, 6^8\})$	1174135564800
6	$\mathcal{O}(4; \{3^{16}, 6^8\})$	9393094596096
6	$\mathcal{O}(4; \{2^{17}, 3^2, 6^9\})$	1145498112
6	$\mathcal{O}(4; \{2^{13}, 3^5, 6^9\})$	9174062592
6	$\mathcal{O}(4; \{2^9, 3^8, 6^9\})$	73382423040
6	$\mathcal{O}(4; \{2^5, 3^{11}, 6^9\})$	587069462016

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2, 3^{14}, 6^9\})$	4696545618432
6	$\mathcal{O}(4; \{2^{18}, 6^{10}\})$	574428672
6	$\mathcal{O}(4; \{2^{14}, 3^3, 6^{10}\})$	4585351680
6	$\mathcal{O}(4; \{2^{10}, 3^6, 6^{10}\})$	36692891136
6	$\mathcal{O}(4; \{2^6, 3^9, 6^{10}\})$	293533051392
6	$\mathcal{O}(4; \{2^2, 3^{12}, 6^{10}\})$	2348274488832
6	$\mathcal{O}(4; \{2^{15}, 3, 6^{11}\})$	2294355456
6	$\mathcal{O}(4; \{2^{11}, 3^4, 6^{11}\})$	18344765952
6	$\mathcal{O}(4; \{2^7, 3^7, 6^{11}\})$	146768205312
6	$\mathcal{O}(4; \{2^3, 3^{10}, 6^{11}\})$	1174135564800
6	$\mathcal{O}(4; \{2^{12}, 3^2, 6^{12}\})$	9174062592
6	$\mathcal{O}(4; \{2^8, 3^5, 6^{12}\})$	73382423040
6	$\mathcal{O}(4; \{2^4, 3^8, 6^{12}\})$	587069462016
6	$\mathcal{O}(4; \{3^{11}, 6^{12}\})$	4696545618432
6	$\mathcal{O}(4; \{2^{13}, 6^{13}\})$	4585351680
6	$\mathcal{O}(4; \{2^9, 3^3, 6^{13}\})$	36692891136
6	$\mathcal{O}(4; \{2^5, 3^6, 6^{13}\})$	293533051392
6	$\mathcal{O}(4; \{2, 3^9, 6^{13}\})$	2348274488832
6	$\mathcal{O}(4; \{2^{10}, 3, 6^{14}\})$	18344765952
6	$\mathcal{O}(4; \{2^6, 3^4, 6^{14}\})$	146768205312
6	$\mathcal{O}(4; \{2^2, 3^7, 6^{14}\})$	1174135564800
6	$\mathcal{O}(4; \{2^7, 3^2, 6^{15}\})$	73382423040
6	$\mathcal{O}(4; \{2^3, 3^5, 6^{15}\})$	587069462016
6	$\mathcal{O}(4; \{2^8, 6^{16}\})$	36692891136
6	$\mathcal{O}(4; \{2^4, 3^3, 6^{16}\})$	293533051392
6	$\mathcal{O}(4; \{3^6, 6^{16}\})$	2348274488832
6	$\mathcal{O}(4; \{2^5, 3, 6^{17}\})$	146768205312
6	$\mathcal{O}(4; \{2, 3^4, 6^{17}\})$	1174135564800
6	$\mathcal{O}(4; \{2^2, 3^2, 6^{18}\})$	587069462016
6	$\mathcal{O}(4; \{2^3, 6^{19}\})$	293533051392
6	$\mathcal{O}(4; \{3, 6^{20}\})$	1174135564800
6	$\mathcal{O}(3; \{2^{36}, 3^2\})$	93312
6	$\mathcal{O}(3; \{2^{32}, 3^5\})$	466560
6	$\mathcal{O}(3; \{2^{28}, 3^8\})$	4012416
6	$\mathcal{O}(3; \{2^{24}, 3^{11}\})$	31819392
6	$\mathcal{O}(3; \{2^{20}, 3^{14}\})$	254835072
6	$\mathcal{O}(3; \{2^{16}, 3^{17}\})$	2038400640
6	$\mathcal{O}(3; \{2^{12}, 3^{20}\})$	16307485056
6	$\mathcal{O}(3; \{2^8, 3^{23}\})$	130459600512
6	$\mathcal{O}(3; \{2^4, 3^{26}\})$	1043677084032
6	$\mathcal{O}(3; \{3^{29}\})$	8218956761190
6	$\mathcal{O}(3; \{2^{33}, 3^3, 6\})$	279936
6	$\mathcal{O}(3; \{2^{29}, 3^6, 6\})$	1959552

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{25}, 3^9, 6\})$	15956352
6	$\mathcal{O}(3; \{2^{21}, 3^{12}, 6\})$	127370880
6	$\mathcal{O}(3; \{2^{17}, 3^{15}, 6\})$	1019246976
6	$\mathcal{O}(3; \{2^{13}, 3^{18}, 6\})$	8153695872
6	$\mathcal{O}(3; \{2^9, 3^{21}, 6\})$	65229846912
6	$\mathcal{O}(3; \{2^5, 3^{24}, 6\})$	521838495360
6	$\mathcal{O}(3; \{2, 3^{27}, 6\})$	4174708242816
6	$\mathcal{O}(3; \{2^{34}, 3, 6^2\})$	93312
6	$\mathcal{O}(3; \{2^{30}, 3^4, 6^2\})$	1026432
6	$\mathcal{O}(3; \{2^{26}, 3^7, 6^2\})$	7931520
6	$\mathcal{O}(3; \{2^{22}, 3^{10}, 6^2\})$	63732096
6	$\mathcal{O}(3; \{2^{18}, 3^{13}, 6^2\})$	509576832
6	$\mathcal{O}(3; \{2^{14}, 3^{16}, 6^2\})$	4076894592
6	$\mathcal{O}(3; \{2^{10}, 3^{19}, 6^2\})$	32614876800
6	$\mathcal{O}(3; \{2^6, 3^{22}, 6^2\})$	260919294336
6	$\mathcal{O}(3; \{2^2, 3^{25}, 6^2\})$	2087354074752
6	$\mathcal{O}(3; \{2^{31}, 3^2, 6^3\})$	466560
6	$\mathcal{O}(3; \{2^{27}, 3^5, 6^3\})$	4012416
6	$\mathcal{O}(3; \{2^{23}, 3^8, 6^3\})$	31819392
6	$\mathcal{O}(3; \{2^{19}, 3^{11}, 6^3\})$	254835072
6	$\mathcal{O}(3; \{2^{15}, 3^{14}, 6^3\})$	2038400640
6	$\mathcal{O}(3; \{2^{11}, 3^{17}, 6^3\})$	16307485056
6	$\mathcal{O}(3; \{2^7, 3^{20}, 6^3\})$	130459600512
6	$\mathcal{O}(3; \{2^3, 3^{23}, 6^3\})$	1043677084032
6	$\mathcal{O}(3; \{2^{32}, 6^4\})$	279936
6	$\mathcal{O}(3; \{2^{28}, 3^3, 6^4\})$	1959552
6	$\mathcal{O}(3; \{2^{24}, 3^6, 6^4\})$	15956352
6	$\mathcal{O}(3; \{2^{20}, 3^9, 6^4\})$	127370880
6	$\mathcal{O}(3; \{2^{16}, 3^{12}, 6^4\})$	1019246976
6	$\mathcal{O}(3; \{2^{12}, 3^{15}, 6^4\})$	8153695872
6	$\mathcal{O}(3; \{2^8, 3^{18}, 6^4\})$	65229846912
6	$\mathcal{O}(3; \{2^4, 3^{21}, 6^4\})$	521838495360
6	$\mathcal{O}(3; \{3^{24}, 6^4\})$	4174708242816
6	$\mathcal{O}(3; \{2^{29}, 3, 6^5\})$	1026432
6	$\mathcal{O}(3; \{2^{25}, 3^4, 6^5\})$	7931520
6	$\mathcal{O}(3; \{2^{21}, 3^7, 6^5\})$	63732096
6	$\mathcal{O}(3; \{2^{17}, 3^{10}, 6^5\})$	509576832
6	$\mathcal{O}(3; \{2^{13}, 3^{13}, 6^5\})$	4076894592
6	$\mathcal{O}(3; \{2^9, 3^{16}, 6^5\})$	32614876800
6	$\mathcal{O}(3; \{2^5, 3^{19}, 6^5\})$	260919294336
6	$\mathcal{O}(3; \{2, 3^{22}, 6^5\})$	2087354074752
6	$\mathcal{O}(3; \{2^{26}, 3^2, 6^6\})$	4012416
6	$\mathcal{O}(3; \{2^{22}, 3^5, 6^6\})$	31819392

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{18}, 3^8, 6^6\})$	254835072
6	$\mathcal{O}(3; \{2^{14}, 3^{11}, 6^6\})$	2038400640
6	$\mathcal{O}(3; \{2^{10}, 3^{14}, 6^6\})$	16307485056
6	$\mathcal{O}(3; \{2^6, 3^{17}, 6^6\})$	130459600512
6	$\mathcal{O}(3; \{2^2, 3^{20}, 6^6\})$	1043677084032
6	$\mathcal{O}(3; \{2^{27}, 6^7\})$	1959552
6	$\mathcal{O}(3; \{2^{23}, 3^3, 6^7\})$	15956352
6	$\mathcal{O}(3; \{2^{19}, 3^6, 6^7\})$	127370880
6	$\mathcal{O}(3; \{2^{15}, 3^9, 6^7\})$	1019246976
6	$\mathcal{O}(3; \{2^{11}, 3^{12}, 6^7\})$	8153695872
6	$\mathcal{O}(3; \{2^7, 3^{15}, 6^7\})$	65229846912
6	$\mathcal{O}(3; \{2^3, 3^{18}, 6^7\})$	521838495360
6	$\mathcal{O}(3; \{2^{24}, 3, 6^8\})$	7931520
6	$\mathcal{O}(3; \{2^{20}, 3^4, 6^8\})$	63732096
6	$\mathcal{O}(3; \{2^{16}, 3^7, 6^8\})$	509576832
6	$\mathcal{O}(3; \{2^{12}, 3^{10}, 6^8\})$	4076894592
6	$\mathcal{O}(3; \{2^8, 3^{13}, 6^8\})$	32614876800
6	$\mathcal{O}(3; \{2^4, 3^{16}, 6^8\})$	260919294336
6	$\mathcal{O}(3; \{3^{19}, 6^8\})$	2087354074752
6	$\mathcal{O}(3; \{2^{21}, 3^2, 6^9\})$	31819392
6	$\mathcal{O}(3; \{2^{17}, 3^5, 6^9\})$	254835072
6	$\mathcal{O}(3; \{2^{13}, 3^8, 6^9\})$	2038400640
6	$\mathcal{O}(3; \{2^9, 3^{11}, 6^9\})$	16307485056
6	$\mathcal{O}(3; \{2^5, 3^{14}, 6^9\})$	130459600512
6	$\mathcal{O}(3; \{2, 3^{17}, 6^9\})$	1043677084032
6	$\mathcal{O}(3; \{2^{22}, 6^{10}\})$	15956352
6	$\mathcal{O}(3; \{2^{18}, 3^3, 6^{10}\})$	127370880
6	$\mathcal{O}(3; \{2^{14}, 3^6, 6^{10}\})$	1019246976
6	$\mathcal{O}(3; \{2^{10}, 3^9, 6^{10}\})$	8153695872
6	$\mathcal{O}(3; \{2^6, 3^{12}, 6^{10}\})$	65229846912
6	$\mathcal{O}(3; \{2^2, 3^{15}, 6^{10}\})$	521838495360
6	$\mathcal{O}(3; \{2^{19}, 3, 6^{11}\})$	63732096
6	$\mathcal{O}(3; \{2^{15}, 3^4, 6^{11}\})$	509576832
6	$\mathcal{O}(3; \{2^{11}, 3^7, 6^{11}\})$	4076894592
6	$\mathcal{O}(3; \{2^7, 3^{10}, 6^{11}\})$	32614876800
6	$\mathcal{O}(3; \{2^3, 3^{13}, 6^{11}\})$	260919294336
6	$\mathcal{O}(3; \{2^{16}, 3^2, 6^{12}\})$	254835072
6	$\mathcal{O}(3; \{2^{12}, 3^5, 6^{12}\})$	2038400640
6	$\mathcal{O}(3; \{2^8, 3^8, 6^{12}\})$	16307485056
6	$\mathcal{O}(3; \{2^4, 3^{11}, 6^{12}\})$	130459600512
6	$\mathcal{O}(3; \{3^{14}, 6^{12}\})$	1043677084032
6	$\mathcal{O}(3; \{2^{17}, 6^{13}\})$	127370880
6	$\mathcal{O}(3; \{2^{13}, 3^3, 6^{13}\})$	1019246976

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^9, 3^6, 6^{13}\})$	8153695872
6	$\mathcal{O}(3; \{2^5, 3^9, 6^{13}\})$	65229846912
6	$\mathcal{O}(3; \{2, 3^{12}, 6^{13}\})$	521838495360
6	$\mathcal{O}(3; \{2^{14}, 3, 6^{14}\})$	509576832
6	$\mathcal{O}(3; \{2^{10}, 3^4, 6^{14}\})$	4076894592
6	$\mathcal{O}(3; \{2^6, 3^7, 6^{14}\})$	32614876800
6	$\mathcal{O}(3; \{2^2, 3^{10}, 6^{14}\})$	260919294336
6	$\mathcal{O}(3; \{2^{11}, 3^2, 6^{15}\})$	2038400640
6	$\mathcal{O}(3; \{2^7, 3^5, 6^{15}\})$	16307485056
6	$\mathcal{O}(3; \{2^3, 3^8, 6^{15}\})$	130459600512
6	$\mathcal{O}(3; \{2^{12}, 6^{16}\})$	1019246976
6	$\mathcal{O}(3; \{2^8, 3^3, 6^{16}\})$	8153695872
6	$\mathcal{O}(3; \{2^4, 3^6, 6^{16}\})$	65229846912
6	$\mathcal{O}(3; \{3^9, 6^{16}\})$	521838495360
6	$\mathcal{O}(3; \{2^9, 3, 6^{17}\})$	4076894592
6	$\mathcal{O}(3; \{2^5, 3^4, 6^{17}\})$	32614876800
6	$\mathcal{O}(3; \{2, 3^7, 6^{17}\})$	260919294336
6	$\mathcal{O}(3; \{2^6, 3^2, 6^{18}\})$	16307485056
6	$\mathcal{O}(3; \{2^2, 3^5, 6^{18}\})$	130459600512
6	$\mathcal{O}(3; \{2^7, 6^{19}\})$	8153695872
6	$\mathcal{O}(3; \{2^3, 3^3, 6^{19}\})$	65229846912
6	$\mathcal{O}(3; \{2^4, 3, 6^{20}\})$	32614876800
6	$\mathcal{O}(3; \{3^4, 6^{20}\})$	260919294336
6	$\mathcal{O}(3; \{2, 3^2, 6^{21}\})$	130459600512
6	$\mathcal{O}(3; \{2^2, 6^{22}\})$	65229846912
6	$\mathcal{O}(2; \{2^{40}, 3^2\})$	2592
6	$\mathcal{O}(2; \{2^{36}, 3^5\})$	12960
6	$\mathcal{O}(2; \{2^{32}, 3^8\})$	111456
6	$\mathcal{O}(2; \{2^{28}, 3^{11}\})$	883872
6	$\mathcal{O}(2; \{2^{24}, 3^{14}\})$	7078752
6	$\mathcal{O}(2; \{2^{20}, 3^{17}\})$	56622240
6	$\mathcal{O}(2; \{2^{16}, 3^{20}\})$	452985696
6	$\mathcal{O}(2; \{2^{12}, 3^{23}\})$	3623877792
6	$\mathcal{O}(2; \{2^8, 3^{26}\})$	28991030112
6	$\mathcal{O}(2; \{2^4, 3^{29}\})$	231928233120
6	$\mathcal{O}(2; \{3^{32}\})$	1739461755690
6	$\mathcal{O}(2; \{2^{37}, 3^3, 6\})$	7776
6	$\mathcal{O}(2; \{2^{33}, 3^6, 6\})$	54432
6	$\mathcal{O}(2; \{2^{29}, 3^9, 6\})$	443232
6	$\mathcal{O}(2; \{2^{25}, 3^{12}, 6\})$	3538080
6	$\mathcal{O}(2; \{2^{21}, 3^{15}, 6\})$	28312416
6	$\mathcal{O}(2; \{2^{17}, 3^{18}, 6\})$	226491552
6	$\mathcal{O}(2; \{2^{13}, 3^{21}, 6\})$	1811940192

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^9, 3^{24}, 6\})$	14495513760
6	$\mathcal{O}(2; \{2^5, 3^{27}, 6\})$	115964117856
6	$\mathcal{O}(2; \{2, 3^{30}, 6\})$	927712935072
6	$\mathcal{O}(2; \{2^{38}, 3, 6^2\})$	2592
6	$\mathcal{O}(2; \{2^{34}, 3^4, 6^2\})$	28512
6	$\mathcal{O}(2; \{2^{30}, 3^7, 6^2\})$	220320
6	$\mathcal{O}(2; \{2^{26}, 3^{10}, 6^2\})$	1770336
6	$\mathcal{O}(2; \{2^{22}, 3^{13}, 6^2\})$	14154912
6	$\mathcal{O}(2; \{2^{18}, 3^{16}, 6^2\})$	113247072
6	$\mathcal{O}(2; \{2^{14}, 3^{19}, 6^2\})$	905968800
6	$\mathcal{O}(2; \{2^{10}, 3^{22}, 6^2\})$	7247758176
6	$\mathcal{O}(2; \{2^6, 3^{25}, 6^2\})$	57982057632
6	$\mathcal{O}(2; \{2^2, 3^{28}, 6^2\})$	463856468832
6	$\mathcal{O}(2; \{2^{35}, 3^2, 6^3\})$	12960
6	$\mathcal{O}(2; \{2^{31}, 3^5, 6^3\})$	111456
6	$\mathcal{O}(2; \{2^{27}, 3^8, 6^3\})$	883872
6	$\mathcal{O}(2; \{2^{23}, 3^{11}, 6^3\})$	7078752
6	$\mathcal{O}(2; \{2^{19}, 3^{14}, 6^3\})$	56622240
6	$\mathcal{O}(2; \{2^{15}, 3^{17}, 6^3\})$	452985696
6	$\mathcal{O}(2; \{2^{11}, 3^{20}, 6^3\})$	3623877792
6	$\mathcal{O}(2; \{2^7, 3^{23}, 6^3\})$	28991030112
6	$\mathcal{O}(2; \{2^3, 3^{26}, 6^3\})$	231928233120
6	$\mathcal{O}(2; \{2^{36}, 6^4\})$	7776
6	$\mathcal{O}(2; \{2^{32}, 3^3, 6^4\})$	54432
6	$\mathcal{O}(2; \{2^{28}, 3^6, 6^4\})$	443232
6	$\mathcal{O}(2; \{2^{24}, 3^9, 6^4\})$	3538080
6	$\mathcal{O}(2; \{2^{20}, 3^{12}, 6^4\})$	28312416
6	$\mathcal{O}(2; \{2^{16}, 3^{15}, 6^4\})$	226491552
6	$\mathcal{O}(2; \{2^{12}, 3^{18}, 6^4\})$	1811940192
6	$\mathcal{O}(2; \{2^8, 3^{21}, 6^4\})$	14495513760
6	$\mathcal{O}(2; \{2^4, 3^{24}, 6^4\})$	115964117856
6	$\mathcal{O}(2; \{3^{27}, 6^4\})$	927712935072
6	$\mathcal{O}(2; \{2^{33}, 3, 6^5\})$	28512
6	$\mathcal{O}(2; \{2^{29}, 3^4, 6^5\})$	220320
6	$\mathcal{O}(2; \{2^{25}, 3^7, 6^5\})$	1770336
6	$\mathcal{O}(2; \{2^{21}, 3^{10}, 6^5\})$	14154912
6	$\mathcal{O}(2; \{2^{17}, 3^{13}, 6^5\})$	113247072
6	$\mathcal{O}(2; \{2^{13}, 3^{16}, 6^5\})$	905968800
6	$\mathcal{O}(2; \{2^9, 3^{19}, 6^5\})$	7247758176
6	$\mathcal{O}(2; \{2^5, 3^{22}, 6^5\})$	57982057632
6	$\mathcal{O}(2; \{2, 3^{25}, 6^5\})$	463856468832
6	$\mathcal{O}(2; \{2^{30}, 3^2, 6^6\})$	111456
6	$\mathcal{O}(2; \{2^{26}, 3^5, 6^6\})$	883872

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{22}, 3^8, 6^6\})$	7078752
6	$\mathcal{O}(2; \{2^{18}, 3^{11}, 6^6\})$	56622240
6	$\mathcal{O}(2; \{2^{14}, 3^{14}, 6^6\})$	452985696
6	$\mathcal{O}(2; \{2^{10}, 3^{17}, 6^6\})$	3623877792
6	$\mathcal{O}(2; \{2^6, 3^{20}, 6^6\})$	28991030112
6	$\mathcal{O}(2; \{2^2, 3^{23}, 6^6\})$	231928233120
6	$\mathcal{O}(2; \{2^{31}, 6^7\})$	54432
6	$\mathcal{O}(2; \{2^{27}, 3^3, 6^7\})$	443232
6	$\mathcal{O}(2; \{2^{23}, 3^6, 6^7\})$	3538080
6	$\mathcal{O}(2; \{2^{19}, 3^9, 6^7\})$	28312416
6	$\mathcal{O}(2; \{2^{15}, 3^{12}, 6^7\})$	226491552
6	$\mathcal{O}(2; \{2^{11}, 3^{15}, 6^7\})$	1811940192
6	$\mathcal{O}(2; \{2^7, 3^{18}, 6^7\})$	14495513760
6	$\mathcal{O}(2; \{2^3, 3^{21}, 6^7\})$	115964117856
6	$\mathcal{O}(2; \{2^{28}, 3, 6^8\})$	220320
6	$\mathcal{O}(2; \{2^{24}, 3^4, 6^8\})$	1770336
6	$\mathcal{O}(2; \{2^{20}, 3^7, 6^8\})$	14154912
6	$\mathcal{O}(2; \{2^{16}, 3^{10}, 6^8\})$	113247072
6	$\mathcal{O}(2; \{2^{12}, 3^{13}, 6^8\})$	905968800
6	$\mathcal{O}(2; \{2^8, 3^{16}, 6^8\})$	7247758176
6	$\mathcal{O}(2; \{2^4, 3^{19}, 6^8\})$	57982057632
6	$\mathcal{O}(2; \{3^{22}, 6^8\})$	463856468832
6	$\mathcal{O}(2; \{2^{25}, 3^2, 6^9\})$	883872
6	$\mathcal{O}(2; \{2^{21}, 3^5, 6^9\})$	7078752
6	$\mathcal{O}(2; \{2^{17}, 3^8, 6^9\})$	56622240
6	$\mathcal{O}(2; \{2^{13}, 3^{11}, 6^9\})$	452985696
6	$\mathcal{O}(2; \{2^9, 3^{14}, 6^9\})$	3623877792
6	$\mathcal{O}(2; \{2^5, 3^{17}, 6^9\})$	28991030112
6	$\mathcal{O}(2; \{2, 3^{20}, 6^9\})$	231928233120
6	$\mathcal{O}(2; \{2^{26}, 6^{10}\})$	443232
6	$\mathcal{O}(2; \{2^{22}, 3^3, 6^{10}\})$	3538080
6	$\mathcal{O}(2; \{2^{18}, 3^6, 6^{10}\})$	28312416
6	$\mathcal{O}(2; \{2^{14}, 3^9, 6^{10}\})$	226491552
6	$\mathcal{O}(2; \{2^{10}, 3^{12}, 6^{10}\})$	1811940192
6	$\mathcal{O}(2; \{2^6, 3^{15}, 6^{10}\})$	14495513760
6	$\mathcal{O}(2; \{2^2, 3^{18}, 6^{10}\})$	115964117856
6	$\mathcal{O}(2; \{2^{23}, 3, 6^{11}\})$	1770336
6	$\mathcal{O}(2; \{2^{19}, 3^4, 6^{11}\})$	14154912
6	$\mathcal{O}(2; \{2^{15}, 3^7, 6^{11}\})$	113247072
6	$\mathcal{O}(2; \{2^{11}, 3^{10}, 6^{11}\})$	905968800
6	$\mathcal{O}(2; \{2^7, 3^{13}, 6^{11}\})$	7247758176
6	$\mathcal{O}(2; \{2^3, 3^{16}, 6^{11}\})$	57982057632
6	$\mathcal{O}(2; \{2^{20}, 3^2, 6^{12}\})$	7078752

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{16}, 3^5, 6^{12}\})$	56622240
6	$\mathcal{O}(2; \{2^{12}, 3^8, 6^{12}\})$	452985696
6	$\mathcal{O}(2; \{2^8, 3^{11}, 6^{12}\})$	3623877792
6	$\mathcal{O}(2; \{2^4, 3^{14}, 6^{12}\})$	28991030112
6	$\mathcal{O}(2; \{3^{17}, 6^{12}\})$	231928233120
6	$\mathcal{O}(2; \{2^{21}, 6^{13}\})$	3538080
6	$\mathcal{O}(2; \{2^{17}, 3^3, 6^{13}\})$	28312416
6	$\mathcal{O}(2; \{2^{13}, 3^6, 6^{13}\})$	226491552
6	$\mathcal{O}(2; \{2^9, 3^9, 6^{13}\})$	1811940192
6	$\mathcal{O}(2; \{2^5, 3^{12}, 6^{13}\})$	14495513760
6	$\mathcal{O}(2; \{2, 3^{15}, 6^{13}\})$	115964117856
6	$\mathcal{O}(2; \{2^{18}, 3, 6^{14}\})$	14154912
6	$\mathcal{O}(2; \{2^{14}, 3^4, 6^{14}\})$	113247072
6	$\mathcal{O}(2; \{2^{10}, 3^7, 6^{14}\})$	905968800
6	$\mathcal{O}(2; \{2^6, 3^{10}, 6^{14}\})$	7247758176
6	$\mathcal{O}(2; \{2^2, 3^{13}, 6^{14}\})$	57982057632
6	$\mathcal{O}(2; \{2^{15}, 3^2, 6^{15}\})$	56622240
6	$\mathcal{O}(2; \{2^{11}, 3^5, 6^{15}\})$	452985696
6	$\mathcal{O}(2; \{2^7, 3^8, 6^{15}\})$	3623877792
6	$\mathcal{O}(2; \{2^3, 3^{11}, 6^{15}\})$	28991030112
6	$\mathcal{O}(2; \{2^{16}, 6^{16}\})$	28312416
6	$\mathcal{O}(2; \{2^{12}, 3^3, 6^{16}\})$	226491552
6	$\mathcal{O}(2; \{2^8, 3^6, 6^{16}\})$	1811940192
6	$\mathcal{O}(2; \{2^4, 3^9, 6^{16}\})$	14495513760
6	$\mathcal{O}(2; \{3^{12}, 6^{16}\})$	115964117856
6	$\mathcal{O}(2; \{2^{13}, 3, 6^{17}\})$	113247072
6	$\mathcal{O}(2; \{2^9, 3^4, 6^{17}\})$	905968800
6	$\mathcal{O}(2; \{2^5, 3^7, 6^{17}\})$	7247758176
6	$\mathcal{O}(2; \{2, 3^{10}, 6^{17}\})$	57982057632
6	$\mathcal{O}(2; \{2^{10}, 3^2, 6^{18}\})$	452985696
6	$\mathcal{O}(2; \{2^6, 3^5, 6^{18}\})$	3623877792
6	$\mathcal{O}(2; \{2^2, 3^8, 6^{18}\})$	28991030112
6	$\mathcal{O}(2; \{2^{11}, 6^{19}\})$	226491552
6	$\mathcal{O}(2; \{2^7, 3^3, 6^{19}\})$	1811940192
6	$\mathcal{O}(2; \{2^3, 3^6, 6^{19}\})$	14495513760
6	$\mathcal{O}(2; \{2^8, 3, 6^{20}\})$	905968800
6	$\mathcal{O}(2; \{2^4, 3^4, 6^{20}\})$	7247758176
6	$\mathcal{O}(2; \{3^7, 6^{20}\})$	57982057632
6	$\mathcal{O}(2; \{2^5, 3^2, 6^{21}\})$	3623877792
6	$\mathcal{O}(2; \{2, 3^5, 6^{21}\})$	28991030112
6	$\mathcal{O}(2; \{2^6, 6^{22}\})$	1811940192
6	$\mathcal{O}(2; \{2^2, 3^3, 6^{22}\})$	14495513760
6	$\mathcal{O}(2; \{2^3, 3, 6^{23}\})$	7247758176

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{3^2, 6^{24}\})$	28991030112
6	$\mathcal{O}(2; \{2, 6^{25}\})$	14495513760
6	$\mathcal{O}(1; \{2^{44}, 3^2\})$	72
6	$\mathcal{O}(1; \{2^{40}, 3^5\})$	360
6	$\mathcal{O}(1; \{2^{36}, 3^8\})$	3096
6	$\mathcal{O}(1; \{2^{32}, 3^{11}\})$	24552
6	$\mathcal{O}(1; \{2^{28}, 3^{14}\})$	196632
6	$\mathcal{O}(1; \{2^{24}, 3^{17}\})$	1572840
6	$\mathcal{O}(1; \{2^{20}, 3^{20}\})$	12582936
6	$\mathcal{O}(1; \{2^{16}, 3^{23}\})$	100663272
6	$\mathcal{O}(1; \{2^{12}, 3^{26}\})$	805306392
6	$\mathcal{O}(1; \{2^8, 3^{29}\})$	6442450920
6	$\mathcal{O}(1; \{2^4, 3^{32}\})$	51539607576
6	$\mathcal{O}(1; \{3^{35}\})$	309237645294
6	$\mathcal{O}(1; \{2^{41}, 3^3, 6\})$	216
6	$\mathcal{O}(1; \{2^{37}, 3^6, 6\})$	1512
6	$\mathcal{O}(1; \{2^{33}, 3^9, 6\})$	12312
6	$\mathcal{O}(1; \{2^{29}, 3^{12}, 6\})$	98280
6	$\mathcal{O}(1; \{2^{25}, 3^{15}, 6\})$	786456
6	$\mathcal{O}(1; \{2^{21}, 3^{18}, 6\})$	6291432
6	$\mathcal{O}(1; \{2^{17}, 3^{21}, 6\})$	50331672
6	$\mathcal{O}(1; \{2^{13}, 3^{24}, 6\})$	402653160
6	$\mathcal{O}(1; \{2^9, 3^{27}, 6\})$	3221225496
6	$\mathcal{O}(1; \{2^5, 3^{30}, 6\})$	25769803752
6	$\mathcal{O}(1; \{2, 3^{33}, 6\})$	206158430232
6	$\mathcal{O}(1; \{2^{42}, 3, 6^2\})$	72
6	$\mathcal{O}(1; \{2^{38}, 3^4, 6^2\})$	792
6	$\mathcal{O}(1; \{2^{34}, 3^7, 6^2\})$	6120
6	$\mathcal{O}(1; \{2^{30}, 3^{10}, 6^2\})$	49176
6	$\mathcal{O}(1; \{2^{26}, 3^{13}, 6^2\})$	393192
6	$\mathcal{O}(1; \{2^{22}, 3^{16}, 6^2\})$	3145752
6	$\mathcal{O}(1; \{2^{18}, 3^{19}, 6^2\})$	25165800
6	$\mathcal{O}(1; \{2^{14}, 3^{22}, 6^2\})$	201326616
6	$\mathcal{O}(1; \{2^{10}, 3^{25}, 6^2\})$	1610612712
6	$\mathcal{O}(1; \{2^6, 3^{28}, 6^2\})$	12884901912
6	$\mathcal{O}(1; \{2^2, 3^{31}, 6^2\})$	103079215080
6	$\mathcal{O}(1; \{2^{39}, 3^2, 6^3\})$	360
6	$\mathcal{O}(1; \{2^{35}, 3^5, 6^3\})$	3096
6	$\mathcal{O}(1; \{2^{31}, 3^8, 6^3\})$	24552
6	$\mathcal{O}(1; \{2^{27}, 3^{11}, 6^3\})$	196632
6	$\mathcal{O}(1; \{2^{23}, 3^{14}, 6^3\})$	1572840
6	$\mathcal{O}(1; \{2^{19}, 3^{17}, 6^3\})$	12582936
6	$\mathcal{O}(1; \{2^{15}, 3^{20}, 6^3\})$	100663272

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{11}, 3^{23}, 6^3\})$	805306392
6	$\mathcal{O}(1; \{2^7, 3^{26}, 6^3\})$	6442450920
6	$\mathcal{O}(1; \{2^3, 3^{29}, 6^3\})$	51539607576
6	$\mathcal{O}(1; \{2^{40}, 6^4\})$	216
6	$\mathcal{O}(1; \{2^{36}, 3^3, 6^4\})$	1512
6	$\mathcal{O}(1; \{2^{32}, 3^6, 6^4\})$	12312
6	$\mathcal{O}(1; \{2^{28}, 3^9, 6^4\})$	98280
6	$\mathcal{O}(1; \{2^{24}, 3^{12}, 6^4\})$	786456
6	$\mathcal{O}(1; \{2^{20}, 3^{15}, 6^4\})$	6291432
6	$\mathcal{O}(1; \{2^{16}, 3^{18}, 6^4\})$	50331672
6	$\mathcal{O}(1; \{2^{12}, 3^{21}, 6^4\})$	402653160
6	$\mathcal{O}(1; \{2^8, 3^{24}, 6^4\})$	3221225496
6	$\mathcal{O}(1; \{2^4, 3^{27}, 6^4\})$	25769803752
6	$\mathcal{O}(1; \{3^{30}, 6^4\})$	206158430232
6	$\mathcal{O}(1; \{2^{37}, 3, 6^5\})$	792
6	$\mathcal{O}(1; \{2^{33}, 3^4, 6^5\})$	6120
6	$\mathcal{O}(1; \{2^{29}, 3^7, 6^5\})$	49176
6	$\mathcal{O}(1; \{2^{25}, 3^{10}, 6^5\})$	393192
6	$\mathcal{O}(1; \{2^{21}, 3^{13}, 6^5\})$	3145752
6	$\mathcal{O}(1; \{2^{17}, 3^{16}, 6^5\})$	25165800
6	$\mathcal{O}(1; \{2^{13}, 3^{19}, 6^5\})$	201326616
6	$\mathcal{O}(1; \{2^9, 3^{22}, 6^5\})$	1610612712
6	$\mathcal{O}(1; \{2^5, 3^{25}, 6^5\})$	12884901912
6	$\mathcal{O}(1; \{2, 3^{28}, 6^5\})$	103079215080
6	$\mathcal{O}(1; \{2^{34}, 3^2, 6^6\})$	3096
6	$\mathcal{O}(1; \{2^{30}, 3^5, 6^6\})$	24552
6	$\mathcal{O}(1; \{2^{26}, 3^8, 6^6\})$	196632
6	$\mathcal{O}(1; \{2^{22}, 3^{11}, 6^6\})$	1572840
6	$\mathcal{O}(1; \{2^{18}, 3^{14}, 6^6\})$	12582936
6	$\mathcal{O}(1; \{2^{14}, 3^{17}, 6^6\})$	100663272
6	$\mathcal{O}(1; \{2^{10}, 3^{20}, 6^6\})$	805306392
6	$\mathcal{O}(1; \{2^6, 3^{23}, 6^6\})$	6442450920
6	$\mathcal{O}(1; \{2^2, 3^{26}, 6^6\})$	51539607576
6	$\mathcal{O}(1; \{2^{35}, 6^7\})$	1512
6	$\mathcal{O}(1; \{2^{31}, 3^3, 6^7\})$	12312
6	$\mathcal{O}(1; \{2^{27}, 3^6, 6^7\})$	98280
6	$\mathcal{O}(1; \{2^{23}, 3^9, 6^7\})$	786456
6	$\mathcal{O}(1; \{2^{19}, 3^{12}, 6^7\})$	6291432
6	$\mathcal{O}(1; \{2^{15}, 3^{15}, 6^7\})$	50331672
6	$\mathcal{O}(1; \{2^{11}, 3^{18}, 6^7\})$	402653160
6	$\mathcal{O}(1; \{2^7, 3^{21}, 6^7\})$	3221225496
6	$\mathcal{O}(1; \{2^3, 3^{24}, 6^7\})$	25769803752
6	$\mathcal{O}(1; \{2^{32}, 3, 6^8\})$	6120

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{28}, 3^4, 6^8\})$	49176
6	$\mathcal{O}(1; \{2^{24}, 3^7, 6^8\})$	393192
6	$\mathcal{O}(1; \{2^{20}, 3^{10}, 6^8\})$	3145752
6	$\mathcal{O}(1; \{2^{16}, 3^{13}, 6^8\})$	25165800
6	$\mathcal{O}(1; \{2^{12}, 3^{16}, 6^8\})$	201326616
6	$\mathcal{O}(1; \{2^8, 3^{19}, 6^8\})$	1610612712
6	$\mathcal{O}(1; \{2^4, 3^{22}, 6^8\})$	12884901912
6	$\mathcal{O}(1; \{3^{25}, 6^8\})$	103079215080
6	$\mathcal{O}(1; \{2^{29}, 3^2, 6^9\})$	24552
6	$\mathcal{O}(1; \{2^{25}, 3^5, 6^9\})$	196632
6	$\mathcal{O}(1; \{2^{21}, 3^8, 6^9\})$	1572840
6	$\mathcal{O}(1; \{2^{17}, 3^{11}, 6^9\})$	12582936
6	$\mathcal{O}(1; \{2^{13}, 3^{14}, 6^9\})$	100663272
6	$\mathcal{O}(1; \{2^9, 3^{17}, 6^9\})$	805306392
6	$\mathcal{O}(1; \{2^5, 3^{20}, 6^9\})$	6442450920
6	$\mathcal{O}(1; \{2, 3^{23}, 6^9\})$	51539607576
6	$\mathcal{O}(1; \{2^{30}, 6^{10}\})$	12312
6	$\mathcal{O}(1; \{2^{26}, 3^3, 6^{10}\})$	98280
6	$\mathcal{O}(1; \{2^{22}, 3^6, 6^{10}\})$	786456
6	$\mathcal{O}(1; \{2^{18}, 3^9, 6^{10}\})$	6291432
6	$\mathcal{O}(1; \{2^{14}, 3^{12}, 6^{10}\})$	50331672
6	$\mathcal{O}(1; \{2^{10}, 3^{15}, 6^{10}\})$	402653160
6	$\mathcal{O}(1; \{2^6, 3^{18}, 6^{10}\})$	3221225496
6	$\mathcal{O}(1; \{2^2, 3^{21}, 6^{10}\})$	25769803752
6	$\mathcal{O}(1; \{2^{27}, 3, 6^{11}\})$	49176
6	$\mathcal{O}(1; \{2^{23}, 3^4, 6^{11}\})$	393192
6	$\mathcal{O}(1; \{2^{19}, 3^7, 6^{11}\})$	3145752
6	$\mathcal{O}(1; \{2^{15}, 3^{10}, 6^{11}\})$	25165800
6	$\mathcal{O}(1; \{2^{11}, 3^{13}, 6^{11}\})$	201326616
6	$\mathcal{O}(1; \{2^7, 3^{16}, 6^{11}\})$	1610612712
6	$\mathcal{O}(1; \{2^3, 3^{19}, 6^{11}\})$	12884901912
6	$\mathcal{O}(1; \{2^{24}, 3^2, 6^{12}\})$	196632
6	$\mathcal{O}(1; \{2^{20}, 3^5, 6^{12}\})$	1572840
6	$\mathcal{O}(1; \{2^{16}, 3^8, 6^{12}\})$	12582936
6	$\mathcal{O}(1; \{2^{12}, 3^{11}, 6^{12}\})$	100663272
6	$\mathcal{O}(1; \{2^8, 3^{14}, 6^{12}\})$	805306392
6	$\mathcal{O}(1; \{2^4, 3^{17}, 6^{12}\})$	6442450920
6	$\mathcal{O}(1; \{3^{20}, 6^{12}\})$	51539607576
6	$\mathcal{O}(1; \{2^{25}, 6^{13}\})$	98280
6	$\mathcal{O}(1; \{2^{21}, 3^3, 6^{13}\})$	786456
6	$\mathcal{O}(1; \{2^{17}, 3^6, 6^{13}\})$	6291432
6	$\mathcal{O}(1; \{2^{13}, 3^9, 6^{13}\})$	50331672
6	$\mathcal{O}(1; \{2^9, 3^{12}, 6^{13}\})$	402653160

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^5, 3^{15}, 6^{13}\})$	3221225496
6	$\mathcal{O}(1; \{2, 3^{18}, 6^{13}\})$	25769803752
6	$\mathcal{O}(1; \{2^{22}, 3, 6^{14}\})$	393192
6	$\mathcal{O}(1; \{2^{18}, 3^4, 6^{14}\})$	3145752
6	$\mathcal{O}(1; \{2^{14}, 3^7, 6^{14}\})$	25165800
6	$\mathcal{O}(1; \{2^{10}, 3^{10}, 6^{14}\})$	201326616
6	$\mathcal{O}(1; \{2^6, 3^{13}, 6^{14}\})$	1610612712
6	$\mathcal{O}(1; \{2^2, 3^{16}, 6^{14}\})$	12884901912
6	$\mathcal{O}(1; \{2^{19}, 3^2, 6^{15}\})$	1572840
6	$\mathcal{O}(1; \{2^{15}, 3^5, 6^{15}\})$	12582936
6	$\mathcal{O}(1; \{2^{11}, 3^8, 6^{15}\})$	100663272
6	$\mathcal{O}(1; \{2^7, 3^{11}, 6^{15}\})$	805306392
6	$\mathcal{O}(1; \{2^3, 3^{14}, 6^{15}\})$	6442450920
6	$\mathcal{O}(1; \{2^{20}, 6^{16}\})$	786456
6	$\mathcal{O}(1; \{2^{16}, 3^3, 6^{16}\})$	6291432
6	$\mathcal{O}(1; \{2^{12}, 3^6, 6^{16}\})$	50331672
6	$\mathcal{O}(1; \{2^8, 3^9, 6^{16}\})$	402653160
6	$\mathcal{O}(1; \{2^4, 3^{12}, 6^{16}\})$	3221225496
6	$\mathcal{O}(1; \{3^{15}, 6^{16}\})$	25769803752
6	$\mathcal{O}(1; \{2^{17}, 3, 6^{17}\})$	3145752
6	$\mathcal{O}(1; \{2^{13}, 3^4, 6^{17}\})$	25165800
6	$\mathcal{O}(1; \{2^9, 3^7, 6^{17}\})$	201326616
6	$\mathcal{O}(1; \{2^5, 3^{10}, 6^{17}\})$	1610612712
6	$\mathcal{O}(1; \{2, 3^{13}, 6^{17}\})$	12884901912
6	$\mathcal{O}(1; \{2^{14}, 3^2, 6^{18}\})$	12582936
6	$\mathcal{O}(1; \{2^{10}, 3^5, 6^{18}\})$	100663272
6	$\mathcal{O}(1; \{2^6, 3^8, 6^{18}\})$	805306392
6	$\mathcal{O}(1; \{2^2, 3^{11}, 6^{18}\})$	6442450920
6	$\mathcal{O}(1; \{2^{15}, 6^{19}\})$	6291432
6	$\mathcal{O}(1; \{2^{11}, 3^3, 6^{19}\})$	50331672
6	$\mathcal{O}(1; \{2^7, 3^6, 6^{19}\})$	402653160
6	$\mathcal{O}(1; \{2^3, 3^9, 6^{19}\})$	3221225496
6	$\mathcal{O}(1; \{2^{12}, 3, 6^{20}\})$	25165800
6	$\mathcal{O}(1; \{2^8, 3^4, 6^{20}\})$	201326616
6	$\mathcal{O}(1; \{2^4, 3^7, 6^{20}\})$	1610612712
6	$\mathcal{O}(1; \{3^{10}, 6^{20}\})$	12884901912
6	$\mathcal{O}(1; \{2^9, 3^2, 6^{21}\})$	100663272
6	$\mathcal{O}(1; \{2^5, 3^5, 6^{21}\})$	805306392
6	$\mathcal{O}(1; \{2, 3^8, 6^{21}\})$	6442450920
6	$\mathcal{O}(1; \{2^{10}, 6^{22}\})$	50331672
6	$\mathcal{O}(1; \{2^6, 3^3, 6^{22}\})$	402653160
6	$\mathcal{O}(1; \{2^2, 3^6, 6^{22}\})$	3221225496
6	$\mathcal{O}(1; \{2^7, 3, 6^{23}\})$	201326616

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^3, 3^4, 6^{23}\})$	1610612712
6	$\mathcal{O}(1; \{2^4, 3^2, 6^{24}\})$	805306392
6	$\mathcal{O}(1; \{3^5, 6^{24}\})$	6442450920
6	$\mathcal{O}(1; \{2^5, 6^{25}\})$	402653160
6	$\mathcal{O}(1; \{2, 3^3, 6^{25}\})$	3221225496
6	$\mathcal{O}(1; \{2^2, 3, 6^{26}\})$	1610612712
6	$\mathcal{O}(1; \{6^{28}\})$	3221225496
6	$\mathcal{O}(0; \{2^{48}, 3^2\})$	2
6	$\mathcal{O}(0; \{2^{44}, 3^5\})$	10
6	$\mathcal{O}(0; \{2^{40}, 3^8\})$	86
6	$\mathcal{O}(0; \{2^{36}, 3^{11}\})$	682
6	$\mathcal{O}(0; \{2^{32}, 3^{14}\})$	5462
6	$\mathcal{O}(0; \{2^{28}, 3^{17}\})$	43690
6	$\mathcal{O}(0; \{2^{24}, 3^{20}\})$	349526
6	$\mathcal{O}(0; \{2^{20}, 3^{23}\})$	2796202
6	$\mathcal{O}(0; \{2^{16}, 3^{26}\})$	22369622
6	$\mathcal{O}(0; \{2^{12}, 3^{29}\})$	178956970
6	$\mathcal{O}(0; \{2^8, 3^{32}\})$	1431655766
6	$\mathcal{O}(0; \{2^4, 3^{35}\})$	11453246122
6	$\mathcal{O}(0; \{2^{45}, 3^3, 6\})$	6
6	$\mathcal{O}(0; \{2^{41}, 3^6, 6\})$	42
6	$\mathcal{O}(0; \{2^{37}, 3^9, 6\})$	342
6	$\mathcal{O}(0; \{2^{33}, 3^{12}, 6\})$	2730
6	$\mathcal{O}(0; \{2^{29}, 3^{15}, 6\})$	21846
6	$\mathcal{O}(0; \{2^{25}, 3^{18}, 6\})$	174762
6	$\mathcal{O}(0; \{2^{21}, 3^{21}, 6\})$	1398102
6	$\mathcal{O}(0; \{2^{17}, 3^{24}, 6\})$	11184810
6	$\mathcal{O}(0; \{2^{13}, 3^{27}, 6\})$	89478486
6	$\mathcal{O}(0; \{2^9, 3^{30}, 6\})$	715827882
6	$\mathcal{O}(0; \{2^5, 3^{33}, 6\})$	5726623062
6	$\mathcal{O}(0; \{2, 3^{36}, 6\})$	45812984490
6	$\mathcal{O}(0; \{2^{46}, 3, 6^2\})$	2
6	$\mathcal{O}(0; \{2^{42}, 3^4, 6^2\})$	22
6	$\mathcal{O}(0; \{2^{38}, 3^7, 6^2\})$	170
6	$\mathcal{O}(0; \{2^{34}, 3^{10}, 6^2\})$	1366
6	$\mathcal{O}(0; \{2^{30}, 3^{13}, 6^2\})$	10922
6	$\mathcal{O}(0; \{2^{26}, 3^{16}, 6^2\})$	87382
6	$\mathcal{O}(0; \{2^{22}, 3^{19}, 6^2\})$	699050
6	$\mathcal{O}(0; \{2^{18}, 3^{22}, 6^2\})$	5592406
6	$\mathcal{O}(0; \{2^{14}, 3^{25}, 6^2\})$	44739242
6	$\mathcal{O}(0; \{2^{10}, 3^{28}, 6^2\})$	357913942
6	$\mathcal{O}(0; \{2^6, 3^{31}, 6^2\})$	2863311530
6	$\mathcal{O}(0; \{2^2, 3^{34}, 6^2\})$	22906492246

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Table 1 – continued from previous page

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

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^2, 3^{29}, 6^6\})$	11453246122
6	$\mathcal{O}(0; \{2^{39}, 6^7\})$	42
6	$\mathcal{O}(0; \{2^{35}, 3^3, 6^7\})$	342
6	$\mathcal{O}(0; \{2^{31}, 3^6, 6^7\})$	2730
6	$\mathcal{O}(0; \{2^{27}, 3^9, 6^7\})$	21846
6	$\mathcal{O}(0; \{2^{23}, 3^{12}, 6^7\})$	174762
6	$\mathcal{O}(0; \{2^{19}, 3^{15}, 6^7\})$	1398102
6	$\mathcal{O}(0; \{2^{15}, 3^{18}, 6^7\})$	11184810
6	$\mathcal{O}(0; \{2^{11}, 3^{21}, 6^7\})$	89478486
6	$\mathcal{O}(0; \{2^7, 3^{24}, 6^7\})$	715827882
6	$\mathcal{O}(0; \{2^3, 3^{27}, 6^7\})$	5726623062
6	$\mathcal{O}(0; \{2^{36}, 3, 6^8\})$	170
6	$\mathcal{O}(0; \{2^{32}, 3^4, 6^8\})$	1366
6	$\mathcal{O}(0; \{2^{28}, 3^7, 6^8\})$	10922
6	$\mathcal{O}(0; \{2^{24}, 3^{10}, 6^8\})$	87382
6	$\mathcal{O}(0; \{2^{20}, 3^{13}, 6^8\})$	699050
6	$\mathcal{O}(0; \{2^{16}, 3^{16}, 6^8\})$	5592406
6	$\mathcal{O}(0; \{2^{12}, 3^{19}, 6^8\})$	44739242
6	$\mathcal{O}(0; \{2^8, 3^{22}, 6^8\})$	357913942
6	$\mathcal{O}(0; \{2^4, 3^{25}, 6^8\})$	2863311530
6	$\mathcal{O}(0; \{3^{28}, 6^8\})$	22906492246
6	$\mathcal{O}(0; \{2^{33}, 3^2, 6^9\})$	682
6	$\mathcal{O}(0; \{2^{29}, 3^5, 6^9\})$	5462
6	$\mathcal{O}(0; \{2^{25}, 3^8, 6^9\})$	43690
6	$\mathcal{O}(0; \{2^{21}, 3^{11}, 6^9\})$	349526
6	$\mathcal{O}(0; \{2^{17}, 3^{14}, 6^9\})$	2796202
6	$\mathcal{O}(0; \{2^{13}, 3^{17}, 6^9\})$	22369622
6	$\mathcal{O}(0; \{2^9, 3^{20}, 6^9\})$	178956970
6	$\mathcal{O}(0; \{2^5, 3^{23}, 6^9\})$	1431655766
6	$\mathcal{O}(0; \{2, 3^{26}, 6^9\})$	11453246122
6	$\mathcal{O}(0; \{2^{34}, 6^{10}\})$	342
6	$\mathcal{O}(0; \{2^{30}, 3^3, 6^{10}\})$	2730
6	$\mathcal{O}(0; \{2^{26}, 3^6, 6^{10}\})$	21846
6	$\mathcal{O}(0; \{2^{22}, 3^9, 6^{10}\})$	174762
6	$\mathcal{O}(0; \{2^{18}, 3^{12}, 6^{10}\})$	1398102
6	$\mathcal{O}(0; \{2^{14}, 3^{15}, 6^{10}\})$	11184810
6	$\mathcal{O}(0; \{2^{10}, 3^{18}, 6^{10}\})$	89478486
6	$\mathcal{O}(0; \{2^6, 3^{21}, 6^{10}\})$	715827882
6	$\mathcal{O}(0; \{2^2, 3^{24}, 6^{10}\})$	5726623062
6	$\mathcal{O}(0; \{2^{31}, 3, 6^{11}\})$	1366
6	$\mathcal{O}(0; \{2^{27}, 3^4, 6^{11}\})$	10922
6	$\mathcal{O}(0; \{2^{23}, 3^7, 6^{11}\})$	87382
6	$\mathcal{O}(0; \{2^{19}, 3^{10}, 6^{11}\})$	699050

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{15}, 3^{13}, 6^{11}\})$	5592406
6	$\mathcal{O}(0; \{2^{11}, 3^{16}, 6^{11}\})$	44739242
6	$\mathcal{O}(0; \{2^7, 3^{19}, 6^{11}\})$	357913942
6	$\mathcal{O}(0; \{2^3, 3^{22}, 6^{11}\})$	2863311530
6	$\mathcal{O}(0; \{2^{28}, 3^2, 6^{12}\})$	5462
6	$\mathcal{O}(0; \{2^{24}, 3^5, 6^{12}\})$	43690
6	$\mathcal{O}(0; \{2^{20}, 3^8, 6^{12}\})$	349526
6	$\mathcal{O}(0; \{2^{16}, 3^{11}, 6^{12}\})$	2796202
6	$\mathcal{O}(0; \{2^{12}, 3^{14}, 6^{12}\})$	22369622
6	$\mathcal{O}(0; \{2^8, 3^{17}, 6^{12}\})$	178956970
6	$\mathcal{O}(0; \{2^4, 3^{20}, 6^{12}\})$	1431655766
6	$\mathcal{O}(0; \{3^{23}, 6^{12}\})$	11453246122
6	$\mathcal{O}(0; \{2^{29}, 6^{13}\})$	2730
6	$\mathcal{O}(0; \{2^{25}, 3^3, 6^{13}\})$	21846
6	$\mathcal{O}(0; \{2^{21}, 3^6, 6^{13}\})$	174762
6	$\mathcal{O}(0; \{2^{17}, 3^9, 6^{13}\})$	1398102
6	$\mathcal{O}(0; \{2^{13}, 3^{12}, 6^{13}\})$	11184810
6	$\mathcal{O}(0; \{2^9, 3^{15}, 6^{13}\})$	89478486
6	$\mathcal{O}(0; \{2^5, 3^{18}, 6^{13}\})$	715827882
6	$\mathcal{O}(0; \{2, 3^{21}, 6^{13}\})$	5726623062
6	$\mathcal{O}(0; \{2^{26}, 3, 6^{14}\})$	10922
6	$\mathcal{O}(0; \{2^{22}, 3^4, 6^{14}\})$	87382
6	$\mathcal{O}(0; \{2^{18}, 3^7, 6^{14}\})$	699050
6	$\mathcal{O}(0; \{2^{14}, 3^{10}, 6^{14}\})$	5592406
6	$\mathcal{O}(0; \{2^{10}, 3^{13}, 6^{14}\})$	44739242
6	$\mathcal{O}(0; \{2^6, 3^{16}, 6^{14}\})$	357913942
6	$\mathcal{O}(0; \{2^2, 3^{19}, 6^{14}\})$	2863311530
6	$\mathcal{O}(0; \{2^{23}, 3^2, 6^{15}\})$	43690
6	$\mathcal{O}(0; \{2^{19}, 3^5, 6^{15}\})$	349526
6	$\mathcal{O}(0; \{2^{15}, 3^8, 6^{15}\})$	2796202
6	$\mathcal{O}(0; \{2^{11}, 3^{11}, 6^{15}\})$	22369622
6	$\mathcal{O}(0; \{2^7, 3^{14}, 6^{15}\})$	178956970
6	$\mathcal{O}(0; \{2^3, 3^{17}, 6^{15}\})$	1431655766
6	$\mathcal{O}(0; \{2^{24}, 6^{16}\})$	21846
6	$\mathcal{O}(0; \{2^{20}, 3^3, 6^{16}\})$	174762
6	$\mathcal{O}(0; \{2^{16}, 3^6, 6^{16}\})$	1398102
6	$\mathcal{O}(0; \{2^{12}, 3^9, 6^{16}\})$	11184810
6	$\mathcal{O}(0; \{2^8, 3^{12}, 6^{16}\})$	89478486
6	$\mathcal{O}(0; \{2^4, 3^{15}, 6^{16}\})$	715827882
6	$\mathcal{O}(0; \{3^{18}, 6^{16}\})$	5726623062
6	$\mathcal{O}(0; \{2^{21}, 3, 6^{17}\})$	87382
6	$\mathcal{O}(0; \{2^{17}, 3^4, 6^{17}\})$	699050
6	$\mathcal{O}(0; \{2^{13}, 3^7, 6^{17}\})$	5592406

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^9, 3^{10}, 6^{17}\})$	44739242
6	$\mathcal{O}(0; \{2^5, 3^{13}, 6^{17}\})$	357913942
6	$\mathcal{O}(0; \{2, 3^{16}, 6^{17}\})$	2863311530
6	$\mathcal{O}(0; \{2^{18}, 3^2, 6^{18}\})$	349526
6	$\mathcal{O}(0; \{2^{14}, 3^5, 6^{18}\})$	2796202
6	$\mathcal{O}(0; \{2^{10}, 3^8, 6^{18}\})$	22369622
6	$\mathcal{O}(0; \{2^6, 3^{11}, 6^{18}\})$	178956970
6	$\mathcal{O}(0; \{2^2, 3^{14}, 6^{18}\})$	1431655766
6	$\mathcal{O}(0; \{2^{19}, 6^{19}\})$	174762
6	$\mathcal{O}(0; \{2^{15}, 3^3, 6^{19}\})$	1398102
6	$\mathcal{O}(0; \{2^{11}, 3^6, 6^{19}\})$	11184810
6	$\mathcal{O}(0; \{2^7, 3^9, 6^{19}\})$	89478486
6	$\mathcal{O}(0; \{2^3, 3^{12}, 6^{19}\})$	715827882
6	$\mathcal{O}(0; \{2^{16}, 3, 6^{20}\})$	699050
6	$\mathcal{O}(0; \{2^{12}, 3^4, 6^{20}\})$	5592406
6	$\mathcal{O}(0; \{2^8, 3^7, 6^{20}\})$	44739242
6	$\mathcal{O}(0; \{2^4, 3^{10}, 6^{20}\})$	357913942
6	$\mathcal{O}(0; \{3^{13}, 6^{20}\})$	2863311530
6	$\mathcal{O}(0; \{2^{13}, 3^2, 6^{21}\})$	2796202
6	$\mathcal{O}(0; \{2^9, 3^5, 6^{21}\})$	22369622
6	$\mathcal{O}(0; \{2^5, 3^8, 6^{21}\})$	178956970
6	$\mathcal{O}(0; \{2, 3^{11}, 6^{21}\})$	1431655766
6	$\mathcal{O}(0; \{2^{14}, 6^{22}\})$	1398102
6	$\mathcal{O}(0; \{2^{10}, 3^3, 6^{22}\})$	11184810
6	$\mathcal{O}(0; \{2^6, 3^6, 6^{22}\})$	89478486
6	$\mathcal{O}(0; \{2^2, 3^9, 6^{22}\})$	715827882
6	$\mathcal{O}(0; \{2^{11}, 3, 6^{23}\})$	5592406
6	$\mathcal{O}(0; \{2^7, 3^4, 6^{23}\})$	44739242
6	$\mathcal{O}(0; \{2^3, 3^7, 6^{23}\})$	357913942
6	$\mathcal{O}(0; \{2^8, 3^2, 6^{24}\})$	22369622
6	$\mathcal{O}(0; \{2^4, 3^5, 6^{24}\})$	178956970
6	$\mathcal{O}(0; \{3^8, 6^{24}\})$	1431655766
6	$\mathcal{O}(0; \{2^9, 6^{25}\})$	11184810
6	$\mathcal{O}(0; \{2^5, 3^3, 6^{25}\})$	89478486
6	$\mathcal{O}(0; \{2, 3^6, 6^{25}\})$	715827882
6	$\mathcal{O}(0; \{2^6, 3, 6^{26}\})$	44739242
6	$\mathcal{O}(0; \{2^2, 3^4, 6^{26}\})$	357913942
6	$\mathcal{O}(0; \{2^3, 3^2, 6^{27}\})$	178956970
6	$\mathcal{O}(0; \{2^4, 6^{28}\})$	89478486
6	$\mathcal{O}(0; \{3^3, 6^{28}\})$	715827882
6	$\mathcal{O}(0; \{2, 3, 6^{29}\})$	357913942
7	$\mathcal{O}(11; \emptyset)$	3909821048582988048
7	$\mathcal{O}(8; \{7^7\})$	1328984893478343990

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
7	$\mathcal{O}(5; \{7^{14}\})$	3162276681055615914
7	$\mathcal{O}(2; \{7^{21}\})$	7524374069649602550
8	$\mathcal{O}(9; \{4^2\})$	36028659580010496
8	$\mathcal{O}(8; \{2^4, 4^2\})$	562941363486720
8	$\mathcal{O}(8; \{2, 4^4\})$	2251765453946880
8	$\mathcal{O}(8; \{2^2, 4, 8^2\})$	2251799813685248
8	$\mathcal{O}(8; \{8^4\})$	18014398509481984
8	$\mathcal{O}(7; \{2^8, 4^2\})$	8795556151296
8	$\mathcal{O}(7; \{2^5, 4^4\})$	35182224605184
8	$\mathcal{O}(7; \{2^2, 4^6\})$	140728898420736
8	$\mathcal{O}(7; \{2^6, 4, 8^2\})$	35184372088832
8	$\mathcal{O}(7; \{2^3, 4^3, 8^2\})$	140737488355328
8	$\mathcal{O}(7; \{4^5, 8^2\})$	562949953421312
8	$\mathcal{O}(7; \{2^4, 8^4\})$	281474976710656
8	$\mathcal{O}(7; \{2, 4^2, 8^4\})$	1125899906842624
8	$\mathcal{O}(6; \{2^{12}, 4^2\})$	137405399040
8	$\mathcal{O}(6; \{2^9, 4^4\})$	549621596160
8	$\mathcal{O}(6; \{2^6, 4^6\})$	2198486384640
8	$\mathcal{O}(6; \{2^3, 4^8\})$	8793945538560
8	$\mathcal{O}(6; \{4^{10}\})$	35175782154240
8	$\mathcal{O}(6; \{2^{10}, 4, 8^2\})$	549755813888
8	$\mathcal{O}(6; \{2^7, 4^3, 8^2\})$	2199023255552
8	$\mathcal{O}(6; \{2^4, 4^5, 8^2\})$	8796093022208
8	$\mathcal{O}(6; \{2, 4^7, 8^2\})$	35184372088832
8	$\mathcal{O}(6; \{2^8, 8^4\})$	4398046511104
8	$\mathcal{O}(6; \{2^5, 4^2, 8^4\})$	17592186044416
8	$\mathcal{O}(6; \{2^2, 4^4, 8^4\})$	70368744177664
8	$\mathcal{O}(6; \{2^3, 4, 8^6\})$	140737488355328
8	$\mathcal{O}(6; \{4^3, 8^6\})$	562949953421312
8	$\mathcal{O}(6; \{2, 8^8\})$	1125899906842624
8	$\mathcal{O}(5; \{2^{16}, 4^2\})$	2145386496
8	$\mathcal{O}(5; \{2^{13}, 4^4\})$	8581545984
8	$\mathcal{O}(5; \{2^{10}, 4^6\})$	34326183936
8	$\mathcal{O}(5; \{2^7, 4^8\})$	137304735744
8	$\mathcal{O}(5; \{2^4, 4^{10}\})$	549218942976
8	$\mathcal{O}(5; \{2, 4^{12}\})$	2196875771904
8	$\mathcal{O}(5; \{2^{14}, 4, 8^2\})$	8589934592
8	$\mathcal{O}(5; \{2^{11}, 4^3, 8^2\})$	34359738368
8	$\mathcal{O}(5; \{2^8, 4^5, 8^2\})$	137438953472
8	$\mathcal{O}(5; \{2^5, 4^7, 8^2\})$	549755813888
8	$\mathcal{O}(5; \{2^2, 4^9, 8^2\})$	2199023255552
8	$\mathcal{O}(5; \{2^{12}, 8^4\})$	68719476736
8	$\mathcal{O}(5; \{2^9, 4^2, 8^4\})$	274877906944

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{2^6, 4^4, 8^4\})$	1099511627776
8	$\mathcal{O}(5; \{2^3, 4^6, 8^4\})$	4398046511104
8	$\mathcal{O}(5; \{4^8, 8^4\})$	17592186044416
8	$\mathcal{O}(5; \{2^7, 4, 8^6\})$	2199023255552
8	$\mathcal{O}(5; \{2^4, 4^3, 8^6\})$	8796093022208
8	$\mathcal{O}(5; \{2, 4^5, 8^6\})$	35184372088832
8	$\mathcal{O}(5; \{2^5, 8^8\})$	17592186044416
8	$\mathcal{O}(5; \{2^2, 4^2, 8^8\})$	70368744177664
8	$\mathcal{O}(5; \{4, 8^{10}\})$	562949953421312
8	$\mathcal{O}(4; \{2^{20}, 4^2\})$	33423360
8	$\mathcal{O}(4; \{2^{17}, 4^4\})$	133693440
8	$\mathcal{O}(4; \{2^{14}, 4^6\})$	534773760
8	$\mathcal{O}(4; \{2^{11}, 4^8\})$	2139095040
8	$\mathcal{O}(4; \{2^8, 4^{10}\})$	8556380160
8	$\mathcal{O}(4; \{2^5, 4^{12}\})$	34225520640
8	$\mathcal{O}(4; \{2^2, 4^{14}\})$	136902082560
8	$\mathcal{O}(4; \{2^{18}, 4, 8^2\})$	134217728
8	$\mathcal{O}(4; \{2^{15}, 4^3, 8^2\})$	536870912
8	$\mathcal{O}(4; \{2^{12}, 4^5, 8^2\})$	2147483648
8	$\mathcal{O}(4; \{2^9, 4^7, 8^2\})$	8589934592
8	$\mathcal{O}(4; \{2^6, 4^9, 8^2\})$	34359738368
8	$\mathcal{O}(4; \{2^3, 4^{11}, 8^2\})$	137438953472
8	$\mathcal{O}(4; \{4^{13}, 8^2\})$	549755813888
8	$\mathcal{O}(4; \{2^{16}, 8^4\})$	1073741824
8	$\mathcal{O}(4; \{2^{13}, 4^2, 8^4\})$	4294967296
8	$\mathcal{O}(4; \{2^{10}, 4^4, 8^4\})$	17179869184
8	$\mathcal{O}(4; \{2^7, 4^6, 8^4\})$	68719476736
8	$\mathcal{O}(4; \{2^4, 4^8, 8^4\})$	274877906944
8	$\mathcal{O}(4; \{2, 4^{10}, 8^4\})$	1099511627776
8	$\mathcal{O}(4; \{2^{11}, 4, 8^6\})$	34359738368
8	$\mathcal{O}(4; \{2^8, 4^3, 8^6\})$	137438953472
8	$\mathcal{O}(4; \{2^5, 4^5, 8^6\})$	549755813888
8	$\mathcal{O}(4; \{2^2, 4^7, 8^6\})$	2199023255552
8	$\mathcal{O}(4; \{2^9, 8^8\})$	274877906944
8	$\mathcal{O}(4; \{2^6, 4^2, 8^8\})$	1099511627776
8	$\mathcal{O}(4; \{2^3, 4^4, 8^8\})$	4398046511104
8	$\mathcal{O}(4; \{4^6, 8^8\})$	17592186044416
8	$\mathcal{O}(4; \{2^4, 4, 8^{10}\})$	8796093022208
8	$\mathcal{O}(4; \{2, 4^3, 8^{10}\})$	35184372088832
8	$\mathcal{O}(4; \{2^2, 8^{12}\})$	70368744177664
8	$\mathcal{O}(3; \{2^{24}, 4^2\})$	516096
8	$\mathcal{O}(3; \{2^{21}, 4^4\})$	2064384
8	$\mathcal{O}(3; \{2^{18}, 4^6\})$	8257536

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{2^{15}, 4^8\})$	33030144
8	$\mathcal{O}(3; \{2^{12}, 4^{10}\})$	132120576
8	$\mathcal{O}(3; \{2^9, 4^{12}\})$	528482304
8	$\mathcal{O}(3; \{2^6, 4^{14}\})$	2113929216
8	$\mathcal{O}(3; \{2^3, 4^{16}\})$	8455716864
8	$\mathcal{O}(3; \{4^{18}\})$	33822867456
8	$\mathcal{O}(3; \{2^{22}, 4, 8^2\})$	2097152
8	$\mathcal{O}(3; \{2^{19}, 4^3, 8^2\})$	8388608
8	$\mathcal{O}(3; \{2^{16}, 4^5, 8^2\})$	33554432
8	$\mathcal{O}(3; \{2^{13}, 4^7, 8^2\})$	134217728
8	$\mathcal{O}(3; \{2^{10}, 4^9, 8^2\})$	536870912
8	$\mathcal{O}(3; \{2^7, 4^{11}, 8^2\})$	2147483648
8	$\mathcal{O}(3; \{2^4, 4^{13}, 8^2\})$	8589934592
8	$\mathcal{O}(3; \{2, 4^{15}, 8^2\})$	34359738368
8	$\mathcal{O}(3; \{2^{20}, 8^4\})$	16777216
8	$\mathcal{O}(3; \{2^{17}, 4^2, 8^4\})$	67108864
8	$\mathcal{O}(3; \{2^{14}, 4^4, 8^4\})$	268435456
8	$\mathcal{O}(3; \{2^{11}, 4^6, 8^4\})$	1073741824
8	$\mathcal{O}(3; \{2^8, 4^8, 8^4\})$	4294967296
8	$\mathcal{O}(3; \{2^5, 4^{10}, 8^4\})$	17179869184
8	$\mathcal{O}(3; \{2^2, 4^{12}, 8^4\})$	68719476736
8	$\mathcal{O}(3; \{2^{15}, 4, 8^6\})$	536870912
8	$\mathcal{O}(3; \{2^{12}, 4^3, 8^6\})$	2147483648
8	$\mathcal{O}(3; \{2^9, 4^5, 8^6\})$	8589934592
8	$\mathcal{O}(3; \{2^6, 4^7, 8^6\})$	34359738368
8	$\mathcal{O}(3; \{2^3, 4^9, 8^6\})$	137438953472
8	$\mathcal{O}(3; \{4^{11}, 8^6\})$	549755813888
8	$\mathcal{O}(3; \{2^{13}, 8^8\})$	4294967296
8	$\mathcal{O}(3; \{2^{10}, 4^2, 8^8\})$	17179869184
8	$\mathcal{O}(3; \{2^7, 4^4, 8^8\})$	68719476736
8	$\mathcal{O}(3; \{2^4, 4^6, 8^8\})$	274877906944
8	$\mathcal{O}(3; \{2, 4^8, 8^8\})$	1099511627776
8	$\mathcal{O}(3; \{2^8, 4, 8^{10}\})$	137438953472
8	$\mathcal{O}(3; \{2^5, 4^3, 8^{10}\})$	549755813888
8	$\mathcal{O}(3; \{2^2, 4^5, 8^{10}\})$	2199023255552
8	$\mathcal{O}(3; \{2^6, 8^{12}\})$	1099511627776
8	$\mathcal{O}(3; \{2^3, 4^2, 8^{12}\})$	4398046511104
8	$\mathcal{O}(3; \{4^4, 8^{12}\})$	17592186044416
8	$\mathcal{O}(3; \{2, 4, 8^{14}\})$	35184372088832
8	$\mathcal{O}(2; \{2^{28}, 4^2\})$	7680
8	$\mathcal{O}(2; \{2^{25}, 4^4\})$	30720
8	$\mathcal{O}(2; \{2^{22}, 4^6\})$	122880
8	$\mathcal{O}(2; \{2^{19}, 4^8\})$	491520

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Table 1 – continued from previous page

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

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^7, 4^2, 8^{12}\})$	68719476736
8	$\mathcal{O}(2; \{2^4, 4^4, 8^{12}\})$	274877906944
8	$\mathcal{O}(2; \{2, 4^6, 8^{12}\})$	1099511627776
8	$\mathcal{O}(2; \{2^5, 4, 8^{14}\})$	549755813888
8	$\mathcal{O}(2; \{2^2, 4^3, 8^{14}\})$	2199023255552
8	$\mathcal{O}(2; \{2^3, 8^{16}\})$	4398046511104
8	$\mathcal{O}(2; \{4^2, 8^{16}\})$	17592186044416
8	$\mathcal{O}(1; \{2^{32}, 4^2\})$	96
8	$\mathcal{O}(1; \{2^{29}, 4^4\})$	384
8	$\mathcal{O}(1; \{2^{26}, 4^6\})$	1536
8	$\mathcal{O}(1; \{2^{23}, 4^8\})$	6144
8	$\mathcal{O}(1; \{2^{20}, 4^{10}\})$	24576
8	$\mathcal{O}(1; \{2^{17}, 4^{12}\})$	98304
8	$\mathcal{O}(1; \{2^{14}, 4^{14}\})$	393216
8	$\mathcal{O}(1; \{2^{11}, 4^{16}\})$	1572864
8	$\mathcal{O}(1; \{2^8, 4^{18}\})$	6291456
8	$\mathcal{O}(1; \{2^5, 4^{20}\})$	25165824
8	$\mathcal{O}(1; \{2^2, 4^{22}\})$	100663296
8	$\mathcal{O}(1; \{2^{30}, 4, 8^2\})$	512
8	$\mathcal{O}(1; \{2^{27}, 4^3, 8^2\})$	2048
8	$\mathcal{O}(1; \{2^{24}, 4^5, 8^2\})$	8192
8	$\mathcal{O}(1; \{2^{21}, 4^7, 8^2\})$	32768
8	$\mathcal{O}(1; \{2^{18}, 4^9, 8^2\})$	131072
8	$\mathcal{O}(1; \{2^{15}, 4^{11}, 8^2\})$	524288
8	$\mathcal{O}(1; \{2^{12}, 4^{13}, 8^2\})$	2097152
8	$\mathcal{O}(1; \{2^9, 4^{15}, 8^2\})$	8388608
8	$\mathcal{O}(1; \{2^6, 4^{17}, 8^2\})$	33554432
8	$\mathcal{O}(1; \{2^3, 4^{19}, 8^2\})$	134217728
8	$\mathcal{O}(1; \{4^{21}, 8^2\})$	536870912
8	$\mathcal{O}(1; \{2^{28}, 8^4\})$	4096
8	$\mathcal{O}(1; \{2^{25}, 4^2, 8^4\})$	16384
8	$\mathcal{O}(1; \{2^{22}, 4^4, 8^4\})$	65536
8	$\mathcal{O}(1; \{2^{19}, 4^6, 8^4\})$	262144
8	$\mathcal{O}(1; \{2^{16}, 4^8, 8^4\})$	1048576
8	$\mathcal{O}(1; \{2^{13}, 4^{10}, 8^4\})$	4194304
8	$\mathcal{O}(1; \{2^{10}, 4^{12}, 8^4\})$	16777216
8	$\mathcal{O}(1; \{2^7, 4^{14}, 8^4\})$	67108864
8	$\mathcal{O}(1; \{2^4, 4^{16}, 8^4\})$	268435456
8	$\mathcal{O}(1; \{2, 4^{18}, 8^4\})$	1073741824
8	$\mathcal{O}(1; \{2^{23}, 4, 8^6\})$	131072
8	$\mathcal{O}(1; \{2^{20}, 4^3, 8^6\})$	524288
8	$\mathcal{O}(1; \{2^{17}, 4^5, 8^6\})$	2097152
8	$\mathcal{O}(1; \{2^{14}, 4^7, 8^6\})$	8388608

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^{11}, 4^9, 8^6\})$	33554432
8	$\mathcal{O}(1; \{2^8, 4^{11}, 8^6\})$	134217728
8	$\mathcal{O}(1; \{2^5, 4^{13}, 8^6\})$	536870912
8	$\mathcal{O}(1; \{2^2, 4^{15}, 8^6\})$	2147483648
8	$\mathcal{O}(1; \{2^{21}, 8^8\})$	1048576
8	$\mathcal{O}(1; \{2^{18}, 4^2, 8^8\})$	4194304
8	$\mathcal{O}(1; \{2^{15}, 4^4, 8^8\})$	16777216
8	$\mathcal{O}(1; \{2^{12}, 4^6, 8^8\})$	67108864
8	$\mathcal{O}(1; \{2^9, 4^8, 8^8\})$	268435456
8	$\mathcal{O}(1; \{2^6, 4^{10}, 8^8\})$	1073741824
8	$\mathcal{O}(1; \{2^3, 4^{12}, 8^8\})$	4294967296
8	$\mathcal{O}(1; \{4^{14}, 8^8\})$	17179869184
8	$\mathcal{O}(1; \{2^{16}, 4, 8^{10}\})$	33554432
8	$\mathcal{O}(1; \{2^{13}, 4^3, 8^{10}\})$	134217728
8	$\mathcal{O}(1; \{2^{10}, 4^5, 8^{10}\})$	536870912
8	$\mathcal{O}(1; \{2^7, 4^7, 8^{10}\})$	2147483648
8	$\mathcal{O}(1; \{2^4, 4^9, 8^{10}\})$	8589934592
8	$\mathcal{O}(1; \{2, 4^{11}, 8^{10}\})$	34359738368
8	$\mathcal{O}(1; \{2^{14}, 8^{12}\})$	268435456
8	$\mathcal{O}(1; \{2^{11}, 4^2, 8^{12}\})$	1073741824
8	$\mathcal{O}(1; \{2^8, 4^4, 8^{12}\})$	4294967296
8	$\mathcal{O}(1; \{2^5, 4^6, 8^{12}\})$	17179869184
8	$\mathcal{O}(1; \{2^2, 4^8, 8^{12}\})$	68719476736
8	$\mathcal{O}(1; \{2^9, 4, 8^{14}\})$	8589934592
8	$\mathcal{O}(1; \{2^6, 4^3, 8^{14}\})$	34359738368
8	$\mathcal{O}(1; \{2^3, 4^5, 8^{14}\})$	137438953472
8	$\mathcal{O}(1; \{4^7, 8^{14}\})$	549755813888
8	$\mathcal{O}(1; \{2^7, 8^{16}\})$	68719476736
8	$\mathcal{O}(1; \{2^4, 4^2, 8^{16}\})$	274877906944
8	$\mathcal{O}(1; \{2, 4^4, 8^{16}\})$	1099511627776
8	$\mathcal{O}(1; \{2^2, 4, 8^{18}\})$	2199023255552
8	$\mathcal{O}(1; \{8^{20}\})$	17592186044416
8	$\mathcal{O}(0; \{2^{34}, 4, 8^2\})$	8
8	$\mathcal{O}(0; \{2^{31}, 4^3, 8^2\})$	32
8	$\mathcal{O}(0; \{2^{28}, 4^5, 8^2\})$	128
8	$\mathcal{O}(0; \{2^{25}, 4^7, 8^2\})$	512
8	$\mathcal{O}(0; \{2^{22}, 4^9, 8^2\})$	2048
8	$\mathcal{O}(0; \{2^{19}, 4^{11}, 8^2\})$	8192
8	$\mathcal{O}(0; \{2^{16}, 4^{13}, 8^2\})$	32768
8	$\mathcal{O}(0; \{2^{13}, 4^{15}, 8^2\})$	131072
8	$\mathcal{O}(0; \{2^{10}, 4^{17}, 8^2\})$	524288
8	$\mathcal{O}(0; \{2^7, 4^{19}, 8^2\})$	2097152
8	$\mathcal{O}(0; \{2^4, 4^{21}, 8^2\})$	8388608

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2, 4^{23}, 8^2\})$	33554432
8	$\mathcal{O}(0; \{2^{32}, 8^4\})$	64
8	$\mathcal{O}(0; \{2^{29}, 4^2, 8^4\})$	256
8	$\mathcal{O}(0; \{2^{26}, 4^4, 8^4\})$	1024
8	$\mathcal{O}(0; \{2^{23}, 4^6, 8^4\})$	4096
8	$\mathcal{O}(0; \{2^{20}, 4^8, 8^4\})$	16384
8	$\mathcal{O}(0; \{2^{17}, 4^{10}, 8^4\})$	65536
8	$\mathcal{O}(0; \{2^{14}, 4^{12}, 8^4\})$	262144
8	$\mathcal{O}(0; \{2^{11}, 4^{14}, 8^4\})$	1048576
8	$\mathcal{O}(0; \{2^8, 4^{16}, 8^4\})$	4194304
8	$\mathcal{O}(0; \{2^5, 4^{18}, 8^4\})$	16777216
8	$\mathcal{O}(0; \{2^2, 4^{20}, 8^4\})$	67108864
8	$\mathcal{O}(0; \{2^{27}, 4, 8^6\})$	2048
8	$\mathcal{O}(0; \{2^{24}, 4^3, 8^6\})$	8192
8	$\mathcal{O}(0; \{2^{21}, 4^5, 8^6\})$	32768
8	$\mathcal{O}(0; \{2^{18}, 4^7, 8^6\})$	131072
8	$\mathcal{O}(0; \{2^{15}, 4^9, 8^6\})$	524288
8	$\mathcal{O}(0; \{2^{12}, 4^{11}, 8^6\})$	2097152
8	$\mathcal{O}(0; \{2^9, 4^{13}, 8^6\})$	8388608
8	$\mathcal{O}(0; \{2^6, 4^{15}, 8^6\})$	33554432
8	$\mathcal{O}(0; \{2^3, 4^{17}, 8^6\})$	134217728
8	$\mathcal{O}(0; \{4^{19}, 8^6\})$	536870912
8	$\mathcal{O}(0; \{2^{25}, 8^8\})$	16384
8	$\mathcal{O}(0; \{2^{22}, 4^2, 8^8\})$	65536
8	$\mathcal{O}(0; \{2^{19}, 4^4, 8^8\})$	262144
8	$\mathcal{O}(0; \{2^{16}, 4^6, 8^8\})$	1048576
8	$\mathcal{O}(0; \{2^{13}, 4^8, 8^8\})$	4194304
8	$\mathcal{O}(0; \{2^{10}, 4^{10}, 8^8\})$	16777216
8	$\mathcal{O}(0; \{2^7, 4^{12}, 8^8\})$	67108864
8	$\mathcal{O}(0; \{2^4, 4^{14}, 8^8\})$	268435456
8	$\mathcal{O}(0; \{2, 4^{16}, 8^8\})$	1073741824
8	$\mathcal{O}(0; \{2^{20}, 4, 8^{10}\})$	524288
8	$\mathcal{O}(0; \{2^{17}, 4^3, 8^{10}\})$	2097152
8	$\mathcal{O}(0; \{2^{14}, 4^5, 8^{10}\})$	8388608
8	$\mathcal{O}(0; \{2^{11}, 4^7, 8^{10}\})$	33554432
8	$\mathcal{O}(0; \{2^8, 4^9, 8^{10}\})$	134217728
8	$\mathcal{O}(0; \{2^5, 4^{11}, 8^{10}\})$	536870912
8	$\mathcal{O}(0; \{2^2, 4^{13}, 8^{10}\})$	2147483648
8	$\mathcal{O}(0; \{2^{18}, 8^{12}\})$	4194304
8	$\mathcal{O}(0; \{2^{15}, 4^2, 8^{12}\})$	16777216
8	$\mathcal{O}(0; \{2^{12}, 4^4, 8^{12}\})$	67108864
8	$\mathcal{O}(0; \{2^9, 4^6, 8^{12}\})$	268435456
8	$\mathcal{O}(0; \{2^6, 4^8, 8^{12}\})$	1073741824

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^3, 4^{10}, 8^{12}\})$	4294967296
8	$\mathcal{O}(0; \{4^{12}, 8^{12}\})$	17179869184
8	$\mathcal{O}(0; \{2^{13}, 4, 8^{14}\})$	134217728
8	$\mathcal{O}(0; \{2^{10}, 4^3, 8^{14}\})$	536870912
8	$\mathcal{O}(0; \{2^7, 4^5, 8^{14}\})$	2147483648
8	$\mathcal{O}(0; \{2^4, 4^7, 8^{14}\})$	8589934592
8	$\mathcal{O}(0; \{2, 4^9, 8^{14}\})$	34359738368
8	$\mathcal{O}(0; \{2^{11}, 8^{16}\})$	1073741824
8	$\mathcal{O}(0; \{2^8, 4^2, 8^{16}\})$	4294967296
8	$\mathcal{O}(0; \{2^5, 4^4, 8^{16}\})$	17179869184
8	$\mathcal{O}(0; \{2^2, 4^6, 8^{16}\})$	68719476736
8	$\mathcal{O}(0; \{2^6, 4, 8^{18}\})$	34359738368
8	$\mathcal{O}(0; \{2^3, 4^3, 8^{18}\})$	137438953472
8	$\mathcal{O}(0; \{4^5, 8^{18}\})$	549755813888
8	$\mathcal{O}(0; \{2^4, 8^{20}\})$	274877906944
8	$\mathcal{O}(0; \{2, 4^2, 8^{20}\})$	1099511627776
9	$\mathcal{O}(7; \{9^4\})$	3706040377703682
9	$\mathcal{O}(6; \{3^3, 9^4\})$	366028679279376
9	$\mathcal{O}(5; \{3^6, 9^4\})$	36150980669568
9	$\mathcal{O}(5; \{3^2, 9^7\})$	427033459159272
9	$\mathcal{O}(4; \{3^9, 9^4\})$	3570467226624
9	$\mathcal{O}(4; \{3^5, 9^7\})$	42176144114496
9	$\mathcal{O}(4; \{3, 9^{10}\})$	579545408859012
9	$\mathcal{O}(3; \{3^{12}, 9^4\})$	352638738432
9	$\mathcal{O}(3; \{3^8, 9^7\})$	4165545097728
9	$\mathcal{O}(3; \{3^4, 9^{10}\})$	57239052726816
9	$\mathcal{O}(3; \{9^{13}\})$	771032634593130
9	$\mathcal{O}(2; \{3^{15}, 9^4\})$	34828517376
9	$\mathcal{O}(2; \{3^{11}, 9^7\})$	411411861504
9	$\mathcal{O}(2; \{3^7, 9^{10}\})$	5653239775488
9	$\mathcal{O}(2; \{3^3, 9^{13}\})$	76151371317840
9	$\mathcal{O}(1; \{3^{18}, 9^4\})$	3439853568
9	$\mathcal{O}(1; \{3^{14}, 9^7\})$	40633270272
9	$\mathcal{O}(1; \{3^{10}, 9^{10}\})$	558344669184
9	$\mathcal{O}(1; \{3^6, 9^{13}\})$	7521123093120
9	$\mathcal{O}(1; \{3^2, 9^{16}\})$	101563056032328
9	$\mathcal{O}(0; \{3^{21}, 9^4\})$	339738624
9	$\mathcal{O}(0; \{3^{17}, 9^7\})$	4013162496
9	$\mathcal{O}(0; \{3^{13}, 9^{10}\})$	55145152512
9	$\mathcal{O}(0; \{3^9, 9^{13}\})$	742826972160
9	$\mathcal{O}(0; \{3^5, 9^{16}\})$	10030919114304
9	$\mathcal{O}(0; \{3, 9^{19}\})$	135412758997236
10	$\mathcal{O}(8; \emptyset)$	9999847412043840

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(7; \{2^4\})$	99999999983616
10	$\mathcal{O}(6; \{2^8\})$	999999995904
10	$\mathcal{O}(6; \{5^5\})$	203950195312500
10	$\mathcal{O}(6; \{2^3, 5^2, 10\})$	12000000000000
10	$\mathcal{O}(6; \{2, 5, 10^3\})$	52000000000000
10	$\mathcal{O}(5; \{2^{12}\})$	9999998976
10	$\mathcal{O}(5; \{2^4, 5^5\})$	20400000000000
10	$\mathcal{O}(5; \{2^7, 5^2, 10\})$	12000000000000
10	$\mathcal{O}(5; \{2^2, 5^4, 10^2\})$	82000000000000
10	$\mathcal{O}(5; \{2^5, 5, 10^3\})$	52000000000000
10	$\mathcal{O}(5; \{5^3, 10^4\})$	32760000000000
10	$\mathcal{O}(5; \{2^3, 10^5\})$	20400000000000
10	$\mathcal{O}(4; \{2^{16}\})$	99999744
10	$\mathcal{O}(4; \{2^8, 5^5\})$	204000000000
10	$\mathcal{O}(4; \{5^{10}\})$	20889679687500
10	$\mathcal{O}(4; \{2^{11}, 5^2, 10\})$	1200000000
10	$\mathcal{O}(4; \{2^3, 5^7, 10\})$	13108000000000
10	$\mathcal{O}(4; \{2^6, 5^4, 10^2\})$	820000000000
10	$\mathcal{O}(4; \{2^9, 5, 10^3\})$	5200000000
10	$\mathcal{O}(4; \{2, 5^6, 10^3\})$	52428000000000
10	$\mathcal{O}(4; \{2^4, 5^3, 10^4\})$	32760000000000
10	$\mathcal{O}(4; \{2^7, 10^5\})$	204000000000
10	$\mathcal{O}(4; \{2^2, 5^2, 10^6\})$	13108000000000
10	$\mathcal{O}(4; \{5, 10^8\})$	52428000000000
10	$\mathcal{O}(3; \{2^{20}\})$	999936
10	$\mathcal{O}(3; \{2^{12}, 5^5\})$	204000000
10	$\mathcal{O}(3; \{2^4, 5^{10}\})$	209716000000
10	$\mathcal{O}(3; \{2^{15}, 5^2, 10\})$	12000000
10	$\mathcal{O}(3; \{2^7, 5^7, 10\})$	13108000000
10	$\mathcal{O}(3; \{2^{10}, 5^4, 10^2\})$	820000000
10	$\mathcal{O}(3; \{2^2, 5^9, 10^2\})$	838860000000
10	$\mathcal{O}(3; \{2^{13}, 5, 10^3\})$	52000000
10	$\mathcal{O}(3; \{2^5, 5^6, 10^3\})$	52428000000
10	$\mathcal{O}(3; \{2^8, 5^3, 10^4\})$	3276000000
10	$\mathcal{O}(3; \{5^8, 10^4\})$	3355444000000
10	$\mathcal{O}(3; \{2^{11}, 10^5\})$	204000000
10	$\mathcal{O}(3; \{2^3, 5^5, 10^5\})$	209716000000
10	$\mathcal{O}(3; \{2^6, 5^2, 10^6\})$	13108000000
10	$\mathcal{O}(3; \{2, 5^4, 10^7\})$	838860000000
10	$\mathcal{O}(3; \{2^4, 5, 10^8\})$	52428000000
10	$\mathcal{O}(3; \{2^2, 10^{10}\})$	209716000000
10	$\mathcal{O}(2; \{2^{24}\})$	9984
10	$\mathcal{O}(2; \{2^{16}, 5^5\})$	2040000

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{2^8, 5^{10}\})$	2097160000
10	$\mathcal{O}(2; \{5^{15}\})$	2013265912500
10	$\mathcal{O}(2; \{2^{19}, 5^2, 10\})$	120000
10	$\mathcal{O}(2; \{2^{11}, 5^7, 10\})$	131080000
10	$\mathcal{O}(2; \{2^3, 5^{12}, 10\})$	134217720000
10	$\mathcal{O}(2; \{2^{14}, 5^4, 10^2\})$	8200000
10	$\mathcal{O}(2; \{2^6, 5^9, 10^2\})$	8388600000
10	$\mathcal{O}(2; \{2^{17}, 5, 10^3\})$	520000
10	$\mathcal{O}(2; \{2^9, 5^6, 10^3\})$	524280000
10	$\mathcal{O}(2; \{2, 5^{11}, 10^3\})$	536870920000
10	$\mathcal{O}(2; \{2^{12}, 5^3, 10^4\})$	32760000
10	$\mathcal{O}(2; \{2^4, 5^8, 10^4\})$	33554440000
10	$\mathcal{O}(2; \{2^{15}, 10^5\})$	2040000
10	$\mathcal{O}(2; \{2^7, 5^5, 10^5\})$	2097160000
10	$\mathcal{O}(2; \{2^{10}, 5^2, 10^6\})$	131080000
10	$\mathcal{O}(2; \{2^2, 5^7, 10^6\})$	134217720000
10	$\mathcal{O}(2; \{2^5, 5^4, 10^7\})$	8388600000
10	$\mathcal{O}(2; \{2^8, 5, 10^8\})$	524280000
10	$\mathcal{O}(2; \{5^6, 10^8\})$	536870920000
10	$\mathcal{O}(2; \{2^3, 5^3, 10^9\})$	33554440000
10	$\mathcal{O}(2; \{2^6, 10^{10}\})$	2097160000
10	$\mathcal{O}(2; \{2, 5^2, 10^{11}\})$	134217720000
10	$\mathcal{O}(1; \{2^{28}\})$	96
10	$\mathcal{O}(1; \{2^{20}, 5^5\})$	20400
10	$\mathcal{O}(1; \{2^{12}, 5^{10}\})$	20971600
10	$\mathcal{O}(1; \{2^4, 5^{15}\})$	21474836400
10	$\mathcal{O}(1; \{2^{23}, 5^2, 10\})$	1200
10	$\mathcal{O}(1; \{2^{15}, 5^7, 10\})$	1310800
10	$\mathcal{O}(1; \{2^7, 5^{12}, 10\})$	1342177200
10	$\mathcal{O}(1; \{2^{18}, 5^4, 10^2\})$	82000
10	$\mathcal{O}(1; \{2^{10}, 5^9, 10^2\})$	83886000
10	$\mathcal{O}(1; \{2^2, 5^{14}, 10^2\})$	85899346000
10	$\mathcal{O}(1; \{2^{21}, 5, 10^3\})$	5200
10	$\mathcal{O}(1; \{2^{13}, 5^6, 10^3\})$	5242800
10	$\mathcal{O}(1; \{2^5, 5^{11}, 10^3\})$	5368709200
10	$\mathcal{O}(1; \{2^{16}, 5^3, 10^4\})$	327600
10	$\mathcal{O}(1; \{2^8, 5^8, 10^4\})$	335544400
10	$\mathcal{O}(1; \{5^{13}, 10^4\})$	343597383600
10	$\mathcal{O}(1; \{2^{19}, 10^5\})$	20400
10	$\mathcal{O}(1; \{2^{11}, 5^5, 10^5\})$	20971600
10	$\mathcal{O}(1; \{2^3, 5^{10}, 10^5\})$	21474836400
10	$\mathcal{O}(1; \{2^{14}, 5^2, 10^6\})$	1310800
10	$\mathcal{O}(1; \{2^6, 5^7, 10^6\})$	1342177200

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{2^9, 5^4, 10^7\})$	83886000
10	$\mathcal{O}(1; \{2, 5^9, 10^7\})$	85899346000
10	$\mathcal{O}(1; \{2^{12}, 5, 10^8\})$	5242800
10	$\mathcal{O}(1; \{2^4, 5^6, 10^8\})$	5368709200
10	$\mathcal{O}(1; \{2^7, 5^3, 10^9\})$	335544400
10	$\mathcal{O}(1; \{2^{10}, 10^{10}\})$	20971600
10	$\mathcal{O}(1; \{2^2, 5^5, 10^{10}\})$	21474836400
10	$\mathcal{O}(1; \{2^5, 5^2, 10^{11}\})$	1342177200
10	$\mathcal{O}(1; \{5^4, 10^{12}\})$	85899346000
10	$\mathcal{O}(1; \{2^3, 5, 10^{13}\})$	5368709200
10	$\mathcal{O}(1; \{2, 10^{15}\})$	21474836400
10	$\mathcal{O}(0; \{2^{24}, 5^5\})$	204
10	$\mathcal{O}(0; \{2^{16}, 5^{10}\})$	209716
10	$\mathcal{O}(0; \{2^8, 5^{15}\})$	214748364
10	$\mathcal{O}(0; \{2^{27}, 5^2, 10\})$	12
10	$\mathcal{O}(0; \{2^{19}, 5^7, 10\})$	13108
10	$\mathcal{O}(0; \{2^{11}, 5^{12}, 10\})$	13421772
10	$\mathcal{O}(0; \{2^3, 5^{17}, 10\})$	13743895348
10	$\mathcal{O}(0; \{2^{22}, 5^4, 10^2\})$	820
10	$\mathcal{O}(0; \{2^{14}, 5^9, 10^2\})$	838860
10	$\mathcal{O}(0; \{2^6, 5^{14}, 10^2\})$	858993460
10	$\mathcal{O}(0; \{2^{25}, 5, 10^3\})$	52
10	$\mathcal{O}(0; \{2^{17}, 5^6, 10^3\})$	52428
10	$\mathcal{O}(0; \{2^9, 5^{11}, 10^3\})$	53687092
10	$\mathcal{O}(0; \{2, 5^{16}, 10^3\})$	54975581388
10	$\mathcal{O}(0; \{2^{20}, 5^3, 10^4\})$	3276
10	$\mathcal{O}(0; \{2^{12}, 5^8, 10^4\})$	3355444
10	$\mathcal{O}(0; \{2^4, 5^{13}, 10^4\})$	3435973836
10	$\mathcal{O}(0; \{2^{23}, 10^5\})$	204
10	$\mathcal{O}(0; \{2^{15}, 5^5, 10^5\})$	209716
10	$\mathcal{O}(0; \{2^7, 5^{10}, 10^5\})$	214748364
10	$\mathcal{O}(0; \{2^{18}, 5^2, 10^6\})$	13108
10	$\mathcal{O}(0; \{2^{10}, 5^7, 10^6\})$	13421772
10	$\mathcal{O}(0; \{2^2, 5^{12}, 10^6\})$	13743895348
10	$\mathcal{O}(0; \{2^{13}, 5^4, 10^7\})$	838860
10	$\mathcal{O}(0; \{2^5, 5^9, 10^7\})$	858993460
10	$\mathcal{O}(0; \{2^{16}, 5, 10^8\})$	52428
10	$\mathcal{O}(0; \{2^8, 5^6, 10^8\})$	53687092
10	$\mathcal{O}(0; \{5^{11}, 10^8\})$	54975581388
10	$\mathcal{O}(0; \{2^{11}, 5^3, 10^9\})$	3355444
10	$\mathcal{O}(0; \{2^3, 5^8, 10^9\})$	3435973836
10	$\mathcal{O}(0; \{2^{14}, 10^{10}\})$	209716
10	$\mathcal{O}(0; \{2^6, 5^5, 10^{10}\})$	214748364

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{2^9, 5^2, 10^{11}\})$	13421772
10	$\mathcal{O}(0; \{2, 5^7, 10^{11}\})$	13743895348
10	$\mathcal{O}(0; \{2^4, 5^4, 10^{12}\})$	858993460
10	$\mathcal{O}(0; \{2^7, 5, 10^{13}\})$	53687092
10	$\mathcal{O}(0; \{2^2, 5^3, 10^{14}\})$	3435973836
10	$\mathcal{O}(0; \{2^5, 10^{15}\})$	214748364
10	$\mathcal{O}(0; \{5^2, 10^{16}\})$	13743895348
11	$\mathcal{O}(6; \{11^3\})$	282458553904890
11	$\mathcal{O}(1; \{11^{14}\})$	1100000000000110
12	$\mathcal{O}(6; \{6^2\})$	17827847331840
12	$\mathcal{O}(5; \{2^2, 3^4\})$	371141388288
12	$\mathcal{O}(5; \{2^3, 3^2, 6\})$	123713796096
12	$\mathcal{O}(5; \{3^2, 4^2, 6\})$	247669456896
12	$\mathcal{O}(5; \{2^4, 6^2\})$	123713796096
12	$\mathcal{O}(5; \{3^3, 6^2\})$	618568980480
12	$\mathcal{O}(5; \{2, 4^2, 6^2\})$	247669456896
12	$\mathcal{O}(5; \{2, 3, 6^3\})$	371141388288
12	$\mathcal{O}(5; \{3^3, 4, 12\})$	743008370688
12	$\mathcal{O}(5; \{2, 3, 4, 6, 12\})$	247669456896
12	$\mathcal{O}(5; \{2, 3^2, 12^2\})$	743008370688
12	$\mathcal{O}(5; \{2^2, 6, 12^2\})$	247669456896
12	$\mathcal{O}(5; \{12^4\})$	2972033482752
12	$\mathcal{O}(4; \{2^6, 3^4\})$	2569812480
12	$\mathcal{O}(4; \{2^2, 3^7\})$	17988687360
12	$\mathcal{O}(4; \{2^3, 3^4, 4^2\})$	5159780352
12	$\mathcal{O}(4; \{3^4, 4^4\})$	20639121408
12	$\mathcal{O}(4; \{2^7, 3^2, 6\})$	856604160
12	$\mathcal{O}(4; \{2^3, 3^5, 6\})$	9422645760
12	$\mathcal{O}(4; \{2^4, 3^2, 4^2, 6\})$	1719926784
12	$\mathcal{O}(4; \{3^5, 4^2, 6\})$	18919194624
12	$\mathcal{O}(4; \{2, 3^2, 4^4, 6\})$	6879707136
12	$\mathcal{O}(4; \{2^8, 6^2\})$	856604160
12	$\mathcal{O}(4; \{2^4, 3^3, 6^2\})$	4283020800
12	$\mathcal{O}(4; \{3^6, 6^2\})$	36833978880
12	$\mathcal{O}(4; \{2^5, 4^2, 6^2\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^3, 4^2, 6^2\})$	8599633920
12	$\mathcal{O}(4; \{2^2, 4^4, 6^2\})$	6879707136
12	$\mathcal{O}(4; \{2^5, 3, 6^3\})$	2569812480
12	$\mathcal{O}(4; \{2, 3^4, 6^3\})$	17988687360
12	$\mathcal{O}(4; \{2^2, 3, 4^2, 6^3\})$	5159780352
12	$\mathcal{O}(4; \{2^2, 3^2, 6^4\})$	9422645760
12	$\mathcal{O}(4; \{2^3, 6^5\})$	4283020800
12	$\mathcal{O}(4; \{4^2, 6^5\})$	8599633920

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{3, 6^6\})$	17988687360
12	$\mathcal{O}(4; \{2^4, 3^3, 4, 12\})$	5159780352
12	$\mathcal{O}(4; \{3^6, 4, 12\})$	36118462464
12	$\mathcal{O}(4; \{2, 3^3, 4^3, 12\})$	20639121408
12	$\mathcal{O}(4; \{2^5, 3, 4, 6, 12\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^4, 4, 6, 12\})$	18919194624
12	$\mathcal{O}(4; \{2^2, 3, 4^3, 6, 12\})$	6879707136
12	$\mathcal{O}(4; \{2^2, 3^2, 4, 6^2, 12\})$	8599633920
12	$\mathcal{O}(4; \{2^3, 4, 6^3, 12\})$	5159780352
12	$\mathcal{O}(4; \{4^3, 6^3, 12\})$	20639121408
12	$\mathcal{O}(4; \{3, 4, 6^4, 12\})$	18919194624
12	$\mathcal{O}(4; \{2^5, 3^2, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{2, 3^5, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{2^2, 3^2, 4^2, 12^2\})$	20639121408
12	$\mathcal{O}(4; \{2^6, 6, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3^3, 6, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2^3, 4^2, 6, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{4^4, 6, 12^2\})$	27518828544
12	$\mathcal{O}(4; \{2^3, 3, 6^2, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{3, 4^2, 6^2, 12^2\})$	34398535680
12	$\mathcal{O}(4; \{3^2, 6^3, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{2, 6^4, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2^3, 3, 4, 12^3\})$	20639121408
12	$\mathcal{O}(4; \{3, 4^3, 12^3\})$	82556485632
12	$\mathcal{O}(4; \{3^2, 4, 6, 12^3\})$	75676778496
12	$\mathcal{O}(4; \{2, 4, 6^2, 12^3\})$	34398535680
12	$\mathcal{O}(4; \{2^4, 12^4\})$	20639121408
12	$\mathcal{O}(4; \{3^3, 12^4\})$	144473849856
12	$\mathcal{O}(4; \{2, 4^2, 12^4\})$	82556485632
12	$\mathcal{O}(4; \{2, 3, 6, 12^4\})$	75676778496
12	$\mathcal{O}(3; \{2^{10}, 3^4\})$	17635968
12	$\mathcal{O}(3; \{2^6, 3^7\})$	123451776
12	$\mathcal{O}(3; \{2^2, 3^{10}\})$	1005250176
12	$\mathcal{O}(3; \{2^7, 3^4, 4^2\})$	35831808
12	$\mathcal{O}(3; \{2^3, 3^7, 4^2\})$	250822656
12	$\mathcal{O}(3; \{2^4, 3^4, 4^4\})$	143327232
12	$\mathcal{O}(3; \{3^7, 4^4\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^4, 4^6\})$	573308928
12	$\mathcal{O}(3; \{2^{11}, 3^2, 6\})$	5878656
12	$\mathcal{O}(3; \{2^7, 3^5, 6\})$	64665216
12	$\mathcal{O}(3; \{2^3, 3^8, 6\})$	499685760
12	$\mathcal{O}(3; \{2^8, 3^2, 4^2, 6\})$	11943936
12	$\mathcal{O}(3; \{2^4, 3^5, 4^2, 6\})$	131383296

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{3^8, 4^2, 6\})$	1015234560
12	$\mathcal{O}(3; \{2^5, 3^2, 4^4, 6\})$	47775744
12	$\mathcal{O}(3; \{2, 3^5, 4^4, 6\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3^2, 4^6, 6\})$	191102976
12	$\mathcal{O}(3; \{2^{12}, 6^2\})$	5878656
12	$\mathcal{O}(3; \{2^8, 3^3, 6^2\})$	29393280
12	$\mathcal{O}(3; \{2^4, 3^6, 6^2\})$	252782208
12	$\mathcal{O}(3; \{3^9, 6^2\})$	2004621696
12	$\mathcal{O}(3; \{2^9, 4^2, 6^2\})$	11943936
12	$\mathcal{O}(3; \{2^5, 3^3, 4^2, 6^2\})$	59719680
12	$\mathcal{O}(3; \{2, 3^6, 4^2, 6^2\})$	513589248
12	$\mathcal{O}(3; \{2^6, 4^4, 6^2\})$	47775744
12	$\mathcal{O}(3; \{2^2, 3^3, 4^4, 6^2\})$	238878720
12	$\mathcal{O}(3; \{2^3, 4^6, 6^2\})$	191102976
12	$\mathcal{O}(3; \{4^8, 6^2\})$	764411904
12	$\mathcal{O}(3; \{2^9, 3, 6^3\})$	17635968
12	$\mathcal{O}(3; \{2^5, 3^4, 6^3\})$	123451776
12	$\mathcal{O}(3; \{2, 3^7, 6^3\})$	1005250176
12	$\mathcal{O}(3; \{2^6, 3, 4^2, 6^3\})$	35831808
12	$\mathcal{O}(3; \{2^2, 3^4, 4^2, 6^3\})$	250822656
12	$\mathcal{O}(3; \{2^3, 3, 4^4, 6^3\})$	143327232
12	$\mathcal{O}(3; \{3, 4^6, 6^3\})$	573308928
12	$\mathcal{O}(3; \{2^6, 3^2, 6^4\})$	64665216
12	$\mathcal{O}(3; \{2^2, 3^5, 6^4\})$	499685760
12	$\mathcal{O}(3; \{2^3, 3^2, 4^2, 6^4\})$	131383296
12	$\mathcal{O}(3; \{3^2, 4^4, 6^4\})$	525533184
12	$\mathcal{O}(3; \{2^7, 6^5\})$	29393280
12	$\mathcal{O}(3; \{2^3, 3^3, 6^5\})$	252782208
12	$\mathcal{O}(3; \{2^4, 4^2, 6^5\})$	59719680
12	$\mathcal{O}(3; \{3^3, 4^2, 6^5\})$	513589248
12	$\mathcal{O}(3; \{2, 4^4, 6^5\})$	238878720
12	$\mathcal{O}(3; \{2^4, 3, 6^6\})$	123451776
12	$\mathcal{O}(3; \{3^4, 6^6\})$	1005250176
12	$\mathcal{O}(3; \{2, 3, 4^2, 6^6\})$	250822656
12	$\mathcal{O}(3; \{2, 3^2, 6^7\})$	499685760
12	$\mathcal{O}(3; \{2^2, 6^8\})$	252782208
12	$\mathcal{O}(3; \{2^8, 3^3, 4, 12\})$	35831808
12	$\mathcal{O}(3; \{2^4, 3^6, 4, 12\})$	250822656
12	$\mathcal{O}(3; \{3^9, 4, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^5, 3^3, 4^3, 12\})$	143327232
12	$\mathcal{O}(3; \{2, 3^6, 4^3, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3^3, 4^5, 12\})$	573308928
12	$\mathcal{O}(3; \{2^9, 3, 4, 6, 12\})$	11943936

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^5, 3^4, 4, 6, 12\})$	131383296
12	$\mathcal{O}(3; \{2, 3^7, 4, 6, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^6, 3, 4^3, 6, 12\})$	47775744
12	$\mathcal{O}(3; \{2^2, 3^4, 4^3, 6, 12\})$	525533184
12	$\mathcal{O}(3; \{2^3, 3, 4^5, 6, 12\})$	191102976
12	$\mathcal{O}(3; \{3, 4^7, 6, 12\})$	764411904
12	$\mathcal{O}(3; \{2^6, 3^2, 4, 6^2, 12\})$	59719680
12	$\mathcal{O}(3; \{2^2, 3^5, 4, 6^2, 12\})$	513589248
12	$\mathcal{O}(3; \{2^3, 3^2, 4^3, 6^2, 12\})$	238878720
12	$\mathcal{O}(3; \{3^2, 4^5, 6^2, 12\})$	955514880
12	$\mathcal{O}(3; \{2^7, 4, 6^3, 12\})$	35831808
12	$\mathcal{O}(3; \{2^3, 3^3, 4, 6^3, 12\})$	250822656
12	$\mathcal{O}(3; \{2^4, 4^3, 6^3, 12\})$	143327232
12	$\mathcal{O}(3; \{3^3, 4^3, 6^3, 12\})$	1003290624
12	$\mathcal{O}(3; \{2, 4^5, 6^3, 12\})$	573308928
12	$\mathcal{O}(3; \{2^4, 3, 4, 6^4, 12\})$	131383296
12	$\mathcal{O}(3; \{3^4, 4, 6^4, 12\})$	1015234560
12	$\mathcal{O}(3; \{2, 3, 4^3, 6^4, 12\})$	525533184
12	$\mathcal{O}(3; \{2, 3^2, 4, 6^5, 12\})$	513589248
12	$\mathcal{O}(3; \{2^2, 4, 6^6, 12\})$	250822656
12	$\mathcal{O}(3; \{2^9, 3^2, 12^2\})$	35831808
12	$\mathcal{O}(3; \{2^5, 3^5, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2, 3^8, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2^6, 3^2, 4^2, 12^2\})$	143327232
12	$\mathcal{O}(3; \{2^2, 3^5, 4^2, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 3^2, 4^4, 12^2\})$	573308928
12	$\mathcal{O}(3; \{3^2, 4^6, 12^2\})$	2293235712
12	$\mathcal{O}(3; \{2^{10}, 6, 12^2\})$	11943936
12	$\mathcal{O}(3; \{2^6, 3^3, 6, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^6, 6, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^7, 4^2, 6, 12^2\})$	47775744
12	$\mathcal{O}(3; \{2^3, 3^3, 4^2, 6, 12^2\})$	525533184
12	$\mathcal{O}(3; \{2^4, 4^4, 6, 12^2\})$	191102976
12	$\mathcal{O}(3; \{3^3, 4^4, 6, 12^2\})$	2102132736
12	$\mathcal{O}(3; \{2, 4^6, 6, 12^2\})$	764411904
12	$\mathcal{O}(3; \{2^7, 3, 6^2, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^3, 3^4, 6^2, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^4, 3, 4^2, 6^2, 12^2\})$	238878720
12	$\mathcal{O}(3; \{3^4, 4^2, 6^2, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{2, 3, 4^4, 6^2, 12^2\})$	955514880
12	$\mathcal{O}(3; \{2^4, 3^2, 6^3, 12^2\})$	250822656
12	$\mathcal{O}(3; \{3^5, 6^3, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2, 3^2, 4^2, 6^3, 12^2\})$	1003290624

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^5, 6^4, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2, 3^3, 6^4, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^2, 4^2, 6^4, 12^2\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3, 6^5, 12^2\})$	513589248
12	$\mathcal{O}(3; \{6^7, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^7, 3, 4, 12^3\})$	143327232
12	$\mathcal{O}(3; \{2^3, 3^4, 4, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{2^4, 3, 4^3, 12^3\})$	573308928
12	$\mathcal{O}(3; \{3^4, 4^3, 12^3\})$	4013162496
12	$\mathcal{O}(3; \{2, 3, 4^5, 12^3\})$	2293235712
12	$\mathcal{O}(3; \{2^4, 3^2, 4, 6, 12^3\})$	525533184
12	$\mathcal{O}(3; \{3^5, 4, 6, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2, 3^2, 4^3, 6, 12^3\})$	2102132736
12	$\mathcal{O}(3; \{2^5, 4, 6^2, 12^3\})$	238878720
12	$\mathcal{O}(3; \{2, 3^3, 4, 6^2, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2^2, 4^3, 6^2, 12^3\})$	955514880
12	$\mathcal{O}(3; \{2^2, 3, 4, 6^3, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{4, 6^5, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2^8, 12^4\})$	143327232
12	$\mathcal{O}(3; \{2^4, 3^3, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{3^6, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2^5, 4^2, 12^4\})$	573308928
12	$\mathcal{O}(3; \{2, 3^3, 4^2, 12^4\})$	4013162496
12	$\mathcal{O}(3; \{2^2, 4^4, 12^4\})$	2293235712
12	$\mathcal{O}(3; \{2^5, 3, 6, 12^4\})$	525533184
12	$\mathcal{O}(3; \{2, 3^4, 6, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2^2, 3, 4^2, 6, 12^4\})$	2102132736
12	$\mathcal{O}(3; \{2^2, 3^2, 6^2, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2^3, 6^3, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{4^2, 6^3, 12^4\})$	4013162496
12	$\mathcal{O}(3; \{3, 6^4, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2^2, 3^2, 4, 12^5\})$	4013162496
12	$\mathcal{O}(3; \{2^3, 4, 6, 12^5\})$	2102132736
12	$\mathcal{O}(3; \{4^3, 6, 12^5\})$	8408530944
12	$\mathcal{O}(3; \{3, 4, 6^2, 12^5\})$	8217427968
12	$\mathcal{O}(3; \{2^3, 3, 12^6\})$	4013162496
12	$\mathcal{O}(3; \{3, 4^2, 12^6\})$	16052649984
12	$\mathcal{O}(3; \{3^2, 6, 12^6\})$	16243752960
12	$\mathcal{O}(3; \{2, 6^2, 12^6\})$	8217427968
12	$\mathcal{O}(3; \{2, 4, 12^7\})$	16052649984
12	$\mathcal{O}(2; \{2^{14}, 3^4\})$	116640
12	$\mathcal{O}(2; \{2^{10}, 3^7\})$	816480
12	$\mathcal{O}(2; \{2^6, 3^{10}\})$	6648480

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^2, 3^{13}\})$	53071200
12	$\mathcal{O}(2; \{2^{11}, 3^4, 4^2\})$	248832
12	$\mathcal{O}(2; \{2^7, 3^7, 4^2\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^{10}, 4^2\})$	14183424
12	$\mathcal{O}(2; \{2^8, 3^4, 4^4\})$	995328
12	$\mathcal{O}(2; \{2^4, 3^7, 4^4\})$	6967296
12	$\mathcal{O}(2; \{3^{10}, 4^4\})$	56733696
12	$\mathcal{O}(2; \{2^5, 3^4, 4^6\})$	3981312
12	$\mathcal{O}(2; \{2, 3^7, 4^6\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^4, 4^8\})$	15925248
12	$\mathcal{O}(2; \{2^{15}, 3^2, 6\})$	38880
12	$\mathcal{O}(2; \{2^{11}, 3^5, 6\})$	427680
12	$\mathcal{O}(2; \{2^7, 3^8, 6\})$	3304800
12	$\mathcal{O}(2; \{2^3, 3^{11}, 6\})$	26555040
12	$\mathcal{O}(2; \{2^{12}, 3^2, 4^2, 6\})$	82944
12	$\mathcal{O}(2; \{2^8, 3^5, 4^2, 6\})$	912384
12	$\mathcal{O}(2; \{2^4, 3^8, 4^2, 6\})$	7050240
12	$\mathcal{O}(2; \{3^{11}, 4^2, 6\})$	56650752
12	$\mathcal{O}(2; \{2^9, 3^2, 4^4, 6\})$	331776
12	$\mathcal{O}(2; \{2^5, 3^5, 4^4, 6\})$	3649536
12	$\mathcal{O}(2; \{2, 3^8, 4^4, 6\})$	28200960
12	$\mathcal{O}(2; \{2^6, 3^2, 4^6, 6\})$	1327104
12	$\mathcal{O}(2; \{2^2, 3^5, 4^6, 6\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3^2, 4^8, 6\})$	5308416
12	$\mathcal{O}(2; \{3^2, 4^{10}, 6\})$	21233664
12	$\mathcal{O}(2; \{2^{16}, 6^2\})$	38880
12	$\mathcal{O}(2; \{2^{12}, 3^3, 6^2\})$	194400
12	$\mathcal{O}(2; \{2^8, 3^6, 6^2\})$	1671840
12	$\mathcal{O}(2; \{2^4, 3^9, 6^2\})$	13258080
12	$\mathcal{O}(2; \{3^{12}, 6^2\})$	106181280
12	$\mathcal{O}(2; \{2^{13}, 4^2, 6^2\})$	82944
12	$\mathcal{O}(2; \{2^9, 3^3, 4^2, 6^2\})$	414720
12	$\mathcal{O}(2; \{2^5, 3^6, 4^2, 6^2\})$	3566592
12	$\mathcal{O}(2; \{2, 3^9, 4^2, 6^2\})$	28283904
12	$\mathcal{O}(2; \{2^{10}, 4^4, 6^2\})$	331776
12	$\mathcal{O}(2; \{2^6, 3^3, 4^4, 6^2\})$	1658880
12	$\mathcal{O}(2; \{2^2, 3^6, 4^4, 6^2\})$	14266368
12	$\mathcal{O}(2; \{2^7, 4^6, 6^2\})$	1327104
12	$\mathcal{O}(2; \{2^3, 3^3, 4^6, 6^2\})$	6635520
12	$\mathcal{O}(2; \{2^4, 4^8, 6^2\})$	5308416
12	$\mathcal{O}(2; \{3^3, 4^8, 6^2\})$	26542080
12	$\mathcal{O}(2; \{2, 4^{10}, 6^2\})$	21233664
12	$\mathcal{O}(2; \{2^{13}, 3, 6^3\})$	116640

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^9, 3^4, 6^3\})$	816480
12	$\mathcal{O}(2; \{2^5, 3^7, 6^3\})$	6648480
12	$\mathcal{O}(2; \{2, 3^{10}, 6^3\})$	53071200
12	$\mathcal{O}(2; \{2^{10}, 3, 4^2, 6^3\})$	248832
12	$\mathcal{O}(2; \{2^6, 3^4, 4^2, 6^3\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^7, 4^2, 6^3\})$	14183424
12	$\mathcal{O}(2; \{2^7, 3, 4^4, 6^3\})$	995328
12	$\mathcal{O}(2; \{2^3, 3^4, 4^4, 6^3\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3, 4^6, 6^3\})$	3981312
12	$\mathcal{O}(2; \{3^4, 4^6, 6^3\})$	27869184
12	$\mathcal{O}(2; \{2, 3, 4^8, 6^3\})$	15925248
12	$\mathcal{O}(2; \{2^{10}, 3^2, 6^4\})$	427680
12	$\mathcal{O}(2; \{2^6, 3^5, 6^4\})$	3304800
12	$\mathcal{O}(2; \{2^2, 3^8, 6^4\})$	26555040
12	$\mathcal{O}(2; \{2^7, 3^2, 4^2, 6^4\})$	912384
12	$\mathcal{O}(2; \{2^3, 3^5, 4^2, 6^4\})$	7050240
12	$\mathcal{O}(2; \{2^4, 3^2, 4^4, 6^4\})$	3649536
12	$\mathcal{O}(2; \{3^5, 4^4, 6^4\})$	28200960
12	$\mathcal{O}(2; \{2, 3^2, 4^6, 6^4\})$	14598144
12	$\mathcal{O}(2; \{2^{11}, 6^5\})$	194400
12	$\mathcal{O}(2; \{2^7, 3^3, 6^5\})$	1671840
12	$\mathcal{O}(2; \{2^3, 3^6, 6^5\})$	13258080
12	$\mathcal{O}(2; \{2^8, 4^2, 6^5\})$	414720
12	$\mathcal{O}(2; \{2^4, 3^3, 4^2, 6^5\})$	3566592
12	$\mathcal{O}(2; \{3^6, 4^2, 6^5\})$	28283904
12	$\mathcal{O}(2; \{2^5, 4^4, 6^5\})$	1658880
12	$\mathcal{O}(2; \{2, 3^3, 4^4, 6^5\})$	14266368
12	$\mathcal{O}(2; \{2^2, 4^6, 6^5\})$	6635520
12	$\mathcal{O}(2; \{2^8, 3, 6^6\})$	816480
12	$\mathcal{O}(2; \{2^4, 3^4, 6^6\})$	6648480
12	$\mathcal{O}(2; \{3^7, 6^6\})$	53071200
12	$\mathcal{O}(2; \{2^5, 3, 4^2, 6^6\})$	1741824
12	$\mathcal{O}(2; \{2, 3^4, 4^2, 6^6\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3, 4^4, 6^6\})$	6967296
12	$\mathcal{O}(2; \{2^5, 3^2, 6^7\})$	3304800
12	$\mathcal{O}(2; \{2, 3^5, 6^7\})$	26555040
12	$\mathcal{O}(2; \{2^2, 3^2, 4^2, 6^7\})$	7050240
12	$\mathcal{O}(2; \{2^6, 6^8\})$	1671840
12	$\mathcal{O}(2; \{2^2, 3^3, 6^8\})$	13258080
12	$\mathcal{O}(2; \{2^3, 4^2, 6^8\})$	3566592
12	$\mathcal{O}(2; \{4^4, 6^8\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3, 6^9\})$	6648480
12	$\mathcal{O}(2; \{3, 4^2, 6^9\})$	14183424

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{3^2, 6^{10}\})$	26555040
12	$\mathcal{O}(2; \{2, 6^{11}\})$	13258080
12	$\mathcal{O}(2; \{2^{12}, 3^3, 4, 12\})$	248832
12	$\mathcal{O}(2; \{2^8, 3^6, 4, 12\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^9, 4, 12\})$	14183424
12	$\mathcal{O}(2; \{3^{12}, 4, 12\})$	113218560
12	$\mathcal{O}(2; \{2^9, 3^3, 4^3, 12\})$	995328
12	$\mathcal{O}(2; \{2^5, 3^6, 4^3, 12\})$	6967296
12	$\mathcal{O}(2; \{2, 3^9, 4^3, 12\})$	56733696
12	$\mathcal{O}(2; \{2^6, 3^3, 4^5, 12\})$	3981312
12	$\mathcal{O}(2; \{2^2, 3^6, 4^5, 12\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^3, 4^7, 12\})$	15925248
12	$\mathcal{O}(2; \{3^3, 4^9, 12\})$	63700992
12	$\mathcal{O}(2; \{2^{13}, 3, 4, 6, 12\})$	82944
12	$\mathcal{O}(2; \{2^9, 3^4, 4, 6, 12\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^7, 4, 6, 12\})$	7050240
12	$\mathcal{O}(2; \{2, 3^{10}, 4, 6, 12\})$	56650752
12	$\mathcal{O}(2; \{2^{10}, 3, 4^3, 6, 12\})$	331776
12	$\mathcal{O}(2; \{2^6, 3^4, 4^3, 6, 12\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^7, 4^3, 6, 12\})$	28200960
12	$\mathcal{O}(2; \{2^7, 3, 4^5, 6, 12\})$	1327104
12	$\mathcal{O}(2; \{2^3, 3^4, 4^5, 6, 12\})$	14598144
12	$\mathcal{O}(2; \{2^4, 3, 4^7, 6, 12\})$	5308416
12	$\mathcal{O}(2; \{3^4, 4^7, 6, 12\})$	58392576
12	$\mathcal{O}(2; \{2, 3, 4^9, 6, 12\})$	21233664
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4, 6^2, 12\})$	414720
12	$\mathcal{O}(2; \{2^6, 3^5, 4, 6^2, 12\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^8, 4, 6^2, 12\})$	28283904
12	$\mathcal{O}(2; \{2^7, 3^2, 4^3, 6^2, 12\})$	1658880
12	$\mathcal{O}(2; \{2^3, 3^5, 4^3, 6^2, 12\})$	14266368
12	$\mathcal{O}(2; \{2^4, 3^2, 4^5, 6^2, 12\})$	6635520
12	$\mathcal{O}(2; \{3^5, 4^5, 6^2, 12\})$	57065472
12	$\mathcal{O}(2; \{2, 3^2, 4^7, 6^2, 12\})$	26542080
12	$\mathcal{O}(2; \{2^{11}, 4, 6^3, 12\})$	248832
12	$\mathcal{O}(2; \{2^7, 3^3, 4, 6^3, 12\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^6, 4, 6^3, 12\})$	14183424
12	$\mathcal{O}(2; \{2^8, 4^3, 6^3, 12\})$	995328
12	$\mathcal{O}(2; \{2^4, 3^3, 4^3, 6^3, 12\})$	6967296
12	$\mathcal{O}(2; \{3^6, 4^3, 6^3, 12\})$	56733696
12	$\mathcal{O}(2; \{2^5, 4^5, 6^3, 12\})$	3981312
12	$\mathcal{O}(2; \{2, 3^3, 4^5, 6^3, 12\})$	27869184
12	$\mathcal{O}(2; \{2^2, 4^7, 6^3, 12\})$	15925248
12	$\mathcal{O}(2; \{2^8, 3, 4, 6^4, 12\})$	912384

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^4, 3^4, 4, 6^4, 12\})$	7050240
12	$\mathcal{O}(2; \{3^7, 4, 6^4, 12\})$	56650752
12	$\mathcal{O}(2; \{2^5, 3, 4^3, 6^4, 12\})$	3649536
12	$\mathcal{O}(2; \{2, 3^4, 4^3, 6^4, 12\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3, 4^5, 6^4, 12\})$	14598144
12	$\mathcal{O}(2; \{2^5, 3^2, 4, 6^5, 12\})$	3566592
12	$\mathcal{O}(2; \{2, 3^5, 4, 6^5, 12\})$	28283904
12	$\mathcal{O}(2; \{2^2, 3^2, 4^3, 6^5, 12\})$	14266368
12	$\mathcal{O}(2; \{2^6, 4, 6^6, 12\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^3, 4, 6^6, 12\})$	14183424
12	$\mathcal{O}(2; \{2^3, 4^3, 6^6, 12\})$	6967296
12	$\mathcal{O}(2; \{4^5, 6^6, 12\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3, 4, 6^7, 12\})$	7050240
12	$\mathcal{O}(2; \{3, 4^3, 6^7, 12\})$	28200960
12	$\mathcal{O}(2; \{3^2, 4, 6^8, 12\})$	28283904
12	$\mathcal{O}(2; \{2, 4, 6^9, 12\})$	14183424
12	$\mathcal{O}(2; \{2^{13}, 3^2, 12^2\})$	248832
12	$\mathcal{O}(2; \{2^9, 3^5, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^8, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2, 3^{11}, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4^2, 12^2\})$	995328
12	$\mathcal{O}(2; \{2^6, 3^5, 4^2, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^8, 4^2, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^7, 3^2, 4^4, 12^2\})$	3981312
12	$\mathcal{O}(2; \{2^3, 3^5, 4^4, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3^2, 4^6, 12^2\})$	15925248
12	$\mathcal{O}(2; \{3^5, 4^6, 12^2\})$	111476736
12	$\mathcal{O}(2; \{2, 3^2, 4^8, 12^2\})$	63700992
12	$\mathcal{O}(2; \{2^{14}, 6, 12^2\})$	82944
12	$\mathcal{O}(2; \{2^{10}, 3^3, 6, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^6, 3^6, 6, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^9, 6, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^{11}, 4^2, 6, 12^2\})$	331776
12	$\mathcal{O}(2; \{2^7, 3^3, 4^2, 6, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^6, 4^2, 6, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^8, 4^4, 6, 12^2\})$	1327104
12	$\mathcal{O}(2; \{2^4, 3^3, 4^4, 6, 12^2\})$	14598144
12	$\mathcal{O}(2; \{3^6, 4^4, 6, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^5, 4^6, 6, 12^2\})$	5308416
12	$\mathcal{O}(2; \{2, 3^3, 4^6, 6, 12^2\})$	58392576
12	$\mathcal{O}(2; \{2^2, 4^8, 6, 12^2\})$	21233664
12	$\mathcal{O}(2; \{2^{11}, 3, 6^2, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^7, 3^4, 6^2, 12^2\})$	3566592

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^3, 3^7, 6^2, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^8, 3, 4^2, 6^2, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3^4, 4^2, 6^2, 12^2\})$	14266368
12	$\mathcal{O}(2; \{3^7, 4^2, 6^2, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^5, 3, 4^4, 6^2, 12^2\})$	6635520
12	$\mathcal{O}(2; \{2, 3^4, 4^4, 6^2, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3, 4^6, 6^2, 12^2\})$	26542080
12	$\mathcal{O}(2; \{2^8, 3^2, 6^3, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^5, 6^3, 12^2\})$	14183424
12	$\mathcal{O}(2; \{3^8, 6^3, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^5, 3^2, 4^2, 6^3, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2, 3^5, 4^2, 6^3, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^2, 3^2, 4^4, 6^3, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2^9, 6^4, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^3, 6^4, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2, 3^6, 6^4, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^6, 4^2, 6^4, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^3, 4^2, 6^4, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^3, 4^4, 6^4, 12^2\})$	14598144
12	$\mathcal{O}(2; \{4^6, 6^4, 12^2\})$	58392576
12	$\mathcal{O}(2; \{2^6, 3, 6^5, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^4, 6^5, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^3, 3, 4^2, 6^5, 12^2\})$	14266368
12	$\mathcal{O}(2; \{3, 4^4, 6^5, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^3, 3^2, 6^6, 12^2\})$	14183424
12	$\mathcal{O}(2; \{3^2, 4^2, 6^6, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^4, 6^7, 12^2\})$	7050240
12	$\mathcal{O}(2; \{3^3, 6^7, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2, 4^2, 6^7, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2, 3, 6^8, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^{11}, 3, 4, 12^3\})$	995328
12	$\mathcal{O}(2; \{2^7, 3^4, 4, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^7, 4, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^8, 3, 4^3, 12^3\})$	3981312
12	$\mathcal{O}(2; \{2^4, 3^4, 4^3, 12^3\})$	27869184
12	$\mathcal{O}(2; \{3^7, 4^3, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2^5, 3, 4^5, 12^3\})$	15925248
12	$\mathcal{O}(2; \{2, 3^4, 4^5, 12^3\})$	111476736
12	$\mathcal{O}(2; \{2^2, 3, 4^7, 12^3\})$	63700992
12	$\mathcal{O}(2; \{2^8, 3^2, 4, 6, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^5, 4, 6, 12^3\})$	28200960
12	$\mathcal{O}(2; \{3^8, 4, 6, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^5, 3^2, 4^3, 6, 12^3\})$	14598144

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2, 3^5, 4^3, 6, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3^2, 4^5, 6, 12^3\})$	58392576
12	$\mathcal{O}(2; \{2^9, 4, 6^2, 12^3\})$	1658880
12	$\mathcal{O}(2; \{2^5, 3^3, 4, 6^2, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2, 3^6, 4, 6^2, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^6, 4^3, 6^2, 12^3\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^3, 4^3, 6^2, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2^3, 4^5, 6^2, 12^3\})$	26542080
12	$\mathcal{O}(2; \{4^7, 6^2, 12^3\})$	106168320
12	$\mathcal{O}(2; \{2^6, 3, 4, 6^3, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^4, 4, 6^3, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^3, 3, 4^3, 6^3, 12^3\})$	27869184
12	$\mathcal{O}(2; \{3, 4^5, 6^3, 12^3\})$	111476736
12	$\mathcal{O}(2; \{2^3, 3^2, 4, 6^4, 12^3\})$	28200960
12	$\mathcal{O}(2; \{3^2, 4^3, 6^4, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^4, 4, 6^5, 12^3\})$	14266368
12	$\mathcal{O}(2; \{3^3, 4, 6^5, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2, 4^3, 6^5, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2, 3, 4, 6^6, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^{12}, 12^4\})$	995328
12	$\mathcal{O}(2; \{2^8, 3^3, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^6, 12^4\})$	56733696
12	$\mathcal{O}(2; \{3^9, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2^9, 4^2, 12^4\})$	3981312
12	$\mathcal{O}(2; \{2^5, 3^3, 4^2, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2, 3^6, 4^2, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^6, 4^4, 12^4\})$	15925248
12	$\mathcal{O}(2; \{2^2, 3^3, 4^4, 12^4\})$	111476736
12	$\mathcal{O}(2; \{2^3, 4^6, 12^4\})$	63700992
12	$\mathcal{O}(2; \{4^8, 12^4\})$	254803968
12	$\mathcal{O}(2; \{2^9, 3, 6, 12^4\})$	3649536
12	$\mathcal{O}(2; \{2^5, 3^4, 6, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2, 3^7, 6, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^6, 3, 4^2, 6, 12^4\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3^4, 4^2, 6, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2^3, 3, 4^4, 6, 12^4\})$	58392576
12	$\mathcal{O}(2; \{3, 4^6, 6, 12^4\})$	233570304
12	$\mathcal{O}(2; \{2^6, 3^2, 6^2, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^5, 6^2, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^3, 3^2, 4^2, 6^2, 12^4\})$	57065472
12	$\mathcal{O}(2; \{3^2, 4^4, 6^2, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2^7, 6^3, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^3, 6^3, 12^4\})$	56733696

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^4, 4^2, 6^3, 12^4\})$	27869184
12	$\mathcal{O}(2; \{3^3, 4^2, 6^3, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2, 4^4, 6^3, 12^4\})$	111476736
12	$\mathcal{O}(2; \{2^4, 3, 6^4, 12^4\})$	28200960
12	$\mathcal{O}(2; \{3^4, 6^4, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2, 3, 4^2, 6^4, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2, 3^2, 6^5, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^2, 6^6, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^6, 3^2, 4, 12^5\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^5, 4, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2^3, 3^2, 4^3, 12^5\})$	111476736
12	$\mathcal{O}(2; \{3^2, 4^5, 12^5\})$	445906944
12	$\mathcal{O}(2; \{2^7, 4, 6, 12^5\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3^3, 4, 6, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2^4, 4^3, 6, 12^5\})$	58392576
12	$\mathcal{O}(2; \{3^3, 4^3, 6, 12^5\})$	451215360
12	$\mathcal{O}(2; \{2, 4^5, 6, 12^5\})$	233570304
12	$\mathcal{O}(2; \{2^4, 3, 4, 6^2, 12^5\})$	57065472
12	$\mathcal{O}(2; \{3^4, 4, 6^2, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2, 3, 4^3, 6^2, 12^5\})$	228261888
12	$\mathcal{O}(2; \{2, 3^2, 4, 6^3, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2^2, 4, 6^4, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2^7, 3, 12^6\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^4, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2^4, 3, 4^2, 12^6\})$	111476736
12	$\mathcal{O}(2; \{3^4, 4^2, 12^6\})$	907739136
12	$\mathcal{O}(2; \{2, 3, 4^4, 12^6\})$	445906944
12	$\mathcal{O}(2; \{2^4, 3^2, 6, 12^6\})$	112803840
12	$\mathcal{O}(2; \{3^5, 6, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2, 3^2, 4^2, 6, 12^6\})$	451215360
12	$\mathcal{O}(2; \{2^5, 6^2, 12^6\})$	57065472
12	$\mathcal{O}(2; \{2, 3^3, 6^2, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2^2, 4^2, 6^2, 12^6\})$	228261888
12	$\mathcal{O}(2; \{2^2, 3, 6^3, 12^6\})$	226934784
12	$\mathcal{O}(2; \{6^5, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2^5, 4, 12^7\})$	111476736
12	$\mathcal{O}(2; \{2, 3^3, 4, 12^7\})$	907739136
12	$\mathcal{O}(2; \{2^2, 4^3, 12^7\})$	445906944
12	$\mathcal{O}(2; \{2^2, 3, 4, 6, 12^7\})$	451215360
12	$\mathcal{O}(2; \{4, 6^3, 12^7\})$	907739136
12	$\mathcal{O}(2; \{2^2, 3^2, 12^8\})$	907739136
12	$\mathcal{O}(2; \{2^3, 6, 12^8\})$	451215360
12	$\mathcal{O}(2; \{4^2, 6, 12^8\})$	1804861440

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{3, 6^2, 12^8\})$	1810169856
12	$\mathcal{O}(2; \{3, 4, 12^9\})$	3630956544
12	$\mathcal{O}(2; \{2, 12^{10}\})$	3630956544
12	$\mathcal{O}(1; \{2^{18}, 3^4\})$	648
12	$\mathcal{O}(1; \{2^{14}, 3^7\})$	4536
12	$\mathcal{O}(1; \{2^{10}, 3^{10}\})$	36936
12	$\mathcal{O}(1; \{2^6, 3^{13}\})$	294840
12	$\mathcal{O}(1; \{2^2, 3^{16}\})$	2359368
12	$\mathcal{O}(1; \{2^{15}, 3^4, 4^2\})$	1728
12	$\mathcal{O}(1; \{2^{11}, 3^7, 4^2\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^{10}, 4^2\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^{13}, 4^2\})$	786240
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4^4\})$	6912
12	$\mathcal{O}(1; \{2^8, 3^7, 4^4\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4^4\})$	393984
12	$\mathcal{O}(1; \{3^{13}, 4^4\})$	3144960
12	$\mathcal{O}(1; \{2^9, 3^4, 4^6\})$	27648
12	$\mathcal{O}(1; \{2^5, 3^7, 4^6\})$	193536
12	$\mathcal{O}(1; \{2, 3^{10}, 4^6\})$	1575936
12	$\mathcal{O}(1; \{2^6, 3^4, 4^8\})$	110592
12	$\mathcal{O}(1; \{2^2, 3^7, 4^8\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^4, 4^{10}\})$	442368
12	$\mathcal{O}(1; \{3^4, 4^{12}\})$	1769472
12	$\mathcal{O}(1; \{2^{19}, 3^2, 6\})$	216
12	$\mathcal{O}(1; \{2^{15}, 3^5, 6\})$	2376
12	$\mathcal{O}(1; \{2^{11}, 3^8, 6\})$	18360
12	$\mathcal{O}(1; \{2^7, 3^{11}, 6\})$	147528
12	$\mathcal{O}(1; \{2^3, 3^{14}, 6\})$	1179576
12	$\mathcal{O}(1; \{2^{16}, 3^2, 4^2, 6\})$	576
12	$\mathcal{O}(1; \{2^{12}, 3^5, 4^2, 6\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^8, 4^2, 6\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^{11}, 4^2, 6\})$	393408
12	$\mathcal{O}(1; \{3^{14}, 4^2, 6\})$	3145536
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^4, 6\})$	2304
12	$\mathcal{O}(1; \{2^9, 3^5, 4^4, 6\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^8, 4^4, 6\})$	195840
12	$\mathcal{O}(1; \{2, 3^{11}, 4^4, 6\})$	1573632
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^6, 6\})$	9216
12	$\mathcal{O}(1; \{2^6, 3^5, 4^6, 6\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^8, 4^6, 6\})$	783360
12	$\mathcal{O}(1; \{2^7, 3^2, 4^8, 6\})$	36864
12	$\mathcal{O}(1; \{2^3, 3^5, 4^8, 6\})$	405504
12	$\mathcal{O}(1; \{2^4, 3^2, 4^{10}, 6\})$	147456

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^5, 4^{10}, 6\})$	1622016
12	$\mathcal{O}(1; \{2, 3^2, 4^{12}, 6\})$	589824
12	$\mathcal{O}(1; \{2^{20}, 6^2\})$	216
12	$\mathcal{O}(1; \{2^{16}, 3^3, 6^2\})$	1080
12	$\mathcal{O}(1; \{2^{12}, 3^6, 6^2\})$	9288
12	$\mathcal{O}(1; \{2^8, 3^9, 6^2\})$	73656
12	$\mathcal{O}(1; \{2^4, 3^{12}, 6^2\})$	589896
12	$\mathcal{O}(1; \{3^{15}, 6^2\})$	4718520
12	$\mathcal{O}(1; \{2^{17}, 4^2, 6^2\})$	576
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4^2, 6^2\})$	2880
12	$\mathcal{O}(1; \{2^9, 3^6, 4^2, 6^2\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^9, 4^2, 6^2\})$	196416
12	$\mathcal{O}(1; \{2, 3^{12}, 4^2, 6^2\})$	1573056
12	$\mathcal{O}(1; \{2^{14}, 4^4, 6^2\})$	2304
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^4, 6^2\})$	11520
12	$\mathcal{O}(1; \{2^6, 3^6, 4^4, 6^2\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^9, 4^4, 6^2\})$	785664
12	$\mathcal{O}(1; \{2^{11}, 4^6, 6^2\})$	9216
12	$\mathcal{O}(1; \{2^7, 3^3, 4^6, 6^2\})$	46080
12	$\mathcal{O}(1; \{2^3, 3^6, 4^6, 6^2\})$	396288
12	$\mathcal{O}(1; \{2^8, 4^8, 6^2\})$	36864
12	$\mathcal{O}(1; \{2^4, 3^3, 4^8, 6^2\})$	184320
12	$\mathcal{O}(1; \{3^6, 4^8, 6^2\})$	1585152
12	$\mathcal{O}(1; \{2^5, 4^{10}, 6^2\})$	147456
12	$\mathcal{O}(1; \{2, 3^3, 4^{10}, 6^2\})$	737280
12	$\mathcal{O}(1; \{2^2, 4^{12}, 6^2\})$	589824
12	$\mathcal{O}(1; \{2^{17}, 3, 6^3\})$	648
12	$\mathcal{O}(1; \{2^{13}, 3^4, 6^3\})$	4536
12	$\mathcal{O}(1; \{2^9, 3^7, 6^3\})$	36936
12	$\mathcal{O}(1; \{2^5, 3^{10}, 6^3\})$	294840
12	$\mathcal{O}(1; \{2, 3^{13}, 6^3\})$	2359368
12	$\mathcal{O}(1; \{2^{14}, 3, 4^2, 6^3\})$	1728
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^2, 6^3\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^7, 4^2, 6^3\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^2, 6^3\})$	786240
12	$\mathcal{O}(1; \{2^{11}, 3, 4^4, 6^3\})$	6912
12	$\mathcal{O}(1; \{2^7, 3^4, 4^4, 6^3\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^7, 4^4, 6^3\})$	393984
12	$\mathcal{O}(1; \{2^8, 3, 4^6, 6^3\})$	27648
12	$\mathcal{O}(1; \{2^4, 3^4, 4^6, 6^3\})$	193536
12	$\mathcal{O}(1; \{3^7, 4^6, 6^3\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3, 4^8, 6^3\})$	110592
12	$\mathcal{O}(1; \{2, 3^4, 4^8, 6^3\})$	774144

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3, 4^{10}, 6^3\})$	442368
12	$\mathcal{O}(1; \{2^{14}, 3^2, 6^4\})$	2376
12	$\mathcal{O}(1; \{2^{10}, 3^5, 6^4\})$	18360
12	$\mathcal{O}(1; \{2^6, 3^8, 6^4\})$	147528
12	$\mathcal{O}(1; \{2^2, 3^{11}, 6^4\})$	1179576
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^2, 6^4\})$	6336
12	$\mathcal{O}(1; \{2^7, 3^5, 4^2, 6^4\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^8, 4^2, 6^4\})$	393408
12	$\mathcal{O}(1; \{2^8, 3^2, 4^4, 6^4\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^5, 4^4, 6^4\})$	195840
12	$\mathcal{O}(1; \{3^8, 4^4, 6^4\})$	1573632
12	$\mathcal{O}(1; \{2^5, 3^2, 4^6, 6^4\})$	101376
12	$\mathcal{O}(1; \{2, 3^5, 4^6, 6^4\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^2, 4^8, 6^4\})$	405504
12	$\mathcal{O}(1; \{2^{15}, 6^5\})$	1080
12	$\mathcal{O}(1; \{2^{11}, 3^3, 6^5\})$	9288
12	$\mathcal{O}(1; \{2^7, 3^6, 6^5\})$	73656
12	$\mathcal{O}(1; \{2^3, 3^9, 6^5\})$	589896
12	$\mathcal{O}(1; \{2^{12}, 4^2, 6^5\})$	2880
12	$\mathcal{O}(1; \{2^8, 3^3, 4^2, 6^5\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^6, 4^2, 6^5\})$	196416
12	$\mathcal{O}(1; \{3^9, 4^2, 6^5\})$	1573056
12	$\mathcal{O}(1; \{2^9, 4^4, 6^5\})$	11520
12	$\mathcal{O}(1; \{2^5, 3^3, 4^4, 6^5\})$	99072
12	$\mathcal{O}(1; \{2, 3^6, 4^4, 6^5\})$	785664
12	$\mathcal{O}(1; \{2^6, 4^6, 6^5\})$	46080
12	$\mathcal{O}(1; \{2^2, 3^3, 4^6, 6^5\})$	396288
12	$\mathcal{O}(1; \{2^3, 4^8, 6^5\})$	184320
12	$\mathcal{O}(1; \{4^{10}, 6^5\})$	737280
12	$\mathcal{O}(1; \{2^{12}, 3, 6^6\})$	4536
12	$\mathcal{O}(1; \{2^8, 3^4, 6^6\})$	36936
12	$\mathcal{O}(1; \{2^4, 3^7, 6^6\})$	294840
12	$\mathcal{O}(1; \{3^{10}, 6^6\})$	2359368
12	$\mathcal{O}(1; \{2^9, 3, 4^2, 6^6\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^4, 4^2, 6^6\})$	98496
12	$\mathcal{O}(1; \{2, 3^7, 4^2, 6^6\})$	786240
12	$\mathcal{O}(1; \{2^6, 3, 4^4, 6^6\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^4, 4^4, 6^6\})$	393984
12	$\mathcal{O}(1; \{2^3, 3, 4^6, 6^6\})$	193536
12	$\mathcal{O}(1; \{3, 4^8, 6^6\})$	774144
12	$\mathcal{O}(1; \{2^9, 3^2, 6^7\})$	18360
12	$\mathcal{O}(1; \{2^5, 3^5, 6^7\})$	147528
12	$\mathcal{O}(1; \{2, 3^8, 6^7\})$	1179576

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^6, 3^2, 4^2, 6^7\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^5, 4^2, 6^7\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^2, 4^4, 6^7\})$	195840
12	$\mathcal{O}(1; \{3^2, 4^6, 6^7\})$	783360
12	$\mathcal{O}(1; \{2^{10}, 6^8\})$	9288
12	$\mathcal{O}(1; \{2^6, 3^3, 6^8\})$	73656
12	$\mathcal{O}(1; \{2^2, 3^6, 6^8\})$	589896
12	$\mathcal{O}(1; \{2^7, 4^2, 6^8\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 6^8\})$	196416
12	$\mathcal{O}(1; \{2^4, 4^4, 6^8\})$	99072
12	$\mathcal{O}(1; \{3^3, 4^4, 6^8\})$	785664
12	$\mathcal{O}(1; \{2, 4^6, 6^8\})$	396288
12	$\mathcal{O}(1; \{2^7, 3, 6^9\})$	36936
12	$\mathcal{O}(1; \{2^3, 3^4, 6^9\})$	294840
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 6^9\})$	98496
12	$\mathcal{O}(1; \{3^4, 4^2, 6^9\})$	786240
12	$\mathcal{O}(1; \{2, 3, 4^4, 6^9\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^2, 6^{10}\})$	147528
12	$\mathcal{O}(1; \{3^5, 6^{10}\})$	1179576
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^{10}\})$	393408
12	$\mathcal{O}(1; \{2^5, 6^{11}\})$	73656
12	$\mathcal{O}(1; \{2, 3^3, 6^{11}\})$	589896
12	$\mathcal{O}(1; \{2^2, 4^2, 6^{11}\})$	196416
12	$\mathcal{O}(1; \{2^2, 3, 6^{12}\})$	294840
12	$\mathcal{O}(1; \{6^{14}\})$	589896
12	$\mathcal{O}(1; \{2^{16}, 3^3, 4, 12\})$	1728
12	$\mathcal{O}(1; \{2^{12}, 3^6, 4, 12\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^9, 4, 12\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^{12}, 4, 12\})$	786240
12	$\mathcal{O}(1; \{3^{15}, 4, 12\})$	6291648
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4^3, 12\})$	6912
12	$\mathcal{O}(1; \{2^9, 3^6, 4^3, 12\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^9, 4^3, 12\})$	393984
12	$\mathcal{O}(1; \{2, 3^{12}, 4^3, 12\})$	3144960
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^5, 12\})$	27648
12	$\mathcal{O}(1; \{2^6, 3^6, 4^5, 12\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^9, 4^5, 12\})$	1575936
12	$\mathcal{O}(1; \{2^7, 3^3, 4^7, 12\})$	110592
12	$\mathcal{O}(1; \{2^3, 3^6, 4^7, 12\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^3, 4^9, 12\})$	442368
12	$\mathcal{O}(1; \{3^6, 4^9, 12\})$	3096576
12	$\mathcal{O}(1; \{2, 3^3, 4^{11}, 12\})$	1769472
12	$\mathcal{O}(1; \{2^{17}, 3, 4, 6, 12\})$	576

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{13}, 3^4, 4, 6, 12\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^7, 4, 6, 12\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^{10}, 4, 6, 12\})$	393408
12	$\mathcal{O}(1; \{2, 3^{13}, 4, 6, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{14}, 3, 4^3, 6, 12\})$	2304
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^3, 6, 12\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^7, 4^3, 6, 12\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^3, 6, 12\})$	1573632
12	$\mathcal{O}(1; \{2^{11}, 3, 4^5, 6, 12\})$	9216
12	$\mathcal{O}(1; \{2^7, 3^4, 4^5, 6, 12\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^7, 4^5, 6, 12\})$	783360
12	$\mathcal{O}(1; \{2^8, 3, 4^7, 6, 12\})$	36864
12	$\mathcal{O}(1; \{2^4, 3^4, 4^7, 6, 12\})$	405504
12	$\mathcal{O}(1; \{3^7, 4^7, 6, 12\})$	3133440
12	$\mathcal{O}(1; \{2^5, 3, 4^9, 6, 12\})$	147456
12	$\mathcal{O}(1; \{2, 3^4, 4^9, 6, 12\})$	1622016
12	$\mathcal{O}(1; \{2^2, 3, 4^{11}, 6, 12\})$	589824
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4, 6^2, 12\})$	2880
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4, 6^2, 12\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^8, 4, 6^2, 12\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4, 6^2, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^3, 6^2, 12\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^5, 4^3, 6^2, 12\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^8, 4^3, 6^2, 12\})$	785664
12	$\mathcal{O}(1; \{2^8, 3^2, 4^5, 6^2, 12\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^5, 4^5, 6^2, 12\})$	396288
12	$\mathcal{O}(1; \{3^8, 4^5, 6^2, 12\})$	3142656
12	$\mathcal{O}(1; \{2^5, 3^2, 4^7, 6^2, 12\})$	184320
12	$\mathcal{O}(1; \{2, 3^5, 4^7, 6^2, 12\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^2, 4^9, 6^2, 12\})$	737280
12	$\mathcal{O}(1; \{2^{15}, 4, 6^3, 12\})$	1728
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4, 6^3, 12\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^6, 4, 6^3, 12\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^9, 4, 6^3, 12\})$	786240
12	$\mathcal{O}(1; \{2^{12}, 4^3, 6^3, 12\})$	6912
12	$\mathcal{O}(1; \{2^8, 3^3, 4^3, 6^3, 12\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^6, 4^3, 6^3, 12\})$	393984
12	$\mathcal{O}(1; \{3^9, 4^3, 6^3, 12\})$	3144960
12	$\mathcal{O}(1; \{2^9, 4^5, 6^3, 12\})$	27648
12	$\mathcal{O}(1; \{2^5, 3^3, 4^5, 6^3, 12\})$	193536
12	$\mathcal{O}(1; \{2, 3^6, 4^5, 6^3, 12\})$	1575936
12	$\mathcal{O}(1; \{2^6, 4^7, 6^3, 12\})$	110592
12	$\mathcal{O}(1; \{2^2, 3^3, 4^7, 6^3, 12\})$	774144

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 4^9, 6^3, 12\})$	442368
12	$\mathcal{O}(1; \{4^{11}, 6^3, 12\})$	1769472
12	$\mathcal{O}(1; \{2^{12}, 3, 4, 6^4, 12\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^4, 4, 6^4, 12\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^7, 4, 6^4, 12\})$	393408
12	$\mathcal{O}(1; \{3^{10}, 4, 6^4, 12\})$	3145536
12	$\mathcal{O}(1; \{2^9, 3, 4^3, 6^4, 12\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^4, 4^3, 6^4, 12\})$	195840
12	$\mathcal{O}(1; \{2, 3^7, 4^3, 6^4, 12\})$	1573632
12	$\mathcal{O}(1; \{2^6, 3, 4^5, 6^4, 12\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^4, 4^5, 6^4, 12\})$	783360
12	$\mathcal{O}(1; \{2^3, 3, 4^7, 6^4, 12\})$	405504
12	$\mathcal{O}(1; \{3, 4^9, 6^4, 12\})$	1622016
12	$\mathcal{O}(1; \{2^9, 3^2, 4, 6^5, 12\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^5, 4, 6^5, 12\})$	196416
12	$\mathcal{O}(1; \{2, 3^8, 4, 6^5, 12\})$	1573056
12	$\mathcal{O}(1; \{2^6, 3^2, 4^3, 6^5, 12\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^5, 4^3, 6^5, 12\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^2, 4^5, 6^5, 12\})$	396288
12	$\mathcal{O}(1; \{3^2, 4^7, 6^5, 12\})$	1585152
12	$\mathcal{O}(1; \{2^{10}, 4, 6^6, 12\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^3, 4, 6^6, 12\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^6, 4, 6^6, 12\})$	786240
12	$\mathcal{O}(1; \{2^7, 4^3, 6^6, 12\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^3, 4^3, 6^6, 12\})$	393984
12	$\mathcal{O}(1; \{2^4, 4^5, 6^6, 12\})$	193536
12	$\mathcal{O}(1; \{3^3, 4^5, 6^6, 12\})$	1575936
12	$\mathcal{O}(1; \{2, 4^7, 6^6, 12\})$	774144
12	$\mathcal{O}(1; \{2^7, 3, 4, 6^7, 12\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^4, 4, 6^7, 12\})$	393408
12	$\mathcal{O}(1; \{2^4, 3, 4^3, 6^7, 12\})$	195840
12	$\mathcal{O}(1; \{3^4, 4^3, 6^7, 12\})$	1573632
12	$\mathcal{O}(1; \{2, 3, 4^5, 6^7, 12\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 6^8, 12\})$	196416
12	$\mathcal{O}(1; \{3^5, 4, 6^8, 12\})$	1573056
12	$\mathcal{O}(1; \{2, 3^2, 4^3, 6^8, 12\})$	785664
12	$\mathcal{O}(1; \{2^5, 4, 6^9, 12\})$	98496
12	$\mathcal{O}(1; \{2, 3^3, 4, 6^9, 12\})$	786240
12	$\mathcal{O}(1; \{2^2, 4^3, 6^9, 12\})$	393984
12	$\mathcal{O}(1; \{2^2, 3, 4, 6^{10}, 12\})$	393408
12	$\mathcal{O}(1; \{4, 6^{12}, 12\})$	786240
12	$\mathcal{O}(1; \{2^{17}, 3^2, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{13}, 3^5, 12^2\})$	12096

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^9, 3^8, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^{11}, 12^2\})$	786240
12	$\mathcal{O}(1; \{2, 3^{14}, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4^2, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4^2, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^8, 4^2, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4^2, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^4, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^7, 3^5, 4^4, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^8, 4^4, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^8, 3^2, 4^6, 12^2\})$	110592
12	$\mathcal{O}(1; \{2^4, 3^5, 4^6, 12^2\})$	774144
12	$\mathcal{O}(1; \{3^8, 4^6, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^5, 3^2, 4^8, 12^2\})$	442368
12	$\mathcal{O}(1; \{2, 3^5, 4^8, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3^2, 4^{10}, 12^2\})$	1769472
12	$\mathcal{O}(1; \{2^{18}, 6, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{14}, 3^3, 6, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^{10}, 3^6, 6, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^9, 6, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^{12}, 6, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{15}, 4^2, 6, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^2, 6, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^6, 4^2, 6, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^9, 4^2, 6, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^{12}, 4^4, 6, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^8, 3^3, 4^4, 6, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^6, 4^4, 6, 12^2\})$	783360
12	$\mathcal{O}(1; \{3^9, 4^4, 6, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^9, 4^6, 6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^5, 3^3, 4^6, 6, 12^2\})$	405504
12	$\mathcal{O}(1; \{2, 3^6, 4^6, 6, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^6, 4^8, 6, 12^2\})$	147456
12	$\mathcal{O}(1; \{2^2, 3^3, 4^8, 6, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2^3, 4^{10}, 6, 12^2\})$	589824
12	$\mathcal{O}(1; \{4^{12}, 6, 12^2\})$	2359296
12	$\mathcal{O}(1; \{2^{15}, 3, 6^2, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{11}, 3^4, 6^2, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^7, 6^2, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^{10}, 6^2, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^{12}, 3, 4^2, 6^2, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^4, 4^2, 6^2, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^7, 4^2, 6^2, 12^2\})$	785664

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^{10}, 4^2, 6^2, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^9, 3, 4^4, 6^2, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^4, 4^4, 6^2, 12^2\})$	396288
12	$\mathcal{O}(1; \{2, 3^7, 4^4, 6^2, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^6, 3, 4^6, 6^2, 12^2\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^4, 4^6, 6^2, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3, 4^8, 6^2, 12^2\})$	737280
12	$\mathcal{O}(1; \{3, 4^{10}, 6^2, 12^2\})$	2949120
12	$\mathcal{O}(1; \{2^{12}, 3^2, 6^3, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^5, 6^3, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^8, 6^3, 12^2\})$	786240
12	$\mathcal{O}(1; \{3^{11}, 6^3, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^9, 3^2, 4^2, 6^3, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^5, 4^2, 6^3, 12^2\})$	393984
12	$\mathcal{O}(1; \{2, 3^8, 4^2, 6^3, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^6, 3^2, 4^4, 6^3, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^5, 4^4, 6^3, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^2, 4^6, 6^3, 12^2\})$	774144
12	$\mathcal{O}(1; \{3^2, 4^8, 6^3, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^{13}, 6^4, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^3, 6^4, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^6, 6^4, 12^2\})$	393408
12	$\mathcal{O}(1; \{2, 3^9, 6^4, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{10}, 4^2, 6^4, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^3, 4^2, 6^4, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^6, 4^2, 6^4, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^7, 4^4, 6^4, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^3, 4^4, 6^4, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^4, 4^6, 6^4, 12^2\})$	405504
12	$\mathcal{O}(1; \{3^3, 4^6, 6^4, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2, 4^8, 6^4, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2^{10}, 3, 6^5, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^4, 6^5, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^7, 6^5, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^7, 3, 4^2, 6^5, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^4, 4^2, 6^5, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^4, 3, 4^4, 6^5, 12^2\})$	396288
12	$\mathcal{O}(1; \{3^4, 4^4, 6^5, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2, 3, 4^6, 6^5, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^7, 3^2, 6^6, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^5, 6^6, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 6^6, 12^2\})$	393984
12	$\mathcal{O}(1; \{3^5, 4^2, 6^6, 12^2\})$	3144960

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^2, 4^4, 6^6, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^8, 6^7, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^3, 6^7, 12^2\})$	393408
12	$\mathcal{O}(1; \{3^6, 6^7, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^5, 4^2, 6^7, 12^2\})$	195840
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 6^7, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^2, 4^4, 6^7, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^5, 3, 6^8, 12^2\})$	196416
12	$\mathcal{O}(1; \{2, 3^4, 6^8, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^8, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^2, 6^9, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^3, 6^{10}, 12^2\})$	393408
12	$\mathcal{O}(1; \{4^2, 6^{10}, 12^2\})$	1573632
12	$\mathcal{O}(1; \{3, 6^{11}, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^{15}, 3, 4, 12^3\})$	6912
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^7, 4, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^{12}, 3, 4^3, 12^3\})$	27648
12	$\mathcal{O}(1; \{2^8, 3^4, 4^3, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^7, 4^3, 12^3\})$	1575936
12	$\mathcal{O}(1; \{3^{10}, 4^3, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^9, 3, 4^5, 12^3\})$	110592
12	$\mathcal{O}(1; \{2^5, 3^4, 4^5, 12^3\})$	774144
12	$\mathcal{O}(1; \{2, 3^7, 4^5, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^6, 3, 4^7, 12^3\})$	442368
12	$\mathcal{O}(1; \{2^2, 3^4, 4^7, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2^3, 3, 4^9, 12^3\})$	1769472
12	$\mathcal{O}(1; \{3, 4^{11}, 12^3\})$	7077888
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4, 6, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^5, 4, 6, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^8, 4, 6, 12^3\})$	1573632
12	$\mathcal{O}(1; \{3^{11}, 4, 6, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^9, 3^2, 4^3, 6, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^5, 4^3, 6, 12^3\})$	783360
12	$\mathcal{O}(1; \{2, 3^8, 4^3, 6, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^6, 3^2, 4^5, 6, 12^3\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^5, 4^5, 6, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3^2, 4^7, 6, 12^3\})$	1622016
12	$\mathcal{O}(1; \{3^2, 4^9, 6, 12^3\})$	6488064
12	$\mathcal{O}(1; \{2^{13}, 4, 6^2, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^9, 3^3, 4, 6^2, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^6, 4, 6^2, 12^3\})$	785664

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^9, 4, 6^2, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^{10}, 4^3, 6^2, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^3, 4^3, 6^2, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^6, 4^3, 6^2, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^7, 4^5, 6^2, 12^3\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^3, 4^5, 6^2, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^4, 4^7, 6^2, 12^3\})$	737280
12	$\mathcal{O}(1; \{3^3, 4^7, 6^2, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2, 4^9, 6^2, 12^3\})$	2949120
12	$\mathcal{O}(1; \{2^{10}, 3, 4, 6^3, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^4, 4, 6^3, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^7, 4, 6^3, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^7, 3, 4^3, 6^3, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^4, 4^3, 6^3, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3, 4^5, 6^3, 12^3\})$	774144
12	$\mathcal{O}(1; \{3^4, 4^5, 6^3, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2, 3, 4^7, 6^3, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2^7, 3^2, 4, 6^4, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^5, 4, 6^4, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^4, 3^2, 4^3, 6^4, 12^3\})$	783360
12	$\mathcal{O}(1; \{3^5, 4^3, 6^4, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2, 3^2, 4^5, 6^4, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^8, 4, 6^5, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^3, 4, 6^5, 12^3\})$	785664
12	$\mathcal{O}(1; \{3^6, 4, 6^5, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^5, 4^3, 6^5, 12^3\})$	396288
12	$\mathcal{O}(1; \{2, 3^3, 4^3, 6^5, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^2, 4^5, 6^5, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^5, 3, 4, 6^6, 12^3\})$	393984
12	$\mathcal{O}(1; \{2, 3^4, 4, 6^6, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 6^6, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^7, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^3, 4, 6^8, 12^3\})$	785664
12	$\mathcal{O}(1; \{4^3, 6^8, 12^3\})$	3142656
12	$\mathcal{O}(1; \{3, 4, 6^9, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^{16}, 12^4\})$	6912
12	$\mathcal{O}(1; \{2^{12}, 3^3, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^8, 3^6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^9, 12^4\})$	3144960
12	$\mathcal{O}(1; \{3^{12}, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^{13}, 4^2, 12^4\})$	27648
12	$\mathcal{O}(1; \{2^9, 3^3, 4^2, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^6, 4^2, 12^4\})$	1575936

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^9, 4^2, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^{10}, 4^4, 12^4\})$	110592
12	$\mathcal{O}(1; \{2^6, 3^3, 4^4, 12^4\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^6, 4^4, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^7, 4^6, 12^4\})$	442368
12	$\mathcal{O}(1; \{2^3, 3^3, 4^6, 12^4\})$	3096576
12	$\mathcal{O}(1; \{2^4, 4^8, 12^4\})$	1769472
12	$\mathcal{O}(1; \{3^3, 4^8, 12^4\})$	12386304
12	$\mathcal{O}(1; \{2, 4^{10}, 12^4\})$	7077888
12	$\mathcal{O}(1; \{2^{13}, 3, 6, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^9, 3^4, 6, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^7, 6, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2, 3^{10}, 6, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^{10}, 3, 4^2, 6, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^6, 3^4, 4^2, 6, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^7, 4^2, 6, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^7, 3, 4^4, 6, 12^4\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^4, 4^4, 6, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3, 4^6, 6, 12^4\})$	1622016
12	$\mathcal{O}(1; \{3^4, 4^6, 6, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2, 3, 4^8, 6, 12^4\})$	6488064
12	$\mathcal{O}(1; \{2^{10}, 3^2, 6^2, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^5, 6^2, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^8, 6^2, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^7, 3^2, 4^2, 6^2, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^5, 4^2, 6^2, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^4, 3^2, 4^4, 6^2, 12^4\})$	1585152
12	$\mathcal{O}(1; \{3^5, 4^4, 6^2, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2, 3^2, 4^6, 6^2, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2^{11}, 6^3, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^3, 6^3, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^6, 6^3, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^8, 4^2, 6^3, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^3, 4^2, 6^3, 12^4\})$	1575936
12	$\mathcal{O}(1; \{3^6, 4^2, 6^3, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^5, 4^4, 6^3, 12^4\})$	774144
12	$\mathcal{O}(1; \{2, 3^3, 4^4, 6^3, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^2, 4^6, 6^3, 12^4\})$	3096576
12	$\mathcal{O}(1; \{2^8, 3, 6^4, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^4, 6^4, 12^4\})$	1573632
12	$\mathcal{O}(1; \{3^7, 6^4, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 6^4, 12^4\})$	783360
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 6^4, 12^4\})$	6294528

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 6^4, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^5, 3^2, 6^5, 12^4\})$	785664
12	$\mathcal{O}(1; \{2, 3^5, 6^5, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^5, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^6, 6^6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^3, 6^6, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^3, 4^2, 6^6, 12^4\})$	1575936
12	$\mathcal{O}(1; \{4^4, 6^6, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3, 6^7, 12^4\})$	1573632
12	$\mathcal{O}(1; \{3, 4^2, 6^7, 12^4\})$	6294528
12	$\mathcal{O}(1; \{3^2, 6^8, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2, 6^9, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^6, 3^5, 4, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^8, 4, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^7, 3^2, 4^3, 12^5\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^5, 4^3, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2^4, 3^2, 4^5, 12^5\})$	3096576
12	$\mathcal{O}(1; \{3^5, 4^5, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2, 3^2, 4^7, 12^5\})$	12386304
12	$\mathcal{O}(1; \{2^{11}, 4, 6, 12^5\})$	101376
12	$\mathcal{O}(1; \{2^7, 3^3, 4, 6, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^6, 4, 6, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^8, 4^3, 6, 12^5\})$	405504
12	$\mathcal{O}(1; \{2^4, 3^3, 4^3, 6, 12^5\})$	3133440
12	$\mathcal{O}(1; \{3^6, 4^3, 6, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2^5, 4^5, 6, 12^5\})$	1622016
12	$\mathcal{O}(1; \{2, 3^3, 4^5, 6, 12^5\})$	12533760
12	$\mathcal{O}(1; \{2^2, 4^7, 6, 12^5\})$	6488064
12	$\mathcal{O}(1; \{2^8, 3, 4, 6^2, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^4, 4, 6^2, 12^5\})$	3142656
12	$\mathcal{O}(1; \{3^7, 4, 6^2, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^5, 3, 4^3, 6^2, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2, 3^4, 4^3, 6^2, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3, 4^5, 6^2, 12^5\})$	6340608
12	$\mathcal{O}(1; \{2^5, 3^2, 4, 6^3, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2, 3^5, 4, 6^3, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 6^3, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2^6, 4, 6^4, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 6^4, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^3, 4^3, 6^4, 12^5\})$	3133440
12	$\mathcal{O}(1; \{4^5, 6^4, 12^5\})$	12533760
12	$\mathcal{O}(1; \{2^3, 3, 4, 6^5, 12^5\})$	3142656

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3, 4^3, 6^5, 12^5\})$	12570624
12	$\mathcal{O}(1; \{3^2, 4, 6^6, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2, 4, 6^7, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^{11}, 3, 12^6\})$	193536
12	$\mathcal{O}(1; \{2^7, 3^4, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^7, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^8, 3, 4^2, 12^6\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^4, 4^2, 12^6\})$	6303744
12	$\mathcal{O}(1; \{3^7, 4^2, 12^6\})$	50319360
12	$\mathcal{O}(1; \{2^5, 3, 4^4, 12^6\})$	3096576
12	$\mathcal{O}(1; \{2, 3^4, 4^4, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2^2, 3, 4^6, 12^6\})$	12386304
12	$\mathcal{O}(1; \{2^8, 3^2, 6, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^5, 6, 12^6\})$	6294528
12	$\mathcal{O}(1; \{3^8, 6, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 6, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2, 3^5, 4^2, 6, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 6, 12^6\})$	12533760
12	$\mathcal{O}(1; \{2^9, 6^2, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^5, 3^3, 6^2, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2, 3^6, 6^2, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^6, 4^2, 6^2, 12^6\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6^2, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2^3, 4^4, 6^2, 12^6\})$	6340608
12	$\mathcal{O}(1; \{4^6, 6^2, 12^6\})$	25362432
12	$\mathcal{O}(1; \{2^6, 3, 6^3, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^4, 6^3, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^3, 12^6\})$	6303744
12	$\mathcal{O}(1; \{3, 4^4, 6^3, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2^3, 3^2, 6^4, 12^6\})$	6294528
12	$\mathcal{O}(1; \{3^2, 4^2, 6^4, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2^4, 6^5, 12^6\})$	3142656
12	$\mathcal{O}(1; \{3^3, 6^5, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2, 4^2, 6^5, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2, 3, 6^6, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^9, 4, 12^7\})$	774144
12	$\mathcal{O}(1; \{2^5, 3^3, 4, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2, 3^6, 4, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^6, 4^3, 12^7\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3^3, 4^3, 12^7\})$	25214976
12	$\mathcal{O}(1; \{2^3, 4^5, 12^7\})$	12386304
12	$\mathcal{O}(1; \{4^7, 12^7\})$	49545216
12	$\mathcal{O}(1; \{2^6, 3, 4, 6, 12^7\})$	3133440

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3^4, 4, 6, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2^3, 3, 4^3, 6, 12^7\})$	12533760
12	$\mathcal{O}(1; \{3, 4^5, 6, 12^7\})$	50135040
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 6^2, 12^7\})$	12570624
12	$\mathcal{O}(1; \{3^2, 4^3, 6^2, 12^7\})$	50282496
12	$\mathcal{O}(1; \{2^4, 4, 6^3, 12^7\})$	6303744
12	$\mathcal{O}(1; \{3^3, 4, 6^3, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2, 4^3, 6^3, 12^7\})$	25214976
12	$\mathcal{O}(1; \{2, 3, 4, 6^4, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2^6, 3^2, 12^8\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^5, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 12^8\})$	25214976
12	$\mathcal{O}(1; \{3^2, 4^4, 12^8\})$	100859904
12	$\mathcal{O}(1; \{2^7, 6, 12^8\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3^3, 6, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2^4, 4^2, 6, 12^8\})$	12533760
12	$\mathcal{O}(1; \{3^3, 4^2, 6, 12^8\})$	100712448
12	$\mathcal{O}(1; \{2, 4^4, 6, 12^8\})$	50135040
12	$\mathcal{O}(1; \{2^4, 3, 6^2, 12^8\})$	12570624
12	$\mathcal{O}(1; \{3^4, 6^2, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^2, 12^8\})$	50282496
12	$\mathcal{O}(1; \{2, 3^2, 6^3, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2^2, 6^4, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2^4, 3, 4, 12^9\})$	25214976
12	$\mathcal{O}(1; \{3^4, 4, 12^9\})$	201277440
12	$\mathcal{O}(1; \{2, 3, 4^3, 12^9\})$	100859904
12	$\mathcal{O}(1; \{2, 3^2, 4, 6, 12^9\})$	100712448
12	$\mathcal{O}(1; \{2^2, 4, 6^2, 12^9\})$	50282496
12	$\mathcal{O}(1; \{2^5, 12^{10}\})$	25214976
12	$\mathcal{O}(1; \{2, 3^3, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{2^2, 4^2, 12^{10}\})$	100859904
12	$\mathcal{O}(1; \{2^2, 3, 6, 12^{10}\})$	100712448
12	$\mathcal{O}(1; \{6^3, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{4, 6, 12^{11}\})$	402849792
12	$\mathcal{O}(1; \{3, 12^{12}\})$	805109760
12	$\mathcal{O}(0; \{2^{19}, 3^4, 4^2\})$	12
12	$\mathcal{O}(0; \{2^{15}, 3^7, 4^2\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^{10}, 4^2\})$	684
12	$\mathcal{O}(0; \{2^7, 3^{13}, 4^2\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{16}, 4^2\})$	43692
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4^4\})$	48
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4^4\})$	336
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4^4\})$	2736

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4^4\})$	21840
12	$\mathcal{O}(0; \{3^{16}, 4^4\})$	174768
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^6\})$	192
12	$\mathcal{O}(0; \{2^9, 3^7, 4^6\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^6\})$	10944
12	$\mathcal{O}(0; \{2, 3^{13}, 4^6\})$	87360
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^8\})$	768
12	$\mathcal{O}(0; \{2^6, 3^7, 4^8\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^8\})$	43776
12	$\mathcal{O}(0; \{2^7, 3^4, 4^{10}\})$	3072
12	$\mathcal{O}(0; \{2^3, 3^7, 4^{10}\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^4, 4^{12}\})$	12288
12	$\mathcal{O}(0; \{3^7, 4^{12}\})$	86016
12	$\mathcal{O}(0; \{2, 3^4, 4^{14}\})$	49152
12	$\mathcal{O}(0; \{2^{20}, 3^2, 4^2, 6\})$	4
12	$\mathcal{O}(0; \{2^{16}, 3^5, 4^2, 6\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^8, 4^2, 6\})$	340
12	$\mathcal{O}(0; \{2^8, 3^{11}, 4^2, 6\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^{14}, 4^2, 6\})$	21844
12	$\mathcal{O}(0; \{3^{17}, 4^2, 6\})$	174764
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^4, 6\})$	16
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^4, 6\})$	176
12	$\mathcal{O}(0; \{2^9, 3^8, 4^4, 6\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^4, 6\})$	10928
12	$\mathcal{O}(0; \{2, 3^{14}, 4^4, 6\})$	87376
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^6, 6\})$	64
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^6, 6\})$	704
12	$\mathcal{O}(0; \{2^6, 3^8, 4^6, 6\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^6, 6\})$	43712
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^8, 6\})$	256
12	$\mathcal{O}(0; \{2^7, 3^5, 4^8, 6\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^8, 4^8, 6\})$	21760
12	$\mathcal{O}(0; \{2^8, 3^2, 4^{10}, 6\})$	1024
12	$\mathcal{O}(0; \{2^4, 3^5, 4^{10}, 6\})$	11264
12	$\mathcal{O}(0; \{3^8, 4^{10}, 6\})$	87040
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{12}, 6\})$	4096
12	$\mathcal{O}(0; \{2, 3^5, 4^{12}, 6\})$	45056
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{14}, 6\})$	16384
12	$\mathcal{O}(0; \{2^{21}, 4^2, 6^2\})$	4
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4^2, 6^2\})$	20
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4^2, 6^2\})$	172
12	$\mathcal{O}(0; \{2^9, 3^9, 4^2, 6^2\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4^2, 6^2\})$	10924

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^{15}, 4^2, 6^2\})$	87380
12	$\mathcal{O}(0; \{2^{18}, 4^4, 6^2\})$	16
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^4, 6^2\})$	80
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^4, 6^2\})$	688
12	$\mathcal{O}(0; \{2^6, 3^9, 4^4, 6^2\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^4, 6^2\})$	43696
12	$\mathcal{O}(0; \{2^{15}, 4^6, 6^2\})$	64
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^6, 6^2\})$	320
12	$\mathcal{O}(0; \{2^7, 3^6, 4^6, 6^2\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^9, 4^6, 6^2\})$	21824
12	$\mathcal{O}(0; \{2^{12}, 4^8, 6^2\})$	256
12	$\mathcal{O}(0; \{2^8, 3^3, 4^8, 6^2\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^6, 4^8, 6^2\})$	11008
12	$\mathcal{O}(0; \{3^9, 4^8, 6^2\})$	87296
12	$\mathcal{O}(0; \{2^9, 4^{10}, 6^2\})$	1024
12	$\mathcal{O}(0; \{2^5, 3^3, 4^{10}, 6^2\})$	5120
12	$\mathcal{O}(0; \{2, 3^6, 4^{10}, 6^2\})$	44032
12	$\mathcal{O}(0; \{2^6, 4^{12}, 6^2\})$	4096
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{12}, 6^2\})$	20480
12	$\mathcal{O}(0; \{2^3, 4^{14}, 6^2\})$	16384
12	$\mathcal{O}(0; \{4^{16}, 6^2\})$	65536
12	$\mathcal{O}(0; \{2^{18}, 3, 4^2, 6^3\})$	12
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^2, 6^3\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^2, 6^3\})$	684
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^2, 6^3\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^2, 6^3\})$	43692
12	$\mathcal{O}(0; \{2^{15}, 3, 4^4, 6^3\})$	48
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^4, 6^3\})$	336
12	$\mathcal{O}(0; \{2^7, 3^7, 4^4, 6^3\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^4, 6^3\})$	21840
12	$\mathcal{O}(0; \{2^{12}, 3, 4^6, 6^3\})$	192
12	$\mathcal{O}(0; \{2^8, 3^4, 4^6, 6^3\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^7, 4^6, 6^3\})$	10944
12	$\mathcal{O}(0; \{3^{10}, 4^6, 6^3\})$	87360
12	$\mathcal{O}(0; \{2^9, 3, 4^8, 6^3\})$	768
12	$\mathcal{O}(0; \{2^5, 3^4, 4^8, 6^3\})$	5376
12	$\mathcal{O}(0; \{2, 3^7, 4^8, 6^3\})$	43776
12	$\mathcal{O}(0; \{2^6, 3, 4^{10}, 6^3\})$	3072
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{10}, 6^3\})$	21504
12	$\mathcal{O}(0; \{2^3, 3, 4^{12}, 6^3\})$	12288
12	$\mathcal{O}(0; \{3, 4^{14}, 6^3\})$	49152
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^2, 6^4\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^2, 6^4\})$	340

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^7, 3^8, 4^2, 6^4\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^2, 6^4\})$	21844
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^4, 6^4\})$	176
12	$\mathcal{O}(0; \{2^8, 3^5, 4^4, 6^4\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^8, 4^4, 6^4\})$	10928
12	$\mathcal{O}(0; \{3^{11}, 4^4, 6^4\})$	87376
12	$\mathcal{O}(0; \{2^9, 3^2, 4^6, 6^4\})$	704
12	$\mathcal{O}(0; \{2^5, 3^5, 4^6, 6^4\})$	5440
12	$\mathcal{O}(0; \{2, 3^8, 4^6, 6^4\})$	43712
12	$\mathcal{O}(0; \{2^6, 3^2, 4^8, 6^4\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^5, 4^8, 6^4\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{10}, 6^4\})$	11264
12	$\mathcal{O}(0; \{3^2, 4^{12}, 6^4\})$	45056
12	$\mathcal{O}(0; \{2^{16}, 4^2, 6^5\})$	20
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^2, 6^5\})$	172
12	$\mathcal{O}(0; \{2^8, 3^6, 4^2, 6^5\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^9, 4^2, 6^5\})$	10924
12	$\mathcal{O}(0; \{3^{12}, 4^2, 6^5\})$	87380
12	$\mathcal{O}(0; \{2^{13}, 4^4, 6^5\})$	80
12	$\mathcal{O}(0; \{2^9, 3^3, 4^4, 6^5\})$	688
12	$\mathcal{O}(0; \{2^5, 3^6, 4^4, 6^5\})$	5456
12	$\mathcal{O}(0; \{2, 3^9, 4^4, 6^5\})$	43696
12	$\mathcal{O}(0; \{2^{10}, 4^6, 6^5\})$	320
12	$\mathcal{O}(0; \{2^6, 3^3, 4^6, 6^5\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^6, 4^6, 6^5\})$	21824
12	$\mathcal{O}(0; \{2^7, 4^8, 6^5\})$	1280
12	$\mathcal{O}(0; \{2^3, 3^3, 4^8, 6^5\})$	11008
12	$\mathcal{O}(0; \{2^4, 4^{10}, 6^5\})$	5120
12	$\mathcal{O}(0; \{3^3, 4^{10}, 6^5\})$	44032
12	$\mathcal{O}(0; \{2, 4^{12}, 6^5\})$	20480
12	$\mathcal{O}(0; \{2^{13}, 3, 4^2, 6^6\})$	84
12	$\mathcal{O}(0; \{2^9, 3^4, 4^2, 6^6\})$	684
12	$\mathcal{O}(0; \{2^5, 3^7, 4^2, 6^6\})$	5460
12	$\mathcal{O}(0; \{2, 3^{10}, 4^2, 6^6\})$	43692
12	$\mathcal{O}(0; \{2^{10}, 3, 4^4, 6^6\})$	336
12	$\mathcal{O}(0; \{2^6, 3^4, 4^4, 6^6\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^7, 4^4, 6^6\})$	21840
12	$\mathcal{O}(0; \{2^7, 3, 4^6, 6^6\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^4, 4^6, 6^6\})$	10944
12	$\mathcal{O}(0; \{2^4, 3, 4^8, 6^6\})$	5376
12	$\mathcal{O}(0; \{3^4, 4^8, 6^6\})$	43776
12	$\mathcal{O}(0; \{2, 3, 4^{10}, 6^6\})$	21504
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^2, 6^7\})$	340

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3^5, 4^2, 6^7\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^8, 4^2, 6^7\})$	21844
12	$\mathcal{O}(0; \{2^7, 3^2, 4^4, 6^7\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^5, 4^4, 6^7\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^2, 4^6, 6^7\})$	5440
12	$\mathcal{O}(0; \{3^5, 4^6, 6^7\})$	43712
12	$\mathcal{O}(0; \{2, 3^2, 4^8, 6^7\})$	21760
12	$\mathcal{O}(0; \{2^{11}, 4^2, 6^8\})$	172
12	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 6^8\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 6^8\})$	10924
12	$\mathcal{O}(0; \{2^8, 4^4, 6^8\})$	688
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 6^8\})$	5456
12	$\mathcal{O}(0; \{3^6, 4^4, 6^8\})$	43696
12	$\mathcal{O}(0; \{2^5, 4^6, 6^8\})$	2752
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 6^8\})$	21824
12	$\mathcal{O}(0; \{2^2, 4^8, 6^8\})$	11008
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6^9\})$	684
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6^9\})$	5460
12	$\mathcal{O}(0; \{3^7, 4^2, 6^9\})$	43692
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6^9\})$	2736
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6^9\})$	21840
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 6^9\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^{10}\})$	2732
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^{10}\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^{10}\})$	10928
12	$\mathcal{O}(0; \{2^6, 4^2, 6^{11}\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^{11}\})$	10924
12	$\mathcal{O}(0; \{2^3, 4^4, 6^{11}\})$	5456
12	$\mathcal{O}(0; \{4^6, 6^{11}\})$	21824
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^{12}\})$	5460
12	$\mathcal{O}(0; \{3, 4^4, 6^{12}\})$	21840
12	$\mathcal{O}(0; \{3^2, 4^2, 6^{13}\})$	21844
12	$\mathcal{O}(0; \{2, 4^2, 6^{14}\})$	10924
12	$\mathcal{O}(0; \{2^{20}, 3^3, 4, 12\})$	12
12	$\mathcal{O}(0; \{2^{16}, 3^6, 4, 12\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^9, 4, 12\})$	684
12	$\mathcal{O}(0; \{2^8, 3^{12}, 4, 12\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{15}, 4, 12\})$	43692
12	$\mathcal{O}(0; \{3^{18}, 4, 12\})$	349524
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4^3, 12\})$	48
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4^3, 12\})$	336
12	$\mathcal{O}(0; \{2^9, 3^9, 4^3, 12\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4^3, 12\})$	21840

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^{15}, 4^3, 12\})$	174768
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^5, 12\})$	192
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^5, 12\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^9, 4^5, 12\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^5, 12\})$	87360
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^7, 12\})$	768
12	$\mathcal{O}(0; \{2^7, 3^6, 4^7, 12\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^9, 4^7, 12\})$	43776
12	$\mathcal{O}(0; \{2^8, 3^3, 4^9, 12\})$	3072
12	$\mathcal{O}(0; \{2^4, 3^6, 4^9, 12\})$	21504
12	$\mathcal{O}(0; \{3^9, 4^9, 12\})$	175104
12	$\mathcal{O}(0; \{2^5, 3^3, 4^{11}, 12\})$	12288
12	$\mathcal{O}(0; \{2, 3^6, 4^{11}, 12\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{13}, 12\})$	49152
12	$\mathcal{O}(0; \{2^{21}, 3, 4, 6, 12\})$	4
12	$\mathcal{O}(0; \{2^{17}, 3^4, 4, 6, 12\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^7, 4, 6, 12\})$	340
12	$\mathcal{O}(0; \{2^9, 3^{10}, 4, 6, 12\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^{13}, 4, 6, 12\})$	21844
12	$\mathcal{O}(0; \{2, 3^{16}, 4, 6, 12\})$	174764
12	$\mathcal{O}(0; \{2^{18}, 3, 4^3, 6, 12\})$	16
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^3, 6, 12\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^3, 6, 12\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^3, 6, 12\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^3, 6, 12\})$	87376
12	$\mathcal{O}(0; \{2^{15}, 3, 4^5, 6, 12\})$	64
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^5, 6, 12\})$	704
12	$\mathcal{O}(0; \{2^7, 3^7, 4^5, 6, 12\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^5, 6, 12\})$	43712
12	$\mathcal{O}(0; \{2^{12}, 3, 4^7, 6, 12\})$	256
12	$\mathcal{O}(0; \{2^8, 3^4, 4^7, 6, 12\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^7, 4^7, 6, 12\})$	21760
12	$\mathcal{O}(0; \{3^{10}, 4^7, 6, 12\})$	174848
12	$\mathcal{O}(0; \{2^9, 3, 4^9, 6, 12\})$	1024
12	$\mathcal{O}(0; \{2^5, 3^4, 4^9, 6, 12\})$	11264
12	$\mathcal{O}(0; \{2, 3^7, 4^9, 6, 12\})$	87040
12	$\mathcal{O}(0; \{2^6, 3, 4^{11}, 6, 12\})$	4096
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{11}, 6, 12\})$	45056
12	$\mathcal{O}(0; \{2^3, 3, 4^{13}, 6, 12\})$	16384
12	$\mathcal{O}(0; \{3, 4^{15}, 6, 12\})$	65536
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4, 6^2, 12\})$	20
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4, 6^2, 12\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4, 6^2, 12\})$	1364

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4, 6^2, 12\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4, 6^2, 12\})$	87380
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^3, 6^2, 12\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^3, 6^2, 12\})$	688
12	$\mathcal{O}(0; \{2^7, 3^8, 4^3, 6^2, 12\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^3, 6^2, 12\})$	43696
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^5, 6^2, 12\})$	320
12	$\mathcal{O}(0; \{2^8, 3^5, 4^5, 6^2, 12\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^8, 4^5, 6^2, 12\})$	21824
12	$\mathcal{O}(0; \{3^{11}, 4^5, 6^2, 12\})$	174784
12	$\mathcal{O}(0; \{2^9, 3^2, 4^7, 6^2, 12\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^5, 4^7, 6^2, 12\})$	11008
12	$\mathcal{O}(0; \{2, 3^8, 4^7, 6^2, 12\})$	87296
12	$\mathcal{O}(0; \{2^6, 3^2, 4^9, 6^2, 12\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^5, 4^9, 6^2, 12\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{11}, 6^2, 12\})$	20480
12	$\mathcal{O}(0; \{3^2, 4^{13}, 6^2, 12\})$	81920
12	$\mathcal{O}(0; \{2^{19}, 4, 6^3, 12\})$	12
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4, 6^3, 12\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4, 6^3, 12\})$	684
12	$\mathcal{O}(0; \{2^7, 3^9, 4, 6^3, 12\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4, 6^3, 12\})$	43692
12	$\mathcal{O}(0; \{2^{16}, 4^3, 6^3, 12\})$	48
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^3, 6^3, 12\})$	336
12	$\mathcal{O}(0; \{2^8, 3^6, 4^3, 6^3, 12\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^9, 4^3, 6^3, 12\})$	21840
12	$\mathcal{O}(0; \{3^{12}, 4^3, 6^3, 12\})$	174768
12	$\mathcal{O}(0; \{2^{13}, 4^5, 6^3, 12\})$	192
12	$\mathcal{O}(0; \{2^9, 3^3, 4^5, 6^3, 12\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^6, 4^5, 6^3, 12\})$	10944
12	$\mathcal{O}(0; \{2, 3^9, 4^5, 6^3, 12\})$	87360
12	$\mathcal{O}(0; \{2^{10}, 4^7, 6^3, 12\})$	768
12	$\mathcal{O}(0; \{2^6, 3^3, 4^7, 6^3, 12\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^6, 4^7, 6^3, 12\})$	43776
12	$\mathcal{O}(0; \{2^7, 4^9, 6^3, 12\})$	3072
12	$\mathcal{O}(0; \{2^3, 3^3, 4^9, 6^3, 12\})$	21504
12	$\mathcal{O}(0; \{2^4, 4^{11}, 6^3, 12\})$	12288
12	$\mathcal{O}(0; \{3^3, 4^{11}, 6^3, 12\})$	86016
12	$\mathcal{O}(0; \{2, 4^{13}, 6^3, 12\})$	49152
12	$\mathcal{O}(0; \{2^{16}, 3, 4, 6^4, 12\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4, 6^4, 12\})$	340
12	$\mathcal{O}(0; \{2^8, 3^7, 4, 6^4, 12\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4, 6^4, 12\})$	21844

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^{13}, 4, 6^4, 12\})$	174764
12	$\mathcal{O}(0; \{2^{13}, 3, 4^3, 6^4, 12\})$	176
12	$\mathcal{O}(0; \{2^9, 3^4, 4^3, 6^4, 12\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^7, 4^3, 6^4, 12\})$	10928
12	$\mathcal{O}(0; \{2, 3^{10}, 4^3, 6^4, 12\})$	87376
12	$\mathcal{O}(0; \{2^{10}, 3, 4^5, 6^4, 12\})$	704
12	$\mathcal{O}(0; \{2^6, 3^4, 4^5, 6^4, 12\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^7, 4^5, 6^4, 12\})$	43712
12	$\mathcal{O}(0; \{2^7, 3, 4^7, 6^4, 12\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^4, 4^7, 6^4, 12\})$	21760
12	$\mathcal{O}(0; \{2^4, 3, 4^9, 6^4, 12\})$	11264
12	$\mathcal{O}(0; \{3^4, 4^9, 6^4, 12\})$	87040
12	$\mathcal{O}(0; \{2, 3, 4^{11}, 6^4, 12\})$	45056
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4, 6^5, 12\})$	172
12	$\mathcal{O}(0; \{2^9, 3^5, 4, 6^5, 12\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^8, 4, 6^5, 12\})$	10924
12	$\mathcal{O}(0; \{2, 3^{11}, 4, 6^5, 12\})$	87380
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^3, 6^5, 12\})$	688
12	$\mathcal{O}(0; \{2^6, 3^5, 4^3, 6^5, 12\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^8, 4^3, 6^5, 12\})$	43696
12	$\mathcal{O}(0; \{2^7, 3^2, 4^5, 6^5, 12\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^5, 4^5, 6^5, 12\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^2, 4^7, 6^5, 12\})$	11008
12	$\mathcal{O}(0; \{3^5, 4^7, 6^5, 12\})$	87296
12	$\mathcal{O}(0; \{2, 3^2, 4^9, 6^5, 12\})$	44032
12	$\mathcal{O}(0; \{2^{14}, 4, 6^6, 12\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4, 6^6, 12\})$	684
12	$\mathcal{O}(0; \{2^6, 3^6, 4, 6^6, 12\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^9, 4, 6^6, 12\})$	43692
12	$\mathcal{O}(0; \{2^{11}, 4^3, 6^6, 12\})$	336
12	$\mathcal{O}(0; \{2^7, 3^3, 4^3, 6^6, 12\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^6, 4^3, 6^6, 12\})$	21840
12	$\mathcal{O}(0; \{2^8, 4^5, 6^6, 12\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^3, 4^5, 6^6, 12\})$	10944
12	$\mathcal{O}(0; \{3^6, 4^5, 6^6, 12\})$	87360
12	$\mathcal{O}(0; \{2^5, 4^7, 6^6, 12\})$	5376
12	$\mathcal{O}(0; \{2, 3^3, 4^7, 6^6, 12\})$	43776
12	$\mathcal{O}(0; \{2^2, 4^9, 6^6, 12\})$	21504
12	$\mathcal{O}(0; \{2^{11}, 3, 4, 6^7, 12\})$	340
12	$\mathcal{O}(0; \{2^7, 3^4, 4, 6^7, 12\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^7, 4, 6^7, 12\})$	21844
12	$\mathcal{O}(0; \{2^8, 3, 4^3, 6^7, 12\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^4, 4^3, 6^7, 12\})$	10928

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^7, 4^3, 6^7, 12\})$	87376
12	$\mathcal{O}(0; \{2^5, 3, 4^5, 6^7, 12\})$	5440
12	$\mathcal{O}(0; \{2, 3^4, 4^5, 6^7, 12\})$	43712
12	$\mathcal{O}(0; \{2^2, 3, 4^7, 6^7, 12\})$	21760
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 6^8, 12\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 6^8, 12\})$	10924
12	$\mathcal{O}(0; \{3^8, 4, 6^8, 12\})$	87380
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 6^8, 12\})$	5456
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 6^8, 12\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 6^8, 12\})$	21824
12	$\mathcal{O}(0; \{2^9, 4, 6^9, 12\})$	684
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6^9, 12\})$	5460
12	$\mathcal{O}(0; \{2, 3^6, 4, 6^9, 12\})$	43692
12	$\mathcal{O}(0; \{2^6, 4^3, 6^9, 12\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6^9, 12\})$	21840
12	$\mathcal{O}(0; \{2^3, 4^5, 6^9, 12\})$	10944
12	$\mathcal{O}(0; \{4^7, 6^9, 12\})$	43776
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^{10}, 12\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^{10}, 12\})$	21844
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^{10}, 12\})$	10928
12	$\mathcal{O}(0; \{3, 4^5, 6^{10}, 12\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^{11}, 12\})$	10924
12	$\mathcal{O}(0; \{3^2, 4^3, 6^{11}, 12\})$	43696
12	$\mathcal{O}(0; \{2^4, 4, 6^{12}, 12\})$	5460
12	$\mathcal{O}(0; \{3^3, 4, 6^{12}, 12\})$	43692
12	$\mathcal{O}(0; \{2, 4^3, 6^{12}, 12\})$	21840
12	$\mathcal{O}(0; \{2, 3, 4, 6^{13}, 12\})$	21844
12	$\mathcal{O}(0; \{2^{21}, 3^2, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{17}, 3^5, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^8, 12^2\})$	684
12	$\mathcal{O}(0; \{2^9, 3^{11}, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^{14}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2, 3^{17}, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4^2, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4^2, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4^2, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4^2, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4^2, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^4, 12^2\})$	192
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^4, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^8, 4^4, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^4, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^6, 12^2\})$	768

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^8, 3^5, 4^6, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^8, 4^6, 12^2\})$	43776
12	$\mathcal{O}(0; \{3^{11}, 4^6, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^9, 3^2, 4^8, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^5, 3^5, 4^8, 12^2\})$	21504
12	$\mathcal{O}(0; \{2, 3^8, 4^8, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^6, 3^2, 4^{10}, 12^2\})$	12288
12	$\mathcal{O}(0; \{2^2, 3^5, 4^{10}, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{12}, 12^2\})$	49152
12	$\mathcal{O}(0; \{3^2, 4^{14}, 12^2\})$	196608
12	$\mathcal{O}(0; \{2^{22}, 6, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{18}, 3^3, 6, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{14}, 3^6, 6, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^9, 6, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^{12}, 6, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{15}, 6, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{19}, 4^2, 6, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^2, 6, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^2, 6, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^9, 4^2, 6, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^2, 6, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^{16}, 4^4, 6, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^4, 6, 12^2\})$	704
12	$\mathcal{O}(0; \{2^8, 3^6, 4^4, 6, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^9, 4^4, 6, 12^2\})$	43712
12	$\mathcal{O}(0; \{3^{12}, 4^4, 6, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^{13}, 4^6, 6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^9, 3^3, 4^6, 6, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^6, 4^6, 6, 12^2\})$	21760
12	$\mathcal{O}(0; \{2, 3^9, 4^6, 6, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^{10}, 4^8, 6, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^6, 3^3, 4^8, 6, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^6, 4^8, 6, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^7, 4^{10}, 6, 12^2\})$	4096
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{10}, 6, 12^2\})$	45056
12	$\mathcal{O}(0; \{2^4, 4^{12}, 6, 12^2\})$	16384
12	$\mathcal{O}(0; \{3^3, 4^{12}, 6, 12^2\})$	180224
12	$\mathcal{O}(0; \{2, 4^{14}, 6, 12^2\})$	65536
12	$\mathcal{O}(0; \{2^{19}, 3, 6^2, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{15}, 3^4, 6^2, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^7, 6^2, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^{10}, 6^2, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{13}, 6^2, 12^2\})$	87380

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{16}, 3, 4^2, 6^2, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^2, 6^2, 12^2\})$	688
12	$\mathcal{O}(0; \{2^8, 3^7, 4^2, 6^2, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^2, 6^2, 12^2\})$	43696
12	$\mathcal{O}(0; \{3^{13}, 4^2, 6^2, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{13}, 3, 4^4, 6^2, 12^2\})$	320
12	$\mathcal{O}(0; \{2^9, 3^4, 4^4, 6^2, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^7, 4^4, 6^2, 12^2\})$	21824
12	$\mathcal{O}(0; \{2, 3^{10}, 4^4, 6^2, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^{10}, 3, 4^6, 6^2, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^4, 4^6, 6^2, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^7, 4^6, 6^2, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^7, 3, 4^8, 6^2, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^4, 4^8, 6^2, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^4, 3, 4^{10}, 6^2, 12^2\})$	20480
12	$\mathcal{O}(0; \{3^4, 4^{10}, 6^2, 12^2\})$	176128
12	$\mathcal{O}(0; \{2, 3, 4^{12}, 6^2, 12^2\})$	81920
12	$\mathcal{O}(0; \{2^{16}, 3^2, 6^3, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^5, 6^3, 12^2\})$	684
12	$\mathcal{O}(0; \{2^8, 3^8, 6^3, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{11}, 6^3, 12^2\})$	43692
12	$\mathcal{O}(0; \{3^{14}, 6^3, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^2, 6^3, 12^2\})$	336
12	$\mathcal{O}(0; \{2^9, 3^5, 4^2, 6^3, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^8, 4^2, 6^3, 12^2\})$	21840
12	$\mathcal{O}(0; \{2, 3^{11}, 4^2, 6^3, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^4, 6^3, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^5, 4^4, 6^3, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^8, 4^4, 6^3, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^7, 3^2, 4^6, 6^3, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^5, 4^6, 6^3, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^2, 4^8, 6^3, 12^2\})$	21504
12	$\mathcal{O}(0; \{3^5, 4^8, 6^3, 12^2\})$	175104
12	$\mathcal{O}(0; \{2, 3^2, 4^{10}, 6^3, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^{17}, 6^4, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^3, 6^4, 12^2\})$	340
12	$\mathcal{O}(0; \{2^9, 3^6, 6^4, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^9, 6^4, 12^2\})$	21844
12	$\mathcal{O}(0; \{2, 3^{12}, 6^4, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{14}, 4^2, 6^4, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^2, 6^4, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^6, 4^2, 6^4, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^9, 4^2, 6^4, 12^2\})$	87376

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{11}, 4^4, 6^4, 12^2\})$	704
12	$\mathcal{O}(0; \{2^7, 3^3, 4^4, 6^4, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^6, 4^4, 6^4, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^8, 4^6, 6^4, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^3, 4^6, 6^4, 12^2\})$	21760
12	$\mathcal{O}(0; \{3^6, 4^6, 6^4, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^5, 4^8, 6^4, 12^2\})$	11264
12	$\mathcal{O}(0; \{2, 3^3, 4^8, 6^4, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^2, 4^{10}, 6^4, 12^2\})$	45056
12	$\mathcal{O}(0; \{2^{14}, 3, 6^5, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^4, 6^5, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^7, 6^5, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{10}, 6^5, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{11}, 3, 4^2, 6^5, 12^2\})$	688
12	$\mathcal{O}(0; \{2^7, 3^4, 4^2, 6^5, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^7, 4^2, 6^5, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^8, 3, 4^4, 6^5, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^4, 4^4, 6^5, 12^2\})$	21824
12	$\mathcal{O}(0; \{3^7, 4^4, 6^5, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^5, 3, 4^6, 6^5, 12^2\})$	11008
12	$\mathcal{O}(0; \{2, 3^4, 4^6, 6^5, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^2, 3, 4^8, 6^5, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^{11}, 3^2, 6^6, 12^2\})$	684
12	$\mathcal{O}(0; \{2^7, 3^5, 6^6, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^8, 6^6, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 6^6, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 6^6, 12^2\})$	21840
12	$\mathcal{O}(0; \{3^8, 4^2, 6^6, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 6^6, 12^2\})$	10944
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 6^6, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 6^6, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^{12}, 6^7, 12^2\})$	340
12	$\mathcal{O}(0; \{2^8, 3^3, 6^7, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^6, 6^7, 12^2\})$	21844
12	$\mathcal{O}(0; \{3^9, 6^7, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^9, 4^2, 6^7, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6^7, 12^2\})$	10928
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6^7, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^6, 4^4, 6^7, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6^7, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^3, 4^6, 6^7, 12^2\})$	21760
12	$\mathcal{O}(0; \{4^8, 6^7, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^9, 3, 6^8, 12^2\})$	1364

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^4, 6^8, 12^2\})$	10924
12	$\mathcal{O}(0; \{2, 3^7, 6^8, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^8, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^8, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^8, 12^2\})$	21824
12	$\mathcal{O}(0; \{3, 4^6, 6^8, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^6, 3^2, 6^9, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^5, 6^9, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^9, 12^2\})$	21840
12	$\mathcal{O}(0; \{3^2, 4^4, 6^9, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^7, 6^{10}, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^3, 6^{10}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^4, 4^2, 6^{10}, 12^2\})$	10928
12	$\mathcal{O}(0; \{3^3, 4^2, 6^{10}, 12^2\})$	87376
12	$\mathcal{O}(0; \{2, 4^4, 6^{10}, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^4, 3, 6^{11}, 12^2\})$	10924
12	$\mathcal{O}(0; \{3^4, 6^{11}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^{11}, 12^2\})$	43696
12	$\mathcal{O}(0; \{2, 3^2, 6^{12}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^2, 6^{13}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^{19}, 3, 4, 12^3\})$	48
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{16}, 3, 4^3, 12^3\})$	192
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^3, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^7, 4^3, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^3, 12^3\})$	87360
12	$\mathcal{O}(0; \{3^{13}, 4^3, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^{13}, 3, 4^5, 12^3\})$	768
12	$\mathcal{O}(0; \{2^9, 3^4, 4^5, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^7, 4^5, 12^3\})$	43776
12	$\mathcal{O}(0; \{2, 3^{10}, 4^5, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^{10}, 3, 4^7, 12^3\})$	3072
12	$\mathcal{O}(0; \{2^6, 3^4, 4^7, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^7, 4^7, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^7, 3, 4^9, 12^3\})$	12288
12	$\mathcal{O}(0; \{2^3, 3^4, 4^9, 12^3\})$	86016
12	$\mathcal{O}(0; \{2^4, 3, 4^{11}, 12^3\})$	49152
12	$\mathcal{O}(0; \{3^4, 4^{11}, 12^3\})$	344064
12	$\mathcal{O}(0; \{2, 3, 4^{13}, 12^3\})$	196608
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4, 6, 12^3\})$	176

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4, 6, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^8, 4, 6, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4, 6, 12^3\})$	87376
12	$\mathcal{O}(0; \{3^{14}, 4, 6, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^3, 6, 12^3\})$	704
12	$\mathcal{O}(0; \{2^9, 3^5, 4^3, 6, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^8, 4^3, 6, 12^3\})$	43712
12	$\mathcal{O}(0; \{2, 3^{11}, 4^3, 6, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^5, 6, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^5, 4^5, 6, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^8, 4^5, 6, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^7, 3^2, 4^7, 6, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^5, 4^7, 6, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^2, 4^9, 6, 12^3\})$	45056
12	$\mathcal{O}(0; \{3^5, 4^9, 6, 12^3\})$	348160
12	$\mathcal{O}(0; \{2, 3^2, 4^{11}, 6, 12^3\})$	180224
12	$\mathcal{O}(0; \{2^{17}, 4, 6^2, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4, 6^2, 12^3\})$	688
12	$\mathcal{O}(0; \{2^9, 3^6, 4, 6^2, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^9, 4, 6^2, 12^3\})$	43696
12	$\mathcal{O}(0; \{2, 3^{12}, 4, 6^2, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{14}, 4^3, 6^2, 12^3\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^3, 6^2, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^6, 4^3, 6^2, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^9, 4^3, 6^2, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^{11}, 4^5, 6^2, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^3, 4^5, 6^2, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^6, 4^5, 6^2, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^8, 4^7, 6^2, 12^3\})$	5120
12	$\mathcal{O}(0; \{2^4, 3^3, 4^7, 6^2, 12^3\})$	44032
12	$\mathcal{O}(0; \{3^6, 4^7, 6^2, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^5, 4^9, 6^2, 12^3\})$	20480
12	$\mathcal{O}(0; \{2, 3^3, 4^9, 6^2, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^2, 4^{11}, 6^2, 12^3\})$	81920
12	$\mathcal{O}(0; \{2^{14}, 3, 4, 6^3, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4, 6^3, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^7, 4, 6^3, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4, 6^3, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{11}, 3, 4^3, 6^3, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^4, 4^3, 6^3, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^7, 4^3, 6^3, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^8, 3, 4^5, 6^3, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^4, 4^5, 6^3, 12^3\})$	43776

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^7, 4^5, 6^3, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^5, 3, 4^7, 6^3, 12^3\})$	21504
12	$\mathcal{O}(0; \{2, 3^4, 4^7, 6^3, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^2, 3, 4^9, 6^3, 12^3\})$	86016
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4, 6^4, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^5, 4, 6^4, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^8, 4, 6^4, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^8, 3^2, 4^3, 6^4, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^5, 4^3, 6^4, 12^3\})$	43712
12	$\mathcal{O}(0; \{3^8, 4^3, 6^4, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^5, 3^2, 4^5, 6^4, 12^3\})$	21760
12	$\mathcal{O}(0; \{2, 3^5, 4^5, 6^4, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^2, 4^7, 6^4, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^{12}, 4, 6^5, 12^3\})$	688
12	$\mathcal{O}(0; \{2^8, 3^3, 4, 6^5, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^6, 4, 6^5, 12^3\})$	43696
12	$\mathcal{O}(0; \{3^9, 4, 6^5, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^9, 4^3, 6^5, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 6^5, 12^3\})$	21824
12	$\mathcal{O}(0; \{2, 3^6, 4^3, 6^5, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^6, 4^5, 6^5, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 6^5, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^3, 4^7, 6^5, 12^3\})$	44032
12	$\mathcal{O}(0; \{4^9, 6^5, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^9, 3, 4, 6^6, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 6^6, 12^3\})$	21840
12	$\mathcal{O}(0; \{2, 3^7, 4, 6^6, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 6^6, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6^6, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 6^6, 12^3\})$	43776
12	$\mathcal{O}(0; \{3, 4^7, 6^6, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^7, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^7, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^7, 12^3\})$	43712
12	$\mathcal{O}(0; \{3^2, 4^5, 6^7, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^7, 4, 6^8, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^8, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^4, 4^3, 6^8, 12^3\})$	21824
12	$\mathcal{O}(0; \{3^3, 4^3, 6^8, 12^3\})$	174784
12	$\mathcal{O}(0; \{2, 4^5, 6^8, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^9, 12^3\})$	21840
12	$\mathcal{O}(0; \{3^4, 4, 6^9, 12^3\})$	174768
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^9, 12^3\})$	87360

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^{10}, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^2, 4, 6^{11}, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^{20}, 12^4\})$	48
12	$\mathcal{O}(0; \{2^{16}, 3^3, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{12}, 3^6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^9, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^{12}, 12^4\})$	174768
12	$\mathcal{O}(0; \{3^{15}, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^{17}, 4^2, 12^4\})$	192
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^2, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^6, 4^2, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^9, 4^2, 12^4\})$	87360
12	$\mathcal{O}(0; \{2, 3^{12}, 4^2, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^{14}, 4^4, 12^4\})$	768
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^4, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^6, 4^4, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^9, 4^4, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^{11}, 4^6, 12^4\})$	3072
12	$\mathcal{O}(0; \{2^7, 3^3, 4^6, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^6, 4^6, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^8, 4^8, 12^4\})$	12288
12	$\mathcal{O}(0; \{2^4, 3^3, 4^8, 12^4\})$	86016
12	$\mathcal{O}(0; \{3^6, 4^8, 12^4\})$	700416
12	$\mathcal{O}(0; \{2^5, 4^{10}, 12^4\})$	49152
12	$\mathcal{O}(0; \{2, 3^3, 4^{10}, 12^4\})$	344064
12	$\mathcal{O}(0; \{2^2, 4^{12}, 12^4\})$	196608
12	$\mathcal{O}(0; \{2^{17}, 3, 6, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{13}, 3^4, 6, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^7, 6, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^{10}, 6, 12^4\})$	87376
12	$\mathcal{O}(0; \{2, 3^{13}, 6, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{14}, 3, 4^2, 6, 12^4\})$	704
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^2, 6, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^7, 4^2, 6, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^2, 6, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^{11}, 3, 4^4, 6, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^4, 4^4, 6, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^7, 4^4, 6, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^8, 3, 4^6, 6, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^4, 4^6, 6, 12^4\})$	87040
12	$\mathcal{O}(0; \{3^7, 4^6, 6, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^5, 3, 4^8, 6, 12^4\})$	45056
12	$\mathcal{O}(0; \{2, 3^4, 4^8, 6, 12^4\})$	348160

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3, 4^{10}, 6, 12^4\})$	180224
12	$\mathcal{O}(0; \{2^{14}, 3^2, 6^2, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^5, 6^2, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^8, 6^2, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{11}, 6^2, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^2, 6^2, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^5, 4^2, 6^2, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^8, 4^2, 6^2, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^8, 3^2, 4^4, 6^2, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^5, 4^4, 6^2, 12^4\})$	87296
12	$\mathcal{O}(0; \{3^8, 4^4, 6^2, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^5, 3^2, 4^6, 6^2, 12^4\})$	44032
12	$\mathcal{O}(0; \{2, 3^5, 4^6, 6^2, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^2, 4^8, 6^2, 12^4\})$	176128
12	$\mathcal{O}(0; \{2^{15}, 6^3, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^3, 6^3, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^6, 6^3, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^9, 6^3, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^{12}, 4^2, 6^3, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^3, 4^2, 6^3, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^6, 4^2, 6^3, 12^4\})$	87360
12	$\mathcal{O}(0; \{3^9, 4^2, 6^3, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^9, 4^4, 6^3, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^3, 4^4, 6^3, 12^4\})$	43776
12	$\mathcal{O}(0; \{2, 3^6, 4^4, 6^3, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^6, 4^6, 6^3, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^3, 4^6, 6^3, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^3, 4^8, 6^3, 12^4\})$	86016
12	$\mathcal{O}(0; \{4^{10}, 6^3, 12^4\})$	344064
12	$\mathcal{O}(0; \{2^{12}, 3, 6^4, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^4, 6^4, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^7, 6^4, 12^4\})$	87376
12	$\mathcal{O}(0; \{3^{10}, 6^4, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 6^4, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 6^4, 12^4\})$	43712
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 6^4, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 6^4, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 6^4, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 6^4, 12^4\})$	87040
12	$\mathcal{O}(0; \{3, 4^8, 6^4, 12^4\})$	348160
12	$\mathcal{O}(0; \{2^9, 3^2, 6^5, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^5, 6^5, 12^4\})$	43696
12	$\mathcal{O}(0; \{2, 3^8, 6^5, 12^4\})$	349520

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6^5, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6^5, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6^5, 12^4\})$	87296
12	$\mathcal{O}(0; \{3^2, 4^6, 6^5, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^{10}, 6^6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^3, 6^6, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^6, 6^6, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^7, 4^2, 6^6, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^6, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^4, 4^4, 6^6, 12^4\})$	43776
12	$\mathcal{O}(0; \{3^3, 4^4, 6^6, 12^4\})$	349440
12	$\mathcal{O}(0; \{2, 4^6, 6^6, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^7, 3, 6^7, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^4, 6^7, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^7, 12^4\})$	43712
12	$\mathcal{O}(0; \{3^4, 4^2, 6^7, 12^4\})$	349504
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^7, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^2, 6^8, 12^4\})$	43696
12	$\mathcal{O}(0; \{3^5, 6^8, 12^4\})$	349520
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^8, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^5, 6^9, 12^4\})$	21840
12	$\mathcal{O}(0; \{2, 3^3, 6^9, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^2, 4^2, 6^9, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^2, 3, 6^{10}, 12^4\})$	87376
12	$\mathcal{O}(0; \{6^{12}, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^8, 4, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^3, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^7, 3^5, 4^3, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^8, 4^3, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^8, 3^2, 4^5, 12^5\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^5, 4^5, 12^5\})$	175104
12	$\mathcal{O}(0; \{3^8, 4^5, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^5, 3^2, 4^7, 12^5\})$	86016
12	$\mathcal{O}(0; \{2, 3^5, 4^7, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^2, 3^2, 4^9, 12^5\})$	344064
12	$\mathcal{O}(0; \{2^{15}, 4, 6, 12^5\})$	704
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4, 6, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^6, 4, 6, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^9, 4, 6, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^{12}, 4^3, 6, 12^5\})$	2816

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^8, 3^3, 4^3, 6, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^6, 4^3, 6, 12^5\})$	174848
12	$\mathcal{O}(0; \{3^9, 4^3, 6, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^9, 4^5, 6, 12^5\})$	11264
12	$\mathcal{O}(0; \{2^5, 3^3, 4^5, 6, 12^5\})$	87040
12	$\mathcal{O}(0; \{2, 3^6, 4^5, 6, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^6, 4^7, 6, 12^5\})$	45056
12	$\mathcal{O}(0; \{2^2, 3^3, 4^7, 6, 12^5\})$	348160
12	$\mathcal{O}(0; \{2^3, 4^9, 6, 12^5\})$	180224
12	$\mathcal{O}(0; \{4^{11}, 6, 12^5\})$	720896
12	$\mathcal{O}(0; \{2^{12}, 3, 4, 6^2, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^4, 4, 6^2, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^7, 4, 6^2, 12^5\})$	174784
12	$\mathcal{O}(0; \{3^{10}, 4, 6^2, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^9, 3, 4^3, 6^2, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^4, 4^3, 6^2, 12^5\})$	87296
12	$\mathcal{O}(0; \{2, 3^7, 4^3, 6^2, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^6, 3, 4^5, 6^2, 12^5\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^4, 4^5, 6^2, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^3, 3, 4^7, 6^2, 12^5\})$	176128
12	$\mathcal{O}(0; \{3, 4^9, 6^2, 12^5\})$	704512
12	$\mathcal{O}(0; \{2^9, 3^2, 4, 6^3, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^5, 4, 6^3, 12^5\})$	87360
12	$\mathcal{O}(0; \{2, 3^8, 4, 6^3, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 6^3, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 6^3, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 6^3, 12^5\})$	175104
12	$\mathcal{O}(0; \{3^2, 4^7, 6^3, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^{10}, 4, 6^4, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 6^4, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 6^4, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^7, 4^3, 6^4, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6^4, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^4, 4^5, 6^4, 12^5\})$	87040
12	$\mathcal{O}(0; \{3^3, 4^5, 6^4, 12^5\})$	699392
12	$\mathcal{O}(0; \{2, 4^7, 6^4, 12^5\})$	348160
12	$\mathcal{O}(0; \{2^7, 3, 4, 6^5, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^5, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^5, 12^5\})$	87296
12	$\mathcal{O}(0; \{3^4, 4^3, 6^5, 12^5\})$	699136
12	$\mathcal{O}(0; \{2, 3, 4^5, 6^5, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^6, 12^5\})$	87360
12	$\mathcal{O}(0; \{3^5, 4, 6^6, 12^5\})$	699072

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^6, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^5, 4, 6^7, 12^5\})$	43712
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^7, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^2, 4^3, 6^7, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^8, 12^5\})$	174784
12	$\mathcal{O}(0; \{4, 6^{10}, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^{15}, 3, 12^6\})$	1344
12	$\mathcal{O}(0; \{2^{11}, 3^4, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^7, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^{10}, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^{12}, 3, 4^2, 12^6\})$	5376
12	$\mathcal{O}(0; \{2^8, 3^4, 4^2, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^7, 4^2, 12^6\})$	349440
12	$\mathcal{O}(0; \{3^{10}, 4^2, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^9, 3, 4^4, 12^6\})$	21504
12	$\mathcal{O}(0; \{2^5, 3^4, 4^4, 12^6\})$	175104
12	$\mathcal{O}(0; \{2, 3^7, 4^4, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^6, 3, 4^6, 12^6\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^4, 4^6, 12^6\})$	700416
12	$\mathcal{O}(0; \{2^3, 3, 4^8, 12^6\})$	344064
12	$\mathcal{O}(0; \{3, 4^{10}, 12^6\})$	1376256
12	$\mathcal{O}(0; \{2^{12}, 3^2, 6, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^5, 6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^8, 6, 12^6\})$	349504
12	$\mathcal{O}(0; \{3^{11}, 6, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^9, 3^2, 4^2, 6, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^5, 4^2, 6, 12^6\})$	174848
12	$\mathcal{O}(0; \{2, 3^8, 4^2, 6, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^6, 3^2, 4^4, 6, 12^6\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^5, 4^4, 6, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^3, 3^2, 4^6, 6, 12^6\})$	348160
12	$\mathcal{O}(0; \{3^2, 4^8, 6, 12^6\})$	1392640
12	$\mathcal{O}(0; \{2^{13}, 6^2, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^9, 3^3, 6^2, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^6, 6^2, 12^6\})$	174784
12	$\mathcal{O}(0; \{2, 3^9, 6^2, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^{10}, 4^2, 6^2, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 6^2, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 6^2, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^7, 4^4, 6^2, 12^6\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 6^2, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^4, 4^6, 6^2, 12^6\})$	176128
12	$\mathcal{O}(0; \{3^3, 4^6, 6^2, 12^6\})$	1396736

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 4^8, 6^2, 12^6\})$	704512
12	$\mathcal{O}(0; \{2^{10}, 3, 6^3, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^4, 6^3, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^7, 6^3, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 6^3, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6^3, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 6^3, 12^6\})$	175104
12	$\mathcal{O}(0; \{3^4, 4^4, 6^3, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2, 3, 4^6, 6^3, 12^6\})$	700416
12	$\mathcal{O}(0; \{2^7, 3^2, 6^4, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^5, 6^4, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^4, 12^6\})$	174848
12	$\mathcal{O}(0; \{3^5, 4^2, 6^4, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^4, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^8, 6^5, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^3, 6^5, 12^6\})$	174784
12	$\mathcal{O}(0; \{3^6, 6^5, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^5, 4^2, 6^5, 12^6\})$	87296
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^5, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^2, 4^4, 6^5, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^5, 3, 6^6, 12^6\})$	87360
12	$\mathcal{O}(0; \{2, 3^4, 6^6, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^6, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^2, 6^7, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^3, 6^8, 12^6\})$	174784
12	$\mathcal{O}(0; \{4^2, 6^8, 12^6\})$	699136
12	$\mathcal{O}(0; \{3, 6^9, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^{13}, 4, 12^7\})$	5376
12	$\mathcal{O}(0; \{2^9, 3^3, 4, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^6, 4, 12^7\})$	349440
12	$\mathcal{O}(0; \{2, 3^9, 4, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^{10}, 4^3, 12^7\})$	21504
12	$\mathcal{O}(0; \{2^6, 3^3, 4^3, 12^7\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^6, 4^3, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^7, 4^5, 12^7\})$	86016
12	$\mathcal{O}(0; \{2^3, 3^3, 4^5, 12^7\})$	700416
12	$\mathcal{O}(0; \{2^4, 4^7, 12^7\})$	344064
12	$\mathcal{O}(0; \{3^3, 4^7, 12^7\})$	2801664
12	$\mathcal{O}(0; \{2, 4^9, 12^7\})$	1376256
12	$\mathcal{O}(0; \{2^{10}, 3, 4, 6, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^4, 4, 6, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^7, 4, 6, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^7, 3, 4^3, 6, 12^7\})$	87040

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 6, 12^7\})$	699392
12	$\mathcal{O}(0; \{2^4, 3, 4^5, 6, 12^7\})$	348160
12	$\mathcal{O}(0; \{3^4, 4^5, 6, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2, 3, 4^7, 6, 12^7\})$	1392640
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 6^2, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 6^2, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6^2, 12^7\})$	349184
12	$\mathcal{O}(0; \{3^5, 4^3, 6^2, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 6^2, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2^8, 4, 6^3, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^3, 12^7\})$	349440
12	$\mathcal{O}(0; \{3^6, 4, 6^3, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^5, 4^3, 6^3, 12^7\})$	175104
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^3, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^2, 4^5, 6^3, 12^7\})$	700416
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^4, 12^7\})$	174848
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^4, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^4, 12^7\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^5, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^3, 4, 6^6, 12^7\})$	349440
12	$\mathcal{O}(0; \{4^3, 6^6, 12^7\})$	1397760
12	$\mathcal{O}(0; \{3, 4, 6^7, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^{10}, 3^2, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^5, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^8, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 12^8\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 12^8\})$	700416
12	$\mathcal{O}(0; \{3^5, 4^4, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2, 3^2, 4^6, 12^8\})$	2801664
12	$\mathcal{O}(0; \{2^{11}, 6, 12^8\})$	21760
12	$\mathcal{O}(0; \{2^7, 3^3, 6, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^6, 6, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^8, 4^2, 6, 12^8\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6, 12^8\})$	699392
12	$\mathcal{O}(0; \{3^6, 4^2, 6, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2^5, 4^4, 6, 12^8\})$	348160
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 6, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2^2, 4^6, 6, 12^8\})$	1392640
12	$\mathcal{O}(0; \{2^8, 3, 6^2, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^4, 6^2, 12^8\})$	699136
12	$\mathcal{O}(0; \{3^7, 6^2, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^2, 12^8\})$	349184

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^2, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^2, 12^8\})$	1396736
12	$\mathcal{O}(0; \{2^5, 3^2, 6^3, 12^8\})$	349440
12	$\mathcal{O}(0; \{2, 3^5, 6^3, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^3, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2^6, 6^4, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^3, 6^4, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^3, 4^2, 6^4, 12^8\})$	699392
12	$\mathcal{O}(0; \{4^4, 6^4, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2^3, 3, 6^5, 12^8\})$	699136
12	$\mathcal{O}(0; \{3, 4^2, 6^5, 12^8\})$	2796544
12	$\mathcal{O}(0; \{3^2, 6^6, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2, 6^7, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^8, 3, 4, 12^9\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 12^9\})$	1397760
12	$\mathcal{O}(0; \{3^7, 4, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 12^9\})$	700416
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 12^9\})$	5591040
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 12^9\})$	2801664
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6, 12^9\})$	699392
12	$\mathcal{O}(0; \{2, 3^5, 4, 6, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6, 12^9\})$	2797568
12	$\mathcal{O}(0; \{2^6, 4, 6^2, 12^9\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^2, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2^3, 4^3, 6^2, 12^9\})$	1396736
12	$\mathcal{O}(0; \{4^5, 6^2, 12^9\})$	5586944
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^3, 12^9\})$	1397760
12	$\mathcal{O}(0; \{3, 4^3, 6^3, 12^9\})$	5591040
12	$\mathcal{O}(0; \{3^2, 4, 6^4, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2, 4, 6^5, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2^9, 12^{10}\})$	175104
12	$\mathcal{O}(0; \{2^5, 3^3, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2, 3^6, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^6, 4^2, 12^{10}\})$	700416
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{2^3, 4^4, 12^{10}\})$	2801664
12	$\mathcal{O}(0; \{4^6, 12^{10}\})$	11206656
12	$\mathcal{O}(0; \{2^6, 3, 6, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^4, 6, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{3, 4^4, 6, 12^{10}\})$	11190272
12	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{3^2, 4^2, 6^2, 12^{10}\})$	11186176

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 6^3, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{3^3, 6^3, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2, 4^2, 6^3, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{2, 3, 6^4, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{3^2, 4^3, 12^{11}\})$	22364160
12	$\mathcal{O}(0; \{2^4, 4, 6, 12^{11}\})$	2797568
12	$\mathcal{O}(0; \{3^3, 4, 6, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{2, 4^3, 6, 12^{11}\})$	11190272
12	$\mathcal{O}(0; \{2, 3, 4, 6^2, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{2^4, 3, 12^{12}\})$	5591040
12	$\mathcal{O}(0; \{3^4, 12^{12}\})$	44740608
12	$\mathcal{O}(0; \{2, 3, 4^2, 12^{12}\})$	22364160
12	$\mathcal{O}(0; \{2, 3^2, 6, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{2^2, 6^2, 12^{12}\})$	11186176
12	$\mathcal{O}(0; \{2^2, 4, 12^{13}\})$	22364160
12	$\mathcal{O}(0; \{6, 12^{14}\})$	89473024
13	$\mathcal{O}(5; \{13^3\})$	18197320924068
14	$\mathcal{O}(6; \emptyset)$	56680071084000
14	$\mathcal{O}(5; \{2^4\})$	289254653952
14	$\mathcal{O}(4; \{2^8\})$	1475788800
14	$\mathcal{O}(4; \{2, 7^3, 14\})$	274496764416
14	$\mathcal{O}(3; \{2^{12}\})$	7529472
14	$\mathcal{O}(3; \{7^7\})$	296401361130
14	$\mathcal{O}(3; \{2^5, 7^3, 14\})$	1400493696
14	$\mathcal{O}(3; \{2^3, 7^2, 14^3\})$	8357784960
14	$\mathcal{O}(3; \{2, 7, 14^5\})$	50191886976
14	$\mathcal{O}(2; \{2^{16}\})$	38400
14	$\mathcal{O}(2; \{2^4, 7^7\})$	1536255840
14	$\mathcal{O}(2; \{2^9, 7^3, 14\})$	7145376
14	$\mathcal{O}(2; \{2^2, 7^6, 14^2\})$	9217765536
14	$\mathcal{O}(2; \{2^7, 7^2, 14^3\})$	42641760
14	$\mathcal{O}(2; \{7^5, 14^4\})$	55306362720
14	$\mathcal{O}(2; \{2^5, 7, 14^5\})$	256081056
14	$\mathcal{O}(2; \{2^3, 14^7\})$	1536255840
14	$\mathcal{O}(1; \{2^{20}\})$	192
14	$\mathcal{O}(1; \{2^8, 7^7\})$	7838040
14	$\mathcal{O}(1; \{2^{13}, 7^3, 14\})$	36456
14	$\mathcal{O}(1; \{2, 7^{10}, 14\})$	10158317400
14	$\mathcal{O}(1; \{2^6, 7^6, 14^2\})$	47029416
14	$\mathcal{O}(1; \{2^{11}, 7^2, 14^3\})$	217560
14	$\mathcal{O}(1; \{2^4, 7^5, 14^4\})$	282175320
14	$\mathcal{O}(1; \{2^9, 7, 14^5\})$	1306536

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(1; \{2^2, 7^4, 14^6\})$	1693053096
14	$\mathcal{O}(1; \{2^7, 14^7\})$	7838040
14	$\mathcal{O}(1; \{7^3, 14^8\})$	10158317400
14	$\mathcal{O}(0; \{2^{12}, 7^7\})$	39990
14	$\mathcal{O}(0; \{2^{17}, 7^3, 14\})$	186
14	$\mathcal{O}(0; \{2^5, 7^{10}, 14\})$	51828150
14	$\mathcal{O}(0; \{2^{10}, 7^6, 14^2\})$	239946
14	$\mathcal{O}(0; \{2^{15}, 7^2, 14^3\})$	1110
14	$\mathcal{O}(0; \{2^3, 7^9, 14^3\})$	310968906
14	$\mathcal{O}(0; \{2^8, 7^5, 14^4\})$	1439670
14	$\mathcal{O}(0; \{2^{13}, 7, 14^5\})$	6666
14	$\mathcal{O}(0; \{2, 7^8, 14^5\})$	1865813430
14	$\mathcal{O}(0; \{2^6, 7^4, 14^6\})$	8638026
14	$\mathcal{O}(0; \{2^{11}, 14^7\})$	39990
14	$\mathcal{O}(0; \{2^4, 7^3, 14^8\})$	51828150
14	$\mathcal{O}(0; \{2^2, 7^2, 14^{10}\})$	310968906
14	$\mathcal{O}(0; \{7, 14^{12}\})$	1865813430
15	$\mathcal{O}(5; \{3^2\})$	1153300663152
15	$\mathcal{O}(4; \{3^5\})$	25628840640
15	$\mathcal{O}(4; \{3, 5, 15^2\})$	61509375000
15	$\mathcal{O}(3; \{3^8\})$	979531056
15	$\mathcal{O}(3; \{3^2, 5^5\})$	4647375000
15	$\mathcal{O}(3; \{3^3, 5^3, 15\})$	3553875000
15	$\mathcal{O}(3; \{3^4, 5, 15^2\})$	3007125000
15	$\mathcal{O}(3; \{5^2, 15^4\})$	56041875000
15	$\mathcal{O}(3; \{3, 15^5\})$	51121125000
15	$\mathcal{O}(2; \{3^{11}\})$	34471008
15	$\mathcal{O}(2; \{3^5, 5^5\})$	103275000
15	$\mathcal{O}(2; \{3^6, 5^3, 15\})$	110565000
15	$\mathcal{O}(2; \{3^7, 5, 15^2\})$	103275000
15	$\mathcal{O}(2; \{3, 5^6, 15^2\})$	1327185000
15	$\mathcal{O}(2; \{3^2, 5^4, 15^3\})$	1658475000
15	$\mathcal{O}(2; \{3^3, 5^2, 15^4\})$	1743525000
15	$\mathcal{O}(2; \{3^4, 15^5\})$	1755675000
15	$\mathcal{O}(2; \{5, 15^7\})$	27870885000
15	$\mathcal{O}(1; \{3^{14}\})$	1179792
15	$\mathcal{O}(1; \{3^8, 5^5\})$	3947400
15	$\mathcal{O}(1; \{3^2, 5^{10}\})$	94372200
15	$\mathcal{O}(1; \{3^9, 5^3, 15\})$	4001400
15	$\mathcal{O}(1; \{3^3, 5^8, 15\})$	70777800
15	$\mathcal{O}(1; \{3^{10}, 5, 15^2\})$	3688200
15	$\mathcal{O}(1; \{3^4, 5^6, 15^2\})$	64884600
15	$\mathcal{O}(1; \{3^5, 5^4, 15^3\})$	63390600

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(1; \{3^6, 5^2, 15^4\})$	63099000
15	$\mathcal{O}(1; \{5^7, 15^4\})$	1132461000
15	$\mathcal{O}(1; \{3^7, 15^5\})$	62699400
15	$\mathcal{O}(1; \{3, 5^5, 15^5\})$	1038094200
15	$\mathcal{O}(1; \{3^2, 5^3, 15^6\})$	1014481800
15	$\mathcal{O}(1; \{3^3, 5, 15^7\})$	1008660600
15	$\mathcal{O}(1; \{15^{10}\})$	16137646200
15	$\mathcal{O}(0; \{3^{11}, 5^5\})$	139128
15	$\mathcal{O}(0; \{3^5, 5^{10}\})$	2097160
15	$\mathcal{O}(0; \{3^{12}, 5^3, 15\})$	141960
15	$\mathcal{O}(0; \{3^6, 5^8, 15\})$	2201976
15	$\mathcal{O}(0; \{3^{13}, 5, 15^2\})$	131064
15	$\mathcal{O}(0; \{3^7, 5^6, 15^2\})$	2228360
15	$\mathcal{O}(0; \{3, 5^{11}, 15^2\})$	26843544
15	$\mathcal{O}(0; \{3^8, 5^4, 15^3\})$	2234232
15	$\mathcal{O}(0; \{3^2, 5^9, 15^3\})$	33554440
15	$\mathcal{O}(0; \{3^9, 5^2, 15^4\})$	2238600
15	$\mathcal{O}(0; \{3^3, 5^7, 15^4\})$	35232120
15	$\mathcal{O}(0; \{3^{10}, 15^5\})$	2228088
15	$\mathcal{O}(0; \{3^4, 5^5, 15^5\})$	35651720
15	$\mathcal{O}(0; \{3^5, 5^3, 15^6\})$	35755896
15	$\mathcal{O}(0; \{3^6, 5, 15^7\})$	35784840
15	$\mathcal{O}(0; \{5^6, 15^7\})$	563714424
15	$\mathcal{O}(0; \{3, 5^4, 15^8\})$	570425480
15	$\mathcal{O}(0; \{3^2, 5^2, 15^9\})$	572102520
15	$\mathcal{O}(0; \{3^3, 15^{10}\})$	572524680
16	$\mathcal{O}(4; \{2^2, 8^2\})$	17112760320
16	$\mathcal{O}(4; \{8, 16^2\})$	137438953472
16	$\mathcal{O}(3; \{2^6, 8^2\})$	66060288
16	$\mathcal{O}(3; \{2^3, 4^2, 8^2\})$	264241152
16	$\mathcal{O}(3; \{4^4, 8^2\})$	1056964608
16	$\mathcal{O}(3; \{2, 4, 8^4\})$	2113929216
16	$\mathcal{O}(3; \{2^4, 8, 16^2\})$	536870912
16	$\mathcal{O}(3; \{2, 4^2, 8, 16^2\})$	2147483648
16	$\mathcal{O}(3; \{2^2, 16^4\})$	8589934592
16	$\mathcal{O}(2; \{2^{10}, 8^2\})$	245760
16	$\mathcal{O}(2; \{2^7, 4^2, 8^2\})$	983040
16	$\mathcal{O}(2; \{2^4, 4^4, 8^2\})$	3932160
16	$\mathcal{O}(2; \{2, 4^6, 8^2\})$	15728640
16	$\mathcal{O}(2; \{2^5, 4, 8^4\})$	7864320
16	$\mathcal{O}(2; \{2^2, 4^3, 8^4\})$	31457280
16	$\mathcal{O}(2; \{2^3, 8^6\})$	62914560
16	$\mathcal{O}(2; \{4^2, 8^6\})$	251658240

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{2^8, 8, 16^2\})$	2097152
16	$\mathcal{O}(2; \{2^5, 4^2, 8, 16^2\})$	8388608
16	$\mathcal{O}(2; \{2^2, 4^4, 8, 16^2\})$	33554432
16	$\mathcal{O}(2; \{2^3, 4, 8^3, 16^2\})$	67108864
16	$\mathcal{O}(2; \{4^3, 8^3, 16^2\})$	268435456
16	$\mathcal{O}(2; \{2, 8^5, 16^2\})$	536870912
16	$\mathcal{O}(2; \{2^6, 16^4\})$	33554432
16	$\mathcal{O}(2; \{2^3, 4^2, 16^4\})$	134217728
16	$\mathcal{O}(2; \{4^4, 16^4\})$	536870912
16	$\mathcal{O}(2; \{2, 4, 8^2, 16^4\})$	1073741824
16	$\mathcal{O}(1; \{2^{14}, 8^2\})$	768
16	$\mathcal{O}(1; \{2^{11}, 4^2, 8^2\})$	3072
16	$\mathcal{O}(1; \{2^8, 4^4, 8^2\})$	12288
16	$\mathcal{O}(1; \{2^5, 4^6, 8^2\})$	49152
16	$\mathcal{O}(1; \{2^2, 4^8, 8^2\})$	196608
16	$\mathcal{O}(1; \{2^9, 4, 8^4\})$	24576
16	$\mathcal{O}(1; \{2^6, 4^3, 8^4\})$	98304
16	$\mathcal{O}(1; \{2^3, 4^5, 8^4\})$	393216
16	$\mathcal{O}(1; \{4^7, 8^4\})$	1572864
16	$\mathcal{O}(1; \{2^7, 8^6\})$	196608
16	$\mathcal{O}(1; \{2^4, 4^2, 8^6\})$	786432
16	$\mathcal{O}(1; \{2, 4^4, 8^6\})$	3145728
16	$\mathcal{O}(1; \{2^2, 4, 8^8\})$	6291456
16	$\mathcal{O}(1; \{8^{10}\})$	50331648
16	$\mathcal{O}(1; \{2^{12}, 8, 16^2\})$	8192
16	$\mathcal{O}(1; \{2^9, 4^2, 8, 16^2\})$	32768
16	$\mathcal{O}(1; \{2^6, 4^4, 8, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^3, 4^6, 8, 16^2\})$	524288
16	$\mathcal{O}(1; \{4^8, 8, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2^7, 4, 8^3, 16^2\})$	262144
16	$\mathcal{O}(1; \{2^4, 4^3, 8^3, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2, 4^5, 8^3, 16^2\})$	4194304
16	$\mathcal{O}(1; \{2^5, 8^5, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2^2, 4^2, 8^5, 16^2\})$	8388608
16	$\mathcal{O}(1; \{4, 8^7, 16^2\})$	67108864
16	$\mathcal{O}(1; \{2^{10}, 16^4\})$	131072
16	$\mathcal{O}(1; \{2^7, 4^2, 16^4\})$	524288
16	$\mathcal{O}(1; \{2^4, 4^4, 16^4\})$	2097152
16	$\mathcal{O}(1; \{2, 4^6, 16^4\})$	8388608
16	$\mathcal{O}(1; \{2^5, 4, 8^2, 16^4\})$	4194304
16	$\mathcal{O}(1; \{2^2, 4^3, 8^2, 16^4\})$	16777216
16	$\mathcal{O}(1; \{2^3, 8^4, 16^4\})$	33554432
16	$\mathcal{O}(1; \{4^2, 8^4, 16^4\})$	134217728

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Table 1 – continued from previous page

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

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{2^3, 8^2, 16^8\})$	33554432
16	$\mathcal{O}(0; \{4^2, 8^2, 16^8\})$	134217728
16	$\mathcal{O}(0; \{2, 8, 16^{10}\})$	536870912
18	$\mathcal{O}(4; \{9^2\})$	65861483130
18	$\mathcal{O}(3; \{2^4, 9^2\})$	204073344
18	$\mathcal{O}(3; \{3^3, 9^2\})$	1607077584
18	$\mathcal{O}(3; \{2, 3, 6, 9^2\})$	816293376
18	$\mathcal{O}(3; \{2^2, 9, 18^2\})$	612220032
18	$\mathcal{O}(3; \{18^4\})$	5509980288
18	$\mathcal{O}(2; \{2^8, 9^2\})$	629856
18	$\mathcal{O}(2; \{2^4, 3^3, 9^2\})$	5038848
18	$\mathcal{O}(2; \{3^6, 9^2\})$	37791360
18	$\mathcal{O}(2; \{2^5, 3, 6, 9^2\})$	2519424
18	$\mathcal{O}(2; \{2, 3^4, 6, 9^2\})$	20155392
18	$\mathcal{O}(2; \{2^2, 3^2, 6^2, 9^2\})$	10077696
18	$\mathcal{O}(2; \{2^3, 6^3, 9^2\})$	5038848
18	$\mathcal{O}(2; \{3, 6^4, 9^2\})$	20155392
18	$\mathcal{O}(2; \{3^2, 9^5\})$	318864600
18	$\mathcal{O}(2; \{2, 6, 9^5\})$	170061120
18	$\mathcal{O}(2; \{2^3, 3, 9^3, 18\})$	34012224
18	$\mathcal{O}(2; \{3^2, 6, 9^3, 18\})$	136048896
18	$\mathcal{O}(2; \{2, 6^2, 9^3, 18\})$	68024448
18	$\mathcal{O}(2; \{2^6, 9, 18^2\})$	1889568
18	$\mathcal{O}(2; \{2^2, 3^3, 9, 18^2\})$	15116544
18	$\mathcal{O}(2; \{2^3, 3, 6, 9, 18^2\})$	7558272
18	$\mathcal{O}(2; \{3^2, 6^2, 9, 18^2\})$	30233088
18	$\mathcal{O}(2; \{2, 6^3, 9, 18^2\})$	15116544
18	$\mathcal{O}(2; \{2, 3, 9^2, 18^3\})$	170061120
18	$\mathcal{O}(2; \{2^4, 18^4\})$	17006112
18	$\mathcal{O}(2; \{3^3, 18^4\})$	136048896
18	$\mathcal{O}(2; \{2, 3, 6, 18^4\})$	68024448
18	$\mathcal{O}(1; \{2^{12}, 9^2\})$	1944
18	$\mathcal{O}(1; \{2^8, 3^3, 9^2\})$	15552
18	$\mathcal{O}(1; \{2^4, 3^6, 9^2\})$	124416
18	$\mathcal{O}(1; \{3^9, 9^2\})$	746496
18	$\mathcal{O}(1; \{2^9, 3, 6, 9^2\})$	7776
18	$\mathcal{O}(1; \{2^5, 3^4, 6, 9^2\})$	62208
18	$\mathcal{O}(1; \{2, 3^7, 6, 9^2\})$	497664
18	$\mathcal{O}(1; \{2^6, 3^2, 6^2, 9^2\})$	31104
18	$\mathcal{O}(1; \{2^2, 3^5, 6^2, 9^2\})$	248832
18	$\mathcal{O}(1; \{2^7, 6^3, 9^2\})$	15552
18	$\mathcal{O}(1; \{2^3, 3^3, 6^3, 9^2\})$	124416
18	$\mathcal{O}(1; \{2^4, 3, 6^4, 9^2\})$	62208

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{3^4, 6^4, 9^2\})$	497664
18	$\mathcal{O}(1; \{2, 3^2, 6^5, 9^2\})$	248832
18	$\mathcal{O}(1; \{2^2, 6^6, 9^2\})$	124416
18	$\mathcal{O}(1; \{2^4, 3^2, 9^5\})$	1049760
18	$\mathcal{O}(1; \{3^5, 9^5\})$	6298560
18	$\mathcal{O}(1; \{2^5, 6, 9^5\})$	524880
18	$\mathcal{O}(1; \{2, 3^3, 6, 9^5\})$	4199040
18	$\mathcal{O}(1; \{2^2, 3, 6^2, 9^5\})$	2099520
18	$\mathcal{O}(1; \{6^4, 9^5\})$	4199040
18	$\mathcal{O}(1; \{3, 9^8\})$	91407852
18	$\mathcal{O}(1; \{2^7, 3, 9^3, 18\})$	104976
18	$\mathcal{O}(1; \{2^3, 3^4, 9^3, 18\})$	839808
18	$\mathcal{O}(1; \{2^4, 3^2, 6, 9^3, 18\})$	419904
18	$\mathcal{O}(1; \{3^5, 6, 9^3, 18\})$	3359232
18	$\mathcal{O}(1; \{2^5, 6^2, 9^3, 18\})$	209952
18	$\mathcal{O}(1; \{2, 3^3, 6^2, 9^3, 18\})$	1679616
18	$\mathcal{O}(1; \{2^2, 3, 6^3, 9^3, 18\})$	839808
18	$\mathcal{O}(1; \{6^5, 9^3, 18\})$	1679616
18	$\mathcal{O}(1; \{2^3, 9^6, 18\})$	9920232
18	$\mathcal{O}(1; \{3, 6, 9^6, 18\})$	39680928
18	$\mathcal{O}(1; \{2^{10}, 9, 18^2\})$	5832
18	$\mathcal{O}(1; \{2^6, 3^3, 9, 18^2\})$	46656
18	$\mathcal{O}(1; \{2^2, 3^6, 9, 18^2\})$	373248
18	$\mathcal{O}(1; \{2^7, 3, 6, 9, 18^2\})$	23328
18	$\mathcal{O}(1; \{2^3, 3^4, 6, 9, 18^2\})$	186624
18	$\mathcal{O}(1; \{2^4, 3^2, 6^2, 9, 18^2\})$	93312
18	$\mathcal{O}(1; \{3^5, 6^2, 9, 18^2\})$	746496
18	$\mathcal{O}(1; \{2^5, 6^3, 9, 18^2\})$	46656
18	$\mathcal{O}(1; \{2, 3^3, 6^3, 9, 18^2\})$	373248
18	$\mathcal{O}(1; \{2^2, 3, 6^4, 9, 18^2\})$	186624
18	$\mathcal{O}(1; \{6^6, 9, 18^2\})$	373248
18	$\mathcal{O}(1; \{2^2, 3^2, 9^4, 18^2\})$	6928416
18	$\mathcal{O}(1; \{2^3, 6, 9^4, 18^2\})$	3464208
18	$\mathcal{O}(1; \{3, 6^2, 9^4, 18^2\})$	13856832
18	$\mathcal{O}(1; \{2^5, 3, 9^2, 18^3\})$	524880
18	$\mathcal{O}(1; \{2, 3^4, 9^2, 18^3\})$	4199040
18	$\mathcal{O}(1; \{2^2, 3^2, 6, 9^2, 18^3\})$	2099520
18	$\mathcal{O}(1; \{2^3, 6^2, 9^2, 18^3\})$	1049760
18	$\mathcal{O}(1; \{3, 6^3, 9^2, 18^3\})$	4199040
18	$\mathcal{O}(1; \{2, 9^5, 18^3\})$	60938568
18	$\mathcal{O}(1; \{2^8, 18^4\})$	52488
18	$\mathcal{O}(1; \{2^4, 3^3, 18^4\})$	419904
18	$\mathcal{O}(1; \{3^6, 18^4\})$	3359232

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^5, 3, 6, 18^4\})$	209952
18	$\mathcal{O}(1; \{2, 3^4, 6, 18^4\})$	1679616
18	$\mathcal{O}(1; \{2^2, 3^2, 6^2, 18^4\})$	839808
18	$\mathcal{O}(1; \{2^3, 6^3, 18^4\})$	419904
18	$\mathcal{O}(1; \{3, 6^4, 18^4\})$	1679616
18	$\mathcal{O}(1; \{3^2, 9^3, 18^4\})$	39680928
18	$\mathcal{O}(1; \{2, 6, 9^3, 18^4\})$	19840464
18	$\mathcal{O}(1; \{2^3, 3, 9, 18^5\})$	3464208
18	$\mathcal{O}(1; \{3^2, 6, 9, 18^5\})$	13856832
18	$\mathcal{O}(1; \{2, 6^2, 9, 18^5\})$	6928416
18	$\mathcal{O}(1; \{2, 3, 18^7\})$	19840464
18	$\mathcal{O}(0; \{2^{16}, 9^2\})$	6
18	$\mathcal{O}(0; \{2^{12}, 3^3, 9^2\})$	48
18	$\mathcal{O}(0; \{2^8, 3^6, 9^2\})$	384
18	$\mathcal{O}(0; \{2^4, 3^9, 9^2\})$	3072
18	$\mathcal{O}(0; \{2^{13}, 3, 6, 9^2\})$	24
18	$\mathcal{O}(0; \{2^9, 3^4, 6, 9^2\})$	192
18	$\mathcal{O}(0; \{2^5, 3^7, 6, 9^2\})$	1536
18	$\mathcal{O}(0; \{2, 3^{10}, 6, 9^2\})$	12288
18	$\mathcal{O}(0; \{2^{10}, 3^2, 6^2, 9^2\})$	96
18	$\mathcal{O}(0; \{2^6, 3^5, 6^2, 9^2\})$	768
18	$\mathcal{O}(0; \{2^2, 3^8, 6^2, 9^2\})$	6144
18	$\mathcal{O}(0; \{2^{11}, 6^3, 9^2\})$	48
18	$\mathcal{O}(0; \{2^7, 3^3, 6^3, 9^2\})$	384
18	$\mathcal{O}(0; \{2^3, 3^6, 6^3, 9^2\})$	3072
18	$\mathcal{O}(0; \{2^8, 3, 6^4, 9^2\})$	192
18	$\mathcal{O}(0; \{2^4, 3^4, 6^4, 9^2\})$	1536
18	$\mathcal{O}(0; \{3^7, 6^4, 9^2\})$	12288
18	$\mathcal{O}(0; \{2^5, 3^2, 6^5, 9^2\})$	768
18	$\mathcal{O}(0; \{2, 3^5, 6^5, 9^2\})$	6144
18	$\mathcal{O}(0; \{2^6, 6^6, 9^2\})$	384
18	$\mathcal{O}(0; \{2^2, 3^3, 6^6, 9^2\})$	3072
18	$\mathcal{O}(0; \{2^3, 3, 6^7, 9^2\})$	1536
18	$\mathcal{O}(0; \{3^2, 6^8, 9^2\})$	6144
18	$\mathcal{O}(0; \{2, 6^9, 9^2\})$	3072
18	$\mathcal{O}(0; \{2^8, 3^2, 9^5\})$	3240
18	$\mathcal{O}(0; \{2^4, 3^5, 9^5\})$	25920
18	$\mathcal{O}(0; \{2^9, 6, 9^5\})$	1620
18	$\mathcal{O}(0; \{2^5, 3^3, 6, 9^5\})$	12960
18	$\mathcal{O}(0; \{2, 3^6, 6, 9^5\})$	103680
18	$\mathcal{O}(0; \{2^6, 3, 6^2, 9^5\})$	6480
18	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 9^5\})$	51840
18	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 9^5\})$	25920

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^4, 6^4, 9^5\})$	12960
18	$\mathcal{O}(0; \{3^3, 6^4, 9^5\})$	103680
18	$\mathcal{O}(0; \{2, 3, 6^5, 9^5\})$	51840
18	$\mathcal{O}(0; \{2^4, 3, 9^8\})$	376164
18	$\mathcal{O}(0; \{2, 3^2, 6, 9^8\})$	1504656
18	$\mathcal{O}(0; \{2^2, 6^2, 9^8\})$	752328
18	$\mathcal{O}(0; \{2^{11}, 3, 9^3, 18\})$	324
18	$\mathcal{O}(0; \{2^7, 3^4, 9^3, 18\})$	2592
18	$\mathcal{O}(0; \{2^3, 3^7, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{2^8, 3^2, 6, 9^3, 18\})$	1296
18	$\mathcal{O}(0; \{2^4, 3^5, 6, 9^3, 18\})$	10368
18	$\mathcal{O}(0; \{3^8, 6, 9^3, 18\})$	82944
18	$\mathcal{O}(0; \{2^9, 6^2, 9^3, 18\})$	648
18	$\mathcal{O}(0; \{2^5, 3^3, 6^2, 9^3, 18\})$	5184
18	$\mathcal{O}(0; \{2, 3^6, 6^2, 9^3, 18\})$	41472
18	$\mathcal{O}(0; \{2^6, 3, 6^3, 9^3, 18\})$	2592
18	$\mathcal{O}(0; \{2^2, 3^4, 6^3, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{2^3, 3^2, 6^4, 9^3, 18\})$	10368
18	$\mathcal{O}(0; \{2^4, 6^5, 9^3, 18\})$	5184
18	$\mathcal{O}(0; \{3^3, 6^5, 9^3, 18\})$	41472
18	$\mathcal{O}(0; \{2, 3, 6^6, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{2^7, 9^6, 18\})$	30618
18	$\mathcal{O}(0; \{2^3, 3^3, 9^6, 18\})$	244944
18	$\mathcal{O}(0; \{2^4, 3, 6, 9^6, 18\})$	122472
18	$\mathcal{O}(0; \{3^4, 6, 9^6, 18\})$	979776
18	$\mathcal{O}(0; \{2, 3^2, 6^2, 9^6, 18\})$	489888
18	$\mathcal{O}(0; \{2^2, 6^3, 9^6, 18\})$	244944
18	$\mathcal{O}(0; \{6, 9^9, 18\})$	13463172
18	$\mathcal{O}(0; \{2^{14}, 9, 18^2\})$	18
18	$\mathcal{O}(0; \{2^{10}, 3^3, 9, 18^2\})$	144
18	$\mathcal{O}(0; \{2^6, 3^6, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{2^2, 3^9, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{2^{11}, 3, 6, 9, 18^2\})$	72
18	$\mathcal{O}(0; \{2^7, 3^4, 6, 9, 18^2\})$	576
18	$\mathcal{O}(0; \{2^3, 3^7, 6, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{2^8, 3^2, 6^2, 9, 18^2\})$	288
18	$\mathcal{O}(0; \{2^4, 3^5, 6^2, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{3^8, 6^2, 9, 18^2\})$	18432
18	$\mathcal{O}(0; \{2^9, 6^3, 9, 18^2\})$	144
18	$\mathcal{O}(0; \{2^5, 3^3, 6^3, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{2, 3^6, 6^3, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{2^6, 3, 6^4, 9, 18^2\})$	576
18	$\mathcal{O}(0; \{2^2, 3^4, 6^4, 9, 18^2\})$	4608

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^3, 3^2, 6^5, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{2^4, 6^6, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{3^3, 6^6, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{2, 3, 6^7, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{2^6, 3^2, 9^4, 18^2\})$	21384
18	$\mathcal{O}(0; \{2^2, 3^5, 9^4, 18^2\})$	171072
18	$\mathcal{O}(0; \{2^7, 6, 9^4, 18^2\})$	10692
18	$\mathcal{O}(0; \{2^3, 3^3, 6, 9^4, 18^2\})$	85536
18	$\mathcal{O}(0; \{2^4, 3, 6^2, 9^4, 18^2\})$	42768
18	$\mathcal{O}(0; \{3^4, 6^2, 9^4, 18^2\})$	342144
18	$\mathcal{O}(0; \{2, 3^2, 6^3, 9^4, 18^2\})$	171072
18	$\mathcal{O}(0; \{2^2, 6^4, 9^4, 18^2\})$	85536
18	$\mathcal{O}(0; \{2^2, 3, 9^7, 18^2\})$	2230740
18	$\mathcal{O}(0; \{6^2, 9^7, 18^2\})$	4461480
18	$\mathcal{O}(0; \{2^9, 3, 9^2, 18^3\})$	1620
18	$\mathcal{O}(0; \{2^5, 3^4, 9^2, 18^3\})$	12960
18	$\mathcal{O}(0; \{2, 3^7, 9^2, 18^3\})$	103680
18	$\mathcal{O}(0; \{2^6, 3^2, 6, 9^2, 18^3\})$	6480
18	$\mathcal{O}(0; \{2^2, 3^5, 6, 9^2, 18^3\})$	51840
18	$\mathcal{O}(0; \{2^7, 6^2, 9^2, 18^3\})$	3240
18	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 9^2, 18^3\})$	25920
18	$\mathcal{O}(0; \{2^4, 3, 6^3, 9^2, 18^3\})$	12960
18	$\mathcal{O}(0; \{3^4, 6^3, 9^2, 18^3\})$	103680
18	$\mathcal{O}(0; \{2, 3^2, 6^4, 9^2, 18^3\})$	51840
18	$\mathcal{O}(0; \{2^2, 6^5, 9^2, 18^3\})$	25920
18	$\mathcal{O}(0; \{2^5, 9^5, 18^3\})$	188082
18	$\mathcal{O}(0; \{2, 3^3, 9^5, 18^3\})$	1504656
18	$\mathcal{O}(0; \{2^2, 3, 6, 9^5, 18^3\})$	752328
18	$\mathcal{O}(0; \{6^3, 9^5, 18^3\})$	1504656
18	$\mathcal{O}(0; \{2^{12}, 18^4\})$	162
18	$\mathcal{O}(0; \{2^8, 3^3, 18^4\})$	1296
18	$\mathcal{O}(0; \{2^4, 3^6, 18^4\})$	10368
18	$\mathcal{O}(0; \{3^9, 18^4\})$	82944
18	$\mathcal{O}(0; \{2^9, 3, 6, 18^4\})$	648
18	$\mathcal{O}(0; \{2^5, 3^4, 6, 18^4\})$	5184
18	$\mathcal{O}(0; \{2, 3^7, 6, 18^4\})$	41472
18	$\mathcal{O}(0; \{2^6, 3^2, 6^2, 18^4\})$	2592
18	$\mathcal{O}(0; \{2^2, 3^5, 6^2, 18^4\})$	20736
18	$\mathcal{O}(0; \{2^7, 6^3, 18^4\})$	1296
18	$\mathcal{O}(0; \{2^3, 3^3, 6^3, 18^4\})$	10368
18	$\mathcal{O}(0; \{2^4, 3, 6^4, 18^4\})$	5184
18	$\mathcal{O}(0; \{3^4, 6^4, 18^4\})$	41472
18	$\mathcal{O}(0; \{2, 3^2, 6^5, 18^4\})$	20736

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^2, 6^6, 18^4\})$	10368
18	$\mathcal{O}(0; \{2^4, 3^2, 9^3, 18^4\})$	122472
18	$\mathcal{O}(0; \{3^5, 9^3, 18^4\})$	979776
18	$\mathcal{O}(0; \{2^5, 6, 9^3, 18^4\})$	61236
18	$\mathcal{O}(0; \{2, 3^3, 6, 9^3, 18^4\})$	489888
18	$\mathcal{O}(0; \{2^2, 3, 6^2, 9^3, 18^4\})$	244944
18	$\mathcal{O}(0; \{6^4, 9^3, 18^4\})$	489888
18	$\mathcal{O}(0; \{3, 9^6, 18^4\})$	13463172
18	$\mathcal{O}(0; \{2^7, 3, 9, 18^5\})$	10692
18	$\mathcal{O}(0; \{2^3, 3^4, 9, 18^5\})$	85536
18	$\mathcal{O}(0; \{2^4, 3^2, 6, 9, 18^5\})$	42768
18	$\mathcal{O}(0; \{3^5, 6, 9, 18^5\})$	342144
18	$\mathcal{O}(0; \{2^5, 6^2, 9, 18^5\})$	21384
18	$\mathcal{O}(0; \{2, 3^3, 6^2, 9, 18^5\})$	171072
18	$\mathcal{O}(0; \{2^2, 3, 6^3, 9, 18^5\})$	85536
18	$\mathcal{O}(0; \{6^5, 9, 18^5\})$	171072
18	$\mathcal{O}(0; \{2^3, 9^4, 18^5\})$	1115370
18	$\mathcal{O}(0; \{3, 6, 9^4, 18^5\})$	4461480
18	$\mathcal{O}(0; \{2^2, 3^2, 9^2, 18^6\})$	752328
18	$\mathcal{O}(0; \{2^3, 6, 9^2, 18^6\})$	376164
18	$\mathcal{O}(0; \{3, 6^2, 9^2, 18^6\})$	1504656
18	$\mathcal{O}(0; \{2^5, 3, 18^7\})$	61236
18	$\mathcal{O}(0; \{2, 3^4, 18^7\})$	489888
18	$\mathcal{O}(0; \{2^2, 3^2, 6, 18^7\})$	244944
18	$\mathcal{O}(0; \{2^3, 6^2, 18^7\})$	122472
18	$\mathcal{O}(0; \{3, 6^3, 18^7\})$	489888
18	$\mathcal{O}(0; \{2, 9^3, 18^7\})$	6731586
18	$\mathcal{O}(0; \{3^2, 9, 18^8\})$	4461480
18	$\mathcal{O}(0; \{2, 6, 9, 18^8\})$	2230740
20	$\mathcal{O}(4; \{2^2\})$	25499934720
20	$\mathcal{O}(3; \{2^6\})$	62995968
20	$\mathcal{O}(3; \{2^3, 4^2\})$	127991808
20	$\mathcal{O}(3; \{4^4\})$	511967232
20	$\mathcal{O}(3; \{2, 5^2, 10\})$	756000000
20	$\mathcal{O}(3; \{2, 4, 5, 20\})$	512000000
20	$\mathcal{O}(2; \{2^{10}\})$	149760
20	$\mathcal{O}(2; \{2^7, 4^2\})$	319488
20	$\mathcal{O}(2; \{2^4, 4^4\})$	1277952
20	$\mathcal{O}(2; \{2, 4^6\})$	5111808
20	$\mathcal{O}(2; \{2^2, 5^5\})$	30600000
20	$\mathcal{O}(2; \{2^5, 5^2, 10\})$	1800000
20	$\mathcal{O}(2; \{2^2, 4^2, 5^2, 10\})$	3840000
20	$\mathcal{O}(2; \{5^4, 10^2\})$	123000000

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{2^3, 5, 10^3\})$	7800000
20	$\mathcal{O}(2; \{4^2, 5, 10^3\})$	16640000
20	$\mathcal{O}(2; \{2, 10^5\})$	30600000
20	$\mathcal{O}(2; \{2^5, 4, 5, 20\})$	1280000
20	$\mathcal{O}(2; \{2^2, 4^3, 5, 20\})$	5120000
20	$\mathcal{O}(2; \{4, 5^3, 10, 20\})$	65280000
20	$\mathcal{O}(2; \{2^3, 4, 10^2, 20\})$	3840000
20	$\mathcal{O}(2; \{4^3, 10^2, 20\})$	15360000
20	$\mathcal{O}(2; \{2^3, 5^2, 20^2\})$	16640000
20	$\mathcal{O}(2; \{4^2, 5^2, 20^2\})$	66560000
20	$\mathcal{O}(2; \{2, 5, 10^2, 20^2\})$	65280000
20	$\mathcal{O}(2; \{2, 4, 10, 20^3\})$	66560000
20	$\mathcal{O}(1; \{2^{14}\})$	288
20	$\mathcal{O}(1; \{2^{11}, 4^2\})$	768
20	$\mathcal{O}(1; \{2^8, 4^4\})$	3072
20	$\mathcal{O}(1; \{2^5, 4^6\})$	12288
20	$\mathcal{O}(1; \{2^2, 4^8\})$	49152
20	$\mathcal{O}(1; \{2^6, 5^5\})$	61200
20	$\mathcal{O}(1; \{2^3, 4^2, 5^5\})$	163200
20	$\mathcal{O}(1; \{4^4, 5^5\})$	652800
20	$\mathcal{O}(1; \{2^9, 5^2, 10\})$	3600
20	$\mathcal{O}(1; \{2^6, 4^2, 5^2, 10\})$	9600
20	$\mathcal{O}(1; \{2^3, 4^4, 5^2, 10\})$	38400
20	$\mathcal{O}(1; \{4^6, 5^2, 10\})$	153600
20	$\mathcal{O}(1; \{2, 5^7, 10\})$	3932400
20	$\mathcal{O}(1; \{2^4, 5^4, 10^2\})$	246000
20	$\mathcal{O}(1; \{2, 4^2, 5^4, 10^2\})$	656000
20	$\mathcal{O}(1; \{2^7, 5, 10^3\})$	15600
20	$\mathcal{O}(1; \{2^4, 4^2, 5, 10^3\})$	41600
20	$\mathcal{O}(1; \{2, 4^4, 5, 10^3\})$	166400
20	$\mathcal{O}(1; \{2^2, 5^3, 10^4\})$	982800
20	$\mathcal{O}(1; \{2^5, 10^5\})$	61200
20	$\mathcal{O}(1; \{2^2, 4^2, 10^5\})$	163200
20	$\mathcal{O}(1; \{5^2, 10^6\})$	3932400
20	$\mathcal{O}(1; \{2^9, 4, 5, 20\})$	3200
20	$\mathcal{O}(1; \{2^6, 4^3, 5, 20\})$	12800
20	$\mathcal{O}(1; \{2^3, 4^5, 5, 20\})$	51200
20	$\mathcal{O}(1; \{4^7, 5, 20\})$	204800
20	$\mathcal{O}(1; \{2, 4, 5^6, 20\})$	2620800
20	$\mathcal{O}(1; \{2^4, 4, 5^3, 10, 20\})$	163200
20	$\mathcal{O}(1; \{2, 4^3, 5^3, 10, 20\})$	652800
20	$\mathcal{O}(1; \{2^7, 4, 10^2, 20\})$	9600
20	$\mathcal{O}(1; \{2^4, 4^3, 10^2, 20\})$	38400

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{2, 4^5, 10^2, 20\})$	153600
20	$\mathcal{O}(1; \{2^2, 4, 5^2, 10^3, 20\})$	656000
20	$\mathcal{O}(1; \{4, 5, 10^5, 20\})$	2620800
20	$\mathcal{O}(1; \{2^7, 5^2, 20^2\})$	41600
20	$\mathcal{O}(1; \{2^4, 4^2, 5^2, 20^2\})$	166400
20	$\mathcal{O}(1; \{2, 4^4, 5^2, 20^2\})$	665600
20	$\mathcal{O}(1; \{2^2, 5^4, 10, 20^2\})$	2620800
20	$\mathcal{O}(1; \{2^5, 5, 10^2, 20^2\})$	163200
20	$\mathcal{O}(1; \{2^2, 4^2, 5, 10^2, 20^2\})$	652800
20	$\mathcal{O}(1; \{5^3, 10^3, 20^2\})$	10486400
20	$\mathcal{O}(1; \{2^3, 10^4, 20^2\})$	656000
20	$\mathcal{O}(1; \{4^2, 10^4, 20^2\})$	2624000
20	$\mathcal{O}(1; \{2^2, 4, 5^3, 20^3\})$	2624000
20	$\mathcal{O}(1; \{2^5, 4, 10, 20^3\})$	166400
20	$\mathcal{O}(1; \{2^2, 4^3, 10, 20^3\})$	665600
20	$\mathcal{O}(1; \{4, 5^2, 10^2, 20^3\})$	10483200
20	$\mathcal{O}(1; \{5^4, 20^4\})$	41945600
20	$\mathcal{O}(1; \{2^3, 5, 10, 20^4\})$	2624000
20	$\mathcal{O}(1; \{4^2, 5, 10, 20^4\})$	10496000
20	$\mathcal{O}(1; \{2, 10^3, 20^4\})$	10483200
20	$\mathcal{O}(1; \{2^3, 4, 20^5\})$	2611200
20	$\mathcal{O}(1; \{4^3, 20^5\})$	10444800
20	$\mathcal{O}(1; \{2, 5, 20^6\})$	41932800
20	$\mathcal{O}(0; \{2^7, 4^2, 5^5\})$	408
20	$\mathcal{O}(0; \{2^4, 4^4, 5^5\})$	1632
20	$\mathcal{O}(0; \{2, 4^6, 5^5\})$	6528
20	$\mathcal{O}(0; \{2^{10}, 4^2, 5^2, 10\})$	24
20	$\mathcal{O}(0; \{2^7, 4^4, 5^2, 10\})$	96
20	$\mathcal{O}(0; \{2^4, 4^6, 5^2, 10\})$	384
20	$\mathcal{O}(0; \{2, 4^8, 5^2, 10\})$	1536
20	$\mathcal{O}(0; \{2^2, 4^2, 5^7, 10\})$	26216
20	$\mathcal{O}(0; \{2^5, 4^2, 5^4, 10^2\})$	1640
20	$\mathcal{O}(0; \{2^2, 4^4, 5^4, 10^2\})$	6560
20	$\mathcal{O}(0; \{2^8, 4^2, 5, 10^3\})$	104
20	$\mathcal{O}(0; \{2^5, 4^4, 5, 10^3\})$	416
20	$\mathcal{O}(0; \{2^2, 4^6, 5, 10^3\})$	1664
20	$\mathcal{O}(0; \{4^2, 5^6, 10^3\})$	104856
20	$\mathcal{O}(0; \{2^3, 4^2, 5^3, 10^4\})$	6552
20	$\mathcal{O}(0; \{4^4, 5^3, 10^4\})$	26208
20	$\mathcal{O}(0; \{2^6, 4^2, 10^5\})$	408
20	$\mathcal{O}(0; \{2^3, 4^4, 10^5\})$	1632
20	$\mathcal{O}(0; \{4^6, 10^5\})$	6528
20	$\mathcal{O}(0; \{2, 4^2, 5^2, 10^6\})$	26216

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^{13}, 4, 5, 20\})$	8
20	$\mathcal{O}(0; \{2^{10}, 4^3, 5, 20\})$	32
20	$\mathcal{O}(0; \{2^7, 4^5, 5, 20\})$	128
20	$\mathcal{O}(0; \{2^4, 4^7, 5, 20\})$	512
20	$\mathcal{O}(0; \{2, 4^9, 5, 20\})$	2048
20	$\mathcal{O}(0; \{2^5, 4, 5^6, 20\})$	6552
20	$\mathcal{O}(0; \{2^2, 4^3, 5^6, 20\})$	26208
20	$\mathcal{O}(0; \{2^8, 4, 5^3, 10, 20\})$	408
20	$\mathcal{O}(0; \{2^5, 4^3, 5^3, 10, 20\})$	1632
20	$\mathcal{O}(0; \{2^2, 4^5, 5^3, 10, 20\})$	6528
20	$\mathcal{O}(0; \{4, 5^8, 10, 20\})$	419432
20	$\mathcal{O}(0; \{2^{11}, 4, 10^2, 20\})$	24
20	$\mathcal{O}(0; \{2^8, 4^3, 10^2, 20\})$	96
20	$\mathcal{O}(0; \{2^5, 4^5, 10^2, 20\})$	384
20	$\mathcal{O}(0; \{2^2, 4^7, 10^2, 20\})$	1536
20	$\mathcal{O}(0; \{2^3, 4, 5^5, 10^2, 20\})$	26216
20	$\mathcal{O}(0; \{4^3, 5^5, 10^2, 20\})$	104864
20	$\mathcal{O}(0; \{2^6, 4, 5^2, 10^3, 20\})$	1640
20	$\mathcal{O}(0; \{2^3, 4^3, 5^2, 10^3, 20\})$	6560
20	$\mathcal{O}(0; \{4^5, 5^2, 10^3, 20\})$	26240
20	$\mathcal{O}(0; \{2, 4, 5^4, 10^4, 20\})$	104856
20	$\mathcal{O}(0; \{2^4, 4, 5, 10^5, 20\})$	6552
20	$\mathcal{O}(0; \{2, 4^3, 5, 10^5, 20\})$	26208
20	$\mathcal{O}(0; \{2^2, 4, 10^7, 20\})$	26216
20	$\mathcal{O}(0; \{2^{11}, 5^2, 20^2\})$	104
20	$\mathcal{O}(0; \{2^8, 4^2, 5^2, 20^2\})$	416
20	$\mathcal{O}(0; \{2^5, 4^4, 5^2, 20^2\})$	1664
20	$\mathcal{O}(0; \{2^2, 4^6, 5^2, 20^2\})$	6656
20	$\mathcal{O}(0; \{2^3, 5^7, 20^2\})$	104856
20	$\mathcal{O}(0; \{4^2, 5^7, 20^2\})$	419424
20	$\mathcal{O}(0; \{2^6, 5^4, 10, 20^2\})$	6552
20	$\mathcal{O}(0; \{2^3, 4^2, 5^4, 10, 20^2\})$	26208
20	$\mathcal{O}(0; \{4^4, 5^4, 10, 20^2\})$	104832
20	$\mathcal{O}(0; \{2^9, 5, 10^2, 20^2\})$	408
20	$\mathcal{O}(0; \{2^6, 4^2, 5, 10^2, 20^2\})$	1632
20	$\mathcal{O}(0; \{2^3, 4^4, 5, 10^2, 20^2\})$	6528
20	$\mathcal{O}(0; \{4^6, 5, 10^2, 20^2\})$	26112
20	$\mathcal{O}(0; \{2, 5^6, 10^2, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^4, 5^3, 10^3, 20^2\})$	26216
20	$\mathcal{O}(0; \{2, 4^2, 5^3, 10^3, 20^2\})$	104864
20	$\mathcal{O}(0; \{2^7, 10^4, 20^2\})$	1640
20	$\mathcal{O}(0; \{2^4, 4^2, 10^4, 20^2\})$	6560
20	$\mathcal{O}(0; \{2, 4^4, 10^4, 20^2\})$	26240

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^2, 5^2, 10^5, 20^2\})$	104856
20	$\mathcal{O}(0; \{5, 10^7, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^6, 4, 5^3, 20^3\})$	6560
20	$\mathcal{O}(0; \{2^3, 4^3, 5^3, 20^3\})$	26240
20	$\mathcal{O}(0; \{4^5, 5^3, 20^3\})$	104960
20	$\mathcal{O}(0; \{2^9, 4, 10, 20^3\})$	416
20	$\mathcal{O}(0; \{2^6, 4^3, 10, 20^3\})$	1664
20	$\mathcal{O}(0; \{2^3, 4^5, 10, 20^3\})$	6656
20	$\mathcal{O}(0; \{4^7, 10, 20^3\})$	26624
20	$\mathcal{O}(0; \{2, 4, 5^5, 10, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^4, 4, 5^2, 10^2, 20^3\})$	26208
20	$\mathcal{O}(0; \{2, 4^3, 5^2, 10^2, 20^3\})$	104832
20	$\mathcal{O}(0; \{2^2, 4, 5, 10^4, 20^3\})$	104864
20	$\mathcal{O}(0; \{4, 10^6, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^4, 5^4, 20^4\})$	104864
20	$\mathcal{O}(0; \{2, 4^2, 5^4, 20^4\})$	419456
20	$\mathcal{O}(0; \{2^7, 5, 10, 20^4\})$	6560
20	$\mathcal{O}(0; \{2^4, 4^2, 5, 10, 20^4\})$	26240
20	$\mathcal{O}(0; \{2, 4^4, 5, 10, 20^4\})$	104960
20	$\mathcal{O}(0; \{2^2, 5^3, 10^2, 20^4\})$	419424
20	$\mathcal{O}(0; \{2^5, 10^3, 20^4\})$	26208
20	$\mathcal{O}(0; \{2^2, 4^2, 10^3, 20^4\})$	104832
20	$\mathcal{O}(0; \{5^2, 10^4, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^7, 4, 20^5\})$	6528
20	$\mathcal{O}(0; \{2^4, 4^3, 20^5\})$	26112
20	$\mathcal{O}(0; \{2, 4^5, 20^5\})$	104448
20	$\mathcal{O}(0; \{2^2, 4, 5^2, 10, 20^5\})$	419456
20	$\mathcal{O}(0; \{4, 5, 10^3, 20^5\})$	1677696
20	$\mathcal{O}(0; \{2^5, 5, 20^6\})$	104832
20	$\mathcal{O}(0; \{2^2, 4^2, 5, 20^6\})$	419328
20	$\mathcal{O}(0; \{5^3, 10, 20^6\})$	6710912
20	$\mathcal{O}(0; \{2^3, 10^2, 20^6\})$	419456
20	$\mathcal{O}(0; \{4^2, 10^2, 20^6\})$	1677824
20	$\mathcal{O}(0; \{4, 5^2, 20^7\})$	6710784
20	$\mathcal{O}(0; \{2, 10, 20^8\})$	6710784
21	$\mathcal{O}(3; \{3^4\})$	514592352
21	$\mathcal{O}(2; \{3^7\})$	8164800
21	$\mathcal{O}(2; \{3^3, 7^2, 21\})$	35006580
21	$\mathcal{O}(2; \{7, 21^4\})$	1295243460
21	$\mathcal{O}(1; \{3^{10}\})$	147744
21	$\mathcal{O}(1; \{3^6, 7^2, 21\})$	555660
21	$\mathcal{O}(1; \{3^2, 7^4, 21^2\})$	17638236
21	$\mathcal{O}(1; \{3^3, 7, 21^4\})$	20559420

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
21	$\mathcal{O}(1; \{21^7\})$	740694780
21	$\mathcal{O}(0; \{3^4, 7^7\})$	239940
21	$\mathcal{O}(0; \{3^9, 7^2, 21\})$	10260
21	$\mathcal{O}(0; \{3^5, 7^4, 21^2\})$	279972
21	$\mathcal{O}(0; \{3, 7^6, 21^3\})$	8638020
21	$\mathcal{O}(0; \{3^6, 7, 21^4\})$	379620
21	$\mathcal{O}(0; \{3^2, 7^3, 21^5\})$	10077732
21	$\mathcal{O}(0; \{3^3, 21^7\})$	13676580
22	$\mathcal{O}(3; \{2, 11, 22\})$	1133799040
22	$\mathcal{O}(2; \{2^5, 11, 22\})$	2342560
22	$\mathcal{O}(2; \{2^3, 22^3\})$	21083040
22	$\mathcal{O}(1; \{11^7\})$	329999670
22	$\mathcal{O}(1; \{2^9, 11, 22\})$	4840
22	$\mathcal{O}(1; \{2^7, 22^3\})$	43560
22	$\mathcal{O}(0; \{2^4, 11^7\})$	909090
22	$\mathcal{O}(0; \{2^{13}, 11, 22\})$	10
22	$\mathcal{O}(0; \{2^2, 11^6, 22^2\})$	9090910
22	$\mathcal{O}(0; \{2^{11}, 22^3\})$	90
22	$\mathcal{O}(0; \{11^5, 22^4\})$	90909090
24	$\mathcal{O}(3; \{12^2\})$	752467968
24	$\mathcal{O}(2; \{2^2, 3^2, 4^2\})$	1244160
24	$\mathcal{O}(2; \{3, 4^2, 6^2\})$	1244160
24	$\mathcal{O}(2; \{3^2, 4, 8^2\})$	5308416
24	$\mathcal{O}(2; \{2^3, 3, 4, 12\})$	1244160
24	$\mathcal{O}(2; \{3, 4^3, 12\})$	4976640
24	$\mathcal{O}(2; \{3^2, 4, 6, 12\})$	3732480
24	$\mathcal{O}(2; \{2, 4, 6^2, 12\})$	1244160
24	$\mathcal{O}(2; \{2, 3, 8^2, 12\})$	5308416
24	$\mathcal{O}(2; \{2^4, 12^2\})$	1244160
24	$\mathcal{O}(2; \{3^3, 12^2\})$	6220800
24	$\mathcal{O}(2; \{2, 4^2, 12^2\})$	4976640
24	$\mathcal{O}(2; \{2, 3, 6, 12^2\})$	3732480
24	$\mathcal{O}(2; \{3^3, 8, 24\})$	7962624
24	$\mathcal{O}(2; \{2, 3, 6, 8, 24\})$	2654208
24	$\mathcal{O}(2; \{2, 3, 4, 24^2\})$	5308416
24	$\mathcal{O}(2; \{2^2, 12, 24^2\})$	5308416
24	$\mathcal{O}(2; \{24^4\})$	127401984
24	$\mathcal{O}(1; \{2^6, 3^2, 4^2\})$	1728
24	$\mathcal{O}(1; \{2^2, 3^5, 4^2\})$	8640
24	$\mathcal{O}(1; \{2^3, 3^2, 4^4\})$	6912
24	$\mathcal{O}(1; \{3^2, 4^6\})$	27648
24	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 6\})$	5184
24	$\mathcal{O}(1; \{3^3, 4^4, 6\})$	20736

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^4, 3, 4^2, 6^2\})$	1728
24	$\mathcal{O}(1; \{3^4, 4^2, 6^2\})$	19008
24	$\mathcal{O}(1; \{2, 3, 4^4, 6^2\})$	6912
24	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^3\})$	8640
24	$\mathcal{O}(1; \{2^2, 4^2, 6^4\})$	5184
24	$\mathcal{O}(1; \{2^4, 3^2, 4, 8^2\})$	9216
24	$\mathcal{O}(1; \{3^5, 4, 8^2\})$	46080
24	$\mathcal{O}(1; \{2, 3^2, 4^3, 8^2\})$	36864
24	$\mathcal{O}(1; \{2, 3^3, 4, 6, 8^2\})$	27648
24	$\mathcal{O}(1; \{2^2, 3, 4, 6^2, 8^2\})$	9216
24	$\mathcal{O}(1; \{4, 6^4, 8^2\})$	27648
24	$\mathcal{O}(1; \{2^2, 3^2, 8^4\})$	73728
24	$\mathcal{O}(1; \{3, 6^2, 8^4\})$	73728
24	$\mathcal{O}(1; \{2^7, 3, 4, 12\})$	1728
24	$\mathcal{O}(1; \{2^3, 3^4, 4, 12\})$	8640
24	$\mathcal{O}(1; \{2^4, 3, 4^3, 12\})$	6912
24	$\mathcal{O}(1; \{3^4, 4^3, 12\})$	34560
24	$\mathcal{O}(1; \{2, 3, 4^5, 12\})$	27648
24	$\mathcal{O}(1; \{2^4, 3^2, 4, 6, 12\})$	5184
24	$\mathcal{O}(1; \{3^5, 4, 6, 12\})$	36288
24	$\mathcal{O}(1; \{2, 3^2, 4^3, 6, 12\})$	20736
24	$\mathcal{O}(1; \{2^5, 4, 6^2, 12\})$	1728
24	$\mathcal{O}(1; \{2, 3^3, 4, 6^2, 12\})$	19008
24	$\mathcal{O}(1; \{2^2, 4^3, 6^2, 12\})$	6912
24	$\mathcal{O}(1; \{2^2, 3, 4, 6^3, 12\})$	8640
24	$\mathcal{O}(1; \{4, 6^5, 12\})$	19008
24	$\mathcal{O}(1; \{2^5, 3, 8^2, 12\})$	9216
24	$\mathcal{O}(1; \{2, 3^4, 8^2, 12\})$	46080
24	$\mathcal{O}(1; \{2^2, 3, 4^2, 8^2, 12\})$	36864
24	$\mathcal{O}(1; \{2^2, 3^2, 6, 8^2, 12\})$	27648
24	$\mathcal{O}(1; \{2^3, 6^2, 8^2, 12\})$	9216
24	$\mathcal{O}(1; \{4^2, 6^2, 8^2, 12\})$	36864
24	$\mathcal{O}(1; \{3, 6^3, 8^2, 12\})$	46080
24	$\mathcal{O}(1; \{3, 4, 8^4, 12\})$	294912
24	$\mathcal{O}(1; \{2^8, 12^2\})$	1728
24	$\mathcal{O}(1; \{2^4, 3^3, 12^2\})$	8640
24	$\mathcal{O}(1; \{3^6, 12^2\})$	74304
24	$\mathcal{O}(1; \{2^5, 4^2, 12^2\})$	6912
24	$\mathcal{O}(1; \{2, 3^3, 4^2, 12^2\})$	34560
24	$\mathcal{O}(1; \{2^2, 4^4, 12^2\})$	27648
24	$\mathcal{O}(1; \{2^5, 3, 6, 12^2\})$	5184
24	$\mathcal{O}(1; \{2, 3^4, 6, 12^2\})$	36288
24	$\mathcal{O}(1; \{2^2, 3, 4^2, 6, 12^2\})$	20736

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^2, 3^2, 6^2, 12^2\})$	19008
24	$\mathcal{O}(1; \{2^3, 6^3, 12^2\})$	8640
24	$\mathcal{O}(1; \{4^2, 6^3, 12^2\})$	34560
24	$\mathcal{O}(1; \{3, 6^4, 12^2\})$	36288
24	$\mathcal{O}(1; \{2^3, 4, 8^2, 12^2\})$	36864
24	$\mathcal{O}(1; \{4^3, 8^2, 12^2\})$	147456
24	$\mathcal{O}(1; \{3, 4, 6, 8^2, 12^2\})$	110592
24	$\mathcal{O}(1; \{2, 8^4, 12^2\})$	294912
24	$\mathcal{O}(1; \{2^2, 3^2, 4, 12^3\})$	34560
24	$\mathcal{O}(1; \{2^3, 4, 6, 12^3\})$	20736
24	$\mathcal{O}(1; \{4^3, 6, 12^3\})$	82944
24	$\mathcal{O}(1; \{3, 4, 6^2, 12^3\})$	76032
24	$\mathcal{O}(1; \{3^2, 8^2, 12^3\})$	184320
24	$\mathcal{O}(1; \{2, 6, 8^2, 12^3\})$	110592
24	$\mathcal{O}(1; \{2^3, 3, 12^4\})$	34560
24	$\mathcal{O}(1; \{3, 4^2, 12^4\})$	138240
24	$\mathcal{O}(1; \{3^2, 6, 12^4\})$	145152
24	$\mathcal{O}(1; \{2, 6^2, 12^4\})$	76032
24	$\mathcal{O}(1; \{2, 4, 12^5\})$	138240
24	$\mathcal{O}(1; \{2^4, 3^3, 8, 24\})$	13824
24	$\mathcal{O}(1; \{3^6, 8, 24\})$	96768
24	$\mathcal{O}(1; \{2, 3^3, 4^2, 8, 24\})$	55296
24	$\mathcal{O}(1; \{2^5, 3, 6, 8, 24\})$	4608
24	$\mathcal{O}(1; \{2, 3^4, 6, 8, 24\})$	50688
24	$\mathcal{O}(1; \{2^2, 3, 4^2, 6, 8, 24\})$	18432
24	$\mathcal{O}(1; \{2^2, 3^2, 6^2, 8, 24\})$	23040
24	$\mathcal{O}(1; \{2^3, 6^3, 8, 24\})$	13824
24	$\mathcal{O}(1; \{4^2, 6^3, 8, 24\})$	55296
24	$\mathcal{O}(1; \{3, 6^4, 8, 24\})$	50688
24	$\mathcal{O}(1; \{3, 4, 6, 8^3, 24\})$	147456
24	$\mathcal{O}(1; \{2^2, 3^2, 4, 8, 12, 24\})$	55296
24	$\mathcal{O}(1; \{2^3, 4, 6, 8, 12, 24\})$	18432
24	$\mathcal{O}(1; \{4^3, 6, 8, 12, 24\})$	73728
24	$\mathcal{O}(1; \{3, 4, 6^2, 8, 12, 24\})$	92160
24	$\mathcal{O}(1; \{3^2, 8^3, 12, 24\})$	442368
24	$\mathcal{O}(1; \{2, 6, 8^3, 12, 24\})$	147456
24	$\mathcal{O}(1; \{2^3, 3, 8, 12^2, 24\})$	55296
24	$\mathcal{O}(1; \{3, 4^2, 8, 12^2, 24\})$	221184
24	$\mathcal{O}(1; \{3^2, 6, 8, 12^2, 24\})$	202752
24	$\mathcal{O}(1; \{2, 6^2, 8, 12^2, 24\})$	92160
24	$\mathcal{O}(1; \{2, 4, 8, 12^3, 24\})$	221184
24	$\mathcal{O}(1; \{2^5, 3, 4, 24^2\})$	9216
24	$\mathcal{O}(1; \{2, 3^4, 4, 24^2\})$	101376

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^2, 3, 4^3, 24^2\})$	36864
24	$\mathcal{O}(1; \{2^2, 3^2, 4, 6, 24^2\})$	46080
24	$\mathcal{O}(1; \{2^3, 4, 6^2, 24^2\})$	27648
24	$\mathcal{O}(1; \{4^3, 6^2, 24^2\})$	110592
24	$\mathcal{O}(1; \{3, 4, 6^3, 24^2\})$	101376
24	$\mathcal{O}(1; \{2^3, 3, 8^2, 24^2\})$	73728
24	$\mathcal{O}(1; \{3, 4^2, 8^2, 24^2\})$	294912
24	$\mathcal{O}(1; \{3^2, 6, 8^2, 24^2\})$	368640
24	$\mathcal{O}(1; \{2, 6^2, 8^2, 24^2\})$	221184
24	$\mathcal{O}(1; \{2^6, 12, 24^2\})$	9216
24	$\mathcal{O}(1; \{2^2, 3^3, 12, 24^2\})$	101376
24	$\mathcal{O}(1; \{2^3, 4^2, 12, 24^2\})$	36864
24	$\mathcal{O}(1; \{4^4, 12, 24^2\})$	147456
24	$\mathcal{O}(1; \{2^3, 3, 6, 12, 24^2\})$	46080
24	$\mathcal{O}(1; \{3, 4^2, 6, 12, 24^2\})$	184320
24	$\mathcal{O}(1; \{3^2, 6^2, 12, 24^2\})$	193536
24	$\mathcal{O}(1; \{2, 6^3, 12, 24^2\})$	101376
24	$\mathcal{O}(1; \{2, 4, 8^2, 12, 24^2\})$	294912
24	$\mathcal{O}(1; \{3^2, 4, 12^2, 24^2\})$	405504
24	$\mathcal{O}(1; \{2, 4, 6, 12^2, 24^2\})$	184320
24	$\mathcal{O}(1; \{2, 3, 12^3, 24^2\})$	405504
24	$\mathcal{O}(1; \{3^2, 4, 8, 24^3\})$	737280
24	$\mathcal{O}(1; \{2, 4, 6, 8, 24^3\})$	442368
24	$\mathcal{O}(1; \{2, 3, 8, 12, 24^3\})$	737280
24	$\mathcal{O}(1; \{2^4, 24^4\})$	221184
24	$\mathcal{O}(1; \{3^3, 24^4\})$	1548288
24	$\mathcal{O}(1; \{2, 4^2, 24^4\})$	884736
24	$\mathcal{O}(1; \{2, 3, 6, 24^4\})$	811008
24	$\mathcal{O}(0; \{2^8, 3^2, 4, 8^2\})$	16
24	$\mathcal{O}(0; \{2^4, 3^5, 4, 8^2\})$	80
24	$\mathcal{O}(0; \{3^8, 4, 8^2\})$	688
24	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 8^2\})$	64
24	$\mathcal{O}(0; \{2, 3^5, 4^3, 8^2\})$	320
24	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 8^2\})$	256
24	$\mathcal{O}(0; \{2^5, 3^3, 4, 6, 8^2\})$	48
24	$\mathcal{O}(0; \{2, 3^6, 4, 6, 8^2\})$	336
24	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6, 8^2\})$	192
24	$\mathcal{O}(0; \{2^6, 3, 4, 6^2, 8^2\})$	16
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^2, 8^2\})$	176
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^2, 8^2\})$	64
24	$\mathcal{O}(0; \{3, 4^5, 6^2, 8^2\})$	256
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^3, 8^2\})$	80
24	$\mathcal{O}(0; \{3^2, 4^3, 6^3, 8^2\})$	320

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 4, 6^4, 8^2\})$	48
24	$\mathcal{O}(0; \{3^3, 4, 6^4, 8^2\})$	336
24	$\mathcal{O}(0; \{2, 4^3, 6^4, 8^2\})$	192
24	$\mathcal{O}(0; \{2, 3, 4, 6^5, 8^2\})$	176
24	$\mathcal{O}(0; \{2^6, 3^2, 8^4\})$	128
24	$\mathcal{O}(0; \{2^2, 3^5, 8^4\})$	640
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 8^4\})$	512
24	$\mathcal{O}(0; \{3^2, 4^4, 8^4\})$	2048
24	$\mathcal{O}(0; \{2^3, 3^3, 6, 8^4\})$	384
24	$\mathcal{O}(0; \{3^3, 4^2, 6, 8^4\})$	1536
24	$\mathcal{O}(0; \{2^4, 3, 6^2, 8^4\})$	128
24	$\mathcal{O}(0; \{3^4, 6^2, 8^4\})$	1408
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^2, 8^4\})$	512
24	$\mathcal{O}(0; \{2, 3^2, 6^3, 8^4\})$	640
24	$\mathcal{O}(0; \{2^2, 6^4, 8^4\})$	384
24	$\mathcal{O}(0; \{2, 3^2, 4, 8^6\})$	4096
24	$\mathcal{O}(0; \{2^9, 3, 8^2, 12\})$	16
24	$\mathcal{O}(0; \{2^5, 3^4, 8^2, 12\})$	80
24	$\mathcal{O}(0; \{2, 3^7, 8^2, 12\})$	688
24	$\mathcal{O}(0; \{2^6, 3, 4^2, 8^2, 12\})$	64
24	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 8^2, 12\})$	320
24	$\mathcal{O}(0; \{2^3, 3, 4^4, 8^2, 12\})$	256
24	$\mathcal{O}(0; \{3, 4^6, 8^2, 12\})$	1024
24	$\mathcal{O}(0; \{2^6, 3^2, 6, 8^2, 12\})$	48
24	$\mathcal{O}(0; \{2^2, 3^5, 6, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6, 8^2, 12\})$	192
24	$\mathcal{O}(0; \{3^2, 4^4, 6, 8^2, 12\})$	768
24	$\mathcal{O}(0; \{2^7, 6^2, 8^2, 12\})$	16
24	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 8^2, 12\})$	176
24	$\mathcal{O}(0; \{2^4, 4^2, 6^2, 8^2, 12\})$	64
24	$\mathcal{O}(0; \{3^3, 4^2, 6^2, 8^2, 12\})$	704
24	$\mathcal{O}(0; \{2, 4^4, 6^2, 8^2, 12\})$	256
24	$\mathcal{O}(0; \{2^4, 3, 6^3, 8^2, 12\})$	80
24	$\mathcal{O}(0; \{3^4, 6^3, 8^2, 12\})$	688
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^3, 8^2, 12\})$	320
24	$\mathcal{O}(0; \{2, 3^2, 6^4, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2^2, 6^5, 8^2, 12\})$	176
24	$\mathcal{O}(0; \{2^4, 3, 4, 8^4, 12\})$	512
24	$\mathcal{O}(0; \{3^4, 4, 8^4, 12\})$	2560
24	$\mathcal{O}(0; \{2, 3, 4^3, 8^4, 12\})$	2048
24	$\mathcal{O}(0; \{2, 3^2, 4, 6, 8^4, 12\})$	1536
24	$\mathcal{O}(0; \{2^2, 4, 6^2, 8^4, 12\})$	512
24	$\mathcal{O}(0; \{2^2, 3, 8^6, 12\})$	4096

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{6^2, 8^6, 12\})$	4096
24	$\mathcal{O}(0; \{2^7, 4, 8^2, 12^2\})$	64
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 8^2, 12^2\})$	320
24	$\mathcal{O}(0; \{2^4, 4^3, 8^2, 12^2\})$	256
24	$\mathcal{O}(0; \{3^3, 4^3, 8^2, 12^2\})$	1280
24	$\mathcal{O}(0; \{2, 4^5, 8^2, 12^2\})$	1024
24	$\mathcal{O}(0; \{2^4, 3, 4, 6, 8^2, 12^2\})$	192
24	$\mathcal{O}(0; \{3^4, 4, 6, 8^2, 12^2\})$	1344
24	$\mathcal{O}(0; \{2, 3, 4^3, 6, 8^2, 12^2\})$	768
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^2, 8^2, 12^2\})$	704
24	$\mathcal{O}(0; \{2^2, 4, 6^3, 8^2, 12^2\})$	320
24	$\mathcal{O}(0; \{2^5, 8^4, 12^2\})$	512
24	$\mathcal{O}(0; \{2, 3^3, 8^4, 12^2\})$	2560
24	$\mathcal{O}(0; \{2^2, 4^2, 8^4, 12^2\})$	2048
24	$\mathcal{O}(0; \{2^2, 3, 6, 8^4, 12^2\})$	1536
24	$\mathcal{O}(0; \{6^3, 8^4, 12^2\})$	2560
24	$\mathcal{O}(0; \{4, 8^6, 12^2\})$	16384
24	$\mathcal{O}(0; \{2^4, 3^2, 8^2, 12^3\})$	320
24	$\mathcal{O}(0; \{3^5, 8^2, 12^3\})$	2752
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 8^2, 12^3\})$	1280
24	$\mathcal{O}(0; \{2^5, 6, 8^2, 12^3\})$	192
24	$\mathcal{O}(0; \{2, 3^3, 6, 8^2, 12^3\})$	1344
24	$\mathcal{O}(0; \{2^2, 4^2, 6, 8^2, 12^3\})$	768
24	$\mathcal{O}(0; \{2^2, 3, 6^2, 8^2, 12^3\})$	704
24	$\mathcal{O}(0; \{6^4, 8^2, 12^3\})$	1344
24	$\mathcal{O}(0; \{4, 6, 8^4, 12^3\})$	6144
24	$\mathcal{O}(0; \{2^2, 3, 4, 8^2, 12^4\})$	1280
24	$\mathcal{O}(0; \{4, 6^2, 8^2, 12^4\})$	2816
24	$\mathcal{O}(0; \{3, 8^4, 12^4\})$	10240
24	$\mathcal{O}(0; \{2^3, 8^2, 12^5\})$	1280
24	$\mathcal{O}(0; \{4^2, 8^2, 12^5\})$	5120
24	$\mathcal{O}(0; \{3, 6, 8^2, 12^5\})$	5376
24	$\mathcal{O}(0; \{2^8, 3^3, 8, 24\})$	24
24	$\mathcal{O}(0; \{2^4, 3^6, 8, 24\})$	168
24	$\mathcal{O}(0; \{3^9, 8, 24\})$	1368
24	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 8, 24\})$	96
24	$\mathcal{O}(0; \{2, 3^6, 4^2, 8, 24\})$	672
24	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 8, 24\})$	384
24	$\mathcal{O}(0; \{2^9, 3, 6, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^5, 3^4, 6, 8, 24\})$	88
24	$\mathcal{O}(0; \{2, 3^7, 6, 8, 24\})$	680
24	$\mathcal{O}(0; \{2^6, 3, 4^2, 6, 8, 24\})$	32
24	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6, 8, 24\})$	352

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^3, 3, 4^4, 6, 8, 24\})$	128
24	$\mathcal{O}(0; \{3, 4^6, 6, 8, 24\})$	512
24	$\mathcal{O}(0; \{2^6, 3^2, 6^2, 8, 24\})$	40
24	$\mathcal{O}(0; \{2^2, 3^5, 6^2, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^2, 8, 24\})$	160
24	$\mathcal{O}(0; \{3^2, 4^4, 6^2, 8, 24\})$	640
24	$\mathcal{O}(0; \{2^7, 6^3, 8, 24\})$	24
24	$\mathcal{O}(0; \{2^3, 3^3, 6^3, 8, 24\})$	168
24	$\mathcal{O}(0; \{2^4, 4^2, 6^3, 8, 24\})$	96
24	$\mathcal{O}(0; \{3^3, 4^2, 6^3, 8, 24\})$	672
24	$\mathcal{O}(0; \{2, 4^4, 6^3, 8, 24\})$	384
24	$\mathcal{O}(0; \{2^4, 3, 6^4, 8, 24\})$	88
24	$\mathcal{O}(0; \{3^4, 6^4, 8, 24\})$	680
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^4, 8, 24\})$	352
24	$\mathcal{O}(0; \{2, 3^2, 6^5, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^2, 6^6, 8, 24\})$	168
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 8^3, 24\})$	768
24	$\mathcal{O}(0; \{3^3, 4^3, 8^3, 24\})$	3072
24	$\mathcal{O}(0; \{2^4, 3, 4, 6, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{3^4, 4, 6, 8^3, 24\})$	2816
24	$\mathcal{O}(0; \{2, 3, 4^3, 6, 8^3, 24\})$	1024
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^2, 8^3, 24\})$	1280
24	$\mathcal{O}(0; \{2^2, 4, 6^3, 8^3, 24\})$	768
24	$\mathcal{O}(0; \{2, 3^3, 8^5, 24\})$	6144
24	$\mathcal{O}(0; \{2^2, 3, 6, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{6^3, 8^5, 24\})$	6144
24	$\mathcal{O}(0; \{2^6, 3^2, 4, 8, 12, 24\})$	96
24	$\mathcal{O}(0; \{2^2, 3^5, 4, 8, 12, 24\})$	672
24	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 8, 12, 24\})$	384
24	$\mathcal{O}(0; \{3^2, 4^5, 8, 12, 24\})$	1536
24	$\mathcal{O}(0; \{2^7, 4, 6, 8, 12, 24\})$	32
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 6, 8, 12, 24\})$	352
24	$\mathcal{O}(0; \{2^4, 4^3, 6, 8, 12, 24\})$	128
24	$\mathcal{O}(0; \{3^3, 4^3, 6, 8, 12, 24\})$	1408
24	$\mathcal{O}(0; \{2, 4^5, 6, 8, 12, 24\})$	512
24	$\mathcal{O}(0; \{2^4, 3, 4, 6^2, 8, 12, 24\})$	160
24	$\mathcal{O}(0; \{3^4, 4, 6^2, 8, 12, 24\})$	1376
24	$\mathcal{O}(0; \{2, 3, 4^3, 6^2, 8, 12, 24\})$	640
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^3, 8, 12, 24\})$	672
24	$\mathcal{O}(0; \{2^2, 4, 6^4, 8, 12, 24\})$	352
24	$\mathcal{O}(0; \{2^4, 3^2, 8^3, 12, 24\})$	768
24	$\mathcal{O}(0; \{3^5, 8^3, 12, 24\})$	5376
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 8^3, 12, 24\})$	3072

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^5, 6, 8^3, 12, 24\})$	256
24	$\mathcal{O}(0; \{2, 3^3, 6, 8^3, 12, 24\})$	2816
24	$\mathcal{O}(0; \{2^2, 4^2, 6, 8^3, 12, 24\})$	1024
24	$\mathcal{O}(0; \{2^2, 3, 6^2, 8^3, 12, 24\})$	1280
24	$\mathcal{O}(0; \{6^4, 8^3, 12, 24\})$	2816
24	$\mathcal{O}(0; \{4, 6, 8^5, 12, 24\})$	8192
24	$\mathcal{O}(0; \{2^7, 3, 8, 12^2, 24\})$	96
24	$\mathcal{O}(0; \{2^3, 3^4, 8, 12^2, 24\})$	672
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 8, 12^2, 24\})$	384
24	$\mathcal{O}(0; \{3^4, 4^2, 8, 12^2, 24\})$	2688
24	$\mathcal{O}(0; \{2, 3, 4^4, 8, 12^2, 24\})$	1536
24	$\mathcal{O}(0; \{2^4, 3^2, 6, 8, 12^2, 24\})$	352
24	$\mathcal{O}(0; \{3^5, 6, 8, 12^2, 24\})$	2720
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6, 8, 12^2, 24\})$	1408
24	$\mathcal{O}(0; \{2^5, 6^2, 8, 12^2, 24\})$	160
24	$\mathcal{O}(0; \{2, 3^3, 6^2, 8, 12^2, 24\})$	1376
24	$\mathcal{O}(0; \{2^2, 4^2, 6^2, 8, 12^2, 24\})$	640
24	$\mathcal{O}(0; \{2^2, 3, 6^3, 8, 12^2, 24\})$	672
24	$\mathcal{O}(0; \{6^5, 8, 12^2, 24\})$	1376
24	$\mathcal{O}(0; \{2^2, 3, 4, 8^3, 12^2, 24\})$	3072
24	$\mathcal{O}(0; \{4, 6^2, 8^3, 12^2, 24\})$	5120
24	$\mathcal{O}(0; \{3, 8^5, 12^2, 24\})$	24576
24	$\mathcal{O}(0; \{2^5, 4, 8, 12^3, 24\})$	384
24	$\mathcal{O}(0; \{2, 3^3, 4, 8, 12^3, 24\})$	2688
24	$\mathcal{O}(0; \{2^2, 4^3, 8, 12^3, 24\})$	1536
24	$\mathcal{O}(0; \{2^2, 3, 4, 6, 8, 12^3, 24\})$	1408
24	$\mathcal{O}(0; \{4, 6^3, 8, 12^3, 24\})$	2688
24	$\mathcal{O}(0; \{2^3, 8^3, 12^3, 24\})$	3072
24	$\mathcal{O}(0; \{4^2, 8^3, 12^3, 24\})$	12288
24	$\mathcal{O}(0; \{3, 6, 8^3, 12^3, 24\})$	11264
24	$\mathcal{O}(0; \{2^2, 3^2, 8, 12^4, 24\})$	2688
24	$\mathcal{O}(0; \{2^3, 6, 8, 12^4, 24\})$	1408
24	$\mathcal{O}(0; \{4^2, 6, 8, 12^4, 24\})$	5632
24	$\mathcal{O}(0; \{3, 6^2, 8, 12^4, 24\})$	5504
24	$\mathcal{O}(0; \{3, 4, 8, 12^5, 24\})$	10752
24	$\mathcal{O}(0; \{2, 8, 12^6, 24\})$	10752
24	$\mathcal{O}(0; \{2^9, 3, 4, 24^2\})$	16
24	$\mathcal{O}(0; \{2^5, 3^4, 4, 24^2\})$	176
24	$\mathcal{O}(0; \{2, 3^7, 4, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^6, 3, 4^3, 24^2\})$	64
24	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 24^2\})$	704
24	$\mathcal{O}(0; \{2^3, 3, 4^5, 24^2\})$	256
24	$\mathcal{O}(0; \{3, 4^7, 24^2\})$	1024

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^6, 3^2, 4, 6, 24^2\})$	80
24	$\mathcal{O}(0; \{2^2, 3^5, 4, 6, 24^2\})$	688
24	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6, 24^2\})$	320
24	$\mathcal{O}(0; \{3^2, 4^5, 6, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^7, 4, 6^2, 24^2\})$	48
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^2, 24^2\})$	336
24	$\mathcal{O}(0; \{2^4, 4^3, 6^2, 24^2\})$	192
24	$\mathcal{O}(0; \{3^3, 4^3, 6^2, 24^2\})$	1344
24	$\mathcal{O}(0; \{2, 4^5, 6^2, 24^2\})$	768
24	$\mathcal{O}(0; \{2^4, 3, 4, 6^3, 24^2\})$	176
24	$\mathcal{O}(0; \{3^4, 4, 6^3, 24^2\})$	1360
24	$\mathcal{O}(0; \{2, 3, 4^3, 6^3, 24^2\})$	704
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^4, 24^2\})$	688
24	$\mathcal{O}(0; \{2^2, 4, 6^5, 24^2\})$	336
24	$\mathcal{O}(0; \{2^7, 3, 8^2, 24^2\})$	128
24	$\mathcal{O}(0; \{2^3, 3^4, 8^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 8^2, 24^2\})$	512
24	$\mathcal{O}(0; \{3^4, 4^2, 8^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{2, 3, 4^4, 8^2, 24^2\})$	2048
24	$\mathcal{O}(0; \{2^4, 3^2, 6, 8^2, 24^2\})$	640
24	$\mathcal{O}(0; \{3^5, 6, 8^2, 24^2\})$	5504
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6, 8^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^5, 6^2, 8^2, 24^2\})$	384
24	$\mathcal{O}(0; \{2, 3^3, 6^2, 8^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^2, 4^2, 6^2, 8^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^2, 3, 6^3, 8^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{6^5, 8^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^2, 3, 4, 8^4, 24^2\})$	4096
24	$\mathcal{O}(0; \{4, 6^2, 8^4, 24^2\})$	12288
24	$\mathcal{O}(0; \{3, 8^6, 24^2\})$	32768
24	$\mathcal{O}(0; \{2^{10}, 12, 24^2\})$	16
24	$\mathcal{O}(0; \{2^6, 3^3, 12, 24^2\})$	176
24	$\mathcal{O}(0; \{2^2, 3^6, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^7, 4^2, 12, 24^2\})$	64
24	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 12, 24^2\})$	704
24	$\mathcal{O}(0; \{2^4, 4^4, 12, 24^2\})$	256
24	$\mathcal{O}(0; \{3^3, 4^4, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{2, 4^6, 12, 24^2\})$	1024
24	$\mathcal{O}(0; \{2^7, 3, 6, 12, 24^2\})$	80
24	$\mathcal{O}(0; \{2^3, 3^4, 6, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 6, 12, 24^2\})$	320
24	$\mathcal{O}(0; \{3^4, 4^2, 6, 12, 24^2\})$	2752
24	$\mathcal{O}(0; \{2, 3, 4^4, 6, 12, 24^2\})$	1280

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 12, 24^2\})$	336
24	$\mathcal{O}(0; \{3^5, 6^2, 12, 24^2\})$	2736
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^2, 12, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^5, 6^3, 12, 24^2\})$	176
24	$\mathcal{O}(0; \{2, 3^3, 6^3, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^2, 4^2, 6^3, 12, 24^2\})$	704
24	$\mathcal{O}(0; \{2^2, 3, 6^4, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{6^6, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^5, 4, 8^2, 12, 24^2\})$	512
24	$\mathcal{O}(0; \{2, 3^3, 4, 8^2, 12, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^2, 4^3, 8^2, 12, 24^2\})$	2048
24	$\mathcal{O}(0; \{2^2, 3, 4, 6, 8^2, 12, 24^2\})$	2560
24	$\mathcal{O}(0; \{4, 6^3, 8^2, 12, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^3, 8^4, 12, 24^2\})$	4096
24	$\mathcal{O}(0; \{4^2, 8^4, 12, 24^2\})$	16384
24	$\mathcal{O}(0; \{3, 6, 8^4, 12, 24^2\})$	20480
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 12^2, 24^2\})$	704
24	$\mathcal{O}(0; \{3^5, 4, 12^2, 24^2\})$	5440
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 12^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^5, 4, 6, 12^2, 24^2\})$	320
24	$\mathcal{O}(0; \{2, 3^3, 4, 6, 12^2, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^2, 4^3, 6, 12^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^2, 12^2, 24^2\})$	1344
24	$\mathcal{O}(0; \{4, 6^4, 12^2, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^2, 3^2, 8^2, 12^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^3, 6, 8^2, 12^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{4^2, 6, 8^2, 12^2, 24^2\})$	10240
24	$\mathcal{O}(0; \{3, 6^2, 8^2, 12^2, 24^2\})$	10752
24	$\mathcal{O}(0; \{2^5, 3, 12^3, 24^2\})$	704
24	$\mathcal{O}(0; \{2, 3^4, 12^3, 24^2\})$	5440
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 12^3, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^2, 3^2, 6, 12^3, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^3, 6^2, 12^3, 24^2\})$	1344
24	$\mathcal{O}(0; \{4^2, 6^2, 12^3, 24^2\})$	5376
24	$\mathcal{O}(0; \{3, 6^3, 12^3, 24^2\})$	5440
24	$\mathcal{O}(0; \{3, 4, 8^2, 12^3, 24^2\})$	22528
24	$\mathcal{O}(0; \{2^3, 4, 12^4, 24^2\})$	2816
24	$\mathcal{O}(0; \{4^3, 12^4, 24^2\})$	11264
24	$\mathcal{O}(0; \{3, 4, 6, 12^4, 24^2\})$	11008
24	$\mathcal{O}(0; \{2, 8^2, 12^4, 24^2\})$	22528
24	$\mathcal{O}(0; \{3^2, 12^5, 24^2\})$	21760
24	$\mathcal{O}(0; \{2, 6, 12^5, 24^2\})$	11008
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 8, 24^3\})$	1280

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^5, 4, 8, 24^3\})$	11008
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 8, 24^3\})$	5120
24	$\mathcal{O}(0; \{2^5, 4, 6, 8, 24^3\})$	768
24	$\mathcal{O}(0; \{2, 3^3, 4, 6, 8, 24^3\})$	5376
24	$\mathcal{O}(0; \{2^2, 4^3, 6, 8, 24^3\})$	3072
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^2, 8, 24^3\})$	2816
24	$\mathcal{O}(0; \{4, 6^4, 8, 24^3\})$	5376
24	$\mathcal{O}(0; \{2^2, 3^2, 8^3, 24^3\})$	10240
24	$\mathcal{O}(0; \{2^3, 6, 8^3, 24^3\})$	6144
24	$\mathcal{O}(0; \{4^2, 6, 8^3, 24^3\})$	24576
24	$\mathcal{O}(0; \{3, 6^2, 8^3, 24^3\})$	22528
24	$\mathcal{O}(0; \{2^5, 3, 8, 12, 24^3\})$	1280
24	$\mathcal{O}(0; \{2, 3^4, 8, 12, 24^3\})$	11008
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 8, 12, 24^3\})$	5120
24	$\mathcal{O}(0; \{2^2, 3^2, 6, 8, 12, 24^3\})$	5376
24	$\mathcal{O}(0; \{2^3, 6^2, 8, 12, 24^3\})$	2816
24	$\mathcal{O}(0; \{4^2, 6^2, 8, 12, 24^3\})$	11264
24	$\mathcal{O}(0; \{3, 6^3, 8, 12, 24^3\})$	11008
24	$\mathcal{O}(0; \{3, 4, 8^3, 12, 24^3\})$	40960
24	$\mathcal{O}(0; \{2^3, 4, 8, 12^2, 24^3\})$	5120
24	$\mathcal{O}(0; \{4^3, 8, 12^2, 24^3\})$	20480
24	$\mathcal{O}(0; \{3, 4, 6, 8, 12^2, 24^3\})$	21504
24	$\mathcal{O}(0; \{2, 8^3, 12^2, 24^3\})$	40960
24	$\mathcal{O}(0; \{3^2, 8, 12^3, 24^3\})$	44032
24	$\mathcal{O}(0; \{2, 6, 8, 12^3, 24^3\})$	21504
24	$\mathcal{O}(0; \{2^8, 24^4\})$	384
24	$\mathcal{O}(0; \{2^4, 3^3, 24^4\})$	2688
24	$\mathcal{O}(0; \{3^6, 24^4\})$	21888
24	$\mathcal{O}(0; \{2^5, 4^2, 24^4\})$	1536
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 24^4\})$	10752
24	$\mathcal{O}(0; \{2^2, 4^4, 24^4\})$	6144
24	$\mathcal{O}(0; \{2^5, 3, 6, 24^4\})$	1408
24	$\mathcal{O}(0; \{2, 3^4, 6, 24^4\})$	10880
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 24^4\})$	5632
24	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 24^4\})$	5504
24	$\mathcal{O}(0; \{2^3, 6^3, 24^4\})$	2688
24	$\mathcal{O}(0; \{4^2, 6^3, 24^4\})$	10752
24	$\mathcal{O}(0; \{3, 6^4, 24^4\})$	10880
24	$\mathcal{O}(0; \{2^3, 4, 8^2, 24^4\})$	12288
24	$\mathcal{O}(0; \{4^3, 8^2, 24^4\})$	49152
24	$\mathcal{O}(0; \{3, 4, 6, 8^2, 24^4\})$	45056
24	$\mathcal{O}(0; \{2, 8^4, 24^4\})$	98304
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 12, 24^4\})$	10752

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^3, 4, 6, 12, 24^4\})$	5632
24	$\mathcal{O}(0; \{4^3, 6, 12, 24^4\})$	22528
24	$\mathcal{O}(0; \{3, 4, 6^2, 12, 24^4\})$	22016
24	$\mathcal{O}(0; \{3^2, 8^2, 12, 24^4\})$	86016
24	$\mathcal{O}(0; \{2, 6, 8^2, 12, 24^4\})$	45056
24	$\mathcal{O}(0; \{2^3, 3, 12^2, 24^4\})$	10752
24	$\mathcal{O}(0; \{3, 4^2, 12^2, 24^4\})$	43008
24	$\mathcal{O}(0; \{3^2, 6, 12^2, 24^4\})$	43520
24	$\mathcal{O}(0; \{2, 6^2, 12^2, 24^4\})$	22016
24	$\mathcal{O}(0; \{2, 4, 12^3, 24^4\})$	43008
24	$\mathcal{O}(0; \{2^3, 3, 8, 24^5\})$	22528
24	$\mathcal{O}(0; \{3, 4^2, 8, 24^5\})$	90112
24	$\mathcal{O}(0; \{3^2, 6, 8, 24^5\})$	88064
24	$\mathcal{O}(0; \{2, 6^2, 8, 24^5\})$	43008
24	$\mathcal{O}(0; \{2, 4, 8, 12, 24^5\})$	90112
24	$\mathcal{O}(0; \{3^2, 4, 24^6\})$	176128
24	$\mathcal{O}(0; \{2, 4, 6, 24^6\})$	86016
24	$\mathcal{O}(0; \{2, 3, 12, 24^6\})$	176128
25	$\mathcal{O}(3; \{5^2\})$	976500000
25	$\mathcal{O}(1; \{5^7\})$	1965600
25	$\mathcal{O}(1; \{5, 25^5\})$	318750000
26	$\mathcal{O}(2; \{2^3, 13, 26\})$	5483712
26	$\mathcal{O}(2; \{2, 26^3\})$	60320832
26	$\mathcal{O}(1; \{2^7, 13, 26\})$	8112
26	$\mathcal{O}(1; \{2^5, 26^3\})$	89232
26	$\mathcal{O}(0; \{2^{11}, 13, 26\})$	12
26	$\mathcal{O}(0; \{2^9, 26^3\})$	132
27	$\mathcal{O}(1; \{3^2, 27^4\})$	12754584
27	$\mathcal{O}(0; \{3^5, 27^4\})$	139968
27	$\mathcal{O}(0; \{3, 9^3, 27^4\})$	1889568
28	$\mathcal{O}(3; \{2^2\})$	474356736
28	$\mathcal{O}(2; \{2^6\})$	576000
28	$\mathcal{O}(2; \{2^3, 4^2\})$	1228800
28	$\mathcal{O}(2; \{4^4\})$	4915200
28	$\mathcal{O}(1; \{2^{10}\})$	576
28	$\mathcal{O}(1; \{2^7, 4^2\})$	1536
28	$\mathcal{O}(1; \{2^4, 4^4\})$	6144
28	$\mathcal{O}(1; \{2, 4^6\})$	24576
28	$\mathcal{O}(1; \{2^3, 7^3, 14\})$	109368
28	$\mathcal{O}(1; \{4^2, 7^3, 14\})$	291648
28	$\mathcal{O}(1; \{2, 7^2, 14^3\})$	652680
28	$\mathcal{O}(1; \{2^3, 4, 7, 14, 28\})$	47040
28	$\mathcal{O}(1; \{4^3, 7, 14, 28\})$	188160

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(1; \{2, 4, 14^3, 28\})$	291648
28	$\mathcal{O}(1; \{2, 7^3, 28^2\})$	1740480
28	$\mathcal{O}(1; \{2, 4, 7, 28^3\})$	1166592
28	$\mathcal{O}(0; \{2^4, 4^2, 7^3, 14\})$	372
28	$\mathcal{O}(0; \{2, 4^4, 7^3, 14\})$	1488
28	$\mathcal{O}(0; \{2^2, 4^2, 7^2, 14^3\})$	2220
28	$\mathcal{O}(0; \{4^2, 7, 14^5\})$	13332
28	$\mathcal{O}(0; \{2^2, 4, 7^5, 28\})$	13332
28	$\mathcal{O}(0; \{2^7, 4, 7, 14, 28\})$	60
28	$\mathcal{O}(0; \{2^4, 4^3, 7, 14, 28\})$	240
28	$\mathcal{O}(0; \{2, 4^5, 7, 14, 28\})$	960
28	$\mathcal{O}(0; \{4, 7^4, 14^2, 28\})$	79980
28	$\mathcal{O}(0; \{2^5, 4, 14^3, 28\})$	372
28	$\mathcal{O}(0; \{2^2, 4^3, 14^3, 28\})$	1488
28	$\mathcal{O}(0; \{2^5, 7^3, 28^2\})$	2220
28	$\mathcal{O}(0; \{2^2, 4^2, 7^3, 28^2\})$	8880
28	$\mathcal{O}(0; \{2^3, 7^2, 14^2, 28^2\})$	13332
28	$\mathcal{O}(0; \{4^2, 7^2, 14^2, 28^2\})$	53328
28	$\mathcal{O}(0; \{2, 7, 14^4, 28^2\})$	79980
28	$\mathcal{O}(0; \{2^5, 4, 7, 28^3\})$	1488
28	$\mathcal{O}(0; \{2^2, 4^3, 7, 28^3\})$	5952
28	$\mathcal{O}(0; \{2^3, 4, 14^2, 28^3\})$	8880
28	$\mathcal{O}(0; \{4^3, 14^2, 28^3\})$	35520
28	$\mathcal{O}(0; \{2, 7^2, 14, 28^4\})$	319920
28	$\mathcal{O}(0; \{2, 4, 14, 28^5\})$	213312
29	$\mathcal{O}(1; \{29^5\})$	499099860
30	$\mathcal{O}(2; \{3^4\})$	4548960
30	$\mathcal{O}(2; \{2, 3^2, 6\})$	1617408
30	$\mathcal{O}(2; \{2^2, 6^2\})$	1617408
30	$\mathcal{O}(2; \{6, 10, 15\})$	6480000
30	$\mathcal{O}(2; \{5, 15^2\})$	18225000
30	$\mathcal{O}(1; \{2^4, 3^4\})$	5184
30	$\mathcal{O}(1; \{3^7\})$	27216
30	$\mathcal{O}(1; \{2^5, 3^2, 6\})$	1728
30	$\mathcal{O}(1; \{2, 3^5, 6\})$	19008
30	$\mathcal{O}(1; \{2^6, 6^2\})$	1728
30	$\mathcal{O}(1; \{2^2, 3^3, 6^2\})$	8640
30	$\mathcal{O}(1; \{2^3, 3, 6^3\})$	5184
30	$\mathcal{O}(1; \{3^2, 6^4\})$	19008
30	$\mathcal{O}(1; \{2, 6^5\})$	8640
30	$\mathcal{O}(1; \{3^2, 5^2, 6, 10\})$	21600
30	$\mathcal{O}(1; \{2, 5^2, 6^2, 10\})$	21600
30	$\mathcal{O}(1; \{3^2, 5^3, 15\})$	70200

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{2, 5^3, 6, 15\})$	93600
30	$\mathcal{O}(1; \{2^3, 3^2, 10, 15\})$	7200
30	$\mathcal{O}(1; \{2^4, 6, 10, 15\})$	7200
30	$\mathcal{O}(1; \{3^3, 6, 10, 15\})$	36000
30	$\mathcal{O}(1; \{2, 3, 6^2, 10, 15\})$	21600
30	$\mathcal{O}(1; \{2^4, 5, 15^2\})$	21600
30	$\mathcal{O}(1; \{3^3, 5, 15^2\})$	81000
30	$\mathcal{O}(1; \{2, 3, 5, 6, 15^2\})$	64800
30	$\mathcal{O}(1; \{2^2, 10^2, 15^2\})$	93600
30	$\mathcal{O}(1; \{15^5\})$	1377000
30	$\mathcal{O}(1; \{3^3, 5, 10, 30\})$	64800
30	$\mathcal{O}(1; \{2, 3, 5, 6, 10, 30\})$	21600
30	$\mathcal{O}(1; \{2, 3, 5^2, 15, 30\})$	93600
30	$\mathcal{O}(1; \{2, 3^2, 15^2, 30\})$	108000
30	$\mathcal{O}(1; \{2^2, 6, 15^2, 30\})$	64800
30	$\mathcal{O}(1; \{10, 15^3, 30\})$	1101600
30	$\mathcal{O}(1; \{2, 3^2, 10, 30^2\})$	64800
30	$\mathcal{O}(1; \{2^2, 6, 10, 30^2\})$	21600
30	$\mathcal{O}(1; \{2^2, 5, 15, 30^2\})$	93600
30	$\mathcal{O}(1; \{10^2, 15, 30^2\})$	367200
30	$\mathcal{O}(1; \{6, 15, 30^3\})$	468000
30	$\mathcal{O}(1; \{5, 30^4\})$	1101600
30	$\mathcal{O}(0; \{2, 3^2, 5^5, 6\})$	408
30	$\mathcal{O}(0; \{2^2, 5^5, 6^2\})$	408
30	$\mathcal{O}(0; \{2^3, 3^4, 5^2, 10\})$	72
30	$\mathcal{O}(0; \{2^4, 3^2, 5^2, 6, 10\})$	24
30	$\mathcal{O}(0; \{3^5, 5^2, 6, 10\})$	264
30	$\mathcal{O}(0; \{2^5, 5^2, 6^2, 10\})$	24
30	$\mathcal{O}(0; \{2, 3^3, 5^2, 6^2, 10\})$	120
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 6^3, 10\})$	72
30	$\mathcal{O}(0; \{5^2, 6^5, 10\})$	120
30	$\mathcal{O}(0; \{5^4, 6^2, 10^2\})$	1640
30	$\mathcal{O}(0; \{2, 3^4, 5, 10^3\})$	312
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 6, 10^3\})$	104
30	$\mathcal{O}(0; \{2^3, 5, 6^2, 10^3\})$	104
30	$\mathcal{O}(0; \{3, 5, 6^3, 10^3\})$	312
30	$\mathcal{O}(0; \{3^2, 6, 10^5\})$	408
30	$\mathcal{O}(0; \{2, 6^2, 10^5\})$	408
30	$\mathcal{O}(0; \{2^4, 3^2, 5^3, 15\})$	104
30	$\mathcal{O}(0; \{2^5, 5^3, 6, 15\})$	104
30	$\mathcal{O}(0; \{2, 3^3, 5^3, 6, 15\})$	520
30	$\mathcal{O}(0; \{2^2, 3, 5^3, 6^2, 15\})$	312
30	$\mathcal{O}(0; \{5^3, 6^4, 15\})$	520

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^7, 3^2, 10, 15\})$	8
30	$\mathcal{O}(0; \{2^3, 3^5, 10, 15\})$	88
30	$\mathcal{O}(0; \{2^8, 6, 10, 15\})$	8
30	$\mathcal{O}(0; \{2^4, 3^3, 6, 10, 15\})$	40
30	$\mathcal{O}(0; \{3^6, 6, 10, 15\})$	344
30	$\mathcal{O}(0; \{5^5, 6, 10, 15\})$	6552
30	$\mathcal{O}(0; \{2^5, 3, 6^2, 10, 15\})$	24
30	$\mathcal{O}(0; \{2, 3^4, 6^2, 10, 15\})$	168
30	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 10, 15\})$	88
30	$\mathcal{O}(0; \{2^3, 6^4, 10, 15\})$	40
30	$\mathcal{O}(0; \{3, 6^5, 10, 15\})$	168
30	$\mathcal{O}(0; \{2^2, 3^2, 5^2, 10^2, 15\})$	408
30	$\mathcal{O}(0; \{2^3, 5^2, 6, 10^2, 15\})$	408
30	$\mathcal{O}(0; \{3, 5^2, 6^2, 10^2, 15\})$	1224
30	$\mathcal{O}(0; \{3^2, 5, 10^4, 15\})$	1640
30	$\mathcal{O}(0; \{2, 5, 6, 10^4, 15\})$	1640
30	$\mathcal{O}(0; \{2^8, 5, 15^2\})$	24
30	$\mathcal{O}(0; \{2^4, 3^3, 5, 15^2\})$	120
30	$\mathcal{O}(0; \{2^5, 3, 5, 6, 15^2\})$	72
30	$\mathcal{O}(0; \{2, 3^4, 5, 6, 15^2\})$	504
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 6^2, 15^2\})$	264
30	$\mathcal{O}(0; \{2^3, 5, 6^3, 15^2\})$	120
30	$\mathcal{O}(0; \{3, 5, 6^4, 15^2\})$	504
30	$\mathcal{O}(0; \{2^3, 5^3, 10, 15^2\})$	1640
30	$\mathcal{O}(0; \{3, 5^3, 6, 10, 15^2\})$	4920
30	$\mathcal{O}(0; \{2^6, 10^2, 15^2\})$	104
30	$\mathcal{O}(0; \{2^2, 3^3, 10^2, 15^2\})$	520
30	$\mathcal{O}(0; \{2^3, 3, 6, 10^2, 15^2\})$	312
30	$\mathcal{O}(0; \{3^2, 6^2, 10^2, 15^2\})$	1144
30	$\mathcal{O}(0; \{2, 6^3, 10^2, 15^2\})$	520
30	$\mathcal{O}(0; \{2, 5^2, 10^3, 15^2\})$	6552
30	$\mathcal{O}(0; \{2^3, 3, 5, 10, 15^3\})$	1224
30	$\mathcal{O}(0; \{3^2, 5, 6, 10, 15^3\})$	4488
30	$\mathcal{O}(0; \{2, 5, 6^2, 10, 15^3\})$	2040
30	$\mathcal{O}(0; \{2, 3, 10^3, 15^3\})$	4920
30	$\mathcal{O}(0; \{2, 5^2, 6, 15^4\})$	8200
30	$\mathcal{O}(0; \{2^4, 15^5\})$	2040
30	$\mathcal{O}(0; \{2, 3, 6, 15^5\})$	8568
30	$\mathcal{O}(0; \{2, 3^3, 5^4, 30\})$	1224
30	$\mathcal{O}(0; \{2^2, 3, 5^4, 6, 30\})$	408
30	$\mathcal{O}(0; \{5^4, 6^3, 30\})$	1224
30	$\mathcal{O}(0; \{2^4, 3^3, 5, 10, 30\})$	72
30	$\mathcal{O}(0; \{3^6, 5, 10, 30\})$	504

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^5, 3, 5, 6, 10, 30\})$	24
30	$\mathcal{O}(0; \{2, 3^4, 5, 6, 10, 30\})$	264
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 6^2, 10, 30\})$	120
30	$\mathcal{O}(0; \{2^3, 5, 6^3, 10, 30\})$	72
30	$\mathcal{O}(0; \{3, 5, 6^4, 10, 30\})$	264
30	$\mathcal{O}(0; \{3, 5^3, 6, 10^2, 30\})$	1640
30	$\mathcal{O}(0; \{2^2, 3^3, 10^3, 30\})$	312
30	$\mathcal{O}(0; \{2^3, 3, 6, 10^3, 30\})$	104
30	$\mathcal{O}(0; \{3^2, 6^2, 10^3, 30\})$	520
30	$\mathcal{O}(0; \{2, 6^3, 10^3, 30\})$	312
30	$\mathcal{O}(0; \{2^5, 3, 5^2, 15, 30\})$	104
30	$\mathcal{O}(0; \{2, 3^4, 5^2, 15, 30\})$	1144
30	$\mathcal{O}(0; \{2^2, 3^2, 5^2, 6, 15, 30\})$	520
30	$\mathcal{O}(0; \{2^3, 5^2, 6^2, 15, 30\})$	312
30	$\mathcal{O}(0; \{3, 5^2, 6^3, 15, 30\})$	1144
30	$\mathcal{O}(0; \{3, 5^4, 10, 15, 30\})$	6552
30	$\mathcal{O}(0; \{2^3, 3, 5, 10^2, 15, 30\})$	408
30	$\mathcal{O}(0; \{3^2, 5, 6, 10^2, 15, 30\})$	2040
30	$\mathcal{O}(0; \{2, 5, 6^2, 10^2, 15, 30\})$	1224
30	$\mathcal{O}(0; \{2, 3, 10^4, 15, 30\})$	1640
30	$\mathcal{O}(0; \{2^5, 3^2, 15^2, 30\})$	120
30	$\mathcal{O}(0; \{2, 3^5, 15^2, 30\})$	1032
30	$\mathcal{O}(0; \{2^6, 6, 15^2, 30\})$	72
30	$\mathcal{O}(0; \{2^2, 3^3, 6, 15^2, 30\})$	504
30	$\mathcal{O}(0; \{2^3, 3, 6^2, 15^2, 30\})$	264
30	$\mathcal{O}(0; \{3^2, 6^3, 15^2, 30\})$	1032
30	$\mathcal{O}(0; \{2, 6^4, 15^2, 30\})$	504
30	$\mathcal{O}(0; \{3^2, 5^2, 10, 15^2, 30\})$	8200
30	$\mathcal{O}(0; \{2, 5^2, 6, 10, 15^2, 30\})$	4920
30	$\mathcal{O}(0; \{2, 5^3, 15^3, 30\})$	19656
30	$\mathcal{O}(0; \{2^4, 10, 15^3, 30\})$	1224
30	$\mathcal{O}(0; \{3^3, 10, 15^3, 30\})$	8568
30	$\mathcal{O}(0; \{2, 3, 6, 10, 15^3, 30\})$	4488
30	$\mathcal{O}(0; \{2, 3, 5, 15^4, 30\})$	18040
30	$\mathcal{O}(0; \{2^2, 3^2, 5^3, 30^2\})$	1224
30	$\mathcal{O}(0; \{2^3, 5^3, 6, 30^2\})$	408
30	$\mathcal{O}(0; \{3, 5^3, 6^2, 30^2\})$	2040
30	$\mathcal{O}(0; \{2^5, 3^2, 10, 30^2\})$	72
30	$\mathcal{O}(0; \{2, 3^5, 10, 30^2\})$	504
30	$\mathcal{O}(0; \{2^6, 6, 10, 30^2\})$	24
30	$\mathcal{O}(0; \{2^2, 3^3, 6, 10, 30^2\})$	264
30	$\mathcal{O}(0; \{2^3, 3, 6^2, 10, 30^2\})$	120
30	$\mathcal{O}(0; \{3^2, 6^3, 10, 30^2\})$	504

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2, 6^4, 10, 30^2\})$	264
30	$\mathcal{O}(0; \{3^2, 5^2, 10^2, 30^2\})$	4920
30	$\mathcal{O}(0; \{2, 5^2, 6, 10^2, 30^2\})$	1640
30	$\mathcal{O}(0; \{2^6, 5, 15, 30^2\})$	104
30	$\mathcal{O}(0; \{2^2, 3^3, 5, 15, 30^2\})$	1144
30	$\mathcal{O}(0; \{2^3, 3, 5, 6, 15, 30^2\})$	520
30	$\mathcal{O}(0; \{3^2, 5, 6^2, 15, 30^2\})$	2184
30	$\mathcal{O}(0; \{2, 5, 6^3, 15, 30^2\})$	1144
30	$\mathcal{O}(0; \{2, 5^3, 10, 15, 30^2\})$	6552
30	$\mathcal{O}(0; \{2^4, 10^2, 15, 30^2\})$	408
30	$\mathcal{O}(0; \{3^3, 10^2, 15, 30^2\})$	4488
30	$\mathcal{O}(0; \{2, 3, 6, 10^2, 15, 30^2\})$	2040
30	$\mathcal{O}(0; \{2, 3, 5, 10, 15^2, 30^2\})$	8200
30	$\mathcal{O}(0; \{2^2, 15^4, 30^2\})$	18040
30	$\mathcal{O}(0; \{2^3, 3, 5^2, 30^3\})$	1224
30	$\mathcal{O}(0; \{3^2, 5^2, 6, 30^3\})$	4488
30	$\mathcal{O}(0; \{2, 5^2, 6^2, 30^3\})$	2040
30	$\mathcal{O}(0; \{2, 3, 5, 10^2, 30^3\})$	4920
30	$\mathcal{O}(0; \{2^3, 3^2, 15, 30^3\})$	1144
30	$\mathcal{O}(0; \{2^4, 6, 15, 30^3\})$	520
30	$\mathcal{O}(0; \{3^3, 6, 15, 30^3\})$	4472
30	$\mathcal{O}(0; \{2, 3, 6^2, 15, 30^3\})$	2184
30	$\mathcal{O}(0; \{2^2, 10, 15^2, 30^3\})$	8200
30	$\mathcal{O}(0; \{2^4, 5, 30^4\})$	1224
30	$\mathcal{O}(0; \{3^3, 5, 30^4\})$	8568
30	$\mathcal{O}(0; \{2, 3, 5, 6, 30^4\})$	4488
30	$\mathcal{O}(0; \{2^2, 10^2, 30^4\})$	4920
30	$\mathcal{O}(0; \{15^3, 30^4\})$	137592
30	$\mathcal{O}(0; \{2, 3^2, 30^5\})$	8568
30	$\mathcal{O}(0; \{2^2, 6, 30^5\})$	4488
30	$\mathcal{O}(0; \{10, 15, 30^5\})$	72072
32	$\mathcal{O}(2; \{2, 16^2\})$	7864320
32	$\mathcal{O}(1; \{2^5, 16^2\})$	6144
32	$\mathcal{O}(1; \{2^2, 4^2, 16^2\})$	24576
32	$\mathcal{O}(1; \{4, 8^2, 16^2\})$	196608
32	$\mathcal{O}(1; \{2^3, 16, 32^2\})$	131072
32	$\mathcal{O}(1; \{4^2, 16, 32^2\})$	524288
32	$\mathcal{O}(1; \{2, 32^4\})$	4194304
32	$\mathcal{O}(0; \{2^7, 16, 32^2\})$	128
32	$\mathcal{O}(0; \{2^4, 4^2, 16, 32^2\})$	512
32	$\mathcal{O}(0; \{2, 4^4, 16, 32^2\})$	2048
32	$\mathcal{O}(0; \{2^2, 4, 8^2, 16, 32^2\})$	4096
32	$\mathcal{O}(0; \{8^4, 16, 32^2\})$	32768

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
32	$\mathcal{O}(0; \{4, 8, 16^3, 32^2\})$	65536
32	$\mathcal{O}(0; \{2^5, 32^4\})$	4096
32	$\mathcal{O}(0; \{2^2, 4^2, 32^4\})$	16384
32	$\mathcal{O}(0; \{4, 8^2, 32^4\})$	131072
33	$\mathcal{O}(1; \{3^2, 33^3\})$	980100
33	$\mathcal{O}(0; \{3, 11^4, 33^2\})$	181820
33	$\mathcal{O}(0; \{3^5, 33^3\})$	7740
35	$\mathcal{O}(3; \emptyset)$	1838132352
35	$\mathcal{O}(1; \{5^5\})$	244800
35	$\mathcal{O}(0; \{5^2, 7^4, 35\})$	13320
35	$\mathcal{O}(0; \{5^4, 7, 35^2\})$	24600
36	$\mathcal{O}(2; \{18^2\})$	9447840
36	$\mathcal{O}(1; \{2, 3, 9^2, 18\})$	34992
36	$\mathcal{O}(1; \{2^4, 18^2\})$	5832
36	$\mathcal{O}(1; \{3^3, 18^2\})$	46656
36	$\mathcal{O}(1; \{2, 4^2, 18^2\})$	15552
36	$\mathcal{O}(1; \{2, 3, 6, 18^2\})$	23328
36	$\mathcal{O}(1; \{2^2, 18, 36^2\})$	46656
36	$\mathcal{O}(1; \{36^4\})$	1679616
36	$\mathcal{O}(0; \{4^2, 6, 9^4\})$	648
36	$\mathcal{O}(0; \{3, 4, 9^4, 12\})$	1296
36	$\mathcal{O}(0; \{2, 9^4, 12^2\})$	1296
36	$\mathcal{O}(0; \{2^2, 3, 4^2, 9^2, 18\})$	72
36	$\mathcal{O}(0; \{4^2, 6^2, 9^2, 18\})$	144
36	$\mathcal{O}(0; \{2^3, 4, 9^2, 12, 18\})$	72
36	$\mathcal{O}(0; \{4^3, 9^2, 12, 18\})$	288
36	$\mathcal{O}(0; \{3, 4, 6, 9^2, 12, 18\})$	288
36	$\mathcal{O}(0; \{3^2, 9^2, 12^2, 18\})$	576
36	$\mathcal{O}(0; \{2, 6, 9^2, 12^2, 18\})$	288
36	$\mathcal{O}(0; \{2^5, 4^2, 18^2\})$	12
36	$\mathcal{O}(0; \{2, 3^3, 4^2, 18^2\})$	96
36	$\mathcal{O}(0; \{2^2, 4^4, 18^2\})$	48
36	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 18^2\})$	48
36	$\mathcal{O}(0; \{4^2, 6^3, 18^2\})$	96
36	$\mathcal{O}(0; \{2^2, 3^2, 4, 12, 18^2\})$	96
36	$\mathcal{O}(0; \{2^3, 4, 6, 12, 18^2\})$	48
36	$\mathcal{O}(0; \{4^3, 6, 12, 18^2\})$	192
36	$\mathcal{O}(0; \{3, 4, 6^2, 12, 18^2\})$	192
36	$\mathcal{O}(0; \{2^3, 3, 12^2, 18^2\})$	96
36	$\mathcal{O}(0; \{3, 4^2, 12^2, 18^2\})$	384
36	$\mathcal{O}(0; \{3^2, 6, 12^2, 18^2\})$	384
36	$\mathcal{O}(0; \{2, 6^2, 12^2, 18^2\})$	192
36	$\mathcal{O}(0; \{2, 4, 12^3, 18^2\})$	384

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{3, 4^2, 9, 18^3\})$	648
36	$\mathcal{O}(0; \{2, 4, 9, 12, 18^3\})$	648
36	$\mathcal{O}(0; \{2^3, 4, 9^3, 36\})$	324
36	$\mathcal{O}(0; \{4^3, 9^3, 36\})$	1296
36	$\mathcal{O}(0; \{3, 4, 6, 9^3, 36\})$	1296
36	$\mathcal{O}(0; \{3^2, 9^3, 12, 36\})$	2592
36	$\mathcal{O}(0; \{2, 6, 9^3, 12, 36\})$	1296
36	$\mathcal{O}(0; \{2^2, 3^2, 4, 9, 18, 36\})$	144
36	$\mathcal{O}(0; \{2^3, 4, 6, 9, 18, 36\})$	72
36	$\mathcal{O}(0; \{4^3, 6, 9, 18, 36\})$	288
36	$\mathcal{O}(0; \{3, 4, 6^2, 9, 18, 36\})$	288
36	$\mathcal{O}(0; \{2^3, 3, 9, 12, 18, 36\})$	144
36	$\mathcal{O}(0; \{3, 4^2, 9, 12, 18, 36\})$	576
36	$\mathcal{O}(0; \{3^2, 6, 9, 12, 18, 36\})$	576
36	$\mathcal{O}(0; \{2, 6^2, 9, 12, 18, 36\})$	288
36	$\mathcal{O}(0; \{2, 4, 9, 12^2, 18, 36\})$	576
36	$\mathcal{O}(0; \{2, 4, 9^2, 18^2, 36\})$	1620
36	$\mathcal{O}(0; \{3^2, 4, 18^3, 36\})$	1296
36	$\mathcal{O}(0; \{2, 4, 6, 18^3, 36\})$	648
36	$\mathcal{O}(0; \{2, 3, 12, 18^3, 36\})$	1296
36	$\mathcal{O}(0; \{2^3, 3, 9^2, 36^2\})$	648
36	$\mathcal{O}(0; \{3, 4^2, 9^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{3^2, 6, 9^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{2, 6^2, 9^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{2, 4, 9^2, 12, 36^2\})$	2592
36	$\mathcal{O}(0; \{2^6, 18, 36^2\})$	36
36	$\mathcal{O}(0; \{2^2, 3^3, 18, 36^2\})$	288
36	$\mathcal{O}(0; \{2^3, 4^2, 18, 36^2\})$	144
36	$\mathcal{O}(0; \{4^4, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{2^3, 3, 6, 18, 36^2\})$	144
36	$\mathcal{O}(0; \{3, 4^2, 6, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{3^2, 6^2, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{2, 6^3, 18, 36^2\})$	288
36	$\mathcal{O}(0; \{3^2, 4, 12, 18, 36^2\})$	1152
36	$\mathcal{O}(0; \{2, 4, 6, 12, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{2, 3, 12^2, 18, 36^2\})$	1152
36	$\mathcal{O}(0; \{2, 3, 9, 18^2, 36^2\})$	3240
36	$\mathcal{O}(0; \{3^2, 4, 9, 36^3\})$	5184
36	$\mathcal{O}(0; \{2, 4, 6, 9, 36^3\})$	2592
36	$\mathcal{O}(0; \{2, 3, 9, 12, 36^3\})$	5184
36	$\mathcal{O}(0; \{2^4, 36^4\})$	1296
36	$\mathcal{O}(0; \{3^3, 36^4\})$	10368
36	$\mathcal{O}(0; \{2, 4^2, 36^4\})$	5184

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2, 3, 6, 36^4\})$	5184
39	$\mathcal{O}(1; \{3, 39^3\})$	1204632
39	$\mathcal{O}(0; \{3^4, 39^3\})$	5544
40	$\mathcal{O}(2; \{4^2\})$	4792320
40	$\mathcal{O}(1; \{2^4, 4^2\})$	2304
40	$\mathcal{O}(1; \{2, 4^4\})$	9216
40	$\mathcal{O}(1; \{2^2, 4, 8^2\})$	12288
40	$\mathcal{O}(1; \{8^4\})$	98304
40	$\mathcal{O}(1; \{2^2, 4, 5, 20\})$	9600
40	$\mathcal{O}(1; \{5, 8^2, 20\})$	51200
40	$\mathcal{O}(1; \{4, 10^2, 20\})$	28800
40	$\mathcal{O}(1; \{5^2, 20^2\})$	124800
40	$\mathcal{O}(1; \{4, 8, 10, 40\})$	51200
40	$\mathcal{O}(1; \{4, 5, 40^2\})$	153600
40	$\mathcal{O}(0; \{2, 4, 5^2, 8^2, 10\})$	96
40	$\mathcal{O}(0; \{2^4, 5, 8^2, 20\})$	32
40	$\mathcal{O}(0; \{2, 4^2, 5, 8^2, 20\})$	128
40	$\mathcal{O}(0; \{2^2, 8^2, 10^2, 20\})$	96
40	$\mathcal{O}(0; \{8^2, 10, 20^3\})$	1664
40	$\mathcal{O}(0; \{2, 4, 5^3, 8, 40\})$	416
40	$\mathcal{O}(0; \{2^4, 4, 8, 10, 40\})$	32
40	$\mathcal{O}(0; \{2, 4^3, 8, 10, 40\})$	128
40	$\mathcal{O}(0; \{2^2, 8^3, 10, 40\})$	256
40	$\mathcal{O}(0; \{2^2, 5, 8, 10, 20, 40\})$	416
40	$\mathcal{O}(0; \{8, 10^3, 20, 40\})$	1632
40	$\mathcal{O}(0; \{2^2, 4, 8, 20^2, 40\})$	384
40	$\mathcal{O}(0; \{8^3, 20^2, 40\})$	3072
40	$\mathcal{O}(0; \{5, 8, 20^3, 40\})$	6528
40	$\mathcal{O}(0; \{2^4, 4, 5, 40^2\})$	96
40	$\mathcal{O}(0; \{2, 4^3, 5, 40^2\})$	384
40	$\mathcal{O}(0; \{2^2, 5, 8^2, 40^2\})$	768
40	$\mathcal{O}(0; \{2^2, 4, 10^2, 40^2\})$	416
40	$\mathcal{O}(0; \{8^2, 10^2, 40^2\})$	3328
40	$\mathcal{O}(0; \{2^2, 5^2, 20, 40^2\})$	1632
40	$\mathcal{O}(0; \{5, 10^2, 20, 40^2\})$	6560
40	$\mathcal{O}(0; \{4, 10, 20^2, 40^2\})$	6528
40	$\mathcal{O}(0; \{5, 8, 10, 40^3\})$	13056
40	$\mathcal{O}(0; \{4, 8, 20, 40^3\})$	13312
40	$\mathcal{O}(0; \{5^2, 40^4\})$	52480
42	$\mathcal{O}(2; \{3^2\})$	5832000
42	$\mathcal{O}(1; \{2^4, 3^2\})$	3456
42	$\mathcal{O}(1; \{3^5\})$	12960
42	$\mathcal{O}(1; \{2, 3^3, 6\})$	10368

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(1; \{2^2, 3, 6^2\})$	3456
42	$\mathcal{O}(1; \{6^4\})$	10368
42	$\mathcal{O}(1; \{3, 7^2, 21\})$	79380
42	$\mathcal{O}(1; \{2, 14, 21^2\})$	105840
42	$\mathcal{O}(1; \{3, 6, 7, 42\})$	21168
42	$\mathcal{O}(0; \{2, 3^2, 7^3, 14\})$	372
42	$\mathcal{O}(0; \{2^4, 3, 7^2, 21\})$	60
42	$\mathcal{O}(0; \{2, 3^2, 6, 7^2, 21\})$	180
42	$\mathcal{O}(0; \{2^2, 6^2, 7^2, 21\})$	60
42	$\mathcal{O}(0; \{2^2, 3, 7, 14^2, 21\})$	372
42	$\mathcal{O}(0; \{6^2, 7, 14^2, 21\})$	372
42	$\mathcal{O}(0; \{3, 14^4, 21\})$	2220
42	$\mathcal{O}(0; \{2^5, 14, 21^2\})$	60
42	$\mathcal{O}(0; \{2, 3^3, 14, 21^2\})$	300
42	$\mathcal{O}(0; \{2^2, 3, 6, 14, 21^2\})$	180
42	$\mathcal{O}(0; \{6^3, 14, 21^2\})$	300
42	$\mathcal{O}(0; \{2^3, 3^3, 7, 42\})$	36
42	$\mathcal{O}(0; \{2^4, 3, 6, 7, 42\})$	12
42	$\mathcal{O}(0; \{3^4, 6, 7, 42\})$	132
42	$\mathcal{O}(0; \{2, 3^2, 6^2, 7, 42\})$	60
42	$\mathcal{O}(0; \{2^2, 6^3, 7, 42\})$	36
42	$\mathcal{O}(0; \{2, 3^3, 14^2, 42\})$	180
42	$\mathcal{O}(0; \{2^2, 3, 6, 14^2, 42\})$	60
42	$\mathcal{O}(0; \{6^3, 14^2, 42\})$	180
42	$\mathcal{O}(0; \{6, 7^3, 21, 42\})$	2220
42	$\mathcal{O}(0; \{3, 7, 14, 21^2, 42\})$	6660
42	$\mathcal{O}(0; \{2^3, 21^3, 42\})$	1116
42	$\mathcal{O}(0; \{3, 6, 21^3, 42\})$	4092
42	$\mathcal{O}(0; \{2^2, 3, 7^2, 42^2\})$	372
42	$\mathcal{O}(0; \{6^2, 7^2, 42^2\})$	1116
42	$\mathcal{O}(0; \{3, 7, 14^2, 42^2\})$	2220
42	$\mathcal{O}(0; \{2^3, 14, 21, 42^2\})$	372
42	$\mathcal{O}(0; \{3, 6, 14, 21, 42^2\})$	1860
42	$\mathcal{O}(0; \{2, 21^2, 42^3\})$	11100
42	$\mathcal{O}(0; \{2, 14, 42^4\})$	6660
44	$\mathcal{O}(1; \{2, 4, 22, 44\})$	38720
44	$\mathcal{O}(0; \{4^2, 11^3, 22\})$	1820
44	$\mathcal{O}(0; \{2^5, 4, 22, 44\})$	20
44	$\mathcal{O}(0; \{2^2, 4^3, 22, 44\})$	80
44	$\mathcal{O}(0; \{2, 11^3, 44^2\})$	18180
44	$\mathcal{O}(0; \{2^3, 4, 44^3\})$	720
44	$\mathcal{O}(0; \{4^3, 44^3\})$	2880
45	$\mathcal{O}(1; \{3^2, 9^2\})$	46656

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
45	$\mathcal{O}(0; \{5^3, 9^2, 15\})$	624
45	$\mathcal{O}(0; \{3, 5, 9^2, 15^2\})$	576
45	$\mathcal{O}(0; \{3, 5, 9^3, 45\})$	1296
45	$\mathcal{O}(0; \{3, 5^2, 9, 45^2\})$	1872
45	$\mathcal{O}(0; \{3^2, 9, 15, 45^2\})$	1728
48	$\mathcal{O}(1; \{2^2, 24^2\})$	13824
48	$\mathcal{O}(1; \{24, 48^2\})$	147456
48	$\mathcal{O}(0; \{3^2, 6, 8, 16^2\})$	64
48	$\mathcal{O}(0; \{2, 6^2, 8, 16^2\})$	64
48	$\mathcal{O}(0; \{3^2, 4, 16^2, 24\})$	128
48	$\mathcal{O}(0; \{2, 4, 6, 16^2, 24\})$	128
48	$\mathcal{O}(0; \{2, 3, 12, 16^2, 24\})$	128
48	$\mathcal{O}(0; \{2^2, 3^3, 16, 48\})$	48
48	$\mathcal{O}(0; \{2^3, 3, 6, 16, 48\})$	16
48	$\mathcal{O}(0; \{3, 4^2, 6, 16, 48\})$	64
48	$\mathcal{O}(0; \{3^2, 6^2, 16, 48\})$	80
48	$\mathcal{O}(0; \{2, 6^3, 16, 48\})$	48
48	$\mathcal{O}(0; \{3^2, 4, 12, 16, 48\})$	192
48	$\mathcal{O}(0; \{2, 4, 6, 12, 16, 48\})$	64
48	$\mathcal{O}(0; \{2, 3, 12^2, 16, 48\})$	192
48	$\mathcal{O}(0; \{2, 3, 8, 16, 24, 48\})$	256
48	$\mathcal{O}(0; \{3^2, 4, 8, 48^2\})$	384
48	$\mathcal{O}(0; \{2, 4, 6, 8, 48^2\})$	128
48	$\mathcal{O}(0; \{2, 3, 8, 12, 48^2\})$	384
48	$\mathcal{O}(0; \{2^4, 24, 48^2\})$	64
48	$\mathcal{O}(0; \{3^3, 24, 48^2\})$	704
48	$\mathcal{O}(0; \{2, 4^2, 24, 48^2\})$	256
48	$\mathcal{O}(0; \{2, 3, 6, 24, 48^2\})$	320
48	$\mathcal{O}(0; \{2^2, 48^4\})$	3072
50	$\mathcal{O}(1; \{2^2, 10^2\})$	9600
50	$\mathcal{O}(0; \{2^2, 10, 25^2, 50\})$	1200
50	$\mathcal{O}(0; \{10, 25, 50^3\})$	26000
52	$\mathcal{O}(1; \{4, 26, 52\})$	64896
52	$\mathcal{O}(0; \{2^4, 4, 26, 52\})$	24
52	$\mathcal{O}(0; \{2, 4^3, 26, 52\})$	96
52	$\mathcal{O}(0; \{2^2, 4, 52^3\})$	1056
54	$\mathcal{O}(1; \{3, 27^2\})$	78732
54	$\mathcal{O}(0; \{2^4, 3, 27^2\})$	36
54	$\mathcal{O}(0; \{2, 3^2, 6, 27^2\})$	144
54	$\mathcal{O}(0; \{2^2, 6^2, 27^2\})$	72
54	$\mathcal{O}(0; \{6, 9, 18, 27^2\})$	1296
54	$\mathcal{O}(0; \{2^2, 3, 27, 54^2\})$	324
54	$\mathcal{O}(0; \{6^2, 27, 54^2\})$	648

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
54	$\mathcal{O}(0; \{3, 54^4\})$	8748
55	$\mathcal{O}(0; \{5^2, 55^3\})$	18360
56	$\mathcal{O}(1; \{2^2, 4^2\})$	4608
56	$\mathcal{O}(1; \{4, 8^2\})$	24576
56	$\mathcal{O}(0; \{7, 8^2, 14, 28\})$	240
56	$\mathcal{O}(0; \{7^2, 8, 14, 56\})$	744
56	$\mathcal{O}(0; \{4, 8, 14, 28, 56\})$	480
56	$\mathcal{O}(0; \{4, 7, 14, 56^2\})$	1488
58	$\mathcal{O}(0; \{2^3, 29^2, 58\})$	756
58	$\mathcal{O}(0; \{2, 29, 58^3\})$	21196
60	$\mathcal{O}(1; \{2^2, 3^2\})$	5184
60	$\mathcal{O}(1; \{3, 6^2\})$	5184
60	$\mathcal{O}(1; \{3, 4, 12\})$	13824
60	$\mathcal{O}(1; \{2, 12^2\})$	13824
60	$\mathcal{O}(0; \{5^2, 10, 12^2\})$	48
60	$\mathcal{O}(0; \{4, 6, 10, 12, 15\})$	16
60	$\mathcal{O}(0; \{3, 10, 12^2, 15\})$	48
60	$\mathcal{O}(0; \{4, 5, 12, 15^2\})$	48
60	$\mathcal{O}(0; \{2, 3^2, 4, 5, 20\})$	16
60	$\mathcal{O}(0; \{2^2, 3, 5, 12, 20\})$	16
60	$\mathcal{O}(0; \{5, 6^2, 12, 20\})$	16
60	$\mathcal{O}(0; \{3, 10^2, 12, 20\})$	48
60	$\mathcal{O}(0; \{4, 5, 12^2, 20\})$	64
60	$\mathcal{O}(0; \{3, 6, 15, 20^2\})$	48
60	$\mathcal{O}(0; \{4, 5, 10, 12, 30\})$	48
60	$\mathcal{O}(0; \{4^2, 15^2, 30\})$	48
60	$\mathcal{O}(0; \{2^2, 3, 4, 20, 30\})$	16
60	$\mathcal{O}(0; \{4, 6^2, 20, 30\})$	16
60	$\mathcal{O}(0; \{2^3, 12, 20, 30\})$	16
60	$\mathcal{O}(0; \{4^2, 12, 20, 30\})$	64
60	$\mathcal{O}(0; \{3, 6, 12, 20, 30\})$	48
60	$\mathcal{O}(0; \{3, 5, 20^2, 30\})$	208
60	$\mathcal{O}(0; \{4^2, 10, 30^2\})$	48
60	$\mathcal{O}(0; \{2, 20^2, 30^2\})$	208
60	$\mathcal{O}(0; \{5^2, 6, 12, 60\})$	48
60	$\mathcal{O}(0; \{2^2, 3, 4, 15, 60\})$	16
60	$\mathcal{O}(0; \{4, 6^2, 15, 60\})$	48
60	$\mathcal{O}(0; \{2^3, 12, 15, 60\})$	16
60	$\mathcal{O}(0; \{4^2, 12, 15, 60\})$	64
60	$\mathcal{O}(0; \{3, 6, 12, 15, 60\})$	80
60	$\mathcal{O}(0; \{3, 6, 10, 20, 60\})$	48
60	$\mathcal{O}(0; \{3, 5, 15, 20, 60\})$	208
60	$\mathcal{O}(0; \{4, 5, 6, 30, 60\})$	48

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{3, 5, 12, 30, 60\})$	144
60	$\mathcal{O}(0; \{2, 15, 20, 30, 60\})$	208
60	$\mathcal{O}(0; \{3, 4, 30^2, 60\})$	144
60	$\mathcal{O}(0; \{2, 12, 30^2, 60\})$	144
60	$\mathcal{O}(0; \{3, 5, 10, 60^2\})$	208
60	$\mathcal{O}(0; \{2, 15^2, 60^2\})$	624
60	$\mathcal{O}(0; \{3, 4, 20, 60^2\})$	192
60	$\mathcal{O}(0; \{2, 12, 20, 60^2\})$	192
60	$\mathcal{O}(0; \{2, 10, 30, 60^2\})$	208
64	$\mathcal{O}(0; \{2, 4, 32, 64^2\})$	1024
66	$\mathcal{O}(0; \{2, 6, 11^2, 33\})$	180
66	$\mathcal{O}(0; \{2^3, 3, 33, 66\})$	20
66	$\mathcal{O}(0; \{3^2, 6, 33, 66\})$	100
66	$\mathcal{O}(0; \{2, 6^2, 33, 66\})$	60
66	$\mathcal{O}(0; \{2, 3, 66^3\})$	540
70	$\mathcal{O}(2; \emptyset)$	22464000
70	$\mathcal{O}(1; \{2^4\})$	4608
70	$\mathcal{O}(0; \{2, 5^2, 14, 35\})$	72
70	$\mathcal{O}(0; \{2, 5, 7^2, 70\})$	120
71	$\mathcal{O}(1; \{71^2\})$	352870
72	$\mathcal{O}(1; \{36^2\})$	46656
72	$\mathcal{O}(0; \{2^2, 36, 72^2\})$	144
72	$\mathcal{O}(0; \{72^4\})$	10368
75	$\mathcal{O}(1; \{15^2\})$	43200
75	$\mathcal{O}(0; \{15, 25, 75^2\})$	2400
77	$\mathcal{O}(1; \{11^2\})$	58080
77	$\mathcal{O}(0; \{7, 77^3\})$	16740
78	$\mathcal{O}(0; \{2, 3^2, 39, 78\})$	72
78	$\mathcal{O}(0; \{2^2, 6, 39, 78\})$	24
78	$\mathcal{O}(0; \{6, 78^3\})$	792
80	$\mathcal{O}(1; \{8^2\})$	18432
80	$\mathcal{O}(0; \{10, 16^2, 40\})$	128
80	$\mathcal{O}(0; \{8, 16, 20, 80\})$	256
80	$\mathcal{O}(0; \{8, 10, 80^2\})$	384
80	$\mathcal{O}(0; \{5, 40, 80^2\})$	1664
84	$\mathcal{O}(1; \{6^2\})$	10368
84	$\mathcal{O}(0; \{6, 12, 21, 28\})$	24
84	$\mathcal{O}(0; \{7, 12^2, 42\})$	24
84	$\mathcal{O}(0; \{4, 28, 42^2\})$	120
84	$\mathcal{O}(0; \{6, 12, 14, 84\})$	24
84	$\mathcal{O}(0; \{4, 21, 42, 84\})$	120
84	$\mathcal{O}(0; \{6, 7, 84^2\})$	120
87	$\mathcal{O}(0; \{3, 29, 87^2\})$	1512

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
88	$\mathcal{O}(0; \{4, 8, 44, 88\})$	160
90	$\mathcal{O}(0; \{5, 6, 18, 45\})$	48
90	$\mathcal{O}(0; \{3, 18, 30, 45\})$	96
96	$\mathcal{O}(0; \{3, 6, 32, 96\})$	32
96	$\mathcal{O}(0; \{2, 48, 96^2\})$	256
100	$\mathcal{O}(0; \{2, 20, 25, 100\})$	160
104	$\mathcal{O}(0; \{2, 8, 52, 104\})$	96
105	$\mathcal{O}(1; \{3^2\})$	20736
110	$\mathcal{O}(0; \{2, 5, 55, 110\})$	120
116	$\mathcal{O}(0; \{2, 4, 29, 116\})$	56
140	$\mathcal{O}(1; \{2^2\})$	13824
142	$\mathcal{O}(0; \{2^2, 142^2\})$	70
143	$\mathcal{O}(0; \{143^3\})$	11880
144	$\mathcal{O}(0; \{72, 144^2\})$	576
150	$\mathcal{O}(0; \{30, 50, 75\})$	160
154	$\mathcal{O}(0; \{14, 77, 154\})$	300
156	$\mathcal{O}(0; \{12, 78, 156\})$	48
174	$\mathcal{O}(0; \{6, 58, 87\})$	56
213	$\mathcal{O}(0; \{3, 213^2\})$	140
284	$\mathcal{O}(0; \{2, 284^2\})$	140
286	$\mathcal{O}(0; \{2, 143, 286\})$	120

Table 2: 72-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(72; \emptyset)$	1
2	$\mathcal{O}(36; \{2^2\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^6\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{10}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{14}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{18}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{22}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{26}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{30}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{34}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{38}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{42}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{46}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{50}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{54}\})$	70368744177664

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(22; \{2^{58}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{62}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{66}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{70}\})$	274877906944
2	$\mathcal{O}(18; \{2^{74}\})$	68719476736
2	$\mathcal{O}(17; \{2^{78}\})$	17179869184
2	$\mathcal{O}(16; \{2^{82}\})$	4294967296
2	$\mathcal{O}(15; \{2^{86}\})$	1073741824
2	$\mathcal{O}(14; \{2^{90}\})$	268435456
2	$\mathcal{O}(13; \{2^{94}\})$	67108864
2	$\mathcal{O}(12; \{2^{98}\})$	16777216
2	$\mathcal{O}(11; \{2^{102}\})$	4194304
2	$\mathcal{O}(10; \{2^{106}\})$	1048576
2	$\mathcal{O}(9; \{2^{110}\})$	262144
2	$\mathcal{O}(8; \{2^{114}\})$	65536
2	$\mathcal{O}(7; \{2^{118}\})$	16384
2	$\mathcal{O}(6; \{2^{122}\})$	4096
2	$\mathcal{O}(5; \{2^{126}\})$	1024
2	$\mathcal{O}(4; \{2^{130}\})$	256
2	$\mathcal{O}(3; \{2^{134}\})$	64
2	$\mathcal{O}(2; \{2^{138}\})$	16
2	$\mathcal{O}(1; \{2^{142}\})$	4
2	$\mathcal{O}(0; \{2^{146}\})$	1
3	$\mathcal{O}(24; \{3^2\})$	159532886153745019726722
3	$\mathcal{O}(23; \{3^5\})$	88629381196525010959290
3	$\mathcal{O}(22; \{3^8\})$	84690297587790566027766
3	$\mathcal{O}(21; \{3^{11}\})$	74623750587691428980538
3	$\mathcal{O}(20; \{3^{14}\})$	66405168737368945111062
3	$\mathcal{O}(19; \{3^{17}\})$	59018711545133024368410
3	$\mathcal{O}(18; \{3^{20}\})$	52461977496818914766646
3	$\mathcal{O}(17; \{3^{23}\})$	46632768822971059570938
3	$\mathcal{O}(16; \{3^{26}\})$	41451361182984297174102
3	$\mathcal{O}(15; \{3^{29}\})$	36845653149528138253530
3	$\mathcal{O}(14; \{3^{32}\})$	32751691825730210955126
3	$\mathcal{O}(13; \{3^{35}\})$	29112614940953436990138
3	$\mathcal{O}(12; \{3^{38}\})$	25877879949208743432342
3	$\mathcal{O}(11; \{3^{41}\})$	23002559954663930026650
3	$\mathcal{O}(10; \{3^{44}\})$	20446719959722191841206
3	$\mathcal{O}(9; \{3^{47}\})$	18174862186417401558138
3	$\mathcal{O}(8; \{3^{50}\})$	16155433054593504109782
3	$\mathcal{O}(7; \{3^{53}\})$	14360384937416419399770
3	$\mathcal{O}(6; \{3^{56}\})$	12764786611036820432886
3	$\mathcal{O}(5; \{3^{59}\})$	11346476987588284474938

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(4; \{3^{62}\})$	10085757322300697350422
3	$\mathcal{O}(3; \{3^{65}\})$	8965117619822842084890
3	$\mathcal{O}(2; \{3^{68}\})$	7968993439842526298166
3	$\mathcal{O}(1; \{3^{71}\})$	7083549724304467820538
3	$\mathcal{O}(0; \{3^{74}\})$	6296488643826193618262
4	$\mathcal{O}(18; \{4^2\})$	9444732965739290427392
4	$\mathcal{O}(17; \{2^4, 4^2\})$	590295810358705651712
4	$\mathcal{O}(17; \{2, 4^4\})$	2361183241434822606848
4	$\mathcal{O}(16; \{2^8, 4^2\})$	36893488147419103232
4	$\mathcal{O}(16; \{2^5, 4^4\})$	147573952589676412928
4	$\mathcal{O}(16; \{2^2, 4^6\})$	590295810358705651712
4	$\mathcal{O}(15; \{2^{12}, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2^9, 4^4\})$	9223372036854775808
4	$\mathcal{O}(15; \{2^6, 4^6\})$	36893488147419103232
4	$\mathcal{O}(15; \{2^3, 4^8\})$	147573952589676412928
4	$\mathcal{O}(15; \{4^{10}\})$	590295810358705651712
4	$\mathcal{O}(14; \{2^{16}, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^{13}, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^{10}, 4^6\})$	2305843009213693952
4	$\mathcal{O}(14; \{2^7, 4^8\})$	9223372036854775808
4	$\mathcal{O}(14; \{2^4, 4^{10}\})$	36893488147419103232
4	$\mathcal{O}(14; \{2, 4^{12}\})$	147573952589676412928
4	$\mathcal{O}(13; \{2^{20}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^{17}, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^{14}, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^{11}, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{2^8, 4^{10}\})$	2305843009213693952
4	$\mathcal{O}(13; \{2^5, 4^{12}\})$	9223372036854775808
4	$\mathcal{O}(13; \{2^2, 4^{14}\})$	36893488147419103232
4	$\mathcal{O}(12; \{2^{24}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{21}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{18}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^{15}, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^{12}, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2^9, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(12; \{2^6, 4^{14}\})$	2305843009213693952
4	$\mathcal{O}(12; \{2^3, 4^{16}\})$	9223372036854775808
4	$\mathcal{O}(12; \{4^{18}\})$	36893488147419103232
4	$\mathcal{O}(11; \{2^{28}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{25}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{22}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{19}, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^{16}, 4^{10}\})$	9007199254740992

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(11; \{2^{13}, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(11; \{2^{10}, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(11; \{2^7, 4^{16}\})$	576460752303423488
4	$\mathcal{O}(11; \{2^4, 4^{18}\})$	2305843009213693952
4	$\mathcal{O}(11; \{2, 4^{20}\})$	9223372036854775808
4	$\mathcal{O}(10; \{2^{32}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{29}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{26}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{23}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^{20}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^{17}, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^{14}, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^{11}, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(10; \{2^8, 4^{18}\})$	144115188075855872
4	$\mathcal{O}(10; \{2^5, 4^{20}\})$	576460752303423488
4	$\mathcal{O}(10; \{2^2, 4^{22}\})$	2305843009213693952
4	$\mathcal{O}(9; \{2^{36}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{33}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{30}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{27}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{24}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{21}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^{18}, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^{15}, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^{12}, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(9; \{2^9, 4^{20}\})$	36028797018963968
4	$\mathcal{O}(9; \{2^6, 4^{22}\})$	144115188075855872
4	$\mathcal{O}(9; \{2^3, 4^{24}\})$	576460752303423488
4	$\mathcal{O}(9; \{4^{26}\})$	2305843009213693952
4	$\mathcal{O}(8; \{2^{40}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{37}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{34}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{31}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{28}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{25}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{22}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^{19}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^{16}, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^{13}, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^{10}, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(8; \{2^7, 4^{24}\})$	36028797018963968
4	$\mathcal{O}(8; \{2^4, 4^{26}\})$	144115188075855872
4	$\mathcal{O}(8; \{2, 4^{28}\})$	576460752303423488

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(7; \{2^{44}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{41}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{38}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{35}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{32}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{29}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{26}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{23}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{20}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^{17}, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^{14}, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^{11}, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(7; \{2^8, 4^{26}\})$	9007199254740992
4	$\mathcal{O}(7; \{2^5, 4^{28}\})$	36028797018963968
4	$\mathcal{O}(7; \{2^2, 4^{30}\})$	144115188075855872
4	$\mathcal{O}(6; \{2^{48}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{45}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{42}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{39}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{36}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{33}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{30}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{27}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{24}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{21}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{18}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^{15}, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^{12}, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2^9, 4^{28}\})$	2251799813685248
4	$\mathcal{O}(6; \{2^6, 4^{30}\})$	9007199254740992
4	$\mathcal{O}(6; \{2^3, 4^{32}\})$	36028797018963968
4	$\mathcal{O}(6; \{4^{34}\})$	144115188075855872
4	$\mathcal{O}(5; \{2^{52}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{49}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{46}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{43}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{40}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{37}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{34}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{31}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{28}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{25}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{22}, 4^{22}\})$	2199023255552

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(5; \{2^{19}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^{16}, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^{13}, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2^{10}, 4^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{2^7, 4^{32}\})$	2251799813685248
4	$\mathcal{O}(5; \{2^4, 4^{34}\})$	9007199254740992
4	$\mathcal{O}(5; \{2, 4^{36}\})$	36028797018963968
4	$\mathcal{O}(4; \{2^{56}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{53}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{50}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{47}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{44}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{41}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{38}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{35}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{32}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{29}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{26}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{23}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{20}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^{17}, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^{14}, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^{11}, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{2^8, 4^{34}\})$	562949953421312
4	$\mathcal{O}(4; \{2^5, 4^{36}\})$	2251799813685248
4	$\mathcal{O}(4; \{2^2, 4^{38}\})$	9007199254740992
4	$\mathcal{O}(3; \{2^{60}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{57}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{54}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{51}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{48}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{45}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{42}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{39}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{36}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{33}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{30}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{27}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{24}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{21}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{18}, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^{15}, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^{12}, 4^{34}\})$	35184372088832

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{2^9, 4^{36}\})$	140737488355328
4	$\mathcal{O}(3; \{2^6, 4^{38}\})$	562949953421312
4	$\mathcal{O}(3; \{2^3, 4^{40}\})$	2251799813685248
4	$\mathcal{O}(3; \{4^{42}\})$	9007199254740992
4	$\mathcal{O}(2; \{2^{64}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{61}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{58}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{55}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{52}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{49}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{46}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{43}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{40}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{37}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{34}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{31}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{28}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{25}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{22}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{19}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^{16}, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^{13}, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^{10}, 4^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{2^7, 4^{40}\})$	140737488355328
4	$\mathcal{O}(2; \{2^4, 4^{42}\})$	562949953421312
4	$\mathcal{O}(2; \{2, 4^{44}\})$	2251799813685248
4	$\mathcal{O}(1; \{2^{68}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{65}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{62}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{59}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{56}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{53}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{50}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{47}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{44}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{41}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{38}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{35}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{32}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{29}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{26}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{23}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{20}, 4^{34}\})$	137438953472

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{2^{17}, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^{14}, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^{11}, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{2^8, 4^{42}\})$	35184372088832
4	$\mathcal{O}(1; \{2^5, 4^{44}\})$	140737488355328
4	$\mathcal{O}(1; \{2^2, 4^{46}\})$	562949953421312
4	$\mathcal{O}(0; \{2^{72}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{69}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{66}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{63}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{60}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{57}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{54}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{51}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{48}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{45}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{42}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{39}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{36}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{33}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{30}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{27}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{24}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{21}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{18}, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^{15}, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^{12}, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2^9, 4^{44}\})$	8796093022208
4	$\mathcal{O}(0; \{2^6, 4^{46}\})$	35184372088832
4	$\mathcal{O}(0; \{2^3, 4^{48}\})$	140737488355328
4	$\mathcal{O}(0; \{4^{50}\})$	562949953421312
5	$\mathcal{O}(14; \{5^3\})$	447034835815429687500
5	$\mathcal{O}(12; \{5^8\})$	781297683715820312500
5	$\mathcal{O}(10; \{5^{13}\})$	1279999923706054687500
5	$\mathcal{O}(8; \{5^{18}\})$	2097152000122070312500
5	$\mathcal{O}(6; \{5^{23}\})$	3435973836799804687500
5	$\mathcal{O}(4; \{5^{28}\})$	5629499534213120312500
5	$\mathcal{O}(2; \{5^{33}\})$	9223372036854775807500
5	$\mathcal{O}(0; \{5^{38}\})$	15111572745182864683828
6	$\mathcal{O}(12; \{6^2\})$	9476762676643233792
6	$\mathcal{O}(11; \{2^2, 3^4\})$	789730223053602816
6	$\mathcal{O}(11; \{2^3, 3^2, 6\})$	263243407684534272
6	$\mathcal{O}(11; \{2^4, 6^2\})$	263243407684534272

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(11; \{3^3, 6^2\})$	1316217038422671360
6	$\mathcal{O}(11; \{2, 3, 6^3\})$	789730223053602816
6	$\mathcal{O}(10; \{2^6, 3^4\})$	21936950640377856
6	$\mathcal{O}(10; \{2^2, 3^7\})$	153558654482644992
6	$\mathcal{O}(10; \{2^7, 3^2, 6\})$	7312316880125952
6	$\mathcal{O}(10; \{2^3, 3^5, 6\})$	80435485681385472
6	$\mathcal{O}(10; \{2^8, 6^2\})$	7312316880125952
6	$\mathcal{O}(10; \{2^4, 3^3, 6^2\})$	36561584400629760
6	$\mathcal{O}(10; \{3^6, 6^2\})$	314429625845415936
6	$\mathcal{O}(10; \{2^5, 3, 6^3\})$	21936950640377856
6	$\mathcal{O}(10; \{2, 3^4, 6^3\})$	153558654482644992
6	$\mathcal{O}(10; \{2^2, 3^2, 6^4\})$	80435485681385472
6	$\mathcal{O}(10; \{2^3, 6^5\})$	36561584400629760
6	$\mathcal{O}(10; \{3, 6^6\})$	153558654482644992
6	$\mathcal{O}(9; \{2^{10}, 3^4\})$	609359740010496
6	$\mathcal{O}(9; \{2^6, 3^7\})$	4265518180073472
6	$\mathcal{O}(9; \{2^2, 3^{10}\})$	34733505180598272
6	$\mathcal{O}(9; \{2^{11}, 3^2, 6\})$	203119913336832
6	$\mathcal{O}(9; \{2^7, 3^5, 6\})$	2234319046705152
6	$\mathcal{O}(9; \{2^3, 3^8, 6\})$	17265192633630720
6	$\mathcal{O}(9; \{2^{12}, 6^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^8, 3^3, 6^2\})$	1015599566684160
6	$\mathcal{O}(9; \{2^4, 3^6, 6^2\})$	8734156273483776
6	$\mathcal{O}(9; \{3^9, 6^2\})$	69263890447859712
6	$\mathcal{O}(9; \{2^9, 3, 6^3\})$	609359740010496
6	$\mathcal{O}(9; \{2^5, 3^4, 6^3\})$	4265518180073472
6	$\mathcal{O}(9; \{2, 3^7, 6^3\})$	34733505180598272
6	$\mathcal{O}(9; \{2^6, 3^2, 6^4\})$	2234319046705152
6	$\mathcal{O}(9; \{2^2, 3^5, 6^4\})$	17265192633630720
6	$\mathcal{O}(9; \{2^7, 6^5\})$	1015599566684160
6	$\mathcal{O}(9; \{2^3, 3^3, 6^5\})$	8734156273483776
6	$\mathcal{O}(9; \{2^4, 3, 6^6\})$	4265518180073472
6	$\mathcal{O}(9; \{3^4, 6^6\})$	34733505180598272
6	$\mathcal{O}(9; \{2, 3^2, 6^7\})$	17265192633630720
6	$\mathcal{O}(9; \{2^2, 6^8\})$	8734156273483776
6	$\mathcal{O}(8; \{2^{14}, 3^4\})$	16926659444736
6	$\mathcal{O}(8; \{2^{10}, 3^7\})$	118486616113152
6	$\mathcal{O}(8; \{2^6, 3^{10}\})$	964819588349952
6	$\mathcal{O}(8; \{2^2, 3^{13}\})$	7701630047354880
6	$\mathcal{O}(8; \{2^{15}, 3^2, 6\})$	5642219814912
6	$\mathcal{O}(8; \{2^{11}, 3^5, 6\})$	62064417964032
6	$\mathcal{O}(8; \{2^7, 3^8, 6\})$	479588684267520
6	$\mathcal{O}(8; \{2^3, 3^{11}, 6\})$	3853636133584896

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{2^{16}, 6^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^{12}, 3^3, 6^2\})$	28211099074560
6	$\mathcal{O}(8; \{2^8, 3^6, 6^2\})$	242615452041216
6	$\mathcal{O}(8; \{2^4, 3^9, 6^2\})$	1923996956884992
6	$\mathcal{O}(8; \{3^{12}, 6^2\})$	15408902314524672
6	$\mathcal{O}(8; \{2^{13}, 3, 6^3\})$	16926659444736
6	$\mathcal{O}(8; \{2^9, 3^4, 6^3\})$	118486616113152
6	$\mathcal{O}(8; \{2^5, 3^7, 6^3\})$	964819588349952
6	$\mathcal{O}(8; \{2, 3^{10}, 6^3\})$	7701630047354880
6	$\mathcal{O}(8; \{2^{10}, 3^2, 6^4\})$	62064417964032
6	$\mathcal{O}(8; \{2^6, 3^5, 6^4\})$	479588684267520
6	$\mathcal{O}(8; \{2^2, 3^8, 6^4\})$	3853636133584896
6	$\mathcal{O}(8; \{2^{11}, 6^5\})$	28211099074560
6	$\mathcal{O}(8; \{2^7, 3^3, 6^5\})$	242615452041216
6	$\mathcal{O}(8; \{2^3, 3^6, 6^5\})$	1923996956884992
6	$\mathcal{O}(8; \{2^8, 3, 6^6\})$	118486616113152
6	$\mathcal{O}(8; \{2^4, 3^4, 6^6\})$	964819588349952
6	$\mathcal{O}(8; \{3^7, 6^6\})$	7701630047354880
6	$\mathcal{O}(8; \{2^5, 3^2, 6^7\})$	479588684267520
6	$\mathcal{O}(8; \{2, 3^5, 6^7\})$	3853636133584896
6	$\mathcal{O}(8; \{2^6, 6^8\})$	242615452041216
6	$\mathcal{O}(8; \{2^2, 3^3, 6^8\})$	1923996956884992
6	$\mathcal{O}(8; \{2^3, 3, 6^9\})$	964819588349952
6	$\mathcal{O}(8; \{3^2, 6^{10}\})$	3853636133584896
6	$\mathcal{O}(8; \{2, 6^{11}\})$	1923996956884992
6	$\mathcal{O}(7; \{2^{18}, 3^4\})$	470184984576
6	$\mathcal{O}(7; \{2^{14}, 3^7\})$	3291294892032
6	$\mathcal{O}(7; \{2^{10}, 3^{10}\})$	26800544120832
6	$\mathcal{O}(7; \{2^6, 3^{13}\})$	213934167982080
6	$\mathcal{O}(7; \{2^2, 3^{16}\})$	1711943528841216
6	$\mathcal{O}(7; \{2^{19}, 3^2, 6\})$	156728328192
6	$\mathcal{O}(7; \{2^{15}, 3^5, 6\})$	1724011610112
6	$\mathcal{O}(7; \{2^{11}, 3^8, 6\})$	13321907896320
6	$\mathcal{O}(7; \{2^7, 3^{11}, 6\})$	107045448155136
6	$\mathcal{O}(7; \{2^3, 3^{14}, 6\})$	855893400256512
6	$\mathcal{O}(7; \{2^{20}, 6^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{16}, 3^3, 6^2\})$	783641640960
6	$\mathcal{O}(7; \{2^{12}, 3^6, 6^2\})$	6739318112256
6	$\mathcal{O}(7; \{2^8, 3^9, 6^2\})$	53444359913472
6	$\mathcal{O}(7; \{2^4, 3^{12}, 6^2\})$	428025064292352
6	$\mathcal{O}(7; \{3^{15}, 6^2\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{17}, 3, 6^3\})$	470184984576
6	$\mathcal{O}(7; \{2^{13}, 3^4, 6^3\})$	3291294892032

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{2^9, 3^7, 6^3\})$	26800544120832
6	$\mathcal{O}(7; \{2^5, 3^{10}, 6^3\})$	213934167982080
6	$\mathcal{O}(7; \{2, 3^{13}, 6^3\})$	1711943528841216
6	$\mathcal{O}(7; \{2^{14}, 3^2, 6^4\})$	1724011610112
6	$\mathcal{O}(7; \{2^{10}, 3^5, 6^4\})$	13321907896320
6	$\mathcal{O}(7; \{2^6, 3^8, 6^4\})$	107045448155136
6	$\mathcal{O}(7; \{2^2, 3^{11}, 6^4\})$	855893400256512
6	$\mathcal{O}(7; \{2^{15}, 6^5\})$	783641640960
6	$\mathcal{O}(7; \{2^{11}, 3^3, 6^5\})$	6739318112256
6	$\mathcal{O}(7; \{2^7, 3^6, 6^5\})$	53444359913472
6	$\mathcal{O}(7; \{2^3, 3^9, 6^5\})$	428025064292352
6	$\mathcal{O}(7; \{2^{12}, 3, 6^6\})$	3291294892032
6	$\mathcal{O}(7; \{2^8, 3^4, 6^6\})$	26800544120832
6	$\mathcal{O}(7; \{2^4, 3^7, 6^6\})$	213934167982080
6	$\mathcal{O}(7; \{3^{10}, 6^6\})$	1711943528841216
6	$\mathcal{O}(7; \{2^9, 3^2, 6^7\})$	13321907896320
6	$\mathcal{O}(7; \{2^5, 3^5, 6^7\})$	107045448155136
6	$\mathcal{O}(7; \{2, 3^8, 6^7\})$	855893400256512
6	$\mathcal{O}(7; \{2^{10}, 6^8\})$	6739318112256
6	$\mathcal{O}(7; \{2^6, 3^3, 6^8\})$	53444359913472
6	$\mathcal{O}(7; \{2^2, 3^6, 6^8\})$	428025064292352
6	$\mathcal{O}(7; \{2^7, 3, 6^9\})$	26800544120832
6	$\mathcal{O}(7; \{2^3, 3^4, 6^9\})$	213934167982080
6	$\mathcal{O}(7; \{2^4, 3^2, 6^{10}\})$	107045448155136
6	$\mathcal{O}(7; \{3^5, 6^{10}\})$	855893400256512
6	$\mathcal{O}(7; \{2^5, 6^{11}\})$	53444359913472
6	$\mathcal{O}(7; \{2, 3^3, 6^{11}\})$	428025064292352
6	$\mathcal{O}(7; \{2^2, 3, 6^{12}\})$	213934167982080
6	$\mathcal{O}(7; \{6^{14}\})$	428025064292352
6	$\mathcal{O}(6; \{2^{22}, 3^4\})$	13060694016
6	$\mathcal{O}(6; \{2^{18}, 3^7\})$	91424858112
6	$\mathcal{O}(6; \{2^{14}, 3^{10}\})$	744459558912
6	$\mathcal{O}(6; \{2^{10}, 3^{13}\})$	5942615777280
6	$\mathcal{O}(6; \{2^6, 3^{16}\})$	47553986912256
6	$\mathcal{O}(6; \{2^2, 3^{19}\})$	380418834604032
6	$\mathcal{O}(6; \{2^{23}, 3^2, 6\})$	4353564672
6	$\mathcal{O}(6; \{2^{19}, 3^5, 6\})$	47889211392
6	$\mathcal{O}(6; \{2^{15}, 3^8, 6\})$	370052997120
6	$\mathcal{O}(6; \{2^{11}, 3^{11}, 6\})$	2973484670976
6	$\mathcal{O}(6; \{2^7, 3^{14}, 6\})$	23774816673792
6	$\mathcal{O}(6; \{2^3, 3^{17}, 6\})$	190211594084352
6	$\mathcal{O}(6; \{2^{24}, 6^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{20}, 3^3, 6^2\})$	21767823360

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^{16}, 3^6, 6^2\})$	187203280896
6	$\mathcal{O}(6; \{2^{12}, 3^9, 6^2\})$	1484565553152
6	$\mathcal{O}(6; \{2^8, 3^{12}, 6^2\})$	11889585119232
6	$\mathcal{O}(6; \{2^4, 3^{15}, 6^2\})$	95103620259840
6	$\mathcal{O}(6; \{3^{18}, 6^2\})$	760842022772736
6	$\mathcal{O}(6; \{2^{21}, 3, 6^3\})$	13060694016
6	$\mathcal{O}(6; \{2^{17}, 3^4, 6^3\})$	91424858112
6	$\mathcal{O}(6; \{2^{13}, 3^7, 6^3\})$	744459558912
6	$\mathcal{O}(6; \{2^9, 3^{10}, 6^3\})$	5942615777280
6	$\mathcal{O}(6; \{2^5, 3^{13}, 6^3\})$	47553986912256
6	$\mathcal{O}(6; \{2, 3^{16}, 6^3\})$	380418834604032
6	$\mathcal{O}(6; \{2^{18}, 3^2, 6^4\})$	47889211392
6	$\mathcal{O}(6; \{2^{14}, 3^5, 6^4\})$	370052997120
6	$\mathcal{O}(6; \{2^{10}, 3^8, 6^4\})$	2973484670976
6	$\mathcal{O}(6; \{2^6, 3^{11}, 6^4\})$	23774816673792
6	$\mathcal{O}(6; \{2^2, 3^{14}, 6^4\})$	190211594084352
6	$\mathcal{O}(6; \{2^{19}, 6^5\})$	21767823360
6	$\mathcal{O}(6; \{2^{15}, 3^3, 6^5\})$	187203280896
6	$\mathcal{O}(6; \{2^{11}, 3^6, 6^5\})$	1484565553152
6	$\mathcal{O}(6; \{2^7, 3^9, 6^5\})$	11889585119232
6	$\mathcal{O}(6; \{2^3, 3^{12}, 6^5\})$	95103620259840
6	$\mathcal{O}(6; \{2^{16}, 3, 6^6\})$	91424858112
6	$\mathcal{O}(6; \{2^{12}, 3^4, 6^6\})$	744459558912
6	$\mathcal{O}(6; \{2^8, 3^7, 6^6\})$	5942615777280
6	$\mathcal{O}(6; \{2^4, 3^{10}, 6^6\})$	47553986912256
6	$\mathcal{O}(6; \{3^{13}, 6^6\})$	380418834604032
6	$\mathcal{O}(6; \{2^{13}, 3^2, 6^7\})$	370052997120
6	$\mathcal{O}(6; \{2^9, 3^5, 6^7\})$	2973484670976
6	$\mathcal{O}(6; \{2^5, 3^8, 6^7\})$	23774816673792
6	$\mathcal{O}(6; \{2, 3^{11}, 6^7\})$	190211594084352
6	$\mathcal{O}(6; \{2^{14}, 6^8\})$	187203280896
6	$\mathcal{O}(6; \{2^{10}, 3^3, 6^8\})$	1484565553152
6	$\mathcal{O}(6; \{2^6, 3^6, 6^8\})$	11889585119232
6	$\mathcal{O}(6; \{2^2, 3^9, 6^8\})$	95103620259840
6	$\mathcal{O}(6; \{2^{11}, 3, 6^9\})$	744459558912
6	$\mathcal{O}(6; \{2^7, 3^4, 6^9\})$	5942615777280
6	$\mathcal{O}(6; \{2^3, 3^7, 6^9\})$	47553986912256
6	$\mathcal{O}(6; \{2^8, 3^2, 6^{10}\})$	2973484670976
6	$\mathcal{O}(6; \{2^4, 3^5, 6^{10}\})$	23774816673792
6	$\mathcal{O}(6; \{3^8, 6^{10}\})$	190211594084352
6	$\mathcal{O}(6; \{2^9, 6^{11}\})$	1484565553152
6	$\mathcal{O}(6; \{2^5, 3^3, 6^{11}\})$	11889585119232
6	$\mathcal{O}(6; \{2, 3^6, 6^{11}\})$	95103620259840

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^6, 3, 6^{12}\})$	5942615777280
6	$\mathcal{O}(6; \{2^2, 3^4, 6^{12}\})$	47553986912256
6	$\mathcal{O}(6; \{2^3, 3^2, 6^{13}\})$	23774816673792
6	$\mathcal{O}(6; \{2^4, 6^{14}\})$	11889585119232
6	$\mathcal{O}(6; \{3^3, 6^{14}\})$	95103620259840
6	$\mathcal{O}(6; \{2, 3, 6^{15}\})$	47553986912256
6	$\mathcal{O}(5; \{2^{26}, 3^4\})$	362797056
6	$\mathcal{O}(5; \{2^{22}, 3^7\})$	2539579392
6	$\mathcal{O}(5; \{2^{18}, 3^{10}\})$	20679432192
6	$\mathcal{O}(5; \{2^{14}, 3^{13}\})$	165072660480
6	$\mathcal{O}(5; \{2^{10}, 3^{16}\})$	1320944080896
6	$\mathcal{O}(5; \{2^6, 3^{19}\})$	10567189850112
6	$\mathcal{O}(5; \{2^2, 3^{22}\})$	84537881597952
6	$\mathcal{O}(5; \{2^{27}, 3^2, 6\})$	120932352
6	$\mathcal{O}(5; \{2^{23}, 3^5, 6\})$	1330255872
6	$\mathcal{O}(5; \{2^{19}, 3^8, 6\})$	10279249920
6	$\mathcal{O}(5; \{2^{15}, 3^{11}, 6\})$	82596796416
6	$\mathcal{O}(5; \{2^{11}, 3^{14}, 6\})$	660411574272
6	$\mathcal{O}(5; \{2^7, 3^{17}, 6\})$	5283655391232
6	$\mathcal{O}(5; \{2^3, 3^{20}, 6\})$	42268880332800
6	$\mathcal{O}(5; \{2^{28}, 6^2\})$	120932352
6	$\mathcal{O}(5; \{2^{24}, 3^3, 6^2\})$	604661760
6	$\mathcal{O}(5; \{2^{20}, 3^6, 6^2\})$	5200091136
6	$\mathcal{O}(5; \{2^{16}, 3^9, 6^2\})$	41237932032
6	$\mathcal{O}(5; \{2^{12}, 3^{12}, 6^2\})$	330266253312
6	$\mathcal{O}(5; \{2^8, 3^{15}, 6^2\})$	2641767229440
6	$\mathcal{O}(5; \{2^4, 3^{18}, 6^2\})$	21134500632576
6	$\mathcal{O}(5; \{3^{21}, 6^2\})$	169075642263552
6	$\mathcal{O}(5; \{2^{25}, 3, 6^3\})$	362797056
6	$\mathcal{O}(5; \{2^{21}, 3^4, 6^3\})$	2539579392
6	$\mathcal{O}(5; \{2^{17}, 3^7, 6^3\})$	20679432192
6	$\mathcal{O}(5; \{2^{13}, 3^{10}, 6^3\})$	165072660480
6	$\mathcal{O}(5; \{2^9, 3^{13}, 6^3\})$	1320944080896
6	$\mathcal{O}(5; \{2^5, 3^{16}, 6^3\})$	10567189850112
6	$\mathcal{O}(5; \{2, 3^{19}, 6^3\})$	84537881597952
6	$\mathcal{O}(5; \{2^{22}, 3^2, 6^4\})$	1330255872
6	$\mathcal{O}(5; \{2^{18}, 3^5, 6^4\})$	10279249920
6	$\mathcal{O}(5; \{2^{14}, 3^8, 6^4\})$	82596796416
6	$\mathcal{O}(5; \{2^{10}, 3^{11}, 6^4\})$	660411574272
6	$\mathcal{O}(5; \{2^6, 3^{14}, 6^4\})$	5283655391232
6	$\mathcal{O}(5; \{2^2, 3^{17}, 6^4\})$	42268880332800
6	$\mathcal{O}(5; \{2^{23}, 6^5\})$	604661760
6	$\mathcal{O}(5; \{2^{19}, 3^3, 6^5\})$	5200091136

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^{15}, 3^6, 6^5\})$	41237932032
6	$\mathcal{O}(5; \{2^{11}, 3^9, 6^5\})$	330266253312
6	$\mathcal{O}(5; \{2^7, 3^{12}, 6^5\})$	2641767229440
6	$\mathcal{O}(5; \{2^3, 3^{15}, 6^5\})$	21134500632576
6	$\mathcal{O}(5; \{2^{20}, 3, 6^6\})$	2539579392
6	$\mathcal{O}(5; \{2^{16}, 3^4, 6^6\})$	20679432192
6	$\mathcal{O}(5; \{2^{12}, 3^7, 6^6\})$	165072660480
6	$\mathcal{O}(5; \{2^8, 3^{10}, 6^6\})$	1320944080896
6	$\mathcal{O}(5; \{2^4, 3^{13}, 6^6\})$	10567189850112
6	$\mathcal{O}(5; \{3^{16}, 6^6\})$	84537881597952
6	$\mathcal{O}(5; \{2^{17}, 3^2, 6^7\})$	10279249920
6	$\mathcal{O}(5; \{2^{13}, 3^5, 6^7\})$	82596796416
6	$\mathcal{O}(5; \{2^9, 3^8, 6^7\})$	660411574272
6	$\mathcal{O}(5; \{2^5, 3^{11}, 6^7\})$	5283655391232
6	$\mathcal{O}(5; \{2, 3^{14}, 6^7\})$	42268880332800
6	$\mathcal{O}(5; \{2^{18}, 6^8\})$	5200091136
6	$\mathcal{O}(5; \{2^{14}, 3^3, 6^8\})$	41237932032
6	$\mathcal{O}(5; \{2^{10}, 3^6, 6^8\})$	330266253312
6	$\mathcal{O}(5; \{2^6, 3^9, 6^8\})$	2641767229440
6	$\mathcal{O}(5; \{2^2, 3^{12}, 6^8\})$	21134500632576
6	$\mathcal{O}(5; \{2^{15}, 3, 6^9\})$	20679432192
6	$\mathcal{O}(5; \{2^{11}, 3^4, 6^9\})$	165072660480
6	$\mathcal{O}(5; \{2^7, 3^7, 6^9\})$	1320944080896
6	$\mathcal{O}(5; \{2^3, 3^{10}, 6^9\})$	10567189850112
6	$\mathcal{O}(5; \{2^{12}, 3^2, 6^{10}\})$	82596796416
6	$\mathcal{O}(5; \{2^8, 3^5, 6^{10}\})$	660411574272
6	$\mathcal{O}(5; \{2^4, 3^8, 6^{10}\})$	5283655391232
6	$\mathcal{O}(5; \{3^{11}, 6^{10}\})$	42268880332800
6	$\mathcal{O}(5; \{2^{13}, 6^{11}\})$	41237932032
6	$\mathcal{O}(5; \{2^9, 3^3, 6^{11}\})$	330266253312
6	$\mathcal{O}(5; \{2^5, 3^6, 6^{11}\})$	2641767229440
6	$\mathcal{O}(5; \{2, 3^9, 6^{11}\})$	21134500632576
6	$\mathcal{O}(5; \{2^{10}, 3, 6^{12}\})$	165072660480
6	$\mathcal{O}(5; \{2^6, 3^4, 6^{12}\})$	1320944080896
6	$\mathcal{O}(5; \{2^2, 3^7, 6^{12}\})$	10567189850112
6	$\mathcal{O}(5; \{2^7, 3^2, 6^{13}\})$	660411574272
6	$\mathcal{O}(5; \{2^3, 3^5, 6^{13}\})$	5283655391232
6	$\mathcal{O}(5; \{2^8, 6^{14}\})$	330266253312
6	$\mathcal{O}(5; \{2^4, 3^3, 6^{14}\})$	2641767229440
6	$\mathcal{O}(5; \{3^6, 6^{14}\})$	21134500632576
6	$\mathcal{O}(5; \{2^5, 3, 6^{15}\})$	1320944080896
6	$\mathcal{O}(5; \{2, 3^4, 6^{15}\})$	10567189850112
6	$\mathcal{O}(5; \{2^2, 3^2, 6^{16}\})$	5283655391232

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^3, 6^{17}\})$	2641767229440
6	$\mathcal{O}(5; \{3, 6^{18}\})$	10567189850112
6	$\mathcal{O}(4; \{2^{30}, 3^4\})$	10077696
6	$\mathcal{O}(4; \{2^{26}, 3^7\})$	70543872
6	$\mathcal{O}(4; \{2^{22}, 3^{10}\})$	574428672
6	$\mathcal{O}(4; \{2^{18}, 3^{13}\})$	4585351680
6	$\mathcal{O}(4; \{2^{14}, 3^{16}\})$	36692891136
6	$\mathcal{O}(4; \{2^{10}, 3^{19}\})$	293533051392
6	$\mathcal{O}(4; \{2^6, 3^{22}\})$	2348274488832
6	$\mathcal{O}(4; \{2^2, 3^{25}\})$	18786185832960
6	$\mathcal{O}(4; \{2^{31}, 3^2, 6\})$	3359232
6	$\mathcal{O}(4; \{2^{27}, 3^5, 6\})$	36951552
6	$\mathcal{O}(4; \{2^{23}, 3^8, 6\})$	285534720
6	$\mathcal{O}(4; \{2^{19}, 3^{11}, 6\})$	2294355456
6	$\mathcal{O}(4; \{2^{15}, 3^{14}, 6\})$	18344765952
6	$\mathcal{O}(4; \{2^{11}, 3^{17}, 6\})$	146768205312
6	$\mathcal{O}(4; \{2^7, 3^{20}, 6\})$	1174135564800
6	$\mathcal{O}(4; \{2^3, 3^{23}, 6\})$	9393094596096
6	$\mathcal{O}(4; \{2^{32}, 6^2\})$	3359232
6	$\mathcal{O}(4; \{2^{28}, 3^3, 6^2\})$	16796160
6	$\mathcal{O}(4; \{2^{24}, 3^6, 6^2\})$	144446976
6	$\mathcal{O}(4; \{2^{20}, 3^9, 6^2\})$	1145498112
6	$\mathcal{O}(4; \{2^{16}, 3^{12}, 6^2\})$	9174062592
6	$\mathcal{O}(4; \{2^{12}, 3^{15}, 6^2\})$	73382423040
6	$\mathcal{O}(4; \{2^8, 3^{18}, 6^2\})$	587069462016
6	$\mathcal{O}(4; \{2^4, 3^{21}, 6^2\})$	4696545618432
6	$\mathcal{O}(4; \{3^{24}, 6^2\})$	37572375025152
6	$\mathcal{O}(4; \{2^{29}, 3, 6^3\})$	10077696
6	$\mathcal{O}(4; \{2^{25}, 3^4, 6^3\})$	70543872
6	$\mathcal{O}(4; \{2^{21}, 3^7, 6^3\})$	574428672
6	$\mathcal{O}(4; \{2^{17}, 3^{10}, 6^3\})$	4585351680
6	$\mathcal{O}(4; \{2^{13}, 3^{13}, 6^3\})$	36692891136
6	$\mathcal{O}(4; \{2^9, 3^{16}, 6^3\})$	293533051392
6	$\mathcal{O}(4; \{2^5, 3^{19}, 6^3\})$	2348274488832
6	$\mathcal{O}(4; \{2, 3^{22}, 6^3\})$	18786185832960
6	$\mathcal{O}(4; \{2^{26}, 3^2, 6^4\})$	36951552
6	$\mathcal{O}(4; \{2^{22}, 3^5, 6^4\})$	285534720
6	$\mathcal{O}(4; \{2^{18}, 3^8, 6^4\})$	2294355456
6	$\mathcal{O}(4; \{2^{14}, 3^{11}, 6^4\})$	18344765952
6	$\mathcal{O}(4; \{2^{10}, 3^{14}, 6^4\})$	146768205312
6	$\mathcal{O}(4; \{2^6, 3^{17}, 6^4\})$	1174135564800
6	$\mathcal{O}(4; \{2^2, 3^{20}, 6^4\})$	9393094596096
6	$\mathcal{O}(4; \{2^{27}, 6^5\})$	16796160

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^{23}, 3^3, 6^5\})$	144446976
6	$\mathcal{O}(4; \{2^{19}, 3^6, 6^5\})$	1145498112
6	$\mathcal{O}(4; \{2^{15}, 3^9, 6^5\})$	9174062592
6	$\mathcal{O}(4; \{2^{11}, 3^{12}, 6^5\})$	73382423040
6	$\mathcal{O}(4; \{2^7, 3^{15}, 6^5\})$	587069462016
6	$\mathcal{O}(4; \{2^3, 3^{18}, 6^5\})$	4696545618432
6	$\mathcal{O}(4; \{2^{24}, 3, 6^6\})$	70543872
6	$\mathcal{O}(4; \{2^{20}, 3^4, 6^6\})$	574428672
6	$\mathcal{O}(4; \{2^{16}, 3^7, 6^6\})$	4585351680
6	$\mathcal{O}(4; \{2^{12}, 3^{10}, 6^6\})$	36692891136
6	$\mathcal{O}(4; \{2^8, 3^{13}, 6^6\})$	293533051392
6	$\mathcal{O}(4; \{2^4, 3^{16}, 6^6\})$	2348274488832
6	$\mathcal{O}(4; \{3^{19}, 6^6\})$	18786185832960
6	$\mathcal{O}(4; \{2^{21}, 3^2, 6^7\})$	285534720
6	$\mathcal{O}(4; \{2^{17}, 3^5, 6^7\})$	2294355456
6	$\mathcal{O}(4; \{2^{13}, 3^8, 6^7\})$	18344765952
6	$\mathcal{O}(4; \{2^9, 3^{11}, 6^7\})$	146768205312
6	$\mathcal{O}(4; \{2^5, 3^{14}, 6^7\})$	1174135564800
6	$\mathcal{O}(4; \{2, 3^{17}, 6^7\})$	9393094596096
6	$\mathcal{O}(4; \{2^{22}, 6^8\})$	144446976
6	$\mathcal{O}(4; \{2^{18}, 3^3, 6^8\})$	1145498112
6	$\mathcal{O}(4; \{2^{14}, 3^6, 6^8\})$	9174062592
6	$\mathcal{O}(4; \{2^{10}, 3^9, 6^8\})$	73382423040
6	$\mathcal{O}(4; \{2^6, 3^{12}, 6^8\})$	587069462016
6	$\mathcal{O}(4; \{2^2, 3^{15}, 6^8\})$	4696545618432
6	$\mathcal{O}(4; \{2^{19}, 3, 6^9\})$	574428672
6	$\mathcal{O}(4; \{2^{15}, 3^4, 6^9\})$	4585351680
6	$\mathcal{O}(4; \{2^{11}, 3^7, 6^9\})$	36692891136
6	$\mathcal{O}(4; \{2^7, 3^{10}, 6^9\})$	293533051392
6	$\mathcal{O}(4; \{2^3, 3^{13}, 6^9\})$	2348274488832
6	$\mathcal{O}(4; \{2^{16}, 3^2, 6^{10}\})$	2294355456
6	$\mathcal{O}(4; \{2^{12}, 3^5, 6^{10}\})$	18344765952
6	$\mathcal{O}(4; \{2^8, 3^8, 6^{10}\})$	146768205312
6	$\mathcal{O}(4; \{2^4, 3^{11}, 6^{10}\})$	1174135564800
6	$\mathcal{O}(4; \{3^{14}, 6^{10}\})$	9393094596096
6	$\mathcal{O}(4; \{2^{17}, 6^{11}\})$	1145498112
6	$\mathcal{O}(4; \{2^{13}, 3^3, 6^{11}\})$	9174062592
6	$\mathcal{O}(4; \{2^9, 3^6, 6^{11}\})$	73382423040
6	$\mathcal{O}(4; \{2^5, 3^9, 6^{11}\})$	587069462016
6	$\mathcal{O}(4; \{2, 3^{12}, 6^{11}\})$	4696545618432
6	$\mathcal{O}(4; \{2^{14}, 3, 6^{12}\})$	4585351680
6	$\mathcal{O}(4; \{2^{10}, 3^4, 6^{12}\})$	36692891136
6	$\mathcal{O}(4; \{2^6, 3^7, 6^{12}\})$	293533051392

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^2, 3^{10}, 6^{12}\})$	2348274488832
6	$\mathcal{O}(4; \{2^{11}, 3^2, 6^{13}\})$	18344765952
6	$\mathcal{O}(4; \{2^7, 3^5, 6^{13}\})$	146768205312
6	$\mathcal{O}(4; \{2^3, 3^8, 6^{13}\})$	1174135564800
6	$\mathcal{O}(4; \{2^{12}, 6^{14}\})$	9174062592
6	$\mathcal{O}(4; \{2^8, 3^3, 6^{14}\})$	73382423040
6	$\mathcal{O}(4; \{2^4, 3^6, 6^{14}\})$	587069462016
6	$\mathcal{O}(4; \{3^9, 6^{14}\})$	4696545618432
6	$\mathcal{O}(4; \{2^9, 3, 6^{15}\})$	36692891136
6	$\mathcal{O}(4; \{2^5, 3^4, 6^{15}\})$	293533051392
6	$\mathcal{O}(4; \{2, 3^7, 6^{15}\})$	2348274488832
6	$\mathcal{O}(4; \{2^6, 3^2, 6^{16}\})$	146768205312
6	$\mathcal{O}(4; \{2^2, 3^5, 6^{16}\})$	1174135564800
6	$\mathcal{O}(4; \{2^7, 6^{17}\})$	73382423040
6	$\mathcal{O}(4; \{2^3, 3^3, 6^{17}\})$	587069462016
6	$\mathcal{O}(4; \{2^4, 3, 6^{18}\})$	293533051392
6	$\mathcal{O}(4; \{3^4, 6^{18}\})$	2348274488832
6	$\mathcal{O}(4; \{2, 3^2, 6^{19}\})$	1174135564800
6	$\mathcal{O}(4; \{2^2, 6^{20}\})$	587069462016
6	$\mathcal{O}(3; \{2^{34}, 3^4\})$	279936
6	$\mathcal{O}(3; \{2^{30}, 3^7\})$	1959552
6	$\mathcal{O}(3; \{2^{26}, 3^{10}\})$	15956352
6	$\mathcal{O}(3; \{2^{22}, 3^{13}\})$	127370880
6	$\mathcal{O}(3; \{2^{18}, 3^{16}\})$	1019246976
6	$\mathcal{O}(3; \{2^{14}, 3^{19}\})$	8153695872
6	$\mathcal{O}(3; \{2^{10}, 3^{22}\})$	65229846912
6	$\mathcal{O}(3; \{2^6, 3^{25}\})$	521838495360
6	$\mathcal{O}(3; \{2^2, 3^{28}\})$	4174708242816
6	$\mathcal{O}(3; \{2^{35}, 3^2, 6\})$	93312
6	$\mathcal{O}(3; \{2^{31}, 3^5, 6\})$	1026432
6	$\mathcal{O}(3; \{2^{27}, 3^8, 6\})$	7931520
6	$\mathcal{O}(3; \{2^{23}, 3^{11}, 6\})$	63732096
6	$\mathcal{O}(3; \{2^{19}, 3^{14}, 6\})$	509576832
6	$\mathcal{O}(3; \{2^{15}, 3^{17}, 6\})$	4076894592
6	$\mathcal{O}(3; \{2^{11}, 3^{20}, 6\})$	32614876800
6	$\mathcal{O}(3; \{2^7, 3^{23}, 6\})$	260919294336
6	$\mathcal{O}(3; \{2^3, 3^{26}, 6\})$	2087354074752
6	$\mathcal{O}(3; \{2^{36}, 6^2\})$	93312
6	$\mathcal{O}(3; \{2^{32}, 3^3, 6^2\})$	466560
6	$\mathcal{O}(3; \{2^{28}, 3^6, 6^2\})$	4012416
6	$\mathcal{O}(3; \{2^{24}, 3^9, 6^2\})$	31819392
6	$\mathcal{O}(3; \{2^{20}, 3^{12}, 6^2\})$	254835072
6	$\mathcal{O}(3; \{2^{16}, 3^{15}, 6^2\})$	2038400640

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{12}, 3^{18}, 6^2\})$	16307485056
6	$\mathcal{O}(3; \{2^8, 3^{21}, 6^2\})$	130459600512
6	$\mathcal{O}(3; \{2^4, 3^{24}, 6^2\})$	1043677084032
6	$\mathcal{O}(3; \{3^{27}, 6^2\})$	8349416392320
6	$\mathcal{O}(3; \{2^{33}, 3, 6^3\})$	279936
6	$\mathcal{O}(3; \{2^{29}, 3^4, 6^3\})$	1959552
6	$\mathcal{O}(3; \{2^{25}, 3^7, 6^3\})$	15956352
6	$\mathcal{O}(3; \{2^{21}, 3^{10}, 6^3\})$	127370880
6	$\mathcal{O}(3; \{2^{17}, 3^{13}, 6^3\})$	1019246976
6	$\mathcal{O}(3; \{2^{13}, 3^{16}, 6^3\})$	8153695872
6	$\mathcal{O}(3; \{2^9, 3^{19}, 6^3\})$	65229846912
6	$\mathcal{O}(3; \{2^5, 3^{22}, 6^3\})$	521838495360
6	$\mathcal{O}(3; \{2, 3^{25}, 6^3\})$	4174708242816
6	$\mathcal{O}(3; \{2^{30}, 3^2, 6^4\})$	1026432
6	$\mathcal{O}(3; \{2^{26}, 3^5, 6^4\})$	7931520
6	$\mathcal{O}(3; \{2^{22}, 3^8, 6^4\})$	63732096
6	$\mathcal{O}(3; \{2^{18}, 3^{11}, 6^4\})$	509576832
6	$\mathcal{O}(3; \{2^{14}, 3^{14}, 6^4\})$	4076894592
6	$\mathcal{O}(3; \{2^{10}, 3^{17}, 6^4\})$	32614876800
6	$\mathcal{O}(3; \{2^6, 3^{20}, 6^4\})$	260919294336
6	$\mathcal{O}(3; \{2^2, 3^{23}, 6^4\})$	2087354074752
6	$\mathcal{O}(3; \{2^{31}, 6^5\})$	466560
6	$\mathcal{O}(3; \{2^{27}, 3^3, 6^5\})$	4012416
6	$\mathcal{O}(3; \{2^{23}, 3^6, 6^5\})$	31819392
6	$\mathcal{O}(3; \{2^{19}, 3^9, 6^5\})$	254835072
6	$\mathcal{O}(3; \{2^{15}, 3^{12}, 6^5\})$	2038400640
6	$\mathcal{O}(3; \{2^{11}, 3^{15}, 6^5\})$	16307485056
6	$\mathcal{O}(3; \{2^7, 3^{18}, 6^5\})$	130459600512
6	$\mathcal{O}(3; \{2^3, 3^{21}, 6^5\})$	1043677084032
6	$\mathcal{O}(3; \{2^{28}, 3, 6^6\})$	1959552
6	$\mathcal{O}(3; \{2^{24}, 3^4, 6^6\})$	15956352
6	$\mathcal{O}(3; \{2^{20}, 3^7, 6^6\})$	127370880
6	$\mathcal{O}(3; \{2^{16}, 3^{10}, 6^6\})$	1019246976
6	$\mathcal{O}(3; \{2^{12}, 3^{13}, 6^6\})$	8153695872
6	$\mathcal{O}(3; \{2^8, 3^{16}, 6^6\})$	65229846912
6	$\mathcal{O}(3; \{2^4, 3^{19}, 6^6\})$	521838495360
6	$\mathcal{O}(3; \{3^{22}, 6^6\})$	4174708242816
6	$\mathcal{O}(3; \{2^{25}, 3^2, 6^7\})$	7931520
6	$\mathcal{O}(3; \{2^{21}, 3^5, 6^7\})$	63732096
6	$\mathcal{O}(3; \{2^{17}, 3^8, 6^7\})$	509576832
6	$\mathcal{O}(3; \{2^{13}, 3^{11}, 6^7\})$	4076894592
6	$\mathcal{O}(3; \{2^9, 3^{14}, 6^7\})$	32614876800
6	$\mathcal{O}(3; \{2^5, 3^{17}, 6^7\})$	260919294336

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2, 3^{20}, 6^7\})$	2087354074752
6	$\mathcal{O}(3; \{2^{26}, 6^8\})$	4012416
6	$\mathcal{O}(3; \{2^{22}, 3^3, 6^8\})$	31819392
6	$\mathcal{O}(3; \{2^{18}, 3^6, 6^8\})$	254835072
6	$\mathcal{O}(3; \{2^{14}, 3^9, 6^8\})$	2038400640
6	$\mathcal{O}(3; \{2^{10}, 3^{12}, 6^8\})$	16307485056
6	$\mathcal{O}(3; \{2^6, 3^{15}, 6^8\})$	130459600512
6	$\mathcal{O}(3; \{2^2, 3^{18}, 6^8\})$	1043677084032
6	$\mathcal{O}(3; \{2^{23}, 3, 6^9\})$	15956352
6	$\mathcal{O}(3; \{2^{19}, 3^4, 6^9\})$	127370880
6	$\mathcal{O}(3; \{2^{15}, 3^7, 6^9\})$	1019246976
6	$\mathcal{O}(3; \{2^{11}, 3^{10}, 6^9\})$	8153695872
6	$\mathcal{O}(3; \{2^7, 3^{13}, 6^9\})$	65229846912
6	$\mathcal{O}(3; \{2^3, 3^{16}, 6^9\})$	521838495360
6	$\mathcal{O}(3; \{2^{20}, 3^2, 6^{10}\})$	63732096
6	$\mathcal{O}(3; \{2^{16}, 3^5, 6^{10}\})$	509576832
6	$\mathcal{O}(3; \{2^{12}, 3^8, 6^{10}\})$	4076894592
6	$\mathcal{O}(3; \{2^8, 3^{11}, 6^{10}\})$	32614876800
6	$\mathcal{O}(3; \{2^4, 3^{14}, 6^{10}\})$	260919294336
6	$\mathcal{O}(3; \{3^{17}, 6^{10}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{21}, 6^{11}\})$	31819392
6	$\mathcal{O}(3; \{2^{17}, 3^3, 6^{11}\})$	254835072
6	$\mathcal{O}(3; \{2^{13}, 3^6, 6^{11}\})$	2038400640
6	$\mathcal{O}(3; \{2^9, 3^9, 6^{11}\})$	16307485056
6	$\mathcal{O}(3; \{2^5, 3^{12}, 6^{11}\})$	130459600512
6	$\mathcal{O}(3; \{2, 3^{15}, 6^{11}\})$	1043677084032
6	$\mathcal{O}(3; \{2^{18}, 3, 6^{12}\})$	127370880
6	$\mathcal{O}(3; \{2^{14}, 3^4, 6^{12}\})$	1019246976
6	$\mathcal{O}(3; \{2^{10}, 3^7, 6^{12}\})$	8153695872
6	$\mathcal{O}(3; \{2^6, 3^{10}, 6^{12}\})$	65229846912
6	$\mathcal{O}(3; \{2^2, 3^{13}, 6^{12}\})$	521838495360
6	$\mathcal{O}(3; \{2^{15}, 3^2, 6^{13}\})$	509576832
6	$\mathcal{O}(3; \{2^{11}, 3^5, 6^{13}\})$	4076894592
6	$\mathcal{O}(3; \{2^7, 3^8, 6^{13}\})$	32614876800
6	$\mathcal{O}(3; \{2^3, 3^{11}, 6^{13}\})$	260919294336
6	$\mathcal{O}(3; \{2^{16}, 6^{14}\})$	254835072
6	$\mathcal{O}(3; \{2^{12}, 3^3, 6^{14}\})$	2038400640
6	$\mathcal{O}(3; \{2^8, 3^6, 6^{14}\})$	16307485056
6	$\mathcal{O}(3; \{2^4, 3^9, 6^{14}\})$	130459600512
6	$\mathcal{O}(3; \{3^{12}, 6^{14}\})$	1043677084032
6	$\mathcal{O}(3; \{2^{13}, 3, 6^{15}\})$	1019246976
6	$\mathcal{O}(3; \{2^9, 3^4, 6^{15}\})$	8153695872
6	$\mathcal{O}(3; \{2^5, 3^7, 6^{15}\})$	65229846912

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2, 3^{10}, 6^{15}\})$	521838495360
6	$\mathcal{O}(3; \{2^{10}, 3^2, 6^{16}\})$	4076894592
6	$\mathcal{O}(3; \{2^6, 3^5, 6^{16}\})$	32614876800
6	$\mathcal{O}(3; \{2^2, 3^8, 6^{16}\})$	260919294336
6	$\mathcal{O}(3; \{2^{11}, 6^{17}\})$	2038400640
6	$\mathcal{O}(3; \{2^7, 3^3, 6^{17}\})$	16307485056
6	$\mathcal{O}(3; \{2^3, 3^6, 6^{17}\})$	130459600512
6	$\mathcal{O}(3; \{2^8, 3, 6^{18}\})$	8153695872
6	$\mathcal{O}(3; \{2^4, 3^4, 6^{18}\})$	65229846912
6	$\mathcal{O}(3; \{3^7, 6^{18}\})$	521838495360
6	$\mathcal{O}(3; \{2^5, 3^2, 6^{19}\})$	32614876800
6	$\mathcal{O}(3; \{2, 3^5, 6^{19}\})$	260919294336
6	$\mathcal{O}(3; \{2^6, 6^{20}\})$	16307485056
6	$\mathcal{O}(3; \{2^2, 3^3, 6^{20}\})$	130459600512
6	$\mathcal{O}(3; \{2^3, 3, 6^{21}\})$	65229846912
6	$\mathcal{O}(3; \{3^2, 6^{22}\})$	260919294336
6	$\mathcal{O}(3; \{2, 6^{23}\})$	130459600512
6	$\mathcal{O}(2; \{2^{38}, 3^4\})$	7776
6	$\mathcal{O}(2; \{2^{34}, 3^7\})$	54432
6	$\mathcal{O}(2; \{2^{30}, 3^{10}\})$	443232
6	$\mathcal{O}(2; \{2^{26}, 3^{13}\})$	3538080
6	$\mathcal{O}(2; \{2^{22}, 3^{16}\})$	28312416
6	$\mathcal{O}(2; \{2^{18}, 3^{19}\})$	226491552
6	$\mathcal{O}(2; \{2^{14}, 3^{22}\})$	1811940192
6	$\mathcal{O}(2; \{2^{10}, 3^{25}\})$	14495513760
6	$\mathcal{O}(2; \{2^6, 3^{28}\})$	115964117856
6	$\mathcal{O}(2; \{2^2, 3^{31}\})$	927712935072
6	$\mathcal{O}(2; \{2^{39}, 3^2, 6\})$	2592
6	$\mathcal{O}(2; \{2^{35}, 3^5, 6\})$	28512
6	$\mathcal{O}(2; \{2^{31}, 3^8, 6\})$	220320
6	$\mathcal{O}(2; \{2^{27}, 3^{11}, 6\})$	1770336
6	$\mathcal{O}(2; \{2^{23}, 3^{14}, 6\})$	14154912
6	$\mathcal{O}(2; \{2^{19}, 3^{17}, 6\})$	113247072
6	$\mathcal{O}(2; \{2^{15}, 3^{20}, 6\})$	905968800
6	$\mathcal{O}(2; \{2^{11}, 3^{23}, 6\})$	7247758176
6	$\mathcal{O}(2; \{2^7, 3^{26}, 6\})$	57982057632
6	$\mathcal{O}(2; \{2^3, 3^{29}, 6\})$	463856468832
6	$\mathcal{O}(2; \{2^{40}, 6^2\})$	2592
6	$\mathcal{O}(2; \{2^{36}, 3^3, 6^2\})$	12960
6	$\mathcal{O}(2; \{2^{32}, 3^6, 6^2\})$	111456
6	$\mathcal{O}(2; \{2^{28}, 3^9, 6^2\})$	883872
6	$\mathcal{O}(2; \{2^{24}, 3^{12}, 6^2\})$	7078752
6	$\mathcal{O}(2; \{2^{20}, 3^{15}, 6^2\})$	56622240

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{16}, 3^{18}, 6^2\})$	452985696
6	$\mathcal{O}(2; \{2^{12}, 3^{21}, 6^2\})$	3623877792
6	$\mathcal{O}(2; \{2^8, 3^{24}, 6^2\})$	28991030112
6	$\mathcal{O}(2; \{2^4, 3^{27}, 6^2\})$	231928233120
6	$\mathcal{O}(2; \{3^{30}, 6^2\})$	1855425872736
6	$\mathcal{O}(2; \{2^{37}, 3, 6^3\})$	7776
6	$\mathcal{O}(2; \{2^{33}, 3^4, 6^3\})$	54432
6	$\mathcal{O}(2; \{2^{29}, 3^7, 6^3\})$	443232
6	$\mathcal{O}(2; \{2^{25}, 3^{10}, 6^3\})$	3538080
6	$\mathcal{O}(2; \{2^{21}, 3^{13}, 6^3\})$	28312416
6	$\mathcal{O}(2; \{2^{17}, 3^{16}, 6^3\})$	226491552
6	$\mathcal{O}(2; \{2^{13}, 3^{19}, 6^3\})$	1811940192
6	$\mathcal{O}(2; \{2^9, 3^{22}, 6^3\})$	14495513760
6	$\mathcal{O}(2; \{2^5, 3^{25}, 6^3\})$	115964117856
6	$\mathcal{O}(2; \{2, 3^{28}, 6^3\})$	927712935072
6	$\mathcal{O}(2; \{2^{34}, 3^2, 6^4\})$	28512
6	$\mathcal{O}(2; \{2^{30}, 3^5, 6^4\})$	220320
6	$\mathcal{O}(2; \{2^{26}, 3^8, 6^4\})$	1770336
6	$\mathcal{O}(2; \{2^{22}, 3^{11}, 6^4\})$	14154912
6	$\mathcal{O}(2; \{2^{18}, 3^{14}, 6^4\})$	113247072
6	$\mathcal{O}(2; \{2^{14}, 3^{17}, 6^4\})$	905968800
6	$\mathcal{O}(2; \{2^{10}, 3^{20}, 6^4\})$	7247758176
6	$\mathcal{O}(2; \{2^6, 3^{23}, 6^4\})$	57982057632
6	$\mathcal{O}(2; \{2^2, 3^{26}, 6^4\})$	463856468832
6	$\mathcal{O}(2; \{2^{35}, 6^5\})$	12960
6	$\mathcal{O}(2; \{2^{31}, 3^3, 6^5\})$	111456
6	$\mathcal{O}(2; \{2^{27}, 3^6, 6^5\})$	883872
6	$\mathcal{O}(2; \{2^{23}, 3^9, 6^5\})$	7078752
6	$\mathcal{O}(2; \{2^{19}, 3^{12}, 6^5\})$	56622240
6	$\mathcal{O}(2; \{2^{15}, 3^{15}, 6^5\})$	452985696
6	$\mathcal{O}(2; \{2^{11}, 3^{18}, 6^5\})$	3623877792
6	$\mathcal{O}(2; \{2^7, 3^{21}, 6^5\})$	28991030112
6	$\mathcal{O}(2; \{2^3, 3^{24}, 6^5\})$	231928233120
6	$\mathcal{O}(2; \{2^{32}, 3, 6^6\})$	54432
6	$\mathcal{O}(2; \{2^{28}, 3^4, 6^6\})$	443232
6	$\mathcal{O}(2; \{2^{24}, 3^7, 6^6\})$	3538080
6	$\mathcal{O}(2; \{2^{20}, 3^{10}, 6^6\})$	28312416
6	$\mathcal{O}(2; \{2^{16}, 3^{13}, 6^6\})$	226491552
6	$\mathcal{O}(2; \{2^{12}, 3^{16}, 6^6\})$	1811940192
6	$\mathcal{O}(2; \{2^8, 3^{19}, 6^6\})$	14495513760
6	$\mathcal{O}(2; \{2^4, 3^{22}, 6^6\})$	115964117856
6	$\mathcal{O}(2; \{3^{25}, 6^6\})$	927712935072
6	$\mathcal{O}(2; \{2^{29}, 3^2, 6^7\})$	220320

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{25}, 3^5, 6^7\})$	1770336
6	$\mathcal{O}(2; \{2^{21}, 3^8, 6^7\})$	14154912
6	$\mathcal{O}(2; \{2^{17}, 3^{11}, 6^7\})$	113247072
6	$\mathcal{O}(2; \{2^{13}, 3^{14}, 6^7\})$	905968800
6	$\mathcal{O}(2; \{2^9, 3^{17}, 6^7\})$	7247758176
6	$\mathcal{O}(2; \{2^5, 3^{20}, 6^7\})$	57982057632
6	$\mathcal{O}(2; \{2, 3^{23}, 6^7\})$	463856468832
6	$\mathcal{O}(2; \{2^{30}, 6^8\})$	111456
6	$\mathcal{O}(2; \{2^{26}, 3^3, 6^8\})$	883872
6	$\mathcal{O}(2; \{2^{22}, 3^6, 6^8\})$	7078752
6	$\mathcal{O}(2; \{2^{18}, 3^9, 6^8\})$	56622240
6	$\mathcal{O}(2; \{2^{14}, 3^{12}, 6^8\})$	452985696
6	$\mathcal{O}(2; \{2^{10}, 3^{15}, 6^8\})$	3623877792
6	$\mathcal{O}(2; \{2^6, 3^{18}, 6^8\})$	28991030112
6	$\mathcal{O}(2; \{2^2, 3^{21}, 6^8\})$	231928233120
6	$\mathcal{O}(2; \{2^{27}, 3, 6^9\})$	443232
6	$\mathcal{O}(2; \{2^{23}, 3^4, 6^9\})$	3538080
6	$\mathcal{O}(2; \{2^{19}, 3^7, 6^9\})$	28312416
6	$\mathcal{O}(2; \{2^{15}, 3^{10}, 6^9\})$	226491552
6	$\mathcal{O}(2; \{2^{11}, 3^{13}, 6^9\})$	1811940192
6	$\mathcal{O}(2; \{2^7, 3^{16}, 6^9\})$	14495513760
6	$\mathcal{O}(2; \{2^3, 3^{19}, 6^9\})$	115964117856
6	$\mathcal{O}(2; \{2^{24}, 3^2, 6^{10}\})$	1770336
6	$\mathcal{O}(2; \{2^{20}, 3^5, 6^{10}\})$	14154912
6	$\mathcal{O}(2; \{2^{16}, 3^8, 6^{10}\})$	113247072
6	$\mathcal{O}(2; \{2^{12}, 3^{11}, 6^{10}\})$	905968800
6	$\mathcal{O}(2; \{2^8, 3^{14}, 6^{10}\})$	7247758176
6	$\mathcal{O}(2; \{2^4, 3^{17}, 6^{10}\})$	57982057632
6	$\mathcal{O}(2; \{3^{20}, 6^{10}\})$	463856468832
6	$\mathcal{O}(2; \{2^{25}, 6^{11}\})$	883872
6	$\mathcal{O}(2; \{2^{21}, 3^3, 6^{11}\})$	7078752
6	$\mathcal{O}(2; \{2^{17}, 3^6, 6^{11}\})$	56622240
6	$\mathcal{O}(2; \{2^{13}, 3^9, 6^{11}\})$	452985696
6	$\mathcal{O}(2; \{2^9, 3^{12}, 6^{11}\})$	3623877792
6	$\mathcal{O}(2; \{2^5, 3^{15}, 6^{11}\})$	28991030112
6	$\mathcal{O}(2; \{2, 3^{18}, 6^{11}\})$	231928233120
6	$\mathcal{O}(2; \{2^{22}, 3, 6^{12}\})$	3538080
6	$\mathcal{O}(2; \{2^{18}, 3^4, 6^{12}\})$	28312416
6	$\mathcal{O}(2; \{2^{14}, 3^7, 6^{12}\})$	226491552
6	$\mathcal{O}(2; \{2^{10}, 3^{10}, 6^{12}\})$	1811940192
6	$\mathcal{O}(2; \{2^6, 3^{13}, 6^{12}\})$	14495513760
6	$\mathcal{O}(2; \{2^2, 3^{16}, 6^{12}\})$	115964117856
6	$\mathcal{O}(2; \{2^{19}, 3^2, 6^{13}\})$	14154912

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{15}, 3^5, 6^{13}\})$	113247072
6	$\mathcal{O}(2; \{2^{11}, 3^8, 6^{13}\})$	905968800
6	$\mathcal{O}(2; \{2^7, 3^{11}, 6^{13}\})$	7247758176
6	$\mathcal{O}(2; \{2^3, 3^{14}, 6^{13}\})$	57982057632
6	$\mathcal{O}(2; \{2^{20}, 6^{14}\})$	7078752
6	$\mathcal{O}(2; \{2^{16}, 3^3, 6^{14}\})$	56622240
6	$\mathcal{O}(2; \{2^{12}, 3^6, 6^{14}\})$	452985696
6	$\mathcal{O}(2; \{2^8, 3^9, 6^{14}\})$	3623877792
6	$\mathcal{O}(2; \{2^4, 3^{12}, 6^{14}\})$	28991030112
6	$\mathcal{O}(2; \{3^{15}, 6^{14}\})$	231928233120
6	$\mathcal{O}(2; \{2^{17}, 3, 6^{15}\})$	28312416
6	$\mathcal{O}(2; \{2^{13}, 3^4, 6^{15}\})$	226491552
6	$\mathcal{O}(2; \{2^9, 3^7, 6^{15}\})$	1811940192
6	$\mathcal{O}(2; \{2^5, 3^{10}, 6^{15}\})$	14495513760
6	$\mathcal{O}(2; \{2, 3^{13}, 6^{15}\})$	115964117856
6	$\mathcal{O}(2; \{2^{14}, 3^2, 6^{16}\})$	113247072
6	$\mathcal{O}(2; \{2^{10}, 3^5, 6^{16}\})$	905968800
6	$\mathcal{O}(2; \{2^6, 3^8, 6^{16}\})$	7247758176
6	$\mathcal{O}(2; \{2^2, 3^{11}, 6^{16}\})$	57982057632
6	$\mathcal{O}(2; \{2^{15}, 6^{17}\})$	56622240
6	$\mathcal{O}(2; \{2^{11}, 3^3, 6^{17}\})$	452985696
6	$\mathcal{O}(2; \{2^7, 3^6, 6^{17}\})$	3623877792
6	$\mathcal{O}(2; \{2^3, 3^9, 6^{17}\})$	28991030112
6	$\mathcal{O}(2; \{2^{12}, 3, 6^{18}\})$	226491552
6	$\mathcal{O}(2; \{2^8, 3^4, 6^{18}\})$	1811940192
6	$\mathcal{O}(2; \{2^4, 3^7, 6^{18}\})$	14495513760
6	$\mathcal{O}(2; \{3^{10}, 6^{18}\})$	115964117856
6	$\mathcal{O}(2; \{2^9, 3^2, 6^{19}\})$	905968800
6	$\mathcal{O}(2; \{2^5, 3^5, 6^{19}\})$	7247758176
6	$\mathcal{O}(2; \{2, 3^8, 6^{19}\})$	57982057632
6	$\mathcal{O}(2; \{2^{10}, 6^{20}\})$	452985696
6	$\mathcal{O}(2; \{2^6, 3^3, 6^{20}\})$	3623877792
6	$\mathcal{O}(2; \{2^2, 3^6, 6^{20}\})$	28991030112
6	$\mathcal{O}(2; \{2^7, 3, 6^{21}\})$	1811940192
6	$\mathcal{O}(2; \{2^3, 3^4, 6^{21}\})$	14495513760
6	$\mathcal{O}(2; \{2^4, 3^2, 6^{22}\})$	7247758176
6	$\mathcal{O}(2; \{3^5, 6^{22}\})$	57982057632
6	$\mathcal{O}(2; \{2^5, 6^{23}\})$	3623877792
6	$\mathcal{O}(2; \{2, 3^3, 6^{23}\})$	28991030112
6	$\mathcal{O}(2; \{2^2, 3, 6^{24}\})$	14495513760
6	$\mathcal{O}(2; \{6^{26}\})$	28991030112
6	$\mathcal{O}(1; \{2^{42}, 3^4\})$	216
6	$\mathcal{O}(1; \{2^{38}, 3^7\})$	1512

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{34}, 3^{10}\})$	12312
6	$\mathcal{O}(1; \{2^{30}, 3^{13}\})$	98280
6	$\mathcal{O}(1; \{2^{26}, 3^{16}\})$	786456
6	$\mathcal{O}(1; \{2^{22}, 3^{19}\})$	6291432
6	$\mathcal{O}(1; \{2^{18}, 3^{22}\})$	50331672
6	$\mathcal{O}(1; \{2^{14}, 3^{25}\})$	402653160
6	$\mathcal{O}(1; \{2^{10}, 3^{28}\})$	3221225496
6	$\mathcal{O}(1; \{2^6, 3^{31}\})$	25769803752
6	$\mathcal{O}(1; \{2^2, 3^{34}\})$	206158430232
6	$\mathcal{O}(1; \{2^{43}, 3^2, 6\})$	72
6	$\mathcal{O}(1; \{2^{39}, 3^5, 6\})$	792
6	$\mathcal{O}(1; \{2^{35}, 3^8, 6\})$	6120
6	$\mathcal{O}(1; \{2^{31}, 3^{11}, 6\})$	49176
6	$\mathcal{O}(1; \{2^{27}, 3^{14}, 6\})$	393192
6	$\mathcal{O}(1; \{2^{23}, 3^{17}, 6\})$	3145752
6	$\mathcal{O}(1; \{2^{19}, 3^{20}, 6\})$	25165800
6	$\mathcal{O}(1; \{2^{15}, 3^{23}, 6\})$	201326616
6	$\mathcal{O}(1; \{2^{11}, 3^{26}, 6\})$	1610612712
6	$\mathcal{O}(1; \{2^7, 3^{29}, 6\})$	12884901912
6	$\mathcal{O}(1; \{2^3, 3^{32}, 6\})$	103079215080
6	$\mathcal{O}(1; \{2^{44}, 6^2\})$	72
6	$\mathcal{O}(1; \{2^{40}, 3^3, 6^2\})$	360
6	$\mathcal{O}(1; \{2^{36}, 3^6, 6^2\})$	3096
6	$\mathcal{O}(1; \{2^{32}, 3^9, 6^2\})$	24552
6	$\mathcal{O}(1; \{2^{28}, 3^{12}, 6^2\})$	196632
6	$\mathcal{O}(1; \{2^{24}, 3^{15}, 6^2\})$	1572840
6	$\mathcal{O}(1; \{2^{20}, 3^{18}, 6^2\})$	12582936
6	$\mathcal{O}(1; \{2^{16}, 3^{21}, 6^2\})$	100663272
6	$\mathcal{O}(1; \{2^{12}, 3^{24}, 6^2\})$	805306392
6	$\mathcal{O}(1; \{2^8, 3^{27}, 6^2\})$	6442450920
6	$\mathcal{O}(1; \{2^4, 3^{30}, 6^2\})$	51539607576
6	$\mathcal{O}(1; \{3^{33}, 6^2\})$	412316860392
6	$\mathcal{O}(1; \{2^{41}, 3, 6^3\})$	216
6	$\mathcal{O}(1; \{2^{37}, 3^4, 6^3\})$	1512
6	$\mathcal{O}(1; \{2^{33}, 3^7, 6^3\})$	12312
6	$\mathcal{O}(1; \{2^{29}, 3^{10}, 6^3\})$	98280
6	$\mathcal{O}(1; \{2^{25}, 3^{13}, 6^3\})$	786456
6	$\mathcal{O}(1; \{2^{21}, 3^{16}, 6^3\})$	6291432
6	$\mathcal{O}(1; \{2^{17}, 3^{19}, 6^3\})$	50331672
6	$\mathcal{O}(1; \{2^{13}, 3^{22}, 6^3\})$	402653160
6	$\mathcal{O}(1; \{2^9, 3^{25}, 6^3\})$	3221225496
6	$\mathcal{O}(1; \{2^5, 3^{28}, 6^3\})$	25769803752
6	$\mathcal{O}(1; \{2, 3^{31}, 6^3\})$	206158430232

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{38}, 3^2, 6^4\})$	792
6	$\mathcal{O}(1; \{2^{34}, 3^5, 6^4\})$	6120
6	$\mathcal{O}(1; \{2^{30}, 3^8, 6^4\})$	49176
6	$\mathcal{O}(1; \{2^{26}, 3^{11}, 6^4\})$	393192
6	$\mathcal{O}(1; \{2^{22}, 3^{14}, 6^4\})$	3145752
6	$\mathcal{O}(1; \{2^{18}, 3^{17}, 6^4\})$	25165800
6	$\mathcal{O}(1; \{2^{14}, 3^{20}, 6^4\})$	201326616
6	$\mathcal{O}(1; \{2^{10}, 3^{23}, 6^4\})$	1610612712
6	$\mathcal{O}(1; \{2^6, 3^{26}, 6^4\})$	12884901912
6	$\mathcal{O}(1; \{2^2, 3^{29}, 6^4\})$	103079215080
6	$\mathcal{O}(1; \{2^{39}, 6^5\})$	360
6	$\mathcal{O}(1; \{2^{35}, 3^3, 6^5\})$	3096
6	$\mathcal{O}(1; \{2^{31}, 3^6, 6^5\})$	24552
6	$\mathcal{O}(1; \{2^{27}, 3^9, 6^5\})$	196632
6	$\mathcal{O}(1; \{2^{23}, 3^{12}, 6^5\})$	1572840
6	$\mathcal{O}(1; \{2^{19}, 3^{15}, 6^5\})$	12582936
6	$\mathcal{O}(1; \{2^{15}, 3^{18}, 6^5\})$	100663272
6	$\mathcal{O}(1; \{2^{11}, 3^{21}, 6^5\})$	805306392
6	$\mathcal{O}(1; \{2^7, 3^{24}, 6^5\})$	6442450920
6	$\mathcal{O}(1; \{2^3, 3^{27}, 6^5\})$	51539607576
6	$\mathcal{O}(1; \{2^{36}, 3, 6^6\})$	1512
6	$\mathcal{O}(1; \{2^{32}, 3^4, 6^6\})$	12312
6	$\mathcal{O}(1; \{2^{28}, 3^7, 6^6\})$	98280
6	$\mathcal{O}(1; \{2^{24}, 3^{10}, 6^6\})$	786456
6	$\mathcal{O}(1; \{2^{20}, 3^{13}, 6^6\})$	6291432
6	$\mathcal{O}(1; \{2^{16}, 3^{16}, 6^6\})$	50331672
6	$\mathcal{O}(1; \{2^{12}, 3^{19}, 6^6\})$	402653160
6	$\mathcal{O}(1; \{2^8, 3^{22}, 6^6\})$	3221225496
6	$\mathcal{O}(1; \{2^4, 3^{25}, 6^6\})$	25769803752
6	$\mathcal{O}(1; \{3^{28}, 6^6\})$	206158430232
6	$\mathcal{O}(1; \{2^{33}, 3^2, 6^7\})$	6120
6	$\mathcal{O}(1; \{2^{29}, 3^5, 6^7\})$	49176
6	$\mathcal{O}(1; \{2^{25}, 3^8, 6^7\})$	393192
6	$\mathcal{O}(1; \{2^{21}, 3^{11}, 6^7\})$	3145752
6	$\mathcal{O}(1; \{2^{17}, 3^{14}, 6^7\})$	25165800
6	$\mathcal{O}(1; \{2^{13}, 3^{17}, 6^7\})$	201326616
6	$\mathcal{O}(1; \{2^9, 3^{20}, 6^7\})$	1610612712
6	$\mathcal{O}(1; \{2^5, 3^{23}, 6^7\})$	12884901912
6	$\mathcal{O}(1; \{2, 3^{26}, 6^7\})$	103079215080
6	$\mathcal{O}(1; \{2^{34}, 6^8\})$	3096
6	$\mathcal{O}(1; \{2^{30}, 3^3, 6^8\})$	24552
6	$\mathcal{O}(1; \{2^{26}, 3^6, 6^8\})$	196632
6	$\mathcal{O}(1; \{2^{22}, 3^9, 6^8\})$	1572840

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{18}, 3^{12}, 6^8\})$	12582936
6	$\mathcal{O}(1; \{2^{14}, 3^{15}, 6^8\})$	100663272
6	$\mathcal{O}(1; \{2^{10}, 3^{18}, 6^8\})$	805306392
6	$\mathcal{O}(1; \{2^6, 3^{21}, 6^8\})$	6442450920
6	$\mathcal{O}(1; \{2^2, 3^{24}, 6^8\})$	51539607576
6	$\mathcal{O}(1; \{2^{31}, 3, 6^9\})$	12312
6	$\mathcal{O}(1; \{2^{27}, 3^4, 6^9\})$	98280
6	$\mathcal{O}(1; \{2^{23}, 3^7, 6^9\})$	786456
6	$\mathcal{O}(1; \{2^{19}, 3^{10}, 6^9\})$	6291432
6	$\mathcal{O}(1; \{2^{15}, 3^{13}, 6^9\})$	50331672
6	$\mathcal{O}(1; \{2^{11}, 3^{16}, 6^9\})$	402653160
6	$\mathcal{O}(1; \{2^7, 3^{19}, 6^9\})$	3221225496
6	$\mathcal{O}(1; \{2^3, 3^{22}, 6^9\})$	25769803752
6	$\mathcal{O}(1; \{2^{28}, 3^2, 6^{10}\})$	49176
6	$\mathcal{O}(1; \{2^{24}, 3^5, 6^{10}\})$	393192
6	$\mathcal{O}(1; \{2^{20}, 3^8, 6^{10}\})$	3145752
6	$\mathcal{O}(1; \{2^{16}, 3^{11}, 6^{10}\})$	25165800
6	$\mathcal{O}(1; \{2^{12}, 3^{14}, 6^{10}\})$	201326616
6	$\mathcal{O}(1; \{2^8, 3^{17}, 6^{10}\})$	1610612712
6	$\mathcal{O}(1; \{2^4, 3^{20}, 6^{10}\})$	12884901912
6	$\mathcal{O}(1; \{3^{23}, 6^{10}\})$	103079215080
6	$\mathcal{O}(1; \{2^{29}, 6^{11}\})$	24552
6	$\mathcal{O}(1; \{2^{25}, 3^3, 6^{11}\})$	196632
6	$\mathcal{O}(1; \{2^{21}, 3^6, 6^{11}\})$	1572840
6	$\mathcal{O}(1; \{2^{17}, 3^9, 6^{11}\})$	12582936
6	$\mathcal{O}(1; \{2^{13}, 3^{12}, 6^{11}\})$	100663272
6	$\mathcal{O}(1; \{2^9, 3^{15}, 6^{11}\})$	805306392
6	$\mathcal{O}(1; \{2^5, 3^{18}, 6^{11}\})$	6442450920
6	$\mathcal{O}(1; \{2, 3^{21}, 6^{11}\})$	51539607576
6	$\mathcal{O}(1; \{2^{26}, 3, 6^{12}\})$	98280
6	$\mathcal{O}(1; \{2^{22}, 3^4, 6^{12}\})$	786456
6	$\mathcal{O}(1; \{2^{18}, 3^7, 6^{12}\})$	6291432
6	$\mathcal{O}(1; \{2^{14}, 3^{10}, 6^{12}\})$	50331672
6	$\mathcal{O}(1; \{2^{10}, 3^{13}, 6^{12}\})$	402653160
6	$\mathcal{O}(1; \{2^6, 3^{16}, 6^{12}\})$	3221225496
6	$\mathcal{O}(1; \{2^2, 3^{19}, 6^{12}\})$	25769803752
6	$\mathcal{O}(1; \{2^{23}, 3^2, 6^{13}\})$	393192
6	$\mathcal{O}(1; \{2^{19}, 3^5, 6^{13}\})$	3145752
6	$\mathcal{O}(1; \{2^{15}, 3^8, 6^{13}\})$	25165800
6	$\mathcal{O}(1; \{2^{11}, 3^{11}, 6^{13}\})$	201326616
6	$\mathcal{O}(1; \{2^7, 3^{14}, 6^{13}\})$	1610612712
6	$\mathcal{O}(1; \{2^3, 3^{17}, 6^{13}\})$	12884901912
6	$\mathcal{O}(1; \{2^{24}, 6^{14}\})$	196632

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{20}, 3^3, 6^{14}\})$	1572840
6	$\mathcal{O}(1; \{2^{16}, 3^6, 6^{14}\})$	12582936
6	$\mathcal{O}(1; \{2^{12}, 3^9, 6^{14}\})$	100663272
6	$\mathcal{O}(1; \{2^8, 3^{12}, 6^{14}\})$	805306392
6	$\mathcal{O}(1; \{2^4, 3^{15}, 6^{14}\})$	6442450920
6	$\mathcal{O}(1; \{3^{18}, 6^{14}\})$	51539607576
6	$\mathcal{O}(1; \{2^{21}, 3, 6^{15}\})$	786456
6	$\mathcal{O}(1; \{2^{17}, 3^4, 6^{15}\})$	6291432
6	$\mathcal{O}(1; \{2^{13}, 3^7, 6^{15}\})$	50331672
6	$\mathcal{O}(1; \{2^9, 3^{10}, 6^{15}\})$	402653160
6	$\mathcal{O}(1; \{2^5, 3^{13}, 6^{15}\})$	3221225496
6	$\mathcal{O}(1; \{2, 3^{16}, 6^{15}\})$	25769803752
6	$\mathcal{O}(1; \{2^{18}, 3^2, 6^{16}\})$	3145752
6	$\mathcal{O}(1; \{2^{14}, 3^5, 6^{16}\})$	25165800
6	$\mathcal{O}(1; \{2^{10}, 3^8, 6^{16}\})$	201326616
6	$\mathcal{O}(1; \{2^6, 3^{11}, 6^{16}\})$	1610612712
6	$\mathcal{O}(1; \{2^2, 3^{14}, 6^{16}\})$	12884901912
6	$\mathcal{O}(1; \{2^{19}, 6^{17}\})$	1572840
6	$\mathcal{O}(1; \{2^{15}, 3^3, 6^{17}\})$	12582936
6	$\mathcal{O}(1; \{2^{11}, 3^6, 6^{17}\})$	100663272
6	$\mathcal{O}(1; \{2^7, 3^9, 6^{17}\})$	805306392
6	$\mathcal{O}(1; \{2^3, 3^{12}, 6^{17}\})$	6442450920
6	$\mathcal{O}(1; \{2^{16}, 3, 6^{18}\})$	6291432
6	$\mathcal{O}(1; \{2^{12}, 3^4, 6^{18}\})$	50331672
6	$\mathcal{O}(1; \{2^8, 3^7, 6^{18}\})$	402653160
6	$\mathcal{O}(1; \{2^4, 3^{10}, 6^{18}\})$	3221225496
6	$\mathcal{O}(1; \{3^{13}, 6^{18}\})$	25769803752
6	$\mathcal{O}(1; \{2^{13}, 3^2, 6^{19}\})$	25165800
6	$\mathcal{O}(1; \{2^9, 3^5, 6^{19}\})$	201326616
6	$\mathcal{O}(1; \{2^5, 3^8, 6^{19}\})$	1610612712
6	$\mathcal{O}(1; \{2, 3^{11}, 6^{19}\})$	12884901912
6	$\mathcal{O}(1; \{2^{14}, 6^{20}\})$	12582936
6	$\mathcal{O}(1; \{2^{10}, 3^3, 6^{20}\})$	100663272
6	$\mathcal{O}(1; \{2^6, 3^6, 6^{20}\})$	805306392
6	$\mathcal{O}(1; \{2^2, 3^9, 6^{20}\})$	6442450920
6	$\mathcal{O}(1; \{2^{11}, 3, 6^{21}\})$	50331672
6	$\mathcal{O}(1; \{2^7, 3^4, 6^{21}\})$	402653160
6	$\mathcal{O}(1; \{2^3, 3^7, 6^{21}\})$	3221225496
6	$\mathcal{O}(1; \{2^8, 3^2, 6^{22}\})$	201326616
6	$\mathcal{O}(1; \{2^4, 3^5, 6^{22}\})$	1610612712
6	$\mathcal{O}(1; \{3^8, 6^{22}\})$	12884901912
6	$\mathcal{O}(1; \{2^9, 6^{23}\})$	100663272
6	$\mathcal{O}(1; \{2^5, 3^3, 6^{23}\})$	805306392

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2, 3^6, 6^{23}\})$	6442450920
6	$\mathcal{O}(1; \{2^6, 3, 6^{24}\})$	402653160
6	$\mathcal{O}(1; \{2^2, 3^4, 6^{24}\})$	3221225496
6	$\mathcal{O}(1; \{2^3, 3^2, 6^{25}\})$	1610612712
6	$\mathcal{O}(1; \{2^4, 6^{26}\})$	805306392
6	$\mathcal{O}(1; \{3^3, 6^{26}\})$	6442450920
6	$\mathcal{O}(1; \{2, 3, 6^{27}\})$	3221225496
6	$\mathcal{O}(0; \{2^{46}, 3^4\})$	6
6	$\mathcal{O}(0; \{2^{42}, 3^7\})$	42
6	$\mathcal{O}(0; \{2^{38}, 3^{10}\})$	342
6	$\mathcal{O}(0; \{2^{34}, 3^{13}\})$	2730
6	$\mathcal{O}(0; \{2^{30}, 3^{16}\})$	21846
6	$\mathcal{O}(0; \{2^{26}, 3^{19}\})$	174762
6	$\mathcal{O}(0; \{2^{22}, 3^{22}\})$	1398102
6	$\mathcal{O}(0; \{2^{18}, 3^{25}\})$	11184810
6	$\mathcal{O}(0; \{2^{14}, 3^{28}\})$	89478486
6	$\mathcal{O}(0; \{2^{10}, 3^{31}\})$	715827882
6	$\mathcal{O}(0; \{2^6, 3^{34}\})$	5726623062
6	$\mathcal{O}(0; \{2^2, 3^{37}\})$	45812984490
6	$\mathcal{O}(0; \{2^{47}, 3^2, 6\})$	2
6	$\mathcal{O}(0; \{2^{43}, 3^5, 6\})$	22
6	$\mathcal{O}(0; \{2^{39}, 3^8, 6\})$	170
6	$\mathcal{O}(0; \{2^{35}, 3^{11}, 6\})$	1366
6	$\mathcal{O}(0; \{2^{31}, 3^{14}, 6\})$	10922
6	$\mathcal{O}(0; \{2^{27}, 3^{17}, 6\})$	87382
6	$\mathcal{O}(0; \{2^{23}, 3^{20}, 6\})$	699050
6	$\mathcal{O}(0; \{2^{19}, 3^{23}, 6\})$	5592406
6	$\mathcal{O}(0; \{2^{15}, 3^{26}, 6\})$	44739242
6	$\mathcal{O}(0; \{2^{11}, 3^{29}, 6\})$	357913942
6	$\mathcal{O}(0; \{2^7, 3^{32}, 6\})$	2863311530
6	$\mathcal{O}(0; \{2^3, 3^{35}, 6\})$	22906492246
6	$\mathcal{O}(0; \{2^{48}, 6^2\})$	2
6	$\mathcal{O}(0; \{2^{44}, 3^3, 6^2\})$	10
6	$\mathcal{O}(0; \{2^{40}, 3^6, 6^2\})$	86
6	$\mathcal{O}(0; \{2^{36}, 3^9, 6^2\})$	682
6	$\mathcal{O}(0; \{2^{32}, 3^{12}, 6^2\})$	5462
6	$\mathcal{O}(0; \{2^{28}, 3^{15}, 6^2\})$	43690
6	$\mathcal{O}(0; \{2^{24}, 3^{18}, 6^2\})$	349526
6	$\mathcal{O}(0; \{2^{20}, 3^{21}, 6^2\})$	2796202
6	$\mathcal{O}(0; \{2^{16}, 3^{24}, 6^2\})$	22369622
6	$\mathcal{O}(0; \{2^{12}, 3^{27}, 6^2\})$	178956970
6	$\mathcal{O}(0; \{2^8, 3^{30}, 6^2\})$	1431655766
6	$\mathcal{O}(0; \{2^4, 3^{33}, 6^2\})$	11453246122

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Table 2 – continued from previous page

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

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^8, 3^{25}, 6^6\})$	715827882
6	$\mathcal{O}(0; \{2^4, 3^{28}, 6^6\})$	5726623062
6	$\mathcal{O}(0; \{3^{31}, 6^6\})$	45812984490
6	$\mathcal{O}(0; \{2^{37}, 3^2, 6^7\})$	170
6	$\mathcal{O}(0; \{2^{33}, 3^5, 6^7\})$	1366
6	$\mathcal{O}(0; \{2^{29}, 3^8, 6^7\})$	10922
6	$\mathcal{O}(0; \{2^{25}, 3^{11}, 6^7\})$	87382
6	$\mathcal{O}(0; \{2^{21}, 3^{14}, 6^7\})$	699050
6	$\mathcal{O}(0; \{2^{17}, 3^{17}, 6^7\})$	5592406
6	$\mathcal{O}(0; \{2^{13}, 3^{20}, 6^7\})$	44739242
6	$\mathcal{O}(0; \{2^9, 3^{23}, 6^7\})$	357913942
6	$\mathcal{O}(0; \{2^5, 3^{26}, 6^7\})$	2863311530
6	$\mathcal{O}(0; \{2, 3^{29}, 6^7\})$	22906492246
6	$\mathcal{O}(0; \{2^{38}, 6^8\})$	86
6	$\mathcal{O}(0; \{2^{34}, 3^3, 6^8\})$	682
6	$\mathcal{O}(0; \{2^{30}, 3^6, 6^8\})$	5462
6	$\mathcal{O}(0; \{2^{26}, 3^9, 6^8\})$	43690
6	$\mathcal{O}(0; \{2^{22}, 3^{12}, 6^8\})$	349526
6	$\mathcal{O}(0; \{2^{18}, 3^{15}, 6^8\})$	2796202
6	$\mathcal{O}(0; \{2^{14}, 3^{18}, 6^8\})$	22369622
6	$\mathcal{O}(0; \{2^{10}, 3^{21}, 6^8\})$	178956970
6	$\mathcal{O}(0; \{2^6, 3^{24}, 6^8\})$	1431655766
6	$\mathcal{O}(0; \{2^2, 3^{27}, 6^8\})$	11453246122
6	$\mathcal{O}(0; \{2^{35}, 3, 6^9\})$	342
6	$\mathcal{O}(0; \{2^{31}, 3^4, 6^9\})$	2730
6	$\mathcal{O}(0; \{2^{27}, 3^7, 6^9\})$	21846
6	$\mathcal{O}(0; \{2^{23}, 3^{10}, 6^9\})$	174762
6	$\mathcal{O}(0; \{2^{19}, 3^{13}, 6^9\})$	1398102
6	$\mathcal{O}(0; \{2^{15}, 3^{16}, 6^9\})$	11184810
6	$\mathcal{O}(0; \{2^{11}, 3^{19}, 6^9\})$	89478486
6	$\mathcal{O}(0; \{2^7, 3^{22}, 6^9\})$	715827882
6	$\mathcal{O}(0; \{2^3, 3^{25}, 6^9\})$	5726623062
6	$\mathcal{O}(0; \{2^{32}, 3^2, 6^{10}\})$	1366
6	$\mathcal{O}(0; \{2^{28}, 3^5, 6^{10}\})$	10922
6	$\mathcal{O}(0; \{2^{24}, 3^8, 6^{10}\})$	87382
6	$\mathcal{O}(0; \{2^{20}, 3^{11}, 6^{10}\})$	699050
6	$\mathcal{O}(0; \{2^{16}, 3^{14}, 6^{10}\})$	5592406
6	$\mathcal{O}(0; \{2^{12}, 3^{17}, 6^{10}\})$	44739242
6	$\mathcal{O}(0; \{2^8, 3^{20}, 6^{10}\})$	357913942
6	$\mathcal{O}(0; \{2^4, 3^{23}, 6^{10}\})$	2863311530
6	$\mathcal{O}(0; \{3^{26}, 6^{10}\})$	22906492246
6	$\mathcal{O}(0; \{2^{33}, 6^{11}\})$	682
6	$\mathcal{O}(0; \{2^{29}, 3^3, 6^{11}\})$	5462

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{25}, 3^6, 6^{11}\})$	43690
6	$\mathcal{O}(0; \{2^{21}, 3^9, 6^{11}\})$	349526
6	$\mathcal{O}(0; \{2^{17}, 3^{12}, 6^{11}\})$	2796202
6	$\mathcal{O}(0; \{2^{13}, 3^{15}, 6^{11}\})$	22369622
6	$\mathcal{O}(0; \{2^9, 3^{18}, 6^{11}\})$	178956970
6	$\mathcal{O}(0; \{2^5, 3^{21}, 6^{11}\})$	1431655766
6	$\mathcal{O}(0; \{2, 3^{24}, 6^{11}\})$	11453246122
6	$\mathcal{O}(0; \{2^{30}, 3, 6^{12}\})$	2730
6	$\mathcal{O}(0; \{2^{26}, 3^4, 6^{12}\})$	21846
6	$\mathcal{O}(0; \{2^{22}, 3^7, 6^{12}\})$	174762
6	$\mathcal{O}(0; \{2^{18}, 3^{10}, 6^{12}\})$	1398102
6	$\mathcal{O}(0; \{2^{14}, 3^{13}, 6^{12}\})$	11184810
6	$\mathcal{O}(0; \{2^{10}, 3^{16}, 6^{12}\})$	89478486
6	$\mathcal{O}(0; \{2^6, 3^{19}, 6^{12}\})$	715827882
6	$\mathcal{O}(0; \{2^2, 3^{22}, 6^{12}\})$	5726623062
6	$\mathcal{O}(0; \{2^{27}, 3^2, 6^{13}\})$	10922
6	$\mathcal{O}(0; \{2^{23}, 3^5, 6^{13}\})$	87382
6	$\mathcal{O}(0; \{2^{19}, 3^8, 6^{13}\})$	699050
6	$\mathcal{O}(0; \{2^{15}, 3^{11}, 6^{13}\})$	5592406
6	$\mathcal{O}(0; \{2^{11}, 3^{14}, 6^{13}\})$	44739242
6	$\mathcal{O}(0; \{2^7, 3^{17}, 6^{13}\})$	357913942
6	$\mathcal{O}(0; \{2^3, 3^{20}, 6^{13}\})$	2863311530
6	$\mathcal{O}(0; \{2^{28}, 6^{14}\})$	5462
6	$\mathcal{O}(0; \{2^{24}, 3^3, 6^{14}\})$	43690
6	$\mathcal{O}(0; \{2^{20}, 3^6, 6^{14}\})$	349526
6	$\mathcal{O}(0; \{2^{16}, 3^9, 6^{14}\})$	2796202
6	$\mathcal{O}(0; \{2^{12}, 3^{12}, 6^{14}\})$	22369622
6	$\mathcal{O}(0; \{2^8, 3^{15}, 6^{14}\})$	178956970
6	$\mathcal{O}(0; \{2^4, 3^{18}, 6^{14}\})$	1431655766
6	$\mathcal{O}(0; \{3^{21}, 6^{14}\})$	11453246122
6	$\mathcal{O}(0; \{2^{25}, 3, 6^{15}\})$	21846
6	$\mathcal{O}(0; \{2^{21}, 3^4, 6^{15}\})$	174762
6	$\mathcal{O}(0; \{2^{17}, 3^7, 6^{15}\})$	1398102
6	$\mathcal{O}(0; \{2^{13}, 3^{10}, 6^{15}\})$	11184810
6	$\mathcal{O}(0; \{2^9, 3^{13}, 6^{15}\})$	89478486
6	$\mathcal{O}(0; \{2^5, 3^{16}, 6^{15}\})$	715827882
6	$\mathcal{O}(0; \{2, 3^{19}, 6^{15}\})$	5726623062
6	$\mathcal{O}(0; \{2^{22}, 3^2, 6^{16}\})$	87382
6	$\mathcal{O}(0; \{2^{18}, 3^5, 6^{16}\})$	699050
6	$\mathcal{O}(0; \{2^{14}, 3^8, 6^{16}\})$	5592406
6	$\mathcal{O}(0; \{2^{10}, 3^{11}, 6^{16}\})$	44739242
6	$\mathcal{O}(0; \{2^6, 3^{14}, 6^{16}\})$	357913942
6	$\mathcal{O}(0; \{2^2, 3^{17}, 6^{16}\})$	2863311530

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{23}, 6^{17}\})$	43690
6	$\mathcal{O}(0; \{2^{19}, 3^3, 6^{17}\})$	349526
6	$\mathcal{O}(0; \{2^{15}, 3^6, 6^{17}\})$	2796202
6	$\mathcal{O}(0; \{2^{11}, 3^9, 6^{17}\})$	22369622
6	$\mathcal{O}(0; \{2^7, 3^{12}, 6^{17}\})$	178956970
6	$\mathcal{O}(0; \{2^3, 3^{15}, 6^{17}\})$	1431655766
6	$\mathcal{O}(0; \{2^{20}, 3, 6^{18}\})$	174762
6	$\mathcal{O}(0; \{2^{16}, 3^4, 6^{18}\})$	1398102
6	$\mathcal{O}(0; \{2^{12}, 3^7, 6^{18}\})$	11184810
6	$\mathcal{O}(0; \{2^8, 3^{10}, 6^{18}\})$	89478486
6	$\mathcal{O}(0; \{2^4, 3^{13}, 6^{18}\})$	715827882
6	$\mathcal{O}(0; \{3^{16}, 6^{18}\})$	5726623062
6	$\mathcal{O}(0; \{2^{17}, 3^2, 6^{19}\})$	699050
6	$\mathcal{O}(0; \{2^{13}, 3^5, 6^{19}\})$	5592406
6	$\mathcal{O}(0; \{2^9, 3^8, 6^{19}\})$	44739242
6	$\mathcal{O}(0; \{2^5, 3^{11}, 6^{19}\})$	357913942
6	$\mathcal{O}(0; \{2, 3^{14}, 6^{19}\})$	2863311530
6	$\mathcal{O}(0; \{2^{18}, 6^{20}\})$	349526
6	$\mathcal{O}(0; \{2^{14}, 3^3, 6^{20}\})$	2796202
6	$\mathcal{O}(0; \{2^{10}, 3^6, 6^{20}\})$	22369622
6	$\mathcal{O}(0; \{2^6, 3^9, 6^{20}\})$	178956970
6	$\mathcal{O}(0; \{2^2, 3^{12}, 6^{20}\})$	1431655766
6	$\mathcal{O}(0; \{2^{15}, 3, 6^{21}\})$	1398102
6	$\mathcal{O}(0; \{2^{11}, 3^4, 6^{21}\})$	11184810
6	$\mathcal{O}(0; \{2^7, 3^7, 6^{21}\})$	89478486
6	$\mathcal{O}(0; \{2^3, 3^{10}, 6^{21}\})$	715827882
6	$\mathcal{O}(0; \{2^{12}, 3^2, 6^{22}\})$	5592406
6	$\mathcal{O}(0; \{2^8, 3^5, 6^{22}\})$	44739242
6	$\mathcal{O}(0; \{2^4, 3^8, 6^{22}\})$	357913942
6	$\mathcal{O}(0; \{3^{11}, 6^{22}\})$	2863311530
6	$\mathcal{O}(0; \{2^{13}, 6^{23}\})$	2796202
6	$\mathcal{O}(0; \{2^9, 3^3, 6^{23}\})$	22369622
6	$\mathcal{O}(0; \{2^5, 3^6, 6^{23}\})$	178956970
6	$\mathcal{O}(0; \{2, 3^9, 6^{23}\})$	1431655766
6	$\mathcal{O}(0; \{2^{10}, 3, 6^{24}\})$	11184810
6	$\mathcal{O}(0; \{2^6, 3^4, 6^{24}\})$	89478486
6	$\mathcal{O}(0; \{2^2, 3^7, 6^{24}\})$	715827882
6	$\mathcal{O}(0; \{2^7, 3^2, 6^{25}\})$	44739242
6	$\mathcal{O}(0; \{2^3, 3^5, 6^{25}\})$	357913942
6	$\mathcal{O}(0; \{2^8, 6^{26}\})$	22369622
6	$\mathcal{O}(0; \{2^4, 3^3, 6^{26}\})$	178956970
6	$\mathcal{O}(0; \{3^6, 6^{26}\})$	1431655766
6	$\mathcal{O}(0; \{2^5, 3, 6^{27}\})$	89478486

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2, 3^4, 6^{27}\})$	715827882
6	$\mathcal{O}(0; \{2^2, 3^2, 6^{28}\})$	357913942
6	$\mathcal{O}(0; \{2^3, 6^{29}\})$	178956970
6	$\mathcal{O}(0; \{3, 6^{30}\})$	715827882
7	$\mathcal{O}(9; \{7^5\})$	1807539093680598390
7	$\mathcal{O}(6; \{7^{12}\})$	4304209938526772106
7	$\mathcal{O}(3; \{7^{19}\})$	10241509150356305430
7	$\mathcal{O}(0; \{7^{26}\})$	24368818311368315466
8	$\mathcal{O}(9; \{8^2\})$	72057594037927936
8	$\mathcal{O}(8; \{2^4, 8^2\})$	1125899906842624
8	$\mathcal{O}(8; \{2, 4^2, 8^2\})$	4503599627370496
8	$\mathcal{O}(7; \{2^8, 8^2\})$	17592186044416
8	$\mathcal{O}(7; \{2^5, 4^2, 8^2\})$	70368744177664
8	$\mathcal{O}(7; \{2^2, 4^4, 8^2\})$	281474976710656
8	$\mathcal{O}(7; \{2^3, 4, 8^4\})$	562949953421312
8	$\mathcal{O}(7; \{4^3, 8^4\})$	2251799813685248
8	$\mathcal{O}(7; \{2, 8^6\})$	4503599627370496
8	$\mathcal{O}(6; \{2^{12}, 8^2\})$	274877906944
8	$\mathcal{O}(6; \{2^9, 4^2, 8^2\})$	1099511627776
8	$\mathcal{O}(6; \{2^6, 4^4, 8^2\})$	4398046511104
8	$\mathcal{O}(6; \{2^3, 4^6, 8^2\})$	17592186044416
8	$\mathcal{O}(6; \{4^8, 8^2\})$	70368744177664
8	$\mathcal{O}(6; \{2^7, 4, 8^4\})$	8796093022208
8	$\mathcal{O}(6; \{2^4, 4^3, 8^4\})$	35184372088832
8	$\mathcal{O}(6; \{2, 4^5, 8^4\})$	140737488355328
8	$\mathcal{O}(6; \{2^5, 8^6\})$	70368744177664
8	$\mathcal{O}(6; \{2^2, 4^2, 8^6\})$	281474976710656
8	$\mathcal{O}(6; \{4, 8^8\})$	2251799813685248
8	$\mathcal{O}(5; \{2^{16}, 8^2\})$	4294967296
8	$\mathcal{O}(5; \{2^{13}, 4^2, 8^2\})$	17179869184
8	$\mathcal{O}(5; \{2^{10}, 4^4, 8^2\})$	68719476736
8	$\mathcal{O}(5; \{2^7, 4^6, 8^2\})$	274877906944
8	$\mathcal{O}(5; \{2^4, 4^8, 8^2\})$	1099511627776
8	$\mathcal{O}(5; \{2, 4^{10}, 8^2\})$	4398046511104
8	$\mathcal{O}(5; \{2^{11}, 4, 8^4\})$	137438953472
8	$\mathcal{O}(5; \{2^8, 4^3, 8^4\})$	549755813888
8	$\mathcal{O}(5; \{2^5, 4^5, 8^4\})$	2199023255552
8	$\mathcal{O}(5; \{2^2, 4^7, 8^4\})$	8796093022208
8	$\mathcal{O}(5; \{2^9, 8^6\})$	1099511627776
8	$\mathcal{O}(5; \{2^6, 4^2, 8^6\})$	4398046511104
8	$\mathcal{O}(5; \{2^3, 4^4, 8^6\})$	17592186044416
8	$\mathcal{O}(5; \{4^6, 8^6\})$	70368744177664
8	$\mathcal{O}(5; \{2^4, 4, 8^8\})$	35184372088832

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{2, 4^3, 8^8\})$	140737488355328
8	$\mathcal{O}(5; \{2^2, 8^{10}\})$	281474976710656
8	$\mathcal{O}(4; \{2^{20}, 8^2\})$	67108864
8	$\mathcal{O}(4; \{2^{17}, 4^2, 8^2\})$	268435456
8	$\mathcal{O}(4; \{2^{14}, 4^4, 8^2\})$	1073741824
8	$\mathcal{O}(4; \{2^{11}, 4^6, 8^2\})$	4294967296
8	$\mathcal{O}(4; \{2^8, 4^8, 8^2\})$	17179869184
8	$\mathcal{O}(4; \{2^5, 4^{10}, 8^2\})$	68719476736
8	$\mathcal{O}(4; \{2^2, 4^{12}, 8^2\})$	274877906944
8	$\mathcal{O}(4; \{2^{15}, 4, 8^4\})$	2147483648
8	$\mathcal{O}(4; \{2^{12}, 4^3, 8^4\})$	8589934592
8	$\mathcal{O}(4; \{2^9, 4^5, 8^4\})$	34359738368
8	$\mathcal{O}(4; \{2^6, 4^7, 8^4\})$	137438953472
8	$\mathcal{O}(4; \{2^3, 4^9, 8^4\})$	549755813888
8	$\mathcal{O}(4; \{4^{11}, 8^4\})$	219902325552
8	$\mathcal{O}(4; \{2^{13}, 8^6\})$	17179869184
8	$\mathcal{O}(4; \{2^{10}, 4^2, 8^6\})$	68719476736
8	$\mathcal{O}(4; \{2^7, 4^4, 8^6\})$	274877906944
8	$\mathcal{O}(4; \{2^4, 4^6, 8^6\})$	1099511627776
8	$\mathcal{O}(4; \{2, 4^8, 8^6\})$	4398046511104
8	$\mathcal{O}(4; \{2^8, 4, 8^8\})$	549755813888
8	$\mathcal{O}(4; \{2^5, 4^3, 8^8\})$	219902325552
8	$\mathcal{O}(4; \{2^2, 4^5, 8^8\})$	8796093022208
8	$\mathcal{O}(4; \{2^6, 8^{10}\})$	4398046511104
8	$\mathcal{O}(4; \{2^3, 4^2, 8^{10}\})$	17592186044416
8	$\mathcal{O}(4; \{4^4, 8^{10}\})$	70368744177664
8	$\mathcal{O}(4; \{2, 4, 8^{12}\})$	140737488355328
8	$\mathcal{O}(3; \{2^{24}, 8^2\})$	1048576
8	$\mathcal{O}(3; \{2^{21}, 4^2, 8^2\})$	4194304
8	$\mathcal{O}(3; \{2^{18}, 4^4, 8^2\})$	16777216
8	$\mathcal{O}(3; \{2^{15}, 4^6, 8^2\})$	67108864
8	$\mathcal{O}(3; \{2^{12}, 4^8, 8^2\})$	268435456
8	$\mathcal{O}(3; \{2^9, 4^{10}, 8^2\})$	1073741824
8	$\mathcal{O}(3; \{2^6, 4^{12}, 8^2\})$	4294967296
8	$\mathcal{O}(3; \{2^3, 4^{14}, 8^2\})$	17179869184
8	$\mathcal{O}(3; \{4^{16}, 8^2\})$	68719476736
8	$\mathcal{O}(3; \{2^{19}, 4, 8^4\})$	33554432
8	$\mathcal{O}(3; \{2^{16}, 4^3, 8^4\})$	134217728
8	$\mathcal{O}(3; \{2^{13}, 4^5, 8^4\})$	536870912
8	$\mathcal{O}(3; \{2^{10}, 4^7, 8^4\})$	2147483648
8	$\mathcal{O}(3; \{2^7, 4^9, 8^4\})$	8589934592
8	$\mathcal{O}(3; \{2^4, 4^{11}, 8^4\})$	34359738368
8	$\mathcal{O}(3; \{2, 4^{13}, 8^4\})$	137438953472

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{2^{17}, 8^6\})$	268435456
8	$\mathcal{O}(3; \{2^{14}, 4^2, 8^6\})$	1073741824
8	$\mathcal{O}(3; \{2^{11}, 4^4, 8^6\})$	4294967296
8	$\mathcal{O}(3; \{2^8, 4^6, 8^6\})$	17179869184
8	$\mathcal{O}(3; \{2^5, 4^8, 8^6\})$	68719476736
8	$\mathcal{O}(3; \{2^2, 4^{10}, 8^6\})$	274877906944
8	$\mathcal{O}(3; \{2^{12}, 4, 8^8\})$	8589934592
8	$\mathcal{O}(3; \{2^9, 4^3, 8^8\})$	34359738368
8	$\mathcal{O}(3; \{2^6, 4^5, 8^8\})$	137438953472
8	$\mathcal{O}(3; \{2^3, 4^7, 8^8\})$	549755813888
8	$\mathcal{O}(3; \{4^9, 8^8\})$	2199023255552
8	$\mathcal{O}(3; \{2^{10}, 8^{10}\})$	68719476736
8	$\mathcal{O}(3; \{2^7, 4^2, 8^{10}\})$	274877906944
8	$\mathcal{O}(3; \{2^4, 4^4, 8^{10}\})$	1099511627776
8	$\mathcal{O}(3; \{2, 4^6, 8^{10}\})$	4398046511104
8	$\mathcal{O}(3; \{2^5, 4, 8^{12}\})$	2199023255552
8	$\mathcal{O}(3; \{2^2, 4^3, 8^{12}\})$	8796093022208
8	$\mathcal{O}(3; \{2^3, 8^{14}\})$	17592186044416
8	$\mathcal{O}(3; \{4^2, 8^{14}\})$	70368744177664
8	$\mathcal{O}(2; \{2^{28}, 8^2\})$	16384
8	$\mathcal{O}(2; \{2^{25}, 4^2, 8^2\})$	65536
8	$\mathcal{O}(2; \{2^{22}, 4^4, 8^2\})$	262144
8	$\mathcal{O}(2; \{2^{19}, 4^6, 8^2\})$	1048576
8	$\mathcal{O}(2; \{2^{16}, 4^8, 8^2\})$	4194304
8	$\mathcal{O}(2; \{2^{13}, 4^{10}, 8^2\})$	16777216
8	$\mathcal{O}(2; \{2^{10}, 4^{12}, 8^2\})$	67108864
8	$\mathcal{O}(2; \{2^7, 4^{14}, 8^2\})$	268435456
8	$\mathcal{O}(2; \{2^4, 4^{16}, 8^2\})$	1073741824
8	$\mathcal{O}(2; \{2, 4^{18}, 8^2\})$	4294967296
8	$\mathcal{O}(2; \{2^{23}, 4, 8^4\})$	524288
8	$\mathcal{O}(2; \{2^{20}, 4^3, 8^4\})$	2097152
8	$\mathcal{O}(2; \{2^{17}, 4^5, 8^4\})$	8388608
8	$\mathcal{O}(2; \{2^{14}, 4^7, 8^4\})$	33554432
8	$\mathcal{O}(2; \{2^{11}, 4^9, 8^4\})$	134217728
8	$\mathcal{O}(2; \{2^8, 4^{11}, 8^4\})$	536870912
8	$\mathcal{O}(2; \{2^5, 4^{13}, 8^4\})$	2147483648
8	$\mathcal{O}(2; \{2^2, 4^{15}, 8^4\})$	8589934592
8	$\mathcal{O}(2; \{2^{21}, 8^6\})$	4194304
8	$\mathcal{O}(2; \{2^{18}, 4^2, 8^6\})$	16777216
8	$\mathcal{O}(2; \{2^{15}, 4^4, 8^6\})$	67108864
8	$\mathcal{O}(2; \{2^{12}, 4^6, 8^6\})$	268435456
8	$\mathcal{O}(2; \{2^9, 4^8, 8^6\})$	1073741824
8	$\mathcal{O}(2; \{2^6, 4^{10}, 8^6\})$	4294967296

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^3, 4^{12}, 8^6\})$	17179869184
8	$\mathcal{O}(2; \{4^{14}, 8^6\})$	68719476736
8	$\mathcal{O}(2; \{2^{16}, 4, 8^8\})$	134217728
8	$\mathcal{O}(2; \{2^{13}, 4^3, 8^8\})$	536870912
8	$\mathcal{O}(2; \{2^{10}, 4^5, 8^8\})$	2147483648
8	$\mathcal{O}(2; \{2^7, 4^7, 8^8\})$	8589934592
8	$\mathcal{O}(2; \{2^4, 4^9, 8^8\})$	34359738368
8	$\mathcal{O}(2; \{2, 4^{11}, 8^8\})$	137438953472
8	$\mathcal{O}(2; \{2^{14}, 8^{10}\})$	1073741824
8	$\mathcal{O}(2; \{2^{11}, 4^2, 8^{10}\})$	4294967296
8	$\mathcal{O}(2; \{2^8, 4^4, 8^{10}\})$	17179869184
8	$\mathcal{O}(2; \{2^5, 4^6, 8^{10}\})$	68719476736
8	$\mathcal{O}(2; \{2^2, 4^8, 8^{10}\})$	274877906944
8	$\mathcal{O}(2; \{2^9, 4, 8^{12}\})$	34359738368
8	$\mathcal{O}(2; \{2^6, 4^3, 8^{12}\})$	137438953472
8	$\mathcal{O}(2; \{2^3, 4^5, 8^{12}\})$	549755813888
8	$\mathcal{O}(2; \{4^7, 8^{12}\})$	219902325552
8	$\mathcal{O}(2; \{2^7, 8^{14}\})$	274877906944
8	$\mathcal{O}(2; \{2^4, 4^2, 8^{14}\})$	1099511627776
8	$\mathcal{O}(2; \{2, 4^4, 8^{14}\})$	4398046511104
8	$\mathcal{O}(2; \{2^2, 4, 8^{16}\})$	8796093022208
8	$\mathcal{O}(2; \{8^{18}\})$	70368744177664
8	$\mathcal{O}(1; \{2^{32}, 8^2\})$	256
8	$\mathcal{O}(1; \{2^{29}, 4^2, 8^2\})$	1024
8	$\mathcal{O}(1; \{2^{26}, 4^4, 8^2\})$	4096
8	$\mathcal{O}(1; \{2^{23}, 4^6, 8^2\})$	16384
8	$\mathcal{O}(1; \{2^{20}, 4^8, 8^2\})$	65536
8	$\mathcal{O}(1; \{2^{17}, 4^{10}, 8^2\})$	262144
8	$\mathcal{O}(1; \{2^{14}, 4^{12}, 8^2\})$	1048576
8	$\mathcal{O}(1; \{2^{11}, 4^{14}, 8^2\})$	4194304
8	$\mathcal{O}(1; \{2^8, 4^{16}, 8^2\})$	16777216
8	$\mathcal{O}(1; \{2^5, 4^{18}, 8^2\})$	67108864
8	$\mathcal{O}(1; \{2^2, 4^{20}, 8^2\})$	268435456
8	$\mathcal{O}(1; \{2^{27}, 4, 8^4\})$	8192
8	$\mathcal{O}(1; \{2^{24}, 4^3, 8^4\})$	32768
8	$\mathcal{O}(1; \{2^{21}, 4^5, 8^4\})$	131072
8	$\mathcal{O}(1; \{2^{18}, 4^7, 8^4\})$	524288
8	$\mathcal{O}(1; \{2^{15}, 4^9, 8^4\})$	2097152
8	$\mathcal{O}(1; \{2^{12}, 4^{11}, 8^4\})$	8388608
8	$\mathcal{O}(1; \{2^9, 4^{13}, 8^4\})$	33554432
8	$\mathcal{O}(1; \{2^6, 4^{15}, 8^4\})$	134217728
8	$\mathcal{O}(1; \{2^3, 4^{17}, 8^4\})$	536870912
8	$\mathcal{O}(1; \{4^{19}, 8^4\})$	2147483648

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^{25}, 8^6\})$	65536
8	$\mathcal{O}(1; \{2^{22}, 4^2, 8^6\})$	262144
8	$\mathcal{O}(1; \{2^{19}, 4^4, 8^6\})$	1048576
8	$\mathcal{O}(1; \{2^{16}, 4^6, 8^6\})$	4194304
8	$\mathcal{O}(1; \{2^{13}, 4^8, 8^6\})$	16777216
8	$\mathcal{O}(1; \{2^{10}, 4^{10}, 8^6\})$	67108864
8	$\mathcal{O}(1; \{2^7, 4^{12}, 8^6\})$	268435456
8	$\mathcal{O}(1; \{2^4, 4^{14}, 8^6\})$	1073741824
8	$\mathcal{O}(1; \{2, 4^{16}, 8^6\})$	4294967296
8	$\mathcal{O}(1; \{2^{20}, 4, 8^8\})$	2097152
8	$\mathcal{O}(1; \{2^{17}, 4^3, 8^8\})$	8388608
8	$\mathcal{O}(1; \{2^{14}, 4^5, 8^8\})$	33554432
8	$\mathcal{O}(1; \{2^{11}, 4^7, 8^8\})$	134217728
8	$\mathcal{O}(1; \{2^8, 4^9, 8^8\})$	536870912
8	$\mathcal{O}(1; \{2^5, 4^{11}, 8^8\})$	2147483648
8	$\mathcal{O}(1; \{2^2, 4^{13}, 8^8\})$	8589934592
8	$\mathcal{O}(1; \{2^{18}, 8^{10}\})$	16777216
8	$\mathcal{O}(1; \{2^{15}, 4^2, 8^{10}\})$	67108864
8	$\mathcal{O}(1; \{2^{12}, 4^4, 8^{10}\})$	268435456
8	$\mathcal{O}(1; \{2^9, 4^6, 8^{10}\})$	1073741824
8	$\mathcal{O}(1; \{2^6, 4^8, 8^{10}\})$	4294967296
8	$\mathcal{O}(1; \{2^3, 4^{10}, 8^{10}\})$	17179869184
8	$\mathcal{O}(1; \{4^{12}, 8^{10}\})$	68719476736
8	$\mathcal{O}(1; \{2^{13}, 4, 8^{12}\})$	536870912
8	$\mathcal{O}(1; \{2^{10}, 4^3, 8^{12}\})$	2147483648
8	$\mathcal{O}(1; \{2^7, 4^5, 8^{12}\})$	8589934592
8	$\mathcal{O}(1; \{2^4, 4^7, 8^{12}\})$	34359738368
8	$\mathcal{O}(1; \{2, 4^9, 8^{12}\})$	137438953472
8	$\mathcal{O}(1; \{2^{11}, 8^{14}\})$	4294967296
8	$\mathcal{O}(1; \{2^8, 4^2, 8^{14}\})$	17179869184
8	$\mathcal{O}(1; \{2^5, 4^4, 8^{14}\})$	68719476736
8	$\mathcal{O}(1; \{2^2, 4^6, 8^{14}\})$	274877906944
8	$\mathcal{O}(1; \{2^6, 4, 8^{16}\})$	137438953472
8	$\mathcal{O}(1; \{2^3, 4^3, 8^{16}\})$	549755813888
8	$\mathcal{O}(1; \{4^5, 8^{16}\})$	2199023255552
8	$\mathcal{O}(1; \{2^4, 8^{18}\})$	1099511627776
8	$\mathcal{O}(1; \{2, 4^2, 8^{18}\})$	4398046511104
8	$\mathcal{O}(0; \{2^{36}, 8^2\})$	4
8	$\mathcal{O}(0; \{2^{33}, 4^2, 8^2\})$	16
8	$\mathcal{O}(0; \{2^{30}, 4^4, 8^2\})$	64
8	$\mathcal{O}(0; \{2^{27}, 4^6, 8^2\})$	256
8	$\mathcal{O}(0; \{2^{24}, 4^8, 8^2\})$	1024
8	$\mathcal{O}(0; \{2^{21}, 4^{10}, 8^2\})$	4096

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^{18}, 4^{12}, 8^2\})$	16384
8	$\mathcal{O}(0; \{2^{15}, 4^{14}, 8^2\})$	65536
8	$\mathcal{O}(0; \{2^{12}, 4^{16}, 8^2\})$	262144
8	$\mathcal{O}(0; \{2^9, 4^{18}, 8^2\})$	1048576
8	$\mathcal{O}(0; \{2^6, 4^{20}, 8^2\})$	4194304
8	$\mathcal{O}(0; \{2^3, 4^{22}, 8^2\})$	16777216
8	$\mathcal{O}(0; \{4^{24}, 8^2\})$	67108864
8	$\mathcal{O}(0; \{2^{31}, 4, 8^4\})$	128
8	$\mathcal{O}(0; \{2^{28}, 4^3, 8^4\})$	512
8	$\mathcal{O}(0; \{2^{25}, 4^5, 8^4\})$	2048
8	$\mathcal{O}(0; \{2^{22}, 4^7, 8^4\})$	8192
8	$\mathcal{O}(0; \{2^{19}, 4^9, 8^4\})$	32768
8	$\mathcal{O}(0; \{2^{16}, 4^{11}, 8^4\})$	131072
8	$\mathcal{O}(0; \{2^{13}, 4^{13}, 8^4\})$	524288
8	$\mathcal{O}(0; \{2^{10}, 4^{15}, 8^4\})$	2097152
8	$\mathcal{O}(0; \{2^7, 4^{17}, 8^4\})$	8388608
8	$\mathcal{O}(0; \{2^4, 4^{19}, 8^4\})$	33554432
8	$\mathcal{O}(0; \{2, 4^{21}, 8^4\})$	134217728
8	$\mathcal{O}(0; \{2^{29}, 8^6\})$	1024
8	$\mathcal{O}(0; \{2^{26}, 4^2, 8^6\})$	4096
8	$\mathcal{O}(0; \{2^{23}, 4^4, 8^6\})$	16384
8	$\mathcal{O}(0; \{2^{20}, 4^6, 8^6\})$	65536
8	$\mathcal{O}(0; \{2^{17}, 4^8, 8^6\})$	262144
8	$\mathcal{O}(0; \{2^{14}, 4^{10}, 8^6\})$	1048576
8	$\mathcal{O}(0; \{2^{11}, 4^{12}, 8^6\})$	4194304
8	$\mathcal{O}(0; \{2^8, 4^{14}, 8^6\})$	16777216
8	$\mathcal{O}(0; \{2^5, 4^{16}, 8^6\})$	67108864
8	$\mathcal{O}(0; \{2^2, 4^{18}, 8^6\})$	268435456
8	$\mathcal{O}(0; \{2^{24}, 4, 8^8\})$	32768
8	$\mathcal{O}(0; \{2^{21}, 4^3, 8^8\})$	131072
8	$\mathcal{O}(0; \{2^{18}, 4^5, 8^8\})$	524288
8	$\mathcal{O}(0; \{2^{15}, 4^7, 8^8\})$	2097152
8	$\mathcal{O}(0; \{2^{12}, 4^9, 8^8\})$	8388608
8	$\mathcal{O}(0; \{2^9, 4^{11}, 8^8\})$	33554432
8	$\mathcal{O}(0; \{2^6, 4^{13}, 8^8\})$	134217728
8	$\mathcal{O}(0; \{2^3, 4^{15}, 8^8\})$	536870912
8	$\mathcal{O}(0; \{4^{17}, 8^8\})$	2147483648
8	$\mathcal{O}(0; \{2^{22}, 8^{10}\})$	262144
8	$\mathcal{O}(0; \{2^{19}, 4^2, 8^{10}\})$	1048576
8	$\mathcal{O}(0; \{2^{16}, 4^4, 8^{10}\})$	4194304
8	$\mathcal{O}(0; \{2^{13}, 4^6, 8^{10}\})$	16777216
8	$\mathcal{O}(0; \{2^{10}, 4^8, 8^{10}\})$	67108864
8	$\mathcal{O}(0; \{2^7, 4^{10}, 8^{10}\})$	268435456

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^4, 4^{12}, 8^{10}\})$	1073741824
8	$\mathcal{O}(0; \{2, 4^{14}, 8^{10}\})$	4294967296
8	$\mathcal{O}(0; \{2^{17}, 4, 8^{12}\})$	8388608
8	$\mathcal{O}(0; \{2^{14}, 4^3, 8^{12}\})$	33554432
8	$\mathcal{O}(0; \{2^{11}, 4^5, 8^{12}\})$	134217728
8	$\mathcal{O}(0; \{2^8, 4^7, 8^{12}\})$	536870912
8	$\mathcal{O}(0; \{2^5, 4^9, 8^{12}\})$	2147483648
8	$\mathcal{O}(0; \{2^2, 4^{11}, 8^{12}\})$	8589934592
8	$\mathcal{O}(0; \{2^{15}, 8^{14}\})$	67108864
8	$\mathcal{O}(0; \{2^{12}, 4^2, 8^{14}\})$	268435456
8	$\mathcal{O}(0; \{2^9, 4^4, 8^{14}\})$	1073741824
8	$\mathcal{O}(0; \{2^6, 4^6, 8^{14}\})$	4294967296
8	$\mathcal{O}(0; \{2^3, 4^8, 8^{14}\})$	17179869184
8	$\mathcal{O}(0; \{4^{10}, 8^{14}\})$	68719476736
8	$\mathcal{O}(0; \{2^{10}, 4, 8^{16}\})$	2147483648
8	$\mathcal{O}(0; \{2^7, 4^3, 8^{16}\})$	8589934592
8	$\mathcal{O}(0; \{2^4, 4^5, 8^{16}\})$	34359738368
8	$\mathcal{O}(0; \{2, 4^7, 8^{16}\})$	137438953472
8	$\mathcal{O}(0; \{2^8, 8^{18}\})$	17179869184
8	$\mathcal{O}(0; \{2^5, 4^2, 8^{18}\})$	68719476736
8	$\mathcal{O}(0; \{2^2, 4^4, 8^{18}\})$	274877906944
8	$\mathcal{O}(0; \{2^3, 4, 8^{20}\})$	549755813888
8	$\mathcal{O}(0; \{4^3, 8^{20}\})$	2199023255552
8	$\mathcal{O}(0; \{2, 8^{22}\})$	4398046511104
9	$\mathcal{O}(8; \{9^2\})$	11118121133111046
9	$\mathcal{O}(7; \{3^3, 9^2\})$	1098086037838128
9	$\mathcal{O}(6; \{3^6, 9^2\})$	108452942008704
9	$\mathcal{O}(6; \{3^2, 9^5\})$	915071698198440
9	$\mathcal{O}(5; \{3^9, 9^2\})$	10711401679872
9	$\mathcal{O}(5; \{3^5, 9^5\})$	90377451673920
9	$\mathcal{O}(5; \{3, 9^8\})$	1311602767417764
9	$\mathcal{O}(4; \{3^{12}, 9^2\})$	1057916215296
9	$\mathcal{O}(4; \{3^8, 9^5\})$	8926168066560
9	$\mathcal{O}(4; \{3^4, 9^8\})$	129541014065952
9	$\mathcal{O}(4; \{9^{11}\})$	1733552494920378
9	$\mathcal{O}(3; \{3^{15}, 9^2\})$	104485552128
9	$\mathcal{O}(3; \{3^{11}, 9^5\})$	881596846080
9	$\mathcal{O}(3; \{3^7, 9^8\})$	12794174228736
9	$\mathcal{O}(3; \{3^3, 9^{11}\})$	171215061226704
9	$\mathcal{O}(2; \{3^{18}, 9^2\})$	10319560704
9	$\mathcal{O}(2; \{3^{14}, 9^5\})$	87071293440
9	$\mathcal{O}(2; \{3^{10}, 9^8\})$	1263622146048
9	$\mathcal{O}(2; \{3^6, 9^{11}\})$	16910129503872

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(2; \{3^2, 9^{14}\})$	228537796779144
9	$\mathcal{O}(1; \{3^{21}, 9^2\})$	1019215872
9	$\mathcal{O}(1; \{3^{17}, 9^5\})$	8599633920
9	$\mathcal{O}(1; \{3^{13}, 9^8\})$	124802187264
9	$\mathcal{O}(1; \{3^9, 9^{11}\})$	1670136247296
9	$\mathcal{O}(1; \{3^5, 9^{14}\})$	22571634249792
9	$\mathcal{O}(1; \{3, 9^{17}\})$	304675220959380
9	$\mathcal{O}(0; \{3^{24}, 9^2\})$	100663296
9	$\mathcal{O}(0; \{3^{20}, 9^5\})$	849346560
9	$\mathcal{O}(0; \{3^{16}, 9^8\})$	12326141952
9	$\mathcal{O}(0; \{3^{12}, 9^{11}\})$	164951728128
9	$\mathcal{O}(0; \{3^8, 9^{14}\})$	2229297209856
9	$\mathcal{O}(0; \{3^4, 9^{17}\})$	30091379847840
9	$\mathcal{O}(0; \{9^{20}\})$	406240601514642
10	$\mathcal{O}(7; \{2, 5, 10\})$	400000000000000
10	$\mathcal{O}(6; \{2^2, 5^4\})$	520000000000000
10	$\mathcal{O}(6; \{2^5, 5, 10\})$	400000000000000
10	$\mathcal{O}(6; \{5^3, 10^2\})$	204000000000000
10	$\mathcal{O}(6; \{2^3, 10^3\})$	120000000000000
10	$\mathcal{O}(5; \{2^6, 5^4\})$	520000000000000
10	$\mathcal{O}(5; \{2^9, 5, 10\})$	400000000000000
10	$\mathcal{O}(5; \{2, 5^6, 10\})$	327600000000000
10	$\mathcal{O}(5; \{2^4, 5^3, 10^2\})$	204000000000000
10	$\mathcal{O}(5; \{2^7, 10^3\})$	120000000000000
10	$\mathcal{O}(5; \{2^2, 5^2, 10^4\})$	820000000000000
10	$\mathcal{O}(5; \{5, 10^6\})$	327600000000000
10	$\mathcal{O}(4; \{2^{10}, 5^4\})$	520000000000000
10	$\mathcal{O}(4; \{2^2, 5^9\})$	524280000000000
10	$\mathcal{O}(4; \{2^{13}, 5, 10\})$	400000000000000
10	$\mathcal{O}(4; \{2^5, 5^6, 10\})$	327600000000000
10	$\mathcal{O}(4; \{2^8, 5^3, 10^2\})$	204000000000000
10	$\mathcal{O}(4; \{5^8, 10^2\})$	209716000000000
10	$\mathcal{O}(4; \{2^{11}, 10^3\})$	120000000000000
10	$\mathcal{O}(4; \{2^3, 5^5, 10^3\})$	131080000000000
10	$\mathcal{O}(4; \{2^6, 5^2, 10^4\})$	820000000000000
10	$\mathcal{O}(4; \{2, 5^4, 10^5\})$	524280000000000
10	$\mathcal{O}(4; \{2^4, 5, 10^6\})$	327600000000000
10	$\mathcal{O}(4; \{2^2, 10^8\})$	131080000000000
10	$\mathcal{O}(3; \{2^{14}, 5^4\})$	520000000000000
10	$\mathcal{O}(3; \{2^6, 5^9\})$	524280000000000
10	$\mathcal{O}(3; \{2^{17}, 5, 10\})$	400000000000000
10	$\mathcal{O}(3; \{2^9, 5^6, 10\})$	327600000000000
10	$\mathcal{O}(3; \{2, 5^{11}, 10\})$	335544400000000

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{2^{12}, 5^3, 10^2\})$	204000000
10	$\mathcal{O}(3; \{2^4, 5^8, 10^2\})$	209716000000
10	$\mathcal{O}(3; \{2^{15}, 10^3\})$	12000000
10	$\mathcal{O}(3; \{2^7, 5^5, 10^3\})$	13108000000
10	$\mathcal{O}(3; \{2^{10}, 5^2, 10^4\})$	820000000
10	$\mathcal{O}(3; \{2^2, 5^7, 10^4\})$	838860000000
10	$\mathcal{O}(3; \{2^5, 5^4, 10^5\})$	52428000000
10	$\mathcal{O}(3; \{2^8, 5, 10^6\})$	3276000000
10	$\mathcal{O}(3; \{5^6, 10^6\})$	3355444000000
10	$\mathcal{O}(3; \{2^3, 5^3, 10^7\})$	209716000000
10	$\mathcal{O}(3; \{2^6, 10^8\})$	13108000000
10	$\mathcal{O}(3; \{2, 5^2, 10^9\})$	838860000000
10	$\mathcal{O}(2; \{2^{18}, 5^4\})$	520000
10	$\mathcal{O}(2; \{2^{10}, 5^9\})$	524280000
10	$\mathcal{O}(2; \{2^2, 5^{14}\})$	536870920000
10	$\mathcal{O}(2; \{2^{21}, 5, 10\})$	40000
10	$\mathcal{O}(2; \{2^{13}, 5^6, 10\})$	32760000
10	$\mathcal{O}(2; \{2^5, 5^{11}, 10\})$	33554440000
10	$\mathcal{O}(2; \{2^{16}, 5^3, 10^2\})$	2040000
10	$\mathcal{O}(2; \{2^8, 5^8, 10^2\})$	2097160000
10	$\mathcal{O}(2; \{5^{13}, 10^2\})$	2147483640000
10	$\mathcal{O}(2; \{2^{19}, 10^3\})$	120000
10	$\mathcal{O}(2; \{2^{11}, 5^5, 10^3\})$	131080000
10	$\mathcal{O}(2; \{2^3, 5^{10}, 10^3\})$	134217720000
10	$\mathcal{O}(2; \{2^{14}, 5^2, 10^4\})$	8200000
10	$\mathcal{O}(2; \{2^6, 5^7, 10^4\})$	8388600000
10	$\mathcal{O}(2; \{2^9, 5^4, 10^5\})$	524280000
10	$\mathcal{O}(2; \{2, 5^9, 10^5\})$	536870920000
10	$\mathcal{O}(2; \{2^{12}, 5, 10^6\})$	32760000
10	$\mathcal{O}(2; \{2^4, 5^6, 10^6\})$	33554440000
10	$\mathcal{O}(2; \{2^7, 5^3, 10^7\})$	2097160000
10	$\mathcal{O}(2; \{2^{10}, 10^8\})$	131080000
10	$\mathcal{O}(2; \{2^2, 5^5, 10^8\})$	134217720000
10	$\mathcal{O}(2; \{2^5, 5^2, 10^9\})$	8388600000
10	$\mathcal{O}(2; \{5^4, 10^{10}\})$	536870920000
10	$\mathcal{O}(2; \{2^3, 5, 10^{11}\})$	33554440000
10	$\mathcal{O}(2; \{2, 10^{13}\})$	134217720000
10	$\mathcal{O}(1; \{2^{22}, 5^4\})$	5200
10	$\mathcal{O}(1; \{2^{14}, 5^9\})$	5242800
10	$\mathcal{O}(1; \{2^6, 5^{14}\})$	5368709200
10	$\mathcal{O}(1; \{2^{25}, 5, 10\})$	400
10	$\mathcal{O}(1; \{2^{17}, 5^6, 10\})$	327600
10	$\mathcal{O}(1; \{2^9, 5^{11}, 10\})$	335544400

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{2, 5^{16}, 10\})$	343597383600
10	$\mathcal{O}(1; \{2^{20}, 5^3, 10^2\})$	20400
10	$\mathcal{O}(1; \{2^{12}, 5^8, 10^2\})$	20971600
10	$\mathcal{O}(1; \{2^4, 5^{13}, 10^2\})$	21474836400
10	$\mathcal{O}(1; \{2^{23}, 10^3\})$	1200
10	$\mathcal{O}(1; \{2^{15}, 5^5, 10^3\})$	1310800
10	$\mathcal{O}(1; \{2^7, 5^{10}, 10^3\})$	1342177200
10	$\mathcal{O}(1; \{2^{18}, 5^2, 10^4\})$	82000
10	$\mathcal{O}(1; \{2^{10}, 5^7, 10^4\})$	83886000
10	$\mathcal{O}(1; \{2^2, 5^{12}, 10^4\})$	85899346000
10	$\mathcal{O}(1; \{2^{13}, 5^4, 10^5\})$	5242800
10	$\mathcal{O}(1; \{2^5, 5^9, 10^5\})$	5368709200
10	$\mathcal{O}(1; \{2^{16}, 5, 10^6\})$	327600
10	$\mathcal{O}(1; \{2^8, 5^6, 10^6\})$	335544400
10	$\mathcal{O}(1; \{5^{11}, 10^6\})$	343597383600
10	$\mathcal{O}(1; \{2^{11}, 5^3, 10^7\})$	20971600
10	$\mathcal{O}(1; \{2^3, 5^8, 10^7\})$	21474836400
10	$\mathcal{O}(1; \{2^{14}, 10^8\})$	1310800
10	$\mathcal{O}(1; \{2^6, 5^5, 10^8\})$	1342177200
10	$\mathcal{O}(1; \{2^9, 5^2, 10^9\})$	83886000
10	$\mathcal{O}(1; \{2, 5^7, 10^9\})$	85899346000
10	$\mathcal{O}(1; \{2^4, 5^4, 10^{10}\})$	5368709200
10	$\mathcal{O}(1; \{2^7, 5, 10^{11}\})$	335544400
10	$\mathcal{O}(1; \{2^2, 5^3, 10^{12}\})$	21474836400
10	$\mathcal{O}(1; \{2^5, 10^{13}\})$	1342177200
10	$\mathcal{O}(1; \{5^2, 10^{14}\})$	85899346000
10	$\mathcal{O}(0; \{2^{26}, 5^4\})$	52
10	$\mathcal{O}(0; \{2^{18}, 5^9\})$	52428
10	$\mathcal{O}(0; \{2^{10}, 5^{14}\})$	53687092
10	$\mathcal{O}(0; \{2^2, 5^{19}\})$	54975581388
10	$\mathcal{O}(0; \{2^{29}, 5, 10\})$	4
10	$\mathcal{O}(0; \{2^{21}, 5^6, 10\})$	3276
10	$\mathcal{O}(0; \{2^{13}, 5^{11}, 10\})$	3355444
10	$\mathcal{O}(0; \{2^5, 5^{16}, 10\})$	3435973836
10	$\mathcal{O}(0; \{2^{24}, 5^3, 10^2\})$	204
10	$\mathcal{O}(0; \{2^{16}, 5^8, 10^2\})$	209716
10	$\mathcal{O}(0; \{2^8, 5^{13}, 10^2\})$	214748364
10	$\mathcal{O}(0; \{5^{18}, 10^2\})$	219902325556
10	$\mathcal{O}(0; \{2^{27}, 10^3\})$	12
10	$\mathcal{O}(0; \{2^{19}, 5^5, 10^3\})$	13108
10	$\mathcal{O}(0; \{2^{11}, 5^{10}, 10^3\})$	13421772
10	$\mathcal{O}(0; \{2^3, 5^{15}, 10^3\})$	13743895348
10	$\mathcal{O}(0; \{2^{22}, 5^2, 10^4\})$	820

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{2^{14}, 5^7, 10^4\})$	838860
10	$\mathcal{O}(0; \{2^6, 5^{12}, 10^4\})$	858993460
10	$\mathcal{O}(0; \{2^{17}, 5^4, 10^5\})$	52428
10	$\mathcal{O}(0; \{2^9, 5^9, 10^5\})$	53687092
10	$\mathcal{O}(0; \{2, 5^{14}, 10^5\})$	54975581388
10	$\mathcal{O}(0; \{2^{20}, 5, 10^6\})$	3276
10	$\mathcal{O}(0; \{2^{12}, 5^6, 10^6\})$	3355444
10	$\mathcal{O}(0; \{2^4, 5^{11}, 10^6\})$	3435973836
10	$\mathcal{O}(0; \{2^{15}, 5^3, 10^7\})$	209716
10	$\mathcal{O}(0; \{2^7, 5^8, 10^7\})$	214748364
10	$\mathcal{O}(0; \{2^{18}, 10^8\})$	13108
10	$\mathcal{O}(0; \{2^{10}, 5^5, 10^8\})$	13421772
10	$\mathcal{O}(0; \{2^2, 5^{10}, 10^8\})$	13743895348
10	$\mathcal{O}(0; \{2^{13}, 5^2, 10^9\})$	838860
10	$\mathcal{O}(0; \{2^5, 5^7, 10^9\})$	858993460
10	$\mathcal{O}(0; \{2^8, 5^4, 10^{10}\})$	53687092
10	$\mathcal{O}(0; \{5^9, 10^{10}\})$	54975581388
10	$\mathcal{O}(0; \{2^{11}, 5, 10^{11}\})$	3355444
10	$\mathcal{O}(0; \{2^3, 5^6, 10^{11}\})$	3435973836
10	$\mathcal{O}(0; \{2^6, 5^3, 10^{12}\})$	214748364
10	$\mathcal{O}(0; \{2^9, 10^{13}\})$	13421772
10	$\mathcal{O}(0; \{2, 5^5, 10^{13}\})$	13743895348
10	$\mathcal{O}(0; \{2^4, 5^2, 10^{14}\})$	858993460
10	$\mathcal{O}(0; \{2^2, 5, 10^{16}\})$	3435973836
10	$\mathcal{O}(0; \{10^{18}\})$	13743895348
11	$\mathcal{O}(2; \{11^{12}\})$	1331000000013310
12	$\mathcal{O}(6; \{12^2\})$	35664401793024
12	$\mathcal{O}(5; \{2^2, 3^2, 4^2\})$	247669456896
12	$\mathcal{O}(5; \{3, 4^2, 6^2\})$	247669456896
12	$\mathcal{O}(5; \{2^3, 3, 4, 12\})$	247669456896
12	$\mathcal{O}(5; \{3, 4^3, 12\})$	990677827584
12	$\mathcal{O}(5; \{3^2, 4, 6, 12\})$	743008370688
12	$\mathcal{O}(5; \{2, 4, 6^2, 12\})$	247669456896
12	$\mathcal{O}(5; \{2^4, 12^2\})$	247669456896
12	$\mathcal{O}(5; \{3^3, 12^2\})$	1238347284480
12	$\mathcal{O}(5; \{2, 4^2, 12^2\})$	990677827584
12	$\mathcal{O}(5; \{2, 3, 6, 12^2\})$	743008370688
12	$\mathcal{O}(4; \{2^6, 3^2, 4^2\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3^3, 4^2\})$	8599633920
12	$\mathcal{O}(4; \{2^3, 3^2, 4^4\})$	6879707136
12	$\mathcal{O}(4; \{3^2, 4^6\})$	27518828544
12	$\mathcal{O}(4; \{2^3, 3^3, 4^2, 6\})$	5159780352
12	$\mathcal{O}(4; \{3^3, 4^4, 6\})$	20639121408

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{2^4, 3, 4^2, 6^2\})$	1719926784
12	$\mathcal{O}(4; \{3^4, 4^2, 6^2\})$	18919194624
12	$\mathcal{O}(4; \{2, 3, 4^4, 6^2\})$	6879707136
12	$\mathcal{O}(4; \{2, 3^2, 4^2, 6^3\})$	8599633920
12	$\mathcal{O}(4; \{2^2, 4^2, 6^4\})$	5159780352
12	$\mathcal{O}(4; \{2^7, 3, 4, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^3, 3^4, 4, 12\})$	8599633920
12	$\mathcal{O}(4; \{2^4, 3, 4^3, 12\})$	6879707136
12	$\mathcal{O}(4; \{3^4, 4^3, 12\})$	34398535680
12	$\mathcal{O}(4; \{2, 3, 4^5, 12\})$	27518828544
12	$\mathcal{O}(4; \{2^4, 3^2, 4, 6, 12\})$	5159780352
12	$\mathcal{O}(4; \{3^5, 4, 6, 12\})$	36118462464
12	$\mathcal{O}(4; \{2, 3^2, 4^3, 6, 12\})$	20639121408
12	$\mathcal{O}(4; \{2^5, 4, 6^2, 12\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^3, 4, 6^2, 12\})$	18919194624
12	$\mathcal{O}(4; \{2^2, 4^3, 6^2, 12\})$	6879707136
12	$\mathcal{O}(4; \{2^2, 3, 4, 6^3, 12\})$	8599633920
12	$\mathcal{O}(4; \{4, 6^5, 12\})$	18919194624
12	$\mathcal{O}(4; \{2^8, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{2^4, 3^3, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{3^6, 12^2\})$	73956851712
12	$\mathcal{O}(4; \{2^5, 4^2, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{2, 3^3, 4^2, 12^2\})$	34398535680
12	$\mathcal{O}(4; \{2^2, 4^4, 12^2\})$	27518828544
12	$\mathcal{O}(4; \{2^5, 3, 6, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{2, 3^4, 6, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{2^2, 3, 4^2, 6, 12^2\})$	20639121408
12	$\mathcal{O}(4; \{2^2, 3^2, 6^2, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2^3, 6^3, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{4^2, 6^3, 12^2\})$	34398535680
12	$\mathcal{O}(4; \{3, 6^4, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{2^2, 3^2, 4, 12^3\})$	34398535680
12	$\mathcal{O}(4; \{2^3, 4, 6, 12^3\})$	20639121408
12	$\mathcal{O}(4; \{4^3, 6, 12^3\})$	82556485632
12	$\mathcal{O}(4; \{3, 4, 6^2, 12^3\})$	75676778496
12	$\mathcal{O}(4; \{2^3, 3, 12^4\})$	34398535680
12	$\mathcal{O}(4; \{3, 4^2, 12^4\})$	137594142720
12	$\mathcal{O}(4; \{3^2, 6, 12^4\})$	144473849856
12	$\mathcal{O}(4; \{2, 6^2, 12^4\})$	75676778496
12	$\mathcal{O}(4; \{2, 4, 12^5\})$	137594142720
12	$\mathcal{O}(3; \{2^{10}, 3^2, 4^2\})$	11943936
12	$\mathcal{O}(3; \{2^6, 3^5, 4^2\})$	59719680
12	$\mathcal{O}(3; \{2^2, 3^8, 4^2\})$	513589248

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^7, 3^2, 4^4\})$	47775744
12	$\mathcal{O}(3; \{2^3, 3^5, 4^4\})$	238878720
12	$\mathcal{O}(3; \{2^4, 3^2, 4^6\})$	191102976
12	$\mathcal{O}(3; \{3^5, 4^6\})$	955514880
12	$\mathcal{O}(3; \{2, 3^2, 4^8\})$	764411904
12	$\mathcal{O}(3; \{2^7, 3^3, 4^2, 6\})$	35831808
12	$\mathcal{O}(3; \{2^3, 3^6, 4^2, 6\})$	250822656
12	$\mathcal{O}(3; \{2^4, 3^3, 4^4, 6\})$	143327232
12	$\mathcal{O}(3; \{3^6, 4^4, 6\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^3, 4^6, 6\})$	573308928
12	$\mathcal{O}(3; \{2^8, 3, 4^2, 6^2\})$	11943936
12	$\mathcal{O}(3; \{2^4, 3^4, 4^2, 6^2\})$	131383296
12	$\mathcal{O}(3; \{3^7, 4^2, 6^2\})$	1015234560
12	$\mathcal{O}(3; \{2^5, 3, 4^4, 6^2\})$	47775744
12	$\mathcal{O}(3; \{2, 3^4, 4^4, 6^2\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3, 4^6, 6^2\})$	191102976
12	$\mathcal{O}(3; \{2^5, 3^2, 4^2, 6^3\})$	59719680
12	$\mathcal{O}(3; \{2, 3^5, 4^2, 6^3\})$	513589248
12	$\mathcal{O}(3; \{2^2, 3^2, 4^4, 6^3\})$	238878720
12	$\mathcal{O}(3; \{2^6, 4^2, 6^4\})$	35831808
12	$\mathcal{O}(3; \{2^2, 3^3, 4^2, 6^4\})$	250822656
12	$\mathcal{O}(3; \{2^3, 4^4, 6^4\})$	143327232
12	$\mathcal{O}(3; \{4^6, 6^4\})$	573308928
12	$\mathcal{O}(3; \{2^3, 3, 4^2, 6^5\})$	131383296
12	$\mathcal{O}(3; \{3, 4^4, 6^5\})$	525533184
12	$\mathcal{O}(3; \{3^2, 4^2, 6^6\})$	513589248
12	$\mathcal{O}(3; \{2, 4^2, 6^7\})$	250822656
12	$\mathcal{O}(3; \{2^{11}, 3, 4, 12\})$	11943936
12	$\mathcal{O}(3; \{2^7, 3^4, 4, 12\})$	59719680
12	$\mathcal{O}(3; \{2^3, 3^7, 4, 12\})$	513589248
12	$\mathcal{O}(3; \{2^8, 3, 4^3, 12\})$	47775744
12	$\mathcal{O}(3; \{2^4, 3^4, 4^3, 12\})$	238878720
12	$\mathcal{O}(3; \{3^7, 4^3, 12\})$	2054356992
12	$\mathcal{O}(3; \{2^5, 3, 4^5, 12\})$	191102976
12	$\mathcal{O}(3; \{2, 3^4, 4^5, 12\})$	955514880
12	$\mathcal{O}(3; \{2^2, 3, 4^7, 12\})$	764411904
12	$\mathcal{O}(3; \{2^8, 3^2, 4, 6, 12\})$	35831808
12	$\mathcal{O}(3; \{2^4, 3^5, 4, 6, 12\})$	250822656
12	$\mathcal{O}(3; \{3^8, 4, 6, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^5, 3^2, 4^3, 6, 12\})$	143327232
12	$\mathcal{O}(3; \{2, 3^5, 4^3, 6, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3^2, 4^5, 6, 12\})$	573308928
12	$\mathcal{O}(3; \{2^9, 4, 6^2, 12\})$	11943936

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^5, 3^3, 4, 6^2, 12\})$	131383296
12	$\mathcal{O}(3; \{2, 3^6, 4, 6^2, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^6, 4^3, 6^2, 12\})$	47775744
12	$\mathcal{O}(3; \{2^2, 3^3, 4^3, 6^2, 12\})$	525533184
12	$\mathcal{O}(3; \{2^3, 4^5, 6^2, 12\})$	191102976
12	$\mathcal{O}(3; \{4^7, 6^2, 12\})$	764411904
12	$\mathcal{O}(3; \{2^6, 3, 4, 6^3, 12\})$	59719680
12	$\mathcal{O}(3; \{2^2, 3^4, 4, 6^3, 12\})$	513589248
12	$\mathcal{O}(3; \{2^3, 3, 4^3, 6^3, 12\})$	238878720
12	$\mathcal{O}(3; \{3, 4^5, 6^3, 12\})$	955514880
12	$\mathcal{O}(3; \{2^3, 3^2, 4, 6^4, 12\})$	250822656
12	$\mathcal{O}(3; \{3^2, 4^3, 6^4, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^4, 4, 6^5, 12\})$	131383296
12	$\mathcal{O}(3; \{3^3, 4, 6^5, 12\})$	1015234560
12	$\mathcal{O}(3; \{2, 4^3, 6^5, 12\})$	525533184
12	$\mathcal{O}(3; \{2, 3, 4, 6^6, 12\})$	513589248
12	$\mathcal{O}(3; \{2^{12}, 12^2\})$	11943936
12	$\mathcal{O}(3; \{2^8, 3^3, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^4, 3^6, 12^2\})$	513589248
12	$\mathcal{O}(3; \{3^9, 12^2\})$	4072882176
12	$\mathcal{O}(3; \{2^9, 4^2, 12^2\})$	47775744
12	$\mathcal{O}(3; \{2^5, 3^3, 4^2, 12^2\})$	238878720
12	$\mathcal{O}(3; \{2, 3^6, 4^2, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{2^6, 4^4, 12^2\})$	191102976
12	$\mathcal{O}(3; \{2^2, 3^3, 4^4, 12^2\})$	955514880
12	$\mathcal{O}(3; \{2^3, 4^6, 12^2\})$	764411904
12	$\mathcal{O}(3; \{4^8, 12^2\})$	3057647616
12	$\mathcal{O}(3; \{2^9, 3, 6, 12^2\})$	35831808
12	$\mathcal{O}(3; \{2^5, 3^4, 6, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2, 3^7, 6, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2^6, 3, 4^2, 6, 12^2\})$	143327232
12	$\mathcal{O}(3; \{2^2, 3^4, 4^2, 6, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 3, 4^4, 6, 12^2\})$	573308928
12	$\mathcal{O}(3; \{3, 4^6, 6, 12^2\})$	2293235712
12	$\mathcal{O}(3; \{2^6, 3^2, 6^2, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^5, 6^2, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^3, 3^2, 4^2, 6^2, 12^2\})$	525533184
12	$\mathcal{O}(3; \{3^2, 4^4, 6^2, 12^2\})$	2102132736
12	$\mathcal{O}(3; \{2^7, 6^3, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^3, 3^3, 6^3, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^4, 4^2, 6^3, 12^2\})$	238878720
12	$\mathcal{O}(3; \{3^3, 4^2, 6^3, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{2, 4^4, 6^3, 12^2\})$	955514880

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^4, 3, 6^4, 12^2\})$	250822656
12	$\mathcal{O}(3; \{3^4, 6^4, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2, 3, 4^2, 6^4, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^2, 6^5, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^2, 6^6, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^6, 3^2, 4, 12^3\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3^5, 4, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2^3, 3^2, 4^3, 12^3\})$	955514880
12	$\mathcal{O}(3; \{3^2, 4^5, 12^3\})$	3822059520
12	$\mathcal{O}(3; \{2^7, 4, 6, 12^3\})$	143327232
12	$\mathcal{O}(3; \{2^3, 3^3, 4, 6, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{2^4, 4^3, 6, 12^3\})$	573308928
12	$\mathcal{O}(3; \{3^3, 4^3, 6, 12^3\})$	4013162496
12	$\mathcal{O}(3; \{2, 4^5, 6, 12^3\})$	2293235712
12	$\mathcal{O}(3; \{2^4, 3, 4, 6^2, 12^3\})$	525533184
12	$\mathcal{O}(3; \{3^4, 4, 6^2, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2, 3, 4^3, 6^2, 12^3\})$	2102132736
12	$\mathcal{O}(3; \{2, 3^2, 4, 6^3, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2^2, 4, 6^4, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{2^7, 3, 12^4\})$	238878720
12	$\mathcal{O}(3; \{2^3, 3^4, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2^4, 3, 4^2, 12^4\})$	955514880
12	$\mathcal{O}(3; \{3^4, 4^2, 12^4\})$	8217427968
12	$\mathcal{O}(3; \{2, 3, 4^4, 12^4\})$	3822059520
12	$\mathcal{O}(3; \{2^4, 3^2, 6, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{3^5, 6, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2, 3^2, 4^2, 6, 12^4\})$	4013162496
12	$\mathcal{O}(3; \{2^5, 6^2, 12^4\})$	525533184
12	$\mathcal{O}(3; \{2, 3^3, 6^2, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2^2, 4^2, 6^2, 12^4\})$	2102132736
12	$\mathcal{O}(3; \{2^2, 3, 6^3, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{6^5, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2^5, 4, 12^5\})$	955514880
12	$\mathcal{O}(3; \{2, 3^3, 4, 12^5\})$	8217427968
12	$\mathcal{O}(3; \{2^2, 4^3, 12^5\})$	3822059520
12	$\mathcal{O}(3; \{2^2, 3, 4, 6, 12^5\})$	4013162496
12	$\mathcal{O}(3; \{4, 6^3, 12^5\})$	8217427968
12	$\mathcal{O}(3; \{2^2, 3^2, 12^6\})$	8217427968
12	$\mathcal{O}(3; \{2^3, 6, 12^6\})$	4013162496
12	$\mathcal{O}(3; \{4^2, 6, 12^6\})$	16052649984
12	$\mathcal{O}(3; \{3, 6^2, 12^6\})$	16243752960
12	$\mathcal{O}(3; \{3, 4, 12^7\})$	32869711872
12	$\mathcal{O}(3; \{2, 12^8\})$	32869711872

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^{14}, 3^2, 4^2\})$	82944
12	$\mathcal{O}(2; \{2^{10}, 3^5, 4^2\})$	414720
12	$\mathcal{O}(2; \{2^6, 3^8, 4^2\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^{11}, 4^2\})$	28283904
12	$\mathcal{O}(2; \{2^{11}, 3^2, 4^4\})$	331776
12	$\mathcal{O}(2; \{2^7, 3^5, 4^4\})$	1658880
12	$\mathcal{O}(2; \{2^3, 3^8, 4^4\})$	14266368
12	$\mathcal{O}(2; \{2^8, 3^2, 4^6\})$	1327104
12	$\mathcal{O}(2; \{2^4, 3^5, 4^6\})$	6635520
12	$\mathcal{O}(2; \{3^8, 4^6\})$	57065472
12	$\mathcal{O}(2; \{2^5, 3^2, 4^8\})$	5308416
12	$\mathcal{O}(2; \{2, 3^5, 4^8\})$	26542080
12	$\mathcal{O}(2; \{2^2, 3^2, 4^{10}\})$	21233664
12	$\mathcal{O}(2; \{2^{11}, 3^3, 4^2, 6\})$	248832
12	$\mathcal{O}(2; \{2^7, 3^6, 4^2, 6\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^9, 4^2, 6\})$	14183424
12	$\mathcal{O}(2; \{2^8, 3^3, 4^4, 6\})$	995328
12	$\mathcal{O}(2; \{2^4, 3^6, 4^4, 6\})$	6967296
12	$\mathcal{O}(2; \{3^9, 4^4, 6\})$	56733696
12	$\mathcal{O}(2; \{2^5, 3^3, 4^6, 6\})$	3981312
12	$\mathcal{O}(2; \{2, 3^6, 4^6, 6\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^3, 4^8, 6\})$	15925248
12	$\mathcal{O}(2; \{2^{12}, 3, 4^2, 6^2\})$	82944
12	$\mathcal{O}(2; \{2^8, 3^4, 4^2, 6^2\})$	912384
12	$\mathcal{O}(2; \{2^4, 3^7, 4^2, 6^2\})$	7050240
12	$\mathcal{O}(2; \{3^{10}, 4^2, 6^2\})$	56650752
12	$\mathcal{O}(2; \{2^9, 3, 4^4, 6^2\})$	331776
12	$\mathcal{O}(2; \{2^5, 3^4, 4^4, 6^2\})$	3649536
12	$\mathcal{O}(2; \{2, 3^7, 4^4, 6^2\})$	28200960
12	$\mathcal{O}(2; \{2^6, 3, 4^6, 6^2\})$	1327104
12	$\mathcal{O}(2; \{2^2, 3^4, 4^6, 6^2\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3, 4^8, 6^2\})$	5308416
12	$\mathcal{O}(2; \{3, 4^{10}, 6^2\})$	21233664
12	$\mathcal{O}(2; \{2^9, 3^2, 4^2, 6^3\})$	414720
12	$\mathcal{O}(2; \{2^5, 3^5, 4^2, 6^3\})$	3566592
12	$\mathcal{O}(2; \{2, 3^8, 4^2, 6^3\})$	28283904
12	$\mathcal{O}(2; \{2^6, 3^2, 4^4, 6^3\})$	1658880
12	$\mathcal{O}(2; \{2^2, 3^5, 4^4, 6^3\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3^2, 4^6, 6^3\})$	6635520
12	$\mathcal{O}(2; \{3^2, 4^8, 6^3\})$	26542080
12	$\mathcal{O}(2; \{2^{10}, 4^2, 6^4\})$	248832
12	$\mathcal{O}(2; \{2^6, 3^3, 4^2, 6^4\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^6, 4^2, 6^4\})$	14183424

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^7, 4^4, 6^4\})$	995328
12	$\mathcal{O}(2; \{2^3, 3^3, 4^4, 6^4\})$	6967296
12	$\mathcal{O}(2; \{2^4, 4^6, 6^4\})$	3981312
12	$\mathcal{O}(2; \{3^3, 4^6, 6^4\})$	27869184
12	$\mathcal{O}(2; \{2, 4^8, 6^4\})$	15925248
12	$\mathcal{O}(2; \{2^7, 3, 4^2, 6^5\})$	912384
12	$\mathcal{O}(2; \{2^3, 3^4, 4^2, 6^5\})$	7050240
12	$\mathcal{O}(2; \{2^4, 3, 4^4, 6^5\})$	3649536
12	$\mathcal{O}(2; \{3^4, 4^4, 6^5\})$	28200960
12	$\mathcal{O}(2; \{2, 3, 4^6, 6^5\})$	14598144
12	$\mathcal{O}(2; \{2^4, 3^2, 4^2, 6^6\})$	3566592
12	$\mathcal{O}(2; \{3^5, 4^2, 6^6\})$	28283904
12	$\mathcal{O}(2; \{2, 3^2, 4^4, 6^6\})$	14266368
12	$\mathcal{O}(2; \{2^5, 4^2, 6^7\})$	1741824
12	$\mathcal{O}(2; \{2, 3^3, 4^2, 6^7\})$	14183424
12	$\mathcal{O}(2; \{2^2, 4^4, 6^7\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3, 4^2, 6^8\})$	7050240
12	$\mathcal{O}(2; \{4^2, 6^{10}\})$	14183424
12	$\mathcal{O}(2; \{2^{15}, 3, 4, 12\})$	82944
12	$\mathcal{O}(2; \{2^{11}, 3^4, 4, 12\})$	414720
12	$\mathcal{O}(2; \{2^7, 3^7, 4, 12\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^{10}, 4, 12\})$	28283904
12	$\mathcal{O}(2; \{2^{12}, 3, 4^3, 12\})$	331776
12	$\mathcal{O}(2; \{2^8, 3^4, 4^3, 12\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3^7, 4^3, 12\})$	14266368
12	$\mathcal{O}(2; \{3^{10}, 4^3, 12\})$	113135616
12	$\mathcal{O}(2; \{2^9, 3, 4^5, 12\})$	1327104
12	$\mathcal{O}(2; \{2^5, 3^4, 4^5, 12\})$	6635520
12	$\mathcal{O}(2; \{2, 3^7, 4^5, 12\})$	57065472
12	$\mathcal{O}(2; \{2^6, 3, 4^7, 12\})$	5308416
12	$\mathcal{O}(2; \{2^2, 3^4, 4^7, 12\})$	26542080
12	$\mathcal{O}(2; \{2^3, 3, 4^9, 12\})$	21233664
12	$\mathcal{O}(2; \{3, 4^{11}, 12\})$	84934656
12	$\mathcal{O}(2; \{2^{12}, 3^2, 4, 6, 12\})$	248832
12	$\mathcal{O}(2; \{2^8, 3^5, 4, 6, 12\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^8, 4, 6, 12\})$	14183424
12	$\mathcal{O}(2; \{3^{11}, 4, 6, 12\})$	113218560
12	$\mathcal{O}(2; \{2^9, 3^2, 4^3, 6, 12\})$	995328
12	$\mathcal{O}(2; \{2^5, 3^5, 4^3, 6, 12\})$	6967296
12	$\mathcal{O}(2; \{2, 3^8, 4^3, 6, 12\})$	56733696
12	$\mathcal{O}(2; \{2^6, 3^2, 4^5, 6, 12\})$	3981312
12	$\mathcal{O}(2; \{2^2, 3^5, 4^5, 6, 12\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^2, 4^7, 6, 12\})$	15925248

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{3^2, 4^9, 6, 12\})$	63700992
12	$\mathcal{O}(2; \{2^{13}, 4, 6^2, 12\})$	82944
12	$\mathcal{O}(2; \{2^9, 3^3, 4, 6^2, 12\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^6, 4, 6^2, 12\})$	7050240
12	$\mathcal{O}(2; \{2, 3^9, 4, 6^2, 12\})$	56650752
12	$\mathcal{O}(2; \{2^{10}, 4^3, 6^2, 12\})$	331776
12	$\mathcal{O}(2; \{2^6, 3^3, 4^3, 6^2, 12\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^6, 4^3, 6^2, 12\})$	28200960
12	$\mathcal{O}(2; \{2^7, 4^5, 6^2, 12\})$	1327104
12	$\mathcal{O}(2; \{2^3, 3^3, 4^5, 6^2, 12\})$	14598144
12	$\mathcal{O}(2; \{2^4, 4^7, 6^2, 12\})$	5308416
12	$\mathcal{O}(2; \{3^3, 4^7, 6^2, 12\})$	58392576
12	$\mathcal{O}(2; \{2, 4^9, 6^2, 12\})$	21233664
12	$\mathcal{O}(2; \{2^{10}, 3, 4, 6^3, 12\})$	414720
12	$\mathcal{O}(2; \{2^6, 3^4, 4, 6^3, 12\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^7, 4, 6^3, 12\})$	28283904
12	$\mathcal{O}(2; \{2^7, 3, 4^3, 6^3, 12\})$	1658880
12	$\mathcal{O}(2; \{2^3, 3^4, 4^3, 6^3, 12\})$	14266368
12	$\mathcal{O}(2; \{2^4, 3, 4^5, 6^3, 12\})$	6635520
12	$\mathcal{O}(2; \{3^4, 4^5, 6^3, 12\})$	57065472
12	$\mathcal{O}(2; \{2, 3, 4^7, 6^3, 12\})$	26542080
12	$\mathcal{O}(2; \{2^7, 3^2, 4, 6^4, 12\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^5, 4, 6^4, 12\})$	14183424
12	$\mathcal{O}(2; \{2^4, 3^2, 4^3, 6^4, 12\})$	6967296
12	$\mathcal{O}(2; \{3^5, 4^3, 6^4, 12\})$	56733696
12	$\mathcal{O}(2; \{2, 3^2, 4^5, 6^4, 12\})$	27869184
12	$\mathcal{O}(2; \{2^8, 4, 6^5, 12\})$	912384
12	$\mathcal{O}(2; \{2^4, 3^3, 4, 6^5, 12\})$	7050240
12	$\mathcal{O}(2; \{3^6, 4, 6^5, 12\})$	56650752
12	$\mathcal{O}(2; \{2^5, 4^3, 6^5, 12\})$	3649536
12	$\mathcal{O}(2; \{2, 3^3, 4^3, 6^5, 12\})$	28200960
12	$\mathcal{O}(2; \{2^2, 4^5, 6^5, 12\})$	14598144
12	$\mathcal{O}(2; \{2^5, 3, 4, 6^6, 12\})$	3566592
12	$\mathcal{O}(2; \{2, 3^4, 4, 6^6, 12\})$	28283904
12	$\mathcal{O}(2; \{2^2, 3, 4^3, 6^6, 12\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^2, 4, 6^7, 12\})$	14183424
12	$\mathcal{O}(2; \{2^3, 4, 6^8, 12\})$	7050240
12	$\mathcal{O}(2; \{4^3, 6^8, 12\})$	28200960
12	$\mathcal{O}(2; \{3, 4, 6^9, 12\})$	28283904
12	$\mathcal{O}(2; \{2^{16}, 12^2\})$	82944
12	$\mathcal{O}(2; \{2^{12}, 3^3, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^8, 3^6, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3^9, 12^2\})$	28283904

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{3^{12}, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2^{13}, 4^2, 12^2\})$	331776
12	$\mathcal{O}(2; \{2^9, 3^3, 4^2, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^5, 3^6, 4^2, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2, 3^9, 4^2, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^{10}, 4^4, 12^2\})$	1327104
12	$\mathcal{O}(2; \{2^6, 3^3, 4^4, 12^2\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^6, 4^4, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^7, 4^6, 12^2\})$	5308416
12	$\mathcal{O}(2; \{2^3, 3^3, 4^6, 12^2\})$	26542080
12	$\mathcal{O}(2; \{2^4, 4^8, 12^2\})$	21233664
12	$\mathcal{O}(2; \{3^3, 4^8, 12^2\})$	106168320
12	$\mathcal{O}(2; \{2, 4^{10}, 12^2\})$	84934656
12	$\mathcal{O}(2; \{2^{13}, 3, 6, 12^2\})$	248832
12	$\mathcal{O}(2; \{2^9, 3^4, 6, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^7, 6, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2, 3^{10}, 6, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^{10}, 3, 4^2, 6, 12^2\})$	995328
12	$\mathcal{O}(2; \{2^6, 3^4, 4^2, 6, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^7, 4^2, 6, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^7, 3, 4^4, 6, 12^2\})$	3981312
12	$\mathcal{O}(2; \{2^3, 3^4, 4^4, 6, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3, 4^6, 6, 12^2\})$	15925248
12	$\mathcal{O}(2; \{3^4, 4^6, 6, 12^2\})$	111476736
12	$\mathcal{O}(2; \{2, 3, 4^8, 6, 12^2\})$	63700992
12	$\mathcal{O}(2; \{2^{10}, 3^2, 6^2, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^6, 3^5, 6^2, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^8, 6^2, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^7, 3^2, 4^2, 6^2, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^5, 4^2, 6^2, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^4, 3^2, 4^4, 6^2, 12^2\})$	14598144
12	$\mathcal{O}(2; \{3^5, 4^4, 6^2, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2, 3^2, 4^6, 6^2, 12^2\})$	58392576
12	$\mathcal{O}(2; \{2^{11}, 6^3, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^7, 3^3, 6^3, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^6, 6^3, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^8, 4^2, 6^3, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3^3, 4^2, 6^3, 12^2\})$	14266368
12	$\mathcal{O}(2; \{3^6, 4^2, 6^3, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^5, 4^4, 6^3, 12^2\})$	6635520
12	$\mathcal{O}(2; \{2, 3^3, 4^4, 6^3, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^2, 4^6, 6^3, 12^2\})$	26542080
12	$\mathcal{O}(2; \{2^8, 3, 6^4, 12^2\})$	1741824

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^4, 3^4, 6^4, 12^2\})$	14183424
12	$\mathcal{O}(2; \{3^7, 6^4, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^5, 3, 4^2, 6^4, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2, 3^4, 4^2, 6^4, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^2, 3, 4^4, 6^4, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2^5, 3^2, 6^5, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2, 3^5, 6^5, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^2, 3^2, 4^2, 6^5, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^6, 6^6, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^3, 6^6, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^3, 4^2, 6^6, 12^2\})$	14266368
12	$\mathcal{O}(2; \{4^4, 6^6, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^3, 3, 6^7, 12^2\})$	14183424
12	$\mathcal{O}(2; \{3, 4^2, 6^7, 12^2\})$	56733696
12	$\mathcal{O}(2; \{3^2, 6^8, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2, 6^9, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4, 12^3\})$	1658880
12	$\mathcal{O}(2; \{2^6, 3^5, 4, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^8, 4, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^7, 3^2, 4^3, 12^3\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3^5, 4^3, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2^4, 3^2, 4^5, 12^3\})$	26542080
12	$\mathcal{O}(2; \{3^5, 4^5, 12^3\})$	228261888
12	$\mathcal{O}(2; \{2, 3^2, 4^7, 12^3\})$	106168320
12	$\mathcal{O}(2; \{2^{11}, 4, 6, 12^3\})$	995328
12	$\mathcal{O}(2; \{2^7, 3^3, 4, 6, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^6, 4, 6, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^8, 4^3, 6, 12^3\})$	3981312
12	$\mathcal{O}(2; \{2^4, 3^3, 4^3, 6, 12^3\})$	27869184
12	$\mathcal{O}(2; \{3^6, 4^3, 6, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2^5, 4^5, 6, 12^3\})$	15925248
12	$\mathcal{O}(2; \{2, 3^3, 4^5, 6, 12^3\})$	111476736
12	$\mathcal{O}(2; \{2^2, 4^7, 6, 12^3\})$	63700992
12	$\mathcal{O}(2; \{2^8, 3, 4, 6^2, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^4, 4, 6^2, 12^3\})$	28200960
12	$\mathcal{O}(2; \{3^7, 4, 6^2, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^5, 3, 4^3, 6^2, 12^3\})$	14598144
12	$\mathcal{O}(2; \{2, 3^4, 4^3, 6^2, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3, 4^5, 6^2, 12^3\})$	58392576
12	$\mathcal{O}(2; \{2^5, 3^2, 4, 6^3, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2, 3^5, 4, 6^3, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^2, 3^2, 4^3, 6^3, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2^6, 4, 6^4, 12^3\})$	6967296

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^2, 3^3, 4, 6^4, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^3, 4^3, 6^4, 12^3\})$	27869184
12	$\mathcal{O}(2; \{4^5, 6^4, 12^3\})$	111476736
12	$\mathcal{O}(2; \{2^3, 3, 4, 6^5, 12^3\})$	28200960
12	$\mathcal{O}(2; \{3, 4^3, 6^5, 12^3\})$	112803840
12	$\mathcal{O}(2; \{3^2, 4, 6^6, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2, 4, 6^7, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^{11}, 3, 12^4\})$	1658880
12	$\mathcal{O}(2; \{2^7, 3^4, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3^7, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^8, 3, 4^2, 12^4\})$	6635520
12	$\mathcal{O}(2; \{2^4, 3^4, 4^2, 12^4\})$	57065472
12	$\mathcal{O}(2; \{3^7, 4^2, 12^4\})$	452542464
12	$\mathcal{O}(2; \{2^5, 3, 4^4, 12^4\})$	26542080
12	$\mathcal{O}(2; \{2, 3^4, 4^4, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2^2, 3, 4^6, 12^4\})$	106168320
12	$\mathcal{O}(2; \{2^8, 3^2, 6, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^5, 6, 12^4\})$	56733696
12	$\mathcal{O}(2; \{3^8, 6, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2^5, 3^2, 4^2, 6, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2, 3^5, 4^2, 6, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^2, 3^2, 4^4, 6, 12^4\})$	111476736
12	$\mathcal{O}(2; \{2^9, 6^2, 12^4\})$	3649536
12	$\mathcal{O}(2; \{2^5, 3^3, 6^2, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2, 3^6, 6^2, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^6, 4^2, 6^2, 12^4\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3^3, 4^2, 6^2, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2^3, 4^4, 6^2, 12^4\})$	58392576
12	$\mathcal{O}(2; \{4^6, 6^2, 12^4\})$	233570304
12	$\mathcal{O}(2; \{2^6, 3, 6^3, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^4, 6^3, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^3, 3, 4^2, 6^3, 12^4\})$	57065472
12	$\mathcal{O}(2; \{3, 4^4, 6^3, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2^3, 3^2, 6^4, 12^4\})$	56733696
12	$\mathcal{O}(2; \{3^2, 4^2, 6^4, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^4, 6^5, 12^4\})$	28200960
12	$\mathcal{O}(2; \{3^3, 6^5, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2, 4^2, 6^5, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2, 3, 6^6, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^9, 4, 12^5\})$	6635520
12	$\mathcal{O}(2; \{2^5, 3^3, 4, 12^5\})$	57065472
12	$\mathcal{O}(2; \{2, 3^6, 4, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^6, 4^3, 12^5\})$	26542080

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^2, 3^3, 4^3, 12^5\})$	228261888
12	$\mathcal{O}(2; \{2^3, 4^5, 12^5\})$	106168320
12	$\mathcal{O}(2; \{4^7, 12^5\})$	424673280
12	$\mathcal{O}(2; \{2^6, 3, 4, 6, 12^5\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^4, 4, 6, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2^3, 3, 4^3, 6, 12^5\})$	111476736
12	$\mathcal{O}(2; \{3, 4^5, 6, 12^5\})$	445906944
12	$\mathcal{O}(2; \{2^3, 3^2, 4, 6^2, 12^5\})$	112803840
12	$\mathcal{O}(2; \{3^2, 4^3, 6^2, 12^5\})$	451215360
12	$\mathcal{O}(2; \{2^4, 4, 6^3, 12^5\})$	57065472
12	$\mathcal{O}(2; \{3^3, 4, 6^3, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2, 4^3, 6^3, 12^5\})$	228261888
12	$\mathcal{O}(2; \{2, 3, 4, 6^4, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2^6, 3^2, 12^6\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3^5, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2^3, 3^2, 4^2, 12^6\})$	228261888
12	$\mathcal{O}(2; \{3^2, 4^4, 12^6\})$	913047552
12	$\mathcal{O}(2; \{2^7, 6, 12^6\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^3, 6, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2^4, 4^2, 6, 12^6\})$	111476736
12	$\mathcal{O}(2; \{3^3, 4^2, 6, 12^6\})$	907739136
12	$\mathcal{O}(2; \{2, 4^4, 6, 12^6\})$	445906944
12	$\mathcal{O}(2; \{2^4, 3, 6^2, 12^6\})$	112803840
12	$\mathcal{O}(2; \{3^4, 6^2, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2, 3, 4^2, 6^2, 12^6\})$	451215360
12	$\mathcal{O}(2; \{2, 3^2, 6^3, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2^2, 6^4, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2^4, 3, 4, 12^7\})$	228261888
12	$\mathcal{O}(2; \{3^4, 4, 12^7\})$	1810169856
12	$\mathcal{O}(2; \{2, 3, 4^3, 12^7\})$	913047552
12	$\mathcal{O}(2; \{2, 3^2, 4, 6, 12^7\})$	907739136
12	$\mathcal{O}(2; \{2^2, 4, 6^2, 12^7\})$	451215360
12	$\mathcal{O}(2; \{2^5, 12^8\})$	228261888
12	$\mathcal{O}(2; \{2, 3^3, 12^8\})$	1810169856
12	$\mathcal{O}(2; \{2^2, 4^2, 12^8\})$	913047552
12	$\mathcal{O}(2; \{2^2, 3, 6, 12^8\})$	907739136
12	$\mathcal{O}(2; \{6^3, 12^8\})$	1810169856
12	$\mathcal{O}(2; \{4, 6, 12^9\})$	3630956544
12	$\mathcal{O}(2; \{3, 12^{10}\})$	7240679424
12	$\mathcal{O}(1; \{2^{18}, 3^2, 4^2\})$	576
12	$\mathcal{O}(1; \{2^{14}, 3^5, 4^2\})$	2880
12	$\mathcal{O}(1; \{2^{10}, 3^8, 4^2\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^{11}, 4^2\})$	196416

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3^{14}, 4^2\})$	1573056
12	$\mathcal{O}(1; \{2^{15}, 3^2, 4^4\})$	2304
12	$\mathcal{O}(1; \{2^{11}, 3^5, 4^4\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^8, 4^4\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^{11}, 4^4\})$	785664
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^6\})$	9216
12	$\mathcal{O}(1; \{2^8, 3^5, 4^6\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^8, 4^6\})$	396288
12	$\mathcal{O}(1; \{3^{11}, 4^6\})$	3142656
12	$\mathcal{O}(1; \{2^9, 3^2, 4^8\})$	36864
12	$\mathcal{O}(1; \{2^5, 3^5, 4^8\})$	184320
12	$\mathcal{O}(1; \{2, 3^8, 4^8\})$	1585152
12	$\mathcal{O}(1; \{2^6, 3^2, 4^{10}\})$	147456
12	$\mathcal{O}(1; \{2^2, 3^5, 4^{10}\})$	737280
12	$\mathcal{O}(1; \{2^3, 3^2, 4^{12}\})$	589824
12	$\mathcal{O}(1; \{3^2, 4^{14}\})$	2359296
12	$\mathcal{O}(1; \{2^{15}, 3^3, 4^2, 6\})$	1728
12	$\mathcal{O}(1; \{2^{11}, 3^6, 4^2, 6\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^9, 4^2, 6\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^{12}, 4^2, 6\})$	786240
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^4, 6\})$	6912
12	$\mathcal{O}(1; \{2^8, 3^6, 4^4, 6\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^9, 4^4, 6\})$	393984
12	$\mathcal{O}(1; \{3^{12}, 4^4, 6\})$	3144960
12	$\mathcal{O}(1; \{2^9, 3^3, 4^6, 6\})$	27648
12	$\mathcal{O}(1; \{2^5, 3^6, 4^6, 6\})$	193536
12	$\mathcal{O}(1; \{2, 3^9, 4^6, 6\})$	1575936
12	$\mathcal{O}(1; \{2^6, 3^3, 4^8, 6\})$	110592
12	$\mathcal{O}(1; \{2^2, 3^6, 4^8, 6\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^3, 4^{10}, 6\})$	442368
12	$\mathcal{O}(1; \{3^3, 4^{12}, 6\})$	1769472
12	$\mathcal{O}(1; \{2^{16}, 3, 4^2, 6^2\})$	576
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4^2, 6^2\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^7, 4^2, 6^2\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4^2, 6^2\})$	393408
12	$\mathcal{O}(1; \{3^{13}, 4^2, 6^2\})$	3145536
12	$\mathcal{O}(1; \{2^{13}, 3, 4^4, 6^2\})$	2304
12	$\mathcal{O}(1; \{2^9, 3^4, 4^4, 6^2\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^7, 4^4, 6^2\})$	195840
12	$\mathcal{O}(1; \{2, 3^{10}, 4^4, 6^2\})$	1573632
12	$\mathcal{O}(1; \{2^{10}, 3, 4^6, 6^2\})$	9216
12	$\mathcal{O}(1; \{2^6, 3^4, 4^6, 6^2\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^7, 4^6, 6^2\})$	783360

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^7, 3, 4^8, 6^2\})$	36864
12	$\mathcal{O}(1; \{2^3, 3^4, 4^8, 6^2\})$	405504
12	$\mathcal{O}(1; \{2^4, 3, 4^{10}, 6^2\})$	147456
12	$\mathcal{O}(1; \{3^4, 4^{10}, 6^2\})$	1622016
12	$\mathcal{O}(1; \{2, 3, 4^{12}, 6^2\})$	589824
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^2, 6^3\})$	2880
12	$\mathcal{O}(1; \{2^9, 3^5, 4^2, 6^3\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^8, 4^2, 6^3\})$	196416
12	$\mathcal{O}(1; \{2, 3^{11}, 4^2, 6^3\})$	1573056
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^4, 6^3\})$	11520
12	$\mathcal{O}(1; \{2^6, 3^5, 4^4, 6^3\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^8, 4^4, 6^3\})$	785664
12	$\mathcal{O}(1; \{2^7, 3^2, 4^6, 6^3\})$	46080
12	$\mathcal{O}(1; \{2^3, 3^5, 4^6, 6^3\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^2, 4^8, 6^3\})$	184320
12	$\mathcal{O}(1; \{3^5, 4^8, 6^3\})$	1585152
12	$\mathcal{O}(1; \{2, 3^2, 4^{10}, 6^3\})$	737280
12	$\mathcal{O}(1; \{2^{14}, 4^2, 6^4\})$	1728
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^2, 6^4\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^6, 4^2, 6^4\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^9, 4^2, 6^4\})$	786240
12	$\mathcal{O}(1; \{2^{11}, 4^4, 6^4\})$	6912
12	$\mathcal{O}(1; \{2^7, 3^3, 4^4, 6^4\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^6, 4^4, 6^4\})$	393984
12	$\mathcal{O}(1; \{2^8, 4^6, 6^4\})$	27648
12	$\mathcal{O}(1; \{2^4, 3^3, 4^6, 6^4\})$	193536
12	$\mathcal{O}(1; \{3^6, 4^6, 6^4\})$	1575936
12	$\mathcal{O}(1; \{2^5, 4^8, 6^4\})$	110592
12	$\mathcal{O}(1; \{2, 3^3, 4^8, 6^4\})$	774144
12	$\mathcal{O}(1; \{2^2, 4^{10}, 6^4\})$	442368
12	$\mathcal{O}(1; \{2^{11}, 3, 4^2, 6^5\})$	6336
12	$\mathcal{O}(1; \{2^7, 3^4, 4^2, 6^5\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^7, 4^2, 6^5\})$	393408
12	$\mathcal{O}(1; \{2^8, 3, 4^4, 6^5\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^4, 4^4, 6^5\})$	195840
12	$\mathcal{O}(1; \{3^7, 4^4, 6^5\})$	1573632
12	$\mathcal{O}(1; \{2^5, 3, 4^6, 6^5\})$	101376
12	$\mathcal{O}(1; \{2, 3^4, 4^6, 6^5\})$	783360
12	$\mathcal{O}(1; \{2^2, 3, 4^8, 6^5\})$	405504
12	$\mathcal{O}(1; \{2^8, 3^2, 4^2, 6^6\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^5, 4^2, 6^6\})$	196416
12	$\mathcal{O}(1; \{3^8, 4^2, 6^6\})$	1573056
12	$\mathcal{O}(1; \{2^5, 3^2, 4^4, 6^6\})$	99072

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^5, 4^4, 6^6\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^2, 4^6, 6^6\})$	396288
12	$\mathcal{O}(1; \{2^9, 4^2, 6^7\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^3, 4^2, 6^7\})$	98496
12	$\mathcal{O}(1; \{2, 3^6, 4^2, 6^7\})$	786240
12	$\mathcal{O}(1; \{2^6, 4^4, 6^7\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^3, 4^4, 6^7\})$	393984
12	$\mathcal{O}(1; \{2^3, 4^6, 6^7\})$	193536
12	$\mathcal{O}(1; \{4^8, 6^7\})$	774144
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 6^8\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 6^8\})$	393408
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 6^8\})$	195840
12	$\mathcal{O}(1; \{3, 4^6, 6^8\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6^9\})$	196416
12	$\mathcal{O}(1; \{3^2, 4^4, 6^9\})$	785664
12	$\mathcal{O}(1; \{2^4, 4^2, 6^{10}\})$	98496
12	$\mathcal{O}(1; \{3^3, 4^2, 6^{10}\})$	786240
12	$\mathcal{O}(1; \{2, 4^4, 6^{10}\})$	393984
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^{11}\})$	393408
12	$\mathcal{O}(1; \{2^{19}, 3, 4, 12\})$	576
12	$\mathcal{O}(1; \{2^{15}, 3^4, 4, 12\})$	2880
12	$\mathcal{O}(1; \{2^{11}, 3^7, 4, 12\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^{10}, 4, 12\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^{13}, 4, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{16}, 3, 4^3, 12\})$	2304
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4^3, 12\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^7, 4^3, 12\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4^3, 12\})$	785664
12	$\mathcal{O}(1; \{3^{13}, 4^3, 12\})$	6292224
12	$\mathcal{O}(1; \{2^{13}, 3, 4^5, 12\})$	9216
12	$\mathcal{O}(1; \{2^9, 3^4, 4^5, 12\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^7, 4^5, 12\})$	396288
12	$\mathcal{O}(1; \{2, 3^{10}, 4^5, 12\})$	3142656
12	$\mathcal{O}(1; \{2^{10}, 3, 4^7, 12\})$	36864
12	$\mathcal{O}(1; \{2^6, 3^4, 4^7, 12\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^7, 4^7, 12\})$	1585152
12	$\mathcal{O}(1; \{2^7, 3, 4^9, 12\})$	147456
12	$\mathcal{O}(1; \{2^3, 3^4, 4^9, 12\})$	737280
12	$\mathcal{O}(1; \{2^4, 3, 4^{11}, 12\})$	589824
12	$\mathcal{O}(1; \{3^4, 4^{11}, 12\})$	2949120
12	$\mathcal{O}(1; \{2, 3, 4^{13}, 12\})$	2359296
12	$\mathcal{O}(1; \{2^{16}, 3^2, 4, 6, 12\})$	1728
12	$\mathcal{O}(1; \{2^{12}, 3^5, 4, 6, 12\})$	12096

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^8, 3^8, 4, 6, 12\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^{11}, 4, 6, 12\})$	786240
12	$\mathcal{O}(1; \{3^{14}, 4, 6, 12\})$	6291648
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^3, 6, 12\})$	6912
12	$\mathcal{O}(1; \{2^9, 3^5, 4^3, 6, 12\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^8, 4^3, 6, 12\})$	393984
12	$\mathcal{O}(1; \{2, 3^{11}, 4^3, 6, 12\})$	3144960
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^5, 6, 12\})$	27648
12	$\mathcal{O}(1; \{2^6, 3^5, 4^5, 6, 12\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^8, 4^5, 6, 12\})$	1575936
12	$\mathcal{O}(1; \{2^7, 3^2, 4^7, 6, 12\})$	110592
12	$\mathcal{O}(1; \{2^3, 3^5, 4^7, 6, 12\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^2, 4^9, 6, 12\})$	442368
12	$\mathcal{O}(1; \{3^5, 4^9, 6, 12\})$	3096576
12	$\mathcal{O}(1; \{2, 3^2, 4^{11}, 6, 12\})$	1769472
12	$\mathcal{O}(1; \{2^{17}, 4, 6^2, 12\})$	576
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4, 6^2, 12\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^6, 4, 6^2, 12\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^9, 4, 6^2, 12\})$	393408
12	$\mathcal{O}(1; \{2, 3^{12}, 4, 6^2, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{14}, 4^3, 6^2, 12\})$	2304
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^3, 6^2, 12\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^6, 4^3, 6^2, 12\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^9, 4^3, 6^2, 12\})$	1573632
12	$\mathcal{O}(1; \{2^{11}, 4^5, 6^2, 12\})$	9216
12	$\mathcal{O}(1; \{2^7, 3^3, 4^5, 6^2, 12\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^6, 4^5, 6^2, 12\})$	783360
12	$\mathcal{O}(1; \{2^8, 4^7, 6^2, 12\})$	36864
12	$\mathcal{O}(1; \{2^4, 3^3, 4^7, 6^2, 12\})$	405504
12	$\mathcal{O}(1; \{3^6, 4^7, 6^2, 12\})$	3133440
12	$\mathcal{O}(1; \{2^5, 4^9, 6^2, 12\})$	147456
12	$\mathcal{O}(1; \{2, 3^3, 4^9, 6^2, 12\})$	1622016
12	$\mathcal{O}(1; \{2^2, 4^{11}, 6^2, 12\})$	589824
12	$\mathcal{O}(1; \{2^{14}, 3, 4, 6^3, 12\})$	2880
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4, 6^3, 12\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^7, 4, 6^3, 12\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4, 6^3, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{11}, 3, 4^3, 6^3, 12\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^4, 4^3, 6^3, 12\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^7, 4^3, 6^3, 12\})$	785664
12	$\mathcal{O}(1; \{2^8, 3, 4^5, 6^3, 12\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^4, 4^5, 6^3, 12\})$	396288
12	$\mathcal{O}(1; \{3^7, 4^5, 6^3, 12\})$	3142656

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^5, 3, 4^7, 6^3, 12\})$	184320
12	$\mathcal{O}(1; \{2, 3^4, 4^7, 6^3, 12\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3, 4^9, 6^3, 12\})$	737280
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4, 6^4, 12\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^5, 4, 6^4, 12\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^8, 4, 6^4, 12\})$	786240
12	$\mathcal{O}(1; \{2^8, 3^2, 4^3, 6^4, 12\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^5, 4^3, 6^4, 12\})$	393984
12	$\mathcal{O}(1; \{3^8, 4^3, 6^4, 12\})$	3144960
12	$\mathcal{O}(1; \{2^5, 3^2, 4^5, 6^4, 12\})$	193536
12	$\mathcal{O}(1; \{2, 3^5, 4^5, 6^4, 12\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^2, 4^7, 6^4, 12\})$	774144
12	$\mathcal{O}(1; \{2^{12}, 4, 6^5, 12\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^3, 4, 6^5, 12\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^6, 4, 6^5, 12\})$	393408
12	$\mathcal{O}(1; \{3^9, 4, 6^5, 12\})$	3145536
12	$\mathcal{O}(1; \{2^9, 4^3, 6^5, 12\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^3, 4^3, 6^5, 12\})$	195840
12	$\mathcal{O}(1; \{2, 3^6, 4^3, 6^5, 12\})$	1573632
12	$\mathcal{O}(1; \{2^6, 4^5, 6^5, 12\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^3, 4^5, 6^5, 12\})$	783360
12	$\mathcal{O}(1; \{2^3, 4^7, 6^5, 12\})$	405504
12	$\mathcal{O}(1; \{4^9, 6^5, 12\})$	1622016
12	$\mathcal{O}(1; \{2^9, 3, 4, 6^6, 12\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^4, 4, 6^6, 12\})$	196416
12	$\mathcal{O}(1; \{2, 3^7, 4, 6^6, 12\})$	1573056
12	$\mathcal{O}(1; \{2^6, 3, 4^3, 6^6, 12\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^4, 4^3, 6^6, 12\})$	785664
12	$\mathcal{O}(1; \{2^3, 3, 4^5, 6^6, 12\})$	396288
12	$\mathcal{O}(1; \{3, 4^7, 6^6, 12\})$	1585152
12	$\mathcal{O}(1; \{2^6, 3^2, 4, 6^7, 12\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^5, 4, 6^7, 12\})$	786240
12	$\mathcal{O}(1; \{2^3, 3^2, 4^3, 6^7, 12\})$	393984
12	$\mathcal{O}(1; \{3^2, 4^5, 6^7, 12\})$	1575936
12	$\mathcal{O}(1; \{2^7, 4, 6^8, 12\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^3, 4, 6^8, 12\})$	393408
12	$\mathcal{O}(1; \{2^4, 4^3, 6^8, 12\})$	195840
12	$\mathcal{O}(1; \{3^3, 4^3, 6^8, 12\})$	1573632
12	$\mathcal{O}(1; \{2, 4^5, 6^8, 12\})$	783360
12	$\mathcal{O}(1; \{2^4, 3, 4, 6^9, 12\})$	196416
12	$\mathcal{O}(1; \{3^4, 4, 6^9, 12\})$	1573056
12	$\mathcal{O}(1; \{2, 3, 4^3, 6^9, 12\})$	785664
12	$\mathcal{O}(1; \{2, 3^2, 4, 6^{10}, 12\})$	786240

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 4, 6^{11}, 12\})$	393408
12	$\mathcal{O}(1; \{2^{20}, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{16}, 3^3, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{12}, 3^6, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^8, 3^9, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^{12}, 12^2\})$	1573056
12	$\mathcal{O}(1; \{3^{15}, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^{17}, 4^2, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4^2, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^9, 3^6, 4^2, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^9, 4^2, 12^2\})$	785664
12	$\mathcal{O}(1; \{2, 3^{12}, 4^2, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^{14}, 4^4, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^4, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^6, 4^4, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^9, 4^4, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^{11}, 4^6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^7, 3^3, 4^6, 12^2\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^6, 4^6, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^8, 4^8, 12^2\})$	147456
12	$\mathcal{O}(1; \{2^4, 3^3, 4^8, 12^2\})$	737280
12	$\mathcal{O}(1; \{3^6, 4^8, 12^2\})$	6340608
12	$\mathcal{O}(1; \{2^5, 4^{10}, 12^2\})$	589824
12	$\mathcal{O}(1; \{2, 3^3, 4^{10}, 12^2\})$	2949120
12	$\mathcal{O}(1; \{2^2, 4^{12}, 12^2\})$	2359296
12	$\mathcal{O}(1; \{2^{17}, 3, 6, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{13}, 3^4, 6, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^9, 3^7, 6, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^{10}, 6, 12^2\})$	786240
12	$\mathcal{O}(1; \{2, 3^{13}, 6, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{14}, 3, 4^2, 6, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^2, 6, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^7, 4^2, 6, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^2, 6, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^{11}, 3, 4^4, 6, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^7, 3^4, 4^4, 6, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^7, 4^4, 6, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^8, 3, 4^6, 6, 12^2\})$	110592
12	$\mathcal{O}(1; \{2^4, 3^4, 4^6, 6, 12^2\})$	774144
12	$\mathcal{O}(1; \{3^7, 4^6, 6, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^5, 3, 4^8, 6, 12^2\})$	442368
12	$\mathcal{O}(1; \{2, 3^4, 4^8, 6, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3, 4^{10}, 6, 12^2\})$	1769472

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{14}, 3^2, 6^2, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^{10}, 3^5, 6^2, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^8, 6^2, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^{11}, 6^2, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^2, 6^2, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^5, 4^2, 6^2, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^8, 4^2, 6^2, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^8, 3^2, 4^4, 6^2, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^5, 4^4, 6^2, 12^2\})$	783360
12	$\mathcal{O}(1; \{3^8, 4^4, 6^2, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^5, 3^2, 4^6, 6^2, 12^2\})$	405504
12	$\mathcal{O}(1; \{2, 3^5, 4^6, 6^2, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^2, 4^8, 6^2, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2^{15}, 6^3, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{11}, 3^3, 6^3, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^6, 6^3, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^9, 6^3, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^{12}, 4^2, 6^3, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^3, 4^2, 6^3, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^6, 4^2, 6^3, 12^2\})$	785664
12	$\mathcal{O}(1; \{3^9, 4^2, 6^3, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^9, 4^4, 6^3, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^3, 4^4, 6^3, 12^2\})$	396288
12	$\mathcal{O}(1; \{2, 3^6, 4^4, 6^3, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^6, 4^6, 6^3, 12^2\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^3, 4^6, 6^3, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^3, 4^8, 6^3, 12^2\})$	737280
12	$\mathcal{O}(1; \{4^{10}, 6^3, 12^2\})$	2949120
12	$\mathcal{O}(1; \{2^{12}, 3, 6^4, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^4, 6^4, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^7, 6^4, 12^2\})$	786240
12	$\mathcal{O}(1; \{3^{10}, 6^4, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^9, 3, 4^2, 6^4, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^4, 4^2, 6^4, 12^2\})$	393984
12	$\mathcal{O}(1; \{2, 3^7, 4^2, 6^4, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^6, 3, 4^4, 6^4, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^4, 4^4, 6^4, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3, 4^6, 6^4, 12^2\})$	774144
12	$\mathcal{O}(1; \{3, 4^8, 6^4, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^9, 3^2, 6^5, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^5, 6^5, 12^2\})$	393408
12	$\mathcal{O}(1; \{2, 3^8, 6^5, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^6, 3^2, 4^2, 6^5, 12^2\})$	195840

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3^5, 4^2, 6^5, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^3, 3^2, 4^4, 6^5, 12^2\})$	783360
12	$\mathcal{O}(1; \{3^2, 4^6, 6^5, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^{10}, 6^6, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^3, 6^6, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^6, 6^6, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^7, 4^2, 6^6, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 6^6, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^4, 4^4, 6^6, 12^2\})$	396288
12	$\mathcal{O}(1; \{3^3, 4^4, 6^6, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2, 4^6, 6^6, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^7, 3, 6^7, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^4, 6^7, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 6^7, 12^2\})$	393984
12	$\mathcal{O}(1; \{3^4, 4^2, 6^7, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2, 3, 4^4, 6^7, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3^2, 6^8, 12^2\})$	393408
12	$\mathcal{O}(1; \{3^5, 6^8, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^8, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^5, 6^9, 12^2\})$	196416
12	$\mathcal{O}(1; \{2, 3^3, 6^9, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^2, 4^2, 6^9, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^2, 3, 6^{10}, 12^2\})$	786240
12	$\mathcal{O}(1; \{6^{12}, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^8, 4, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^3, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^7, 3^5, 4^3, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^8, 4^3, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^8, 3^2, 4^5, 12^3\})$	184320
12	$\mathcal{O}(1; \{2^4, 3^5, 4^5, 12^3\})$	1585152
12	$\mathcal{O}(1; \{3^8, 4^5, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2^5, 3^2, 4^7, 12^3\})$	737280
12	$\mathcal{O}(1; \{2, 3^5, 4^7, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^2, 3^2, 4^9, 12^3\})$	2949120
12	$\mathcal{O}(1; \{2^{15}, 4, 6, 12^3\})$	6912
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4, 6, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^6, 4, 6, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^9, 4, 6, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^{12}, 4^3, 6, 12^3\})$	27648
12	$\mathcal{O}(1; \{2^8, 3^3, 4^3, 6, 12^3\})$	193536

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^4, 3^6, 4^3, 6, 12^3\})$	1575936
12	$\mathcal{O}(1; \{3^9, 4^3, 6, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^9, 4^5, 6, 12^3\})$	110592
12	$\mathcal{O}(1; \{2^5, 3^3, 4^5, 6, 12^3\})$	774144
12	$\mathcal{O}(1; \{2, 3^6, 4^5, 6, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^6, 4^7, 6, 12^3\})$	442368
12	$\mathcal{O}(1; \{2^2, 3^3, 4^7, 6, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2^3, 4^9, 6, 12^3\})$	1769472
12	$\mathcal{O}(1; \{4^{11}, 6, 12^3\})$	7077888
12	$\mathcal{O}(1; \{2^{12}, 3, 4, 6^2, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^4, 4, 6^2, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^7, 4, 6^2, 12^3\})$	1573632
12	$\mathcal{O}(1; \{3^{10}, 4, 6^2, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^9, 3, 4^3, 6^2, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^4, 4^3, 6^2, 12^3\})$	783360
12	$\mathcal{O}(1; \{2, 3^7, 4^3, 6^2, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^6, 3, 4^5, 6^2, 12^3\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^4, 4^5, 6^2, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3, 4^7, 6^2, 12^3\})$	1622016
12	$\mathcal{O}(1; \{3, 4^9, 6^2, 12^3\})$	6488064
12	$\mathcal{O}(1; \{2^9, 3^2, 4, 6^3, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^5, 4, 6^3, 12^3\})$	785664
12	$\mathcal{O}(1; \{2, 3^8, 4, 6^3, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^6, 3^2, 4^3, 6^3, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^5, 4^3, 6^3, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3^2, 4^5, 6^3, 12^3\})$	1585152
12	$\mathcal{O}(1; \{3^2, 4^7, 6^3, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^{10}, 4, 6^4, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^3, 4, 6^4, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^6, 4, 6^4, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^7, 4^3, 6^4, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^3, 4^3, 6^4, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^4, 4^5, 6^4, 12^3\})$	774144
12	$\mathcal{O}(1; \{3^3, 4^5, 6^4, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2, 4^7, 6^4, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2^7, 3, 4, 6^5, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^4, 4, 6^5, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^4, 3, 4^3, 6^5, 12^3\})$	783360
12	$\mathcal{O}(1; \{3^4, 4^3, 6^5, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2, 3, 4^5, 6^5, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 6^6, 12^3\})$	785664
12	$\mathcal{O}(1; \{3^5, 4, 6^6, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2, 3^2, 4^3, 6^6, 12^3\})$	3142656

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^5, 4, 6^7, 12^3\})$	393984
12	$\mathcal{O}(1; \{2, 3^3, 4, 6^7, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^2, 4^3, 6^7, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3, 4, 6^8, 12^3\})$	1573632
12	$\mathcal{O}(1; \{4, 6^{10}, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^{15}, 3, 12^4\})$	11520
12	$\mathcal{O}(1; \{2^{11}, 3^4, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^7, 3^7, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^{10}, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^{12}, 3, 4^2, 12^4\})$	46080
12	$\mathcal{O}(1; \{2^8, 3^4, 4^2, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^7, 4^2, 12^4\})$	3142656
12	$\mathcal{O}(1; \{3^{10}, 4^2, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2^9, 3, 4^4, 12^4\})$	184320
12	$\mathcal{O}(1; \{2^5, 3^4, 4^4, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2, 3^7, 4^4, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^6, 3, 4^6, 12^4\})$	737280
12	$\mathcal{O}(1; \{2^2, 3^4, 4^6, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2^3, 3, 4^8, 12^4\})$	2949120
12	$\mathcal{O}(1; \{3, 4^{10}, 12^4\})$	11796480
12	$\mathcal{O}(1; \{2^{12}, 3^2, 6, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^8, 3^5, 6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^8, 6, 12^4\})$	3144960
12	$\mathcal{O}(1; \{3^{11}, 6, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^9, 3^2, 4^2, 6, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^5, 4^2, 6, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2, 3^8, 4^2, 6, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^6, 3^2, 4^4, 6, 12^4\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^5, 4^4, 6, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3^2, 4^6, 6, 12^4\})$	3096576
12	$\mathcal{O}(1; \{3^2, 4^8, 6, 12^4\})$	12386304
12	$\mathcal{O}(1; \{2^{13}, 6^2, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^9, 3^3, 6^2, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^6, 6^2, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2, 3^9, 6^2, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^{10}, 4^2, 6^2, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^6, 3^3, 4^2, 6^2, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^6, 4^2, 6^2, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^7, 4^4, 6^2, 12^4\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^3, 4^4, 6^2, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^4, 4^6, 6^2, 12^4\})$	1622016
12	$\mathcal{O}(1; \{3^3, 4^6, 6^2, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2, 4^8, 6^2, 12^4\})$	6488064

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{10}, 3, 6^3, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^4, 6^3, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^7, 6^3, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^7, 3, 4^2, 6^3, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^4, 4^2, 6^3, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^4, 3, 4^4, 6^3, 12^4\})$	1585152
12	$\mathcal{O}(1; \{3^4, 4^4, 6^3, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2, 3, 4^6, 6^3, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2^7, 3^2, 6^4, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^5, 6^4, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 6^4, 12^4\})$	1575936
12	$\mathcal{O}(1; \{3^5, 4^2, 6^4, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2, 3^2, 4^4, 6^4, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^8, 6^5, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^3, 6^5, 12^4\})$	1573632
12	$\mathcal{O}(1; \{3^6, 6^5, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^5, 4^2, 6^5, 12^4\})$	783360
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 6^5, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^2, 4^4, 6^5, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^5, 3, 6^6, 12^4\})$	785664
12	$\mathcal{O}(1; \{2, 3^4, 6^6, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^6, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^2, 6^7, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^3, 6^8, 12^4\})$	1573632
12	$\mathcal{O}(1; \{4^2, 6^8, 12^4\})$	6294528
12	$\mathcal{O}(1; \{3, 6^9, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^{13}, 4, 12^5\})$	46080
12	$\mathcal{O}(1; \{2^9, 3^3, 4, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^5, 3^6, 4, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2, 3^9, 4, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^{10}, 4^3, 12^5\})$	184320
12	$\mathcal{O}(1; \{2^6, 3^3, 4^3, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^6, 4^3, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^7, 4^5, 12^5\})$	737280
12	$\mathcal{O}(1; \{2^3, 3^3, 4^5, 12^5\})$	6340608
12	$\mathcal{O}(1; \{2^4, 4^7, 12^5\})$	2949120
12	$\mathcal{O}(1; \{3^3, 4^7, 12^5\})$	25362432
12	$\mathcal{O}(1; \{2, 4^9, 12^5\})$	11796480
12	$\mathcal{O}(1; \{2^{10}, 3, 4, 6, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^6, 3^4, 4, 6, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^7, 4, 6, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^7, 3, 4^3, 6, 12^5\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^4, 4^3, 6, 12^5\})$	6303744

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^4, 3, 4^5, 6, 12^5\})$	3096576
12	$\mathcal{O}(1; \{3^4, 4^5, 6, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2, 3, 4^7, 6, 12^5\})$	12386304
12	$\mathcal{O}(1; \{2^7, 3^2, 4, 6^2, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^5, 4, 6^2, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^4, 3^2, 4^3, 6^2, 12^5\})$	3133440
12	$\mathcal{O}(1; \{3^5, 4^3, 6^2, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2, 3^2, 4^5, 6^2, 12^5\})$	12533760
12	$\mathcal{O}(1; \{2^8, 4, 6^3, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^3, 4, 6^3, 12^5\})$	3142656
12	$\mathcal{O}(1; \{3^6, 4, 6^3, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^5, 4^3, 6^3, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2, 3^3, 4^3, 6^3, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^2, 4^5, 6^3, 12^5\})$	6340608
12	$\mathcal{O}(1; \{2^5, 3, 4, 6^4, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2, 3^4, 4, 6^4, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 6^4, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^5, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^3, 4, 6^6, 12^5\})$	3142656
12	$\mathcal{O}(1; \{4^3, 6^6, 12^5\})$	12570624
12	$\mathcal{O}(1; \{3, 4, 6^7, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^{10}, 3^2, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^6, 3^5, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^8, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^7, 3^2, 4^2, 12^6\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^5, 4^2, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2^4, 3^2, 4^4, 12^6\})$	6340608
12	$\mathcal{O}(1; \{3^5, 4^4, 12^6\})$	50282496
12	$\mathcal{O}(1; \{2, 3^2, 4^6, 12^6\})$	25362432
12	$\mathcal{O}(1; \{2^{11}, 6, 12^6\})$	193536
12	$\mathcal{O}(1; \{2^7, 3^3, 6, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^6, 6, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^8, 4^2, 6, 12^6\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^3, 4^2, 6, 12^6\})$	6303744
12	$\mathcal{O}(1; \{3^6, 4^2, 6, 12^6\})$	50319360
12	$\mathcal{O}(1; \{2^5, 4^4, 6, 12^6\})$	3096576
12	$\mathcal{O}(1; \{2, 3^3, 4^4, 6, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2^2, 4^6, 6, 12^6\})$	12386304
12	$\mathcal{O}(1; \{2^8, 3, 6^2, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^4, 6^2, 12^6\})$	6294528
12	$\mathcal{O}(1; \{3^7, 6^2, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 6^2, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 6^2, 12^6\})$	25178112

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 6^2, 12^6\})$	12533760
12	$\mathcal{O}(1; \{2^5, 3^2, 6^3, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2, 3^5, 6^3, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^3, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2^6, 6^4, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^3, 6^4, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^3, 4^2, 6^4, 12^6\})$	6303744
12	$\mathcal{O}(1; \{4^4, 6^4, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2^3, 3, 6^5, 12^6\})$	6294528
12	$\mathcal{O}(1; \{3, 4^2, 6^5, 12^6\})$	25178112
12	$\mathcal{O}(1; \{3^2, 6^6, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2, 6^7, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^8, 3, 4, 12^7\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3^4, 4, 12^7\})$	12570624
12	$\mathcal{O}(1; \{3^7, 4, 12^7\})$	100675584
12	$\mathcal{O}(1; \{2^5, 3, 4^3, 12^7\})$	6340608
12	$\mathcal{O}(1; \{2, 3^4, 4^3, 12^7\})$	50282496
12	$\mathcal{O}(1; \{2^2, 3, 4^5, 12^7\})$	25362432
12	$\mathcal{O}(1; \{2^5, 3^2, 4, 6, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2, 3^5, 4, 6, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 6, 12^7\})$	25214976
12	$\mathcal{O}(1; \{2^6, 4, 6^2, 12^7\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 6^2, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2^3, 4^3, 6^2, 12^7\})$	12533760
12	$\mathcal{O}(1; \{4^5, 6^2, 12^7\})$	50135040
12	$\mathcal{O}(1; \{2^3, 3, 4, 6^3, 12^7\})$	12570624
12	$\mathcal{O}(1; \{3, 4^3, 6^3, 12^7\})$	50282496
12	$\mathcal{O}(1; \{3^2, 4, 6^4, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2, 4, 6^5, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2^9, 12^8\})$	1585152
12	$\mathcal{O}(1; \{2^5, 3^3, 12^8\})$	12570624
12	$\mathcal{O}(1; \{2, 3^6, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^6, 4^2, 12^8\})$	6340608
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 12^8\})$	50282496
12	$\mathcal{O}(1; \{2^3, 4^4, 12^8\})$	25362432
12	$\mathcal{O}(1; \{4^6, 12^8\})$	101449728
12	$\mathcal{O}(1; \{2^6, 3, 6, 12^8\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^4, 6, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6, 12^8\})$	25214976
12	$\mathcal{O}(1; \{3, 4^4, 6, 12^8\})$	100859904
12	$\mathcal{O}(1; \{2^3, 3^2, 6^2, 12^8\})$	25178112
12	$\mathcal{O}(1; \{3^2, 4^2, 6^2, 12^8\})$	100712448
12	$\mathcal{O}(1; \{2^4, 6^3, 12^8\})$	12570624

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^3, 6^3, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2, 4^2, 6^3, 12^8\})$	50282496
12	$\mathcal{O}(1; \{2, 3, 6^4, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 12^9\})$	50282496
12	$\mathcal{O}(1; \{3^2, 4^3, 12^9\})$	201129984
12	$\mathcal{O}(1; \{2^4, 4, 6, 12^9\})$	25214976
12	$\mathcal{O}(1; \{3^3, 4, 6, 12^9\})$	201277440
12	$\mathcal{O}(1; \{2, 4^3, 6, 12^9\})$	100859904
12	$\mathcal{O}(1; \{2, 3, 4, 6^2, 12^9\})$	100712448
12	$\mathcal{O}(1; \{2^4, 3, 12^{10}\})$	50282496
12	$\mathcal{O}(1; \{3^4, 12^{10}\})$	402702336
12	$\mathcal{O}(1; \{2, 3, 4^2, 12^{10}\})$	201129984
12	$\mathcal{O}(1; \{2, 3^2, 6, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{2^2, 6^2, 12^{10}\})$	100712448
12	$\mathcal{O}(1; \{2^2, 4, 12^{11}\})$	201129984
12	$\mathcal{O}(1; \{6, 12^{12}\})$	805109760
12	$\mathcal{O}(0; \{2^{22}, 3^2, 4^2\})$	4
12	$\mathcal{O}(0; \{2^{18}, 3^5, 4^2\})$	20
12	$\mathcal{O}(0; \{2^{14}, 3^8, 4^2\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^{11}, 4^2\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^{14}, 4^2\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{17}, 4^2\})$	87380
12	$\mathcal{O}(0; \{2^{19}, 3^2, 4^4\})$	16
12	$\mathcal{O}(0; \{2^{15}, 3^5, 4^4\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^8, 4^4\})$	688
12	$\mathcal{O}(0; \{2^7, 3^{11}, 4^4\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^{14}, 4^4\})$	43696
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^6\})$	64
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^6\})$	320
12	$\mathcal{O}(0; \{2^8, 3^8, 4^6\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^6\})$	21824
12	$\mathcal{O}(0; \{3^{14}, 4^6\})$	174784
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^8\})$	256
12	$\mathcal{O}(0; \{2^9, 3^5, 4^8\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^8, 4^8\})$	11008
12	$\mathcal{O}(0; \{2, 3^{11}, 4^8\})$	87296
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^{10}\})$	1024
12	$\mathcal{O}(0; \{2^6, 3^5, 4^{10}\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^8, 4^{10}\})$	44032
12	$\mathcal{O}(0; \{2^7, 3^2, 4^{12}\})$	4096
12	$\mathcal{O}(0; \{2^3, 3^5, 4^{12}\})$	20480
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{14}\})$	16384
12	$\mathcal{O}(0; \{3^5, 4^{14}\})$	81920

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^2, 4^{16}\})$	65536
12	$\mathcal{O}(0; \{2^{19}, 3^3, 4^2, 6\})$	12
12	$\mathcal{O}(0; \{2^{15}, 3^6, 4^2, 6\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^9, 4^2, 6\})$	684
12	$\mathcal{O}(0; \{2^7, 3^{12}, 4^2, 6\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{15}, 4^2, 6\})$	43692
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^4, 6\})$	48
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^4, 6\})$	336
12	$\mathcal{O}(0; \{2^8, 3^9, 4^4, 6\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^4, 6\})$	21840
12	$\mathcal{O}(0; \{3^{15}, 4^4, 6\})$	174768
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^6, 6\})$	192
12	$\mathcal{O}(0; \{2^9, 3^6, 4^6, 6\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^9, 4^6, 6\})$	10944
12	$\mathcal{O}(0; \{2, 3^{12}, 4^6, 6\})$	87360
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^8, 6\})$	768
12	$\mathcal{O}(0; \{2^6, 3^6, 4^8, 6\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^9, 4^8, 6\})$	43776
12	$\mathcal{O}(0; \{2^7, 3^3, 4^{10}, 6\})$	3072
12	$\mathcal{O}(0; \{2^3, 3^6, 4^{10}, 6\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{12}, 6\})$	12288
12	$\mathcal{O}(0; \{3^6, 4^{12}, 6\})$	86016
12	$\mathcal{O}(0; \{2, 3^3, 4^{14}, 6\})$	49152
12	$\mathcal{O}(0; \{2^{20}, 3, 4^2, 6^2\})$	4
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4^2, 6^2\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4^2, 6^2\})$	340
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4^2, 6^2\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4^2, 6^2\})$	21844
12	$\mathcal{O}(0; \{3^{16}, 4^2, 6^2\})$	174764
12	$\mathcal{O}(0; \{2^{17}, 3, 4^4, 6^2\})$	16
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^4, 6^2\})$	176
12	$\mathcal{O}(0; \{2^9, 3^7, 4^4, 6^2\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^4, 6^2\})$	10928
12	$\mathcal{O}(0; \{2, 3^{13}, 4^4, 6^2\})$	87376
12	$\mathcal{O}(0; \{2^{14}, 3, 4^6, 6^2\})$	64
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^6, 6^2\})$	704
12	$\mathcal{O}(0; \{2^6, 3^7, 4^6, 6^2\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^6, 6^2\})$	43712
12	$\mathcal{O}(0; \{2^{11}, 3, 4^8, 6^2\})$	256
12	$\mathcal{O}(0; \{2^7, 3^4, 4^8, 6^2\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^7, 4^8, 6^2\})$	21760
12	$\mathcal{O}(0; \{2^8, 3, 4^{10}, 6^2\})$	1024
12	$\mathcal{O}(0; \{2^4, 3^4, 4^{10}, 6^2\})$	11264

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^7, 4^{10}, 6^2\})$	87040
12	$\mathcal{O}(0; \{2^5, 3, 4^{12}, 6^2\})$	4096
12	$\mathcal{O}(0; \{2, 3^4, 4^{12}, 6^2\})$	45056
12	$\mathcal{O}(0; \{2^2, 3, 4^{14}, 6^2\})$	16384
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^2, 6^3\})$	20
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^2, 6^3\})$	172
12	$\mathcal{O}(0; \{2^9, 3^8, 4^2, 6^3\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^2, 6^3\})$	10924
12	$\mathcal{O}(0; \{2, 3^{14}, 4^2, 6^3\})$	87380
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^4, 6^3\})$	80
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^4, 6^3\})$	688
12	$\mathcal{O}(0; \{2^6, 3^8, 4^4, 6^3\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^4, 6^3\})$	43696
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^6, 6^3\})$	320
12	$\mathcal{O}(0; \{2^7, 3^5, 4^6, 6^3\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^8, 4^6, 6^3\})$	21824
12	$\mathcal{O}(0; \{2^8, 3^2, 4^8, 6^3\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^5, 4^8, 6^3\})$	11008
12	$\mathcal{O}(0; \{3^8, 4^8, 6^3\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{10}, 6^3\})$	5120
12	$\mathcal{O}(0; \{2, 3^5, 4^{10}, 6^3\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{12}, 6^3\})$	20480
12	$\mathcal{O}(0; \{2^{18}, 4^2, 6^4\})$	12
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^2, 6^4\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^2, 6^4\})$	684
12	$\mathcal{O}(0; \{2^6, 3^9, 4^2, 6^4\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^2, 6^4\})$	43692
12	$\mathcal{O}(0; \{2^{15}, 4^4, 6^4\})$	48
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^4, 6^4\})$	336
12	$\mathcal{O}(0; \{2^7, 3^6, 4^4, 6^4\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^9, 4^4, 6^4\})$	21840
12	$\mathcal{O}(0; \{2^{12}, 4^6, 6^4\})$	192
12	$\mathcal{O}(0; \{2^8, 3^3, 4^6, 6^4\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^6, 4^6, 6^4\})$	10944
12	$\mathcal{O}(0; \{3^9, 4^6, 6^4\})$	87360
12	$\mathcal{O}(0; \{2^9, 4^8, 6^4\})$	768
12	$\mathcal{O}(0; \{2^5, 3^3, 4^8, 6^4\})$	5376
12	$\mathcal{O}(0; \{2, 3^6, 4^8, 6^4\})$	43776
12	$\mathcal{O}(0; \{2^6, 4^{10}, 6^4\})$	3072
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{10}, 6^4\})$	21504
12	$\mathcal{O}(0; \{2^3, 4^{12}, 6^4\})$	12288
12	$\mathcal{O}(0; \{4^{14}, 6^4\})$	49152
12	$\mathcal{O}(0; \{2^{15}, 3, 4^2, 6^5\})$	44

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^2, 6^5\})$	340
12	$\mathcal{O}(0; \{2^7, 3^7, 4^2, 6^5\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^2, 6^5\})$	21844
12	$\mathcal{O}(0; \{2^{12}, 3, 4^4, 6^5\})$	176
12	$\mathcal{O}(0; \{2^8, 3^4, 4^4, 6^5\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^7, 4^4, 6^5\})$	10928
12	$\mathcal{O}(0; \{3^{10}, 4^4, 6^5\})$	87376
12	$\mathcal{O}(0; \{2^9, 3, 4^6, 6^5\})$	704
12	$\mathcal{O}(0; \{2^5, 3^4, 4^6, 6^5\})$	5440
12	$\mathcal{O}(0; \{2, 3^7, 4^6, 6^5\})$	43712
12	$\mathcal{O}(0; \{2^6, 3, 4^8, 6^5\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^4, 4^8, 6^5\})$	21760
12	$\mathcal{O}(0; \{2^3, 3, 4^{10}, 6^5\})$	11264
12	$\mathcal{O}(0; \{3, 4^{12}, 6^5\})$	45056
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^2, 6^6\})$	172
12	$\mathcal{O}(0; \{2^8, 3^5, 4^2, 6^6\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^8, 4^2, 6^6\})$	10924
12	$\mathcal{O}(0; \{3^{11}, 4^2, 6^6\})$	87380
12	$\mathcal{O}(0; \{2^9, 3^2, 4^4, 6^6\})$	688
12	$\mathcal{O}(0; \{2^5, 3^5, 4^4, 6^6\})$	5456
12	$\mathcal{O}(0; \{2, 3^8, 4^4, 6^6\})$	43696
12	$\mathcal{O}(0; \{2^6, 3^2, 4^6, 6^6\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^5, 4^6, 6^6\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^2, 4^8, 6^6\})$	11008
12	$\mathcal{O}(0; \{3^2, 4^{10}, 6^6\})$	44032
12	$\mathcal{O}(0; \{2^{13}, 4^2, 6^7\})$	84
12	$\mathcal{O}(0; \{2^9, 3^3, 4^2, 6^7\})$	684
12	$\mathcal{O}(0; \{2^5, 3^6, 4^2, 6^7\})$	5460
12	$\mathcal{O}(0; \{2, 3^9, 4^2, 6^7\})$	43692
12	$\mathcal{O}(0; \{2^{10}, 4^4, 6^7\})$	336
12	$\mathcal{O}(0; \{2^6, 3^3, 4^4, 6^7\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^6, 4^4, 6^7\})$	21840
12	$\mathcal{O}(0; \{2^7, 4^6, 6^7\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^3, 4^6, 6^7\})$	10944
12	$\mathcal{O}(0; \{2^4, 4^8, 6^7\})$	5376
12	$\mathcal{O}(0; \{3^3, 4^8, 6^7\})$	43776
12	$\mathcal{O}(0; \{2, 4^{10}, 6^7\})$	21504
12	$\mathcal{O}(0; \{2^{10}, 3, 4^2, 6^8\})$	340
12	$\mathcal{O}(0; \{2^6, 3^4, 4^2, 6^8\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^7, 4^2, 6^8\})$	21844
12	$\mathcal{O}(0; \{2^7, 3, 4^4, 6^8\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^4, 4^4, 6^8\})$	10928
12	$\mathcal{O}(0; \{2^4, 3, 4^6, 6^8\})$	5440

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^4, 4^6, 6^8\})$	43712
12	$\mathcal{O}(0; \{2, 3, 4^8, 6^8\})$	21760
12	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 6^9\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 6^9\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 6^9\})$	5456
12	$\mathcal{O}(0; \{3^5, 4^4, 6^9\})$	43696
12	$\mathcal{O}(0; \{2, 3^2, 4^6, 6^9\})$	21824
12	$\mathcal{O}(0; \{2^8, 4^2, 6^{10}\})$	684
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6^{10}\})$	5460
12	$\mathcal{O}(0; \{3^6, 4^2, 6^{10}\})$	43692
12	$\mathcal{O}(0; \{2^5, 4^4, 6^{10}\})$	2736
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 6^{10}\})$	21840
12	$\mathcal{O}(0; \{2^2, 4^6, 6^{10}\})$	10944
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^{11}\})$	2732
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^{11}\})$	21844
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^{11}\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^{12}\})$	10924
12	$\mathcal{O}(0; \{2^3, 4^2, 6^{13}\})$	5460
12	$\mathcal{O}(0; \{4^4, 6^{13}\})$	21840
12	$\mathcal{O}(0; \{3, 4^2, 6^{14}\})$	21844
12	$\mathcal{O}(0; \{2^{23}, 3, 4, 12\})$	4
12	$\mathcal{O}(0; \{2^{19}, 3^4, 4, 12\})$	20
12	$\mathcal{O}(0; \{2^{15}, 3^7, 4, 12\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^{10}, 4, 12\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^{13}, 4, 12\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{16}, 4, 12\})$	87380
12	$\mathcal{O}(0; \{2^{20}, 3, 4^3, 12\})$	16
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4^3, 12\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4^3, 12\})$	688
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4^3, 12\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4^3, 12\})$	43696
12	$\mathcal{O}(0; \{3^{16}, 4^3, 12\})$	349520
12	$\mathcal{O}(0; \{2^{17}, 3, 4^5, 12\})$	64
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^5, 12\})$	320
12	$\mathcal{O}(0; \{2^9, 3^7, 4^5, 12\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^5, 12\})$	21824
12	$\mathcal{O}(0; \{2, 3^{13}, 4^5, 12\})$	174784
12	$\mathcal{O}(0; \{2^{14}, 3, 4^7, 12\})$	256
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^7, 12\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^7, 4^7, 12\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^7, 12\})$	87296
12	$\mathcal{O}(0; \{2^{11}, 3, 4^9, 12\})$	1024
12	$\mathcal{O}(0; \{2^7, 3^4, 4^9, 12\})$	5120

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^7, 4^9, 12\})$	44032
12	$\mathcal{O}(0; \{2^8, 3, 4^{11}, 12\})$	4096
12	$\mathcal{O}(0; \{2^4, 3^4, 4^{11}, 12\})$	20480
12	$\mathcal{O}(0; \{3^7, 4^{11}, 12\})$	176128
12	$\mathcal{O}(0; \{2^5, 3, 4^{13}, 12\})$	16384
12	$\mathcal{O}(0; \{2, 3^4, 4^{13}, 12\})$	81920
12	$\mathcal{O}(0; \{2^2, 3, 4^{15}, 12\})$	65536
12	$\mathcal{O}(0; \{2^{20}, 3^2, 4, 6, 12\})$	12
12	$\mathcal{O}(0; \{2^{16}, 3^5, 4, 6, 12\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^8, 4, 6, 12\})$	684
12	$\mathcal{O}(0; \{2^8, 3^{11}, 4, 6, 12\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{14}, 4, 6, 12\})$	43692
12	$\mathcal{O}(0; \{3^{17}, 4, 6, 12\})$	349524
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^3, 6, 12\})$	48
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^3, 6, 12\})$	336
12	$\mathcal{O}(0; \{2^9, 3^8, 4^3, 6, 12\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^3, 6, 12\})$	21840
12	$\mathcal{O}(0; \{2, 3^{14}, 4^3, 6, 12\})$	174768
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^5, 6, 12\})$	192
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^5, 6, 12\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^8, 4^5, 6, 12\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^5, 6, 12\})$	87360
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^7, 6, 12\})$	768
12	$\mathcal{O}(0; \{2^7, 3^5, 4^7, 6, 12\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^8, 4^7, 6, 12\})$	43776
12	$\mathcal{O}(0; \{2^8, 3^2, 4^9, 6, 12\})$	3072
12	$\mathcal{O}(0; \{2^4, 3^5, 4^9, 6, 12\})$	21504
12	$\mathcal{O}(0; \{3^8, 4^9, 6, 12\})$	175104
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{11}, 6, 12\})$	12288
12	$\mathcal{O}(0; \{2, 3^5, 4^{11}, 6, 12\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{13}, 6, 12\})$	49152
12	$\mathcal{O}(0; \{2^{21}, 4, 6^2, 12\})$	4
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4, 6^2, 12\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4, 6^2, 12\})$	340
12	$\mathcal{O}(0; \{2^9, 3^9, 4, 6^2, 12\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4, 6^2, 12\})$	21844
12	$\mathcal{O}(0; \{2, 3^{15}, 4, 6^2, 12\})$	174764
12	$\mathcal{O}(0; \{2^{18}, 4^3, 6^2, 12\})$	16
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^3, 6^2, 12\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^3, 6^2, 12\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^9, 4^3, 6^2, 12\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^3, 6^2, 12\})$	87376
12	$\mathcal{O}(0; \{2^{15}, 4^5, 6^2, 12\})$	64

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^5, 6^2, 12\})$	704
12	$\mathcal{O}(0; \{2^7, 3^6, 4^5, 6^2, 12\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^9, 4^5, 6^2, 12\})$	43712
12	$\mathcal{O}(0; \{2^{12}, 4^7, 6^2, 12\})$	256
12	$\mathcal{O}(0; \{2^8, 3^3, 4^7, 6^2, 12\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^6, 4^7, 6^2, 12\})$	21760
12	$\mathcal{O}(0; \{3^9, 4^7, 6^2, 12\})$	174848
12	$\mathcal{O}(0; \{2^9, 4^9, 6^2, 12\})$	1024
12	$\mathcal{O}(0; \{2^5, 3^3, 4^9, 6^2, 12\})$	11264
12	$\mathcal{O}(0; \{2, 3^6, 4^9, 6^2, 12\})$	87040
12	$\mathcal{O}(0; \{2^6, 4^{11}, 6^2, 12\})$	4096
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{11}, 6^2, 12\})$	45056
12	$\mathcal{O}(0; \{2^3, 4^{13}, 6^2, 12\})$	16384
12	$\mathcal{O}(0; \{4^{15}, 6^2, 12\})$	65536
12	$\mathcal{O}(0; \{2^{18}, 3, 4, 6^3, 12\})$	20
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4, 6^3, 12\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4, 6^3, 12\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4, 6^3, 12\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4, 6^3, 12\})$	87380
12	$\mathcal{O}(0; \{2^{15}, 3, 4^3, 6^3, 12\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^3, 6^3, 12\})$	688
12	$\mathcal{O}(0; \{2^7, 3^7, 4^3, 6^3, 12\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^3, 6^3, 12\})$	43696
12	$\mathcal{O}(0; \{2^{12}, 3, 4^5, 6^3, 12\})$	320
12	$\mathcal{O}(0; \{2^8, 3^4, 4^5, 6^3, 12\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^7, 4^5, 6^3, 12\})$	21824
12	$\mathcal{O}(0; \{3^{10}, 4^5, 6^3, 12\})$	174784
12	$\mathcal{O}(0; \{2^9, 3, 4^7, 6^3, 12\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^4, 4^7, 6^3, 12\})$	11008
12	$\mathcal{O}(0; \{2, 3^7, 4^7, 6^3, 12\})$	87296
12	$\mathcal{O}(0; \{2^6, 3, 4^9, 6^3, 12\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^4, 4^9, 6^3, 12\})$	44032
12	$\mathcal{O}(0; \{2^3, 3, 4^{11}, 6^3, 12\})$	20480
12	$\mathcal{O}(0; \{3, 4^{13}, 6^3, 12\})$	81920
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4, 6^4, 12\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4, 6^4, 12\})$	684
12	$\mathcal{O}(0; \{2^7, 3^8, 4, 6^4, 12\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4, 6^4, 12\})$	43692
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^3, 6^4, 12\})$	336
12	$\mathcal{O}(0; \{2^8, 3^5, 4^3, 6^4, 12\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^8, 4^3, 6^4, 12\})$	21840
12	$\mathcal{O}(0; \{3^{11}, 4^3, 6^4, 12\})$	174768
12	$\mathcal{O}(0; \{2^9, 3^2, 4^5, 6^4, 12\})$	1344

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^5, 4^5, 6^4, 12\})$	10944
12	$\mathcal{O}(0; \{2, 3^8, 4^5, 6^4, 12\})$	87360
12	$\mathcal{O}(0; \{2^6, 3^2, 4^7, 6^4, 12\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^5, 4^7, 6^4, 12\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^2, 4^9, 6^4, 12\})$	21504
12	$\mathcal{O}(0; \{3^2, 4^{11}, 6^4, 12\})$	86016
12	$\mathcal{O}(0; \{2^{16}, 4, 6^5, 12\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4, 6^5, 12\})$	340
12	$\mathcal{O}(0; \{2^8, 3^6, 4, 6^5, 12\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^9, 4, 6^5, 12\})$	21844
12	$\mathcal{O}(0; \{3^{12}, 4, 6^5, 12\})$	174764
12	$\mathcal{O}(0; \{2^{13}, 4^3, 6^5, 12\})$	176
12	$\mathcal{O}(0; \{2^9, 3^3, 4^3, 6^5, 12\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^6, 4^3, 6^5, 12\})$	10928
12	$\mathcal{O}(0; \{2, 3^9, 4^3, 6^5, 12\})$	87376
12	$\mathcal{O}(0; \{2^{10}, 4^5, 6^5, 12\})$	704
12	$\mathcal{O}(0; \{2^6, 3^3, 4^5, 6^5, 12\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^6, 4^5, 6^5, 12\})$	43712
12	$\mathcal{O}(0; \{2^7, 4^7, 6^5, 12\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^3, 4^7, 6^5, 12\})$	21760
12	$\mathcal{O}(0; \{2^4, 4^9, 6^5, 12\})$	11264
12	$\mathcal{O}(0; \{3^3, 4^9, 6^5, 12\})$	87040
12	$\mathcal{O}(0; \{2, 4^{11}, 6^5, 12\})$	45056
12	$\mathcal{O}(0; \{2^{13}, 3, 4, 6^6, 12\})$	172
12	$\mathcal{O}(0; \{2^9, 3^4, 4, 6^6, 12\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^7, 4, 6^6, 12\})$	10924
12	$\mathcal{O}(0; \{2, 3^{10}, 4, 6^6, 12\})$	87380
12	$\mathcal{O}(0; \{2^{10}, 3, 4^3, 6^6, 12\})$	688
12	$\mathcal{O}(0; \{2^6, 3^4, 4^3, 6^6, 12\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^7, 4^3, 6^6, 12\})$	43696
12	$\mathcal{O}(0; \{2^7, 3, 4^5, 6^6, 12\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^4, 4^5, 6^6, 12\})$	21824
12	$\mathcal{O}(0; \{2^4, 3, 4^7, 6^6, 12\})$	11008
12	$\mathcal{O}(0; \{3^4, 4^7, 6^6, 12\})$	87296
12	$\mathcal{O}(0; \{2, 3, 4^9, 6^6, 12\})$	44032
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4, 6^7, 12\})$	684
12	$\mathcal{O}(0; \{2^6, 3^5, 4, 6^7, 12\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^8, 4, 6^7, 12\})$	43692
12	$\mathcal{O}(0; \{2^7, 3^2, 4^3, 6^7, 12\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^5, 4^3, 6^7, 12\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^2, 4^5, 6^7, 12\})$	10944
12	$\mathcal{O}(0; \{3^5, 4^5, 6^7, 12\})$	87360
12	$\mathcal{O}(0; \{2, 3^2, 4^7, 6^7, 12\})$	43776

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{11}, 4, 6^8, 12\})$	340
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 6^8, 12\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 6^8, 12\})$	21844
12	$\mathcal{O}(0; \{2^8, 4^3, 6^8, 12\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 6^8, 12\})$	10928
12	$\mathcal{O}(0; \{3^6, 4^3, 6^8, 12\})$	87376
12	$\mathcal{O}(0; \{2^5, 4^5, 6^8, 12\})$	5440
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 6^8, 12\})$	43712
12	$\mathcal{O}(0; \{2^2, 4^7, 6^8, 12\})$	21760
12	$\mathcal{O}(0; \{2^8, 3, 4, 6^9, 12\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6^9, 12\})$	10924
12	$\mathcal{O}(0; \{3^7, 4, 6^9, 12\})$	87380
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 6^9, 12\})$	5456
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6^9, 12\})$	43696
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6^9, 12\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^{10}, 12\})$	5460
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^{10}, 12\})$	43692
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^{10}, 12\})$	21840
12	$\mathcal{O}(0; \{2^6, 4, 6^{11}, 12\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^{11}, 12\})$	21844
12	$\mathcal{O}(0; \{2^3, 4^3, 6^{11}, 12\})$	10928
12	$\mathcal{O}(0; \{4^5, 6^{11}, 12\})$	43712
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^{12}, 12\})$	10924
12	$\mathcal{O}(0; \{3, 4^3, 6^{12}, 12\})$	43696
12	$\mathcal{O}(0; \{3^2, 4, 6^{13}, 12\})$	43692
12	$\mathcal{O}(0; \{2, 4, 6^{14}, 12\})$	21844
12	$\mathcal{O}(0; \{2^{24}, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{20}, 3^3, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{16}, 3^6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{12}, 3^9, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^{12}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^{15}, 12^2\})$	87380
12	$\mathcal{O}(0; \{3^{18}, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^{21}, 4^2, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4^2, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4^2, 12^2\})$	688
12	$\mathcal{O}(0; \{2^9, 3^9, 4^2, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4^2, 12^2\})$	43696
12	$\mathcal{O}(0; \{2, 3^{15}, 4^2, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{18}, 4^4, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^4, 12^2\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^4, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^9, 4^4, 12^2\})$	21824

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^4, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^{15}, 4^6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^6, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^6, 4^6, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^9, 4^6, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^{12}, 4^8, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^8, 3^3, 4^8, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^4, 3^6, 4^8, 12^2\})$	44032
12	$\mathcal{O}(0; \{3^9, 4^8, 12^2\})$	349184
12	$\mathcal{O}(0; \{2^9, 4^{10}, 12^2\})$	4096
12	$\mathcal{O}(0; \{2^5, 3^3, 4^{10}, 12^2\})$	20480
12	$\mathcal{O}(0; \{2, 3^6, 4^{10}, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^6, 4^{12}, 12^2\})$	16384
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{12}, 12^2\})$	81920
12	$\mathcal{O}(0; \{2^3, 4^{14}, 12^2\})$	65536
12	$\mathcal{O}(0; \{4^{16}, 12^2\})$	262144
12	$\mathcal{O}(0; \{2^{21}, 3, 6, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{17}, 3^4, 6, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^7, 6, 12^2\})$	684
12	$\mathcal{O}(0; \{2^9, 3^{10}, 6, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^{13}, 6, 12^2\})$	43692
12	$\mathcal{O}(0; \{2, 3^{16}, 6, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{18}, 3, 4^2, 6, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^2, 6, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^2, 6, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^2, 6, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^2, 6, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{15}, 3, 4^4, 6, 12^2\})$	192
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^4, 6, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^7, 4^4, 6, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^4, 6, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^{12}, 3, 4^6, 6, 12^2\})$	768
12	$\mathcal{O}(0; \{2^8, 3^4, 4^6, 6, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^7, 4^6, 6, 12^2\})$	43776
12	$\mathcal{O}(0; \{3^{10}, 4^6, 6, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^9, 3, 4^8, 6, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^5, 3^4, 4^8, 6, 12^2\})$	21504
12	$\mathcal{O}(0; \{2, 3^7, 4^8, 6, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^6, 3, 4^{10}, 6, 12^2\})$	12288
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{10}, 6, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^3, 3, 4^{12}, 6, 12^2\})$	49152
12	$\mathcal{O}(0; \{3, 4^{14}, 6, 12^2\})$	196608
12	$\mathcal{O}(0; \{2^{18}, 3^2, 6^2, 12^2\})$	44

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{14}, 3^5, 6^2, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^8, 6^2, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^{11}, 6^2, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{14}, 6^2, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^2, 6^2, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^2, 6^2, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^8, 4^2, 6^2, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^2, 6^2, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^4, 6^2, 12^2\})$	704
12	$\mathcal{O}(0; \{2^8, 3^5, 4^4, 6^2, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^8, 4^4, 6^2, 12^2\})$	43712
12	$\mathcal{O}(0; \{3^{11}, 4^4, 6^2, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^9, 3^2, 4^6, 6^2, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^5, 4^6, 6^2, 12^2\})$	21760
12	$\mathcal{O}(0; \{2, 3^8, 4^6, 6^2, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^6, 3^2, 4^8, 6^2, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^5, 4^8, 6^2, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{10}, 6^2, 12^2\})$	45056
12	$\mathcal{O}(0; \{3^2, 4^{12}, 6^2, 12^2\})$	180224
12	$\mathcal{O}(0; \{2^{19}, 6^3, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{15}, 3^3, 6^3, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^6, 6^3, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^9, 6^3, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{12}, 6^3, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{16}, 4^2, 6^3, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^2, 6^3, 12^2\})$	688
12	$\mathcal{O}(0; \{2^8, 3^6, 4^2, 6^3, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^9, 4^2, 6^3, 12^2\})$	43696
12	$\mathcal{O}(0; \{3^{12}, 4^2, 6^3, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{13}, 4^4, 6^3, 12^2\})$	320
12	$\mathcal{O}(0; \{2^9, 3^3, 4^4, 6^3, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^6, 4^4, 6^3, 12^2\})$	21824
12	$\mathcal{O}(0; \{2, 3^9, 4^4, 6^3, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^{10}, 4^6, 6^3, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^3, 4^6, 6^3, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^6, 4^6, 6^3, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^7, 4^8, 6^3, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^3, 4^8, 6^3, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^4, 4^{10}, 6^3, 12^2\})$	20480
12	$\mathcal{O}(0; \{3^3, 4^{10}, 6^3, 12^2\})$	176128
12	$\mathcal{O}(0; \{2, 4^{12}, 6^3, 12^2\})$	81920
12	$\mathcal{O}(0; \{2^{16}, 3, 6^4, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^4, 6^4, 12^2\})$	684

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^8, 3^7, 6^4, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{10}, 6^4, 12^2\})$	43692
12	$\mathcal{O}(0; \{3^{13}, 6^4, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{13}, 3, 4^2, 6^4, 12^2\})$	336
12	$\mathcal{O}(0; \{2^9, 3^4, 4^2, 6^4, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^7, 4^2, 6^4, 12^2\})$	21840
12	$\mathcal{O}(0; \{2, 3^{10}, 4^2, 6^4, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{10}, 3, 4^4, 6^4, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^4, 4^4, 6^4, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^7, 4^4, 6^4, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^7, 3, 4^6, 6^4, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^4, 4^6, 6^4, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^4, 3, 4^8, 6^4, 12^2\})$	21504
12	$\mathcal{O}(0; \{3^4, 4^8, 6^4, 12^2\})$	175104
12	$\mathcal{O}(0; \{2, 3, 4^{10}, 6^4, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^{13}, 3^2, 6^5, 12^2\})$	340
12	$\mathcal{O}(0; \{2^9, 3^5, 6^5, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^8, 6^5, 12^2\})$	21844
12	$\mathcal{O}(0; \{2, 3^{11}, 6^5, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^2, 6^5, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^5, 4^2, 6^5, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^8, 4^2, 6^5, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^7, 3^2, 4^4, 6^5, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^5, 4^4, 6^5, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^2, 4^6, 6^5, 12^2\})$	21760
12	$\mathcal{O}(0; \{3^5, 4^6, 6^5, 12^2\})$	174848
12	$\mathcal{O}(0; \{2, 3^2, 4^8, 6^5, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^{14}, 6^6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^3, 6^6, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^6, 6^6, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^9, 6^6, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{11}, 4^2, 6^6, 12^2\})$	688
12	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 6^6, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 6^6, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^8, 4^4, 6^6, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 6^6, 12^2\})$	21824
12	$\mathcal{O}(0; \{3^6, 4^4, 6^6, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^5, 4^6, 6^6, 12^2\})$	11008
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 6^6, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^2, 4^8, 6^6, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^{11}, 3, 6^7, 12^2\})$	684
12	$\mathcal{O}(0; \{2^7, 3^4, 6^7, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^7, 6^7, 12^2\})$	43692

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6^7, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6^7, 12^2\})$	21840
12	$\mathcal{O}(0; \{3^7, 4^2, 6^7, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6^7, 12^2\})$	10944
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6^7, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 6^7, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^8, 3^2, 6^8, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^5, 6^8, 12^2\})$	21844
12	$\mathcal{O}(0; \{3^8, 6^8, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^8, 12^2\})$	10928
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^8, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^8, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^9, 6^9, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^3, 6^9, 12^2\})$	10924
12	$\mathcal{O}(0; \{2, 3^6, 6^9, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^6, 4^2, 6^9, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^9, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^3, 4^4, 6^9, 12^2\})$	21824
12	$\mathcal{O}(0; \{4^6, 6^9, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^6, 3, 6^{10}, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^4, 6^{10}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^{10}, 12^2\})$	21840
12	$\mathcal{O}(0; \{3, 4^4, 6^{10}, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^2, 6^{11}, 12^2\})$	21844
12	$\mathcal{O}(0; \{3^2, 4^2, 6^{11}, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^4, 6^{12}, 12^2\})$	10924
12	$\mathcal{O}(0; \{3^3, 6^{12}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2, 4^2, 6^{12}, 12^2\})$	43696
12	$\mathcal{O}(0; \{2, 3, 6^{13}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4, 12^3\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^3, 12^3\})$	320
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^3, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^8, 4^3, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^3, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^5, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^8, 3^5, 4^5, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^8, 4^5, 12^3\})$	87296
12	$\mathcal{O}(0; \{3^{11}, 4^5, 12^3\})$	699136
12	$\mathcal{O}(0; \{2^9, 3^2, 4^7, 12^3\})$	5120

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^5, 4^7, 12^3\})$	44032
12	$\mathcal{O}(0; \{2, 3^8, 4^7, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^6, 3^2, 4^9, 12^3\})$	20480
12	$\mathcal{O}(0; \{2^2, 3^5, 4^9, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{11}, 12^3\})$	81920
12	$\mathcal{O}(0; \{3^2, 4^{13}, 12^3\})$	327680
12	$\mathcal{O}(0; \{2^{19}, 4, 6, 12^3\})$	48
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4, 6, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4, 6, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^9, 4, 6, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4, 6, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{16}, 4^3, 6, 12^3\})$	192
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^3, 6, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^6, 4^3, 6, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^9, 4^3, 6, 12^3\})$	87360
12	$\mathcal{O}(0; \{3^{12}, 4^3, 6, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^{13}, 4^5, 6, 12^3\})$	768
12	$\mathcal{O}(0; \{2^9, 3^3, 4^5, 6, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^6, 4^5, 6, 12^3\})$	43776
12	$\mathcal{O}(0; \{2, 3^9, 4^5, 6, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^{10}, 4^7, 6, 12^3\})$	3072
12	$\mathcal{O}(0; \{2^6, 3^3, 4^7, 6, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^6, 4^7, 6, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^7, 4^9, 6, 12^3\})$	12288
12	$\mathcal{O}(0; \{2^3, 3^3, 4^9, 6, 12^3\})$	86016
12	$\mathcal{O}(0; \{2^4, 4^{11}, 6, 12^3\})$	49152
12	$\mathcal{O}(0; \{3^3, 4^{11}, 6, 12^3\})$	344064
12	$\mathcal{O}(0; \{2, 4^{13}, 6, 12^3\})$	196608
12	$\mathcal{O}(0; \{2^{16}, 3, 4, 6^2, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4, 6^2, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^7, 4, 6^2, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4, 6^2, 12^3\})$	87376
12	$\mathcal{O}(0; \{3^{13}, 4, 6^2, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{13}, 3, 4^3, 6^2, 12^3\})$	704
12	$\mathcal{O}(0; \{2^9, 3^4, 4^3, 6^2, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^7, 4^3, 6^2, 12^3\})$	43712
12	$\mathcal{O}(0; \{2, 3^{10}, 4^3, 6^2, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^{10}, 3, 4^5, 6^2, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^4, 4^5, 6^2, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^7, 4^5, 6^2, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^7, 3, 4^7, 6^2, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^4, 4^7, 6^2, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^4, 3, 4^9, 6^2, 12^3\})$	45056

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^4, 4^9, 6^2, 12^3\})$	348160
12	$\mathcal{O}(0; \{2, 3, 4^{11}, 6^2, 12^3\})$	180224
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4, 6^3, 12^3\})$	688
12	$\mathcal{O}(0; \{2^9, 3^5, 4, 6^3, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^8, 4, 6^3, 12^3\})$	43696
12	$\mathcal{O}(0; \{2, 3^{11}, 4, 6^3, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^3, 6^3, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^5, 4^3, 6^3, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^8, 4^3, 6^3, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^7, 3^2, 4^5, 6^3, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^5, 4^5, 6^3, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^2, 4^7, 6^3, 12^3\})$	44032
12	$\mathcal{O}(0; \{3^5, 4^7, 6^3, 12^3\})$	349184
12	$\mathcal{O}(0; \{2, 3^2, 4^9, 6^3, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^{14}, 4, 6^4, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4, 6^4, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^6, 4, 6^4, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^9, 4, 6^4, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{11}, 4^3, 6^4, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^3, 4^3, 6^4, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^6, 4^3, 6^4, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^8, 4^5, 6^4, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^3, 4^5, 6^4, 12^3\})$	43776
12	$\mathcal{O}(0; \{3^6, 4^5, 6^4, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^5, 4^7, 6^4, 12^3\})$	21504
12	$\mathcal{O}(0; \{2, 3^3, 4^7, 6^4, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^2, 4^9, 6^4, 12^3\})$	86016
12	$\mathcal{O}(0; \{2^{11}, 3, 4, 6^5, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^4, 4, 6^5, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^7, 4, 6^5, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^8, 3, 4^3, 6^5, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^4, 4^3, 6^5, 12^3\})$	43712
12	$\mathcal{O}(0; \{3^7, 4^3, 6^5, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^5, 3, 4^5, 6^5, 12^3\})$	21760
12	$\mathcal{O}(0; \{2, 3^4, 4^5, 6^5, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^2, 3, 4^7, 6^5, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 6^6, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 6^6, 12^3\})$	43696
12	$\mathcal{O}(0; \{3^8, 4, 6^6, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 6^6, 12^3\})$	21824
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 6^6, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 6^6, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^9, 4, 6^7, 12^3\})$	2736

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6^7, 12^3\})$	21840
12	$\mathcal{O}(0; \{2, 3^6, 4, 6^7, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^6, 4^3, 6^7, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6^7, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^3, 4^5, 6^7, 12^3\})$	43776
12	$\mathcal{O}(0; \{4^7, 6^7, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^8, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^8, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^8, 12^3\})$	43712
12	$\mathcal{O}(0; \{3, 4^5, 6^8, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^9, 12^3\})$	43696
12	$\mathcal{O}(0; \{3^2, 4^3, 6^9, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^4, 4, 6^{10}, 12^3\})$	21840
12	$\mathcal{O}(0; \{3^3, 4, 6^{10}, 12^3\})$	174768
12	$\mathcal{O}(0; \{2, 4^3, 6^{10}, 12^3\})$	87360
12	$\mathcal{O}(0; \{2, 3, 4, 6^{11}, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^{19}, 3, 12^4\})$	80
12	$\mathcal{O}(0; \{2^{15}, 3^4, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{11}, 3^7, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^{10}, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^{13}, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{16}, 3, 4^2, 12^4\})$	320
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^2, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^7, 4^2, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^2, 12^4\})$	174784
12	$\mathcal{O}(0; \{3^{13}, 4^2, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^{13}, 3, 4^4, 12^4\})$	1280
12	$\mathcal{O}(0; \{2^9, 3^4, 4^4, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^7, 4^4, 12^4\})$	87296
12	$\mathcal{O}(0; \{2, 3^{10}, 4^4, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^{10}, 3, 4^6, 12^4\})$	5120
12	$\mathcal{O}(0; \{2^6, 3^4, 4^6, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^7, 4^6, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^7, 3, 4^8, 12^4\})$	20480
12	$\mathcal{O}(0; \{2^3, 3^4, 4^8, 12^4\})$	176128
12	$\mathcal{O}(0; \{2^4, 3, 4^{10}, 12^4\})$	81920
12	$\mathcal{O}(0; \{3^4, 4^{10}, 12^4\})$	704512
12	$\mathcal{O}(0; \{2, 3, 4^{12}, 12^4\})$	327680
12	$\mathcal{O}(0; \{2^{16}, 3^2, 6, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{12}, 3^5, 6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^8, 6, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^{11}, 6, 12^4\})$	174768
12	$\mathcal{O}(0; \{3^{14}, 6, 12^4\})$	1398096

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^2, 6, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^5, 4^2, 6, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^8, 4^2, 6, 12^4\})$	87360
12	$\mathcal{O}(0; \{2, 3^{11}, 4^2, 6, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^4, 6, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^5, 4^4, 6, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^8, 4^4, 6, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^7, 3^2, 4^6, 6, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^5, 4^6, 6, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^2, 4^8, 6, 12^4\})$	86016
12	$\mathcal{O}(0; \{3^5, 4^8, 6, 12^4\})$	700416
12	$\mathcal{O}(0; \{2, 3^2, 4^{10}, 6, 12^4\})$	344064
12	$\mathcal{O}(0; \{2^{17}, 6^2, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{13}, 3^3, 6^2, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^6, 6^2, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^9, 6^2, 12^4\})$	87376
12	$\mathcal{O}(0; \{2, 3^{12}, 6^2, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{14}, 4^2, 6^2, 12^4\})$	704
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^2, 6^2, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^6, 4^2, 6^2, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^9, 4^2, 6^2, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^{11}, 4^4, 6^2, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^3, 4^4, 6^2, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^6, 4^4, 6^2, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^8, 4^6, 6^2, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^3, 4^6, 6^2, 12^4\})$	87040
12	$\mathcal{O}(0; \{3^6, 4^6, 6^2, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^5, 4^8, 6^2, 12^4\})$	45056
12	$\mathcal{O}(0; \{2, 3^3, 4^8, 6^2, 12^4\})$	348160
12	$\mathcal{O}(0; \{2^2, 4^{10}, 6^2, 12^4\})$	180224
12	$\mathcal{O}(0; \{2^{14}, 3, 6^3, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^4, 6^3, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^7, 6^3, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{10}, 6^3, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{11}, 3, 4^2, 6^3, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^4, 4^2, 6^3, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^7, 4^2, 6^3, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^8, 3, 4^4, 6^3, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^4, 4^4, 6^3, 12^4\})$	87296
12	$\mathcal{O}(0; \{3^7, 4^4, 6^3, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^5, 3, 4^6, 6^3, 12^4\})$	44032
12	$\mathcal{O}(0; \{2, 3^4, 4^6, 6^3, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^2, 3, 4^8, 6^3, 12^4\})$	176128

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{11}, 3^2, 6^4, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^5, 6^4, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^8, 6^4, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 6^4, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 6^4, 12^4\})$	87360
12	$\mathcal{O}(0; \{3^8, 4^2, 6^4, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 6^4, 12^4\})$	43776
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 6^4, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 6^4, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^{12}, 6^5, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^3, 6^5, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^6, 6^5, 12^4\})$	87376
12	$\mathcal{O}(0; \{3^9, 6^5, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^9, 4^2, 6^5, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6^5, 12^4\})$	43712
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6^5, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^6, 4^4, 6^5, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6^5, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^3, 4^6, 6^5, 12^4\})$	87040
12	$\mathcal{O}(0; \{4^8, 6^5, 12^4\})$	348160
12	$\mathcal{O}(0; \{2^9, 3, 6^6, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^4, 6^6, 12^4\})$	43696
12	$\mathcal{O}(0; \{2, 3^7, 6^6, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^6, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^6, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^6, 12^4\})$	87296
12	$\mathcal{O}(0; \{3, 4^6, 6^6, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^6, 3^2, 6^7, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^5, 6^7, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^7, 12^4\})$	87360
12	$\mathcal{O}(0; \{3^2, 4^4, 6^7, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^7, 6^8, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^3, 6^8, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^4, 4^2, 6^8, 12^4\})$	43712
12	$\mathcal{O}(0; \{3^3, 4^2, 6^8, 12^4\})$	349504
12	$\mathcal{O}(0; \{2, 4^4, 6^8, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^4, 3, 6^9, 12^4\})$	43696
12	$\mathcal{O}(0; \{3^4, 6^9, 12^4\})$	349520
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^9, 12^4\})$	174784
12	$\mathcal{O}(0; \{2, 3^2, 6^{10}, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^2, 6^{11}, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^{17}, 4, 12^5\})$	320
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4, 12^5\})$	2752

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^9, 3^6, 4, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^9, 4, 12^5\})$	174784
12	$\mathcal{O}(0; \{2, 3^{12}, 4, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^{14}, 4^3, 12^5\})$	1280
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^3, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^6, 4^3, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^9, 4^3, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^{11}, 4^5, 12^5\})$	5120
12	$\mathcal{O}(0; \{2^7, 3^3, 4^5, 12^5\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^6, 4^5, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^8, 4^7, 12^5\})$	20480
12	$\mathcal{O}(0; \{2^4, 3^3, 4^7, 12^5\})$	176128
12	$\mathcal{O}(0; \{3^6, 4^7, 12^5\})$	1396736
12	$\mathcal{O}(0; \{2^5, 4^9, 12^5\})$	81920
12	$\mathcal{O}(0; \{2, 3^3, 4^9, 12^5\})$	704512
12	$\mathcal{O}(0; \{2^2, 4^{11}, 12^5\})$	327680
12	$\mathcal{O}(0; \{2^{14}, 3, 4, 6, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4, 6, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^7, 4, 6, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4, 6, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^{11}, 3, 4^3, 6, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^7, 3^4, 4^3, 6, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^7, 4^3, 6, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^8, 3, 4^5, 6, 12^5\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^4, 4^5, 6, 12^5\})$	175104
12	$\mathcal{O}(0; \{3^7, 4^5, 6, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^5, 3, 4^7, 6, 12^5\})$	86016
12	$\mathcal{O}(0; \{2, 3^4, 4^7, 6, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^2, 3, 4^9, 6, 12^5\})$	344064
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4, 6^2, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^5, 4, 6^2, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^8, 4, 6^2, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^8, 3^2, 4^3, 6^2, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^5, 4^3, 6^2, 12^5\})$	174848
12	$\mathcal{O}(0; \{3^8, 4^3, 6^2, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^5, 3^2, 4^5, 6^2, 12^5\})$	87040
12	$\mathcal{O}(0; \{2, 3^5, 4^5, 6^2, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^2, 4^7, 6^2, 12^5\})$	348160
12	$\mathcal{O}(0; \{2^{12}, 4, 6^3, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^3, 4, 6^3, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^6, 4, 6^3, 12^5\})$	174784
12	$\mathcal{O}(0; \{3^9, 4, 6^3, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^9, 4^3, 6^3, 12^5\})$	11008

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 6^3, 12^5\})$	87296
12	$\mathcal{O}(0; \{2, 3^6, 4^3, 6^3, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^6, 4^5, 6^3, 12^5\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 6^3, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^3, 4^7, 6^3, 12^5\})$	176128
12	$\mathcal{O}(0; \{4^9, 6^3, 12^5\})$	704512
12	$\mathcal{O}(0; \{2^9, 3, 4, 6^4, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 6^4, 12^5\})$	87360
12	$\mathcal{O}(0; \{2, 3^7, 4, 6^4, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 6^4, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6^4, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 6^4, 12^5\})$	175104
12	$\mathcal{O}(0; \{3, 4^7, 6^4, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^5, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^5, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^5, 12^5\})$	174848
12	$\mathcal{O}(0; \{3^2, 4^5, 6^5, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^7, 4, 6^6, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^6, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^4, 4^3, 6^6, 12^5\})$	87296
12	$\mathcal{O}(0; \{3^3, 4^3, 6^6, 12^5\})$	699136
12	$\mathcal{O}(0; \{2, 4^5, 6^6, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^7, 12^5\})$	87360
12	$\mathcal{O}(0; \{3^4, 4, 6^7, 12^5\})$	699072
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^7, 12^5\})$	349440
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^8, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^2, 4, 6^9, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^{14}, 3^2, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^{10}, 3^5, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^8, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^{11}, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^2, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^7, 3^5, 4^2, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^8, 4^2, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^8, 3^2, 4^4, 12^6\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^5, 4^4, 12^6\})$	349184
12	$\mathcal{O}(0; \{3^8, 4^4, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2^5, 3^2, 4^6, 12^6\})$	176128
12	$\mathcal{O}(0; \{2, 3^5, 4^6, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^2, 3^2, 4^8, 12^6\})$	704512
12	$\mathcal{O}(0; \{2^{15}, 6, 12^6\})$	1344
12	$\mathcal{O}(0; \{2^{11}, 3^3, 6, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^6, 6, 12^6\})$	87360

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^9, 6, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^{12}, 4^2, 6, 12^6\})$	5376
12	$\mathcal{O}(0; \{2^8, 3^3, 4^2, 6, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^6, 4^2, 6, 12^6\})$	349440
12	$\mathcal{O}(0; \{3^9, 4^2, 6, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^9, 4^4, 6, 12^6\})$	21504
12	$\mathcal{O}(0; \{2^5, 3^3, 4^4, 6, 12^6\})$	175104
12	$\mathcal{O}(0; \{2, 3^6, 4^4, 6, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^6, 4^6, 6, 12^6\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^3, 4^6, 6, 12^6\})$	700416
12	$\mathcal{O}(0; \{2^3, 4^8, 6, 12^6\})$	344064
12	$\mathcal{O}(0; \{4^{10}, 6, 12^6\})$	1376256
12	$\mathcal{O}(0; \{2^{12}, 3, 6^2, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^4, 6^2, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^7, 6^2, 12^6\})$	349504
12	$\mathcal{O}(0; \{3^{10}, 6^2, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 6^2, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 6^2, 12^6\})$	174848
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 6^2, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 6^2, 12^6\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 6^2, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 6^2, 12^6\})$	348160
12	$\mathcal{O}(0; \{3, 4^8, 6^2, 12^6\})$	1392640
12	$\mathcal{O}(0; \{2^9, 3^2, 6^3, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^5, 6^3, 12^6\})$	174784
12	$\mathcal{O}(0; \{2, 3^8, 6^3, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6^3, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6^3, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6^3, 12^6\})$	349184
12	$\mathcal{O}(0; \{3^2, 4^6, 6^3, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^{10}, 6^4, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^3, 6^4, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^6, 6^4, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^7, 4^2, 6^4, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^4, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^4, 4^4, 6^4, 12^6\})$	175104
12	$\mathcal{O}(0; \{3^3, 4^4, 6^4, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2, 4^6, 6^4, 12^6\})$	700416
12	$\mathcal{O}(0; \{2^7, 3, 6^5, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^4, 6^5, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^5, 12^6\})$	174848
12	$\mathcal{O}(0; \{3^4, 4^2, 6^5, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^5, 12^6\})$	699392

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^2, 6^6, 12^6\})$	174784
12	$\mathcal{O}(0; \{3^5, 6^6, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^6, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^5, 6^7, 12^6\})$	87360
12	$\mathcal{O}(0; \{2, 3^3, 6^7, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^2, 4^2, 6^7, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^2, 3, 6^8, 12^6\})$	349504
12	$\mathcal{O}(0; \{6^{10}, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^{12}, 3, 4, 12^7\})$	11008
12	$\mathcal{O}(0; \{2^8, 3^4, 4, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^7, 4, 12^7\})$	699136
12	$\mathcal{O}(0; \{3^{10}, 4, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2^9, 3, 4^3, 12^7\})$	44032
12	$\mathcal{O}(0; \{2^5, 3^4, 4^3, 12^7\})$	349184
12	$\mathcal{O}(0; \{2, 3^7, 4^3, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^6, 3, 4^5, 12^7\})$	176128
12	$\mathcal{O}(0; \{2^2, 3^4, 4^5, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2^3, 3, 4^7, 12^7\})$	704512
12	$\mathcal{O}(0; \{3, 4^9, 12^7\})$	2818048
12	$\mathcal{O}(0; \{2^9, 3^2, 4, 6, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^5, 4, 6, 12^7\})$	349440
12	$\mathcal{O}(0; \{2, 3^8, 4, 6, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 6, 12^7\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 6, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 6, 12^7\})$	700416
12	$\mathcal{O}(0; \{3^2, 4^7, 6, 12^7\})$	2801664
12	$\mathcal{O}(0; \{2^{10}, 4, 6^2, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 6^2, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 6^2, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^7, 4^3, 6^2, 12^7\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6^2, 12^7\})$	699392
12	$\mathcal{O}(0; \{2^4, 4^5, 6^2, 12^7\})$	348160
12	$\mathcal{O}(0; \{3^3, 4^5, 6^2, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2, 4^7, 6^2, 12^7\})$	1392640
12	$\mathcal{O}(0; \{2^7, 3, 4, 6^3, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^3, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^3, 12^7\})$	349184
12	$\mathcal{O}(0; \{3^4, 4^3, 6^3, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2, 3, 4^5, 6^3, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^4, 12^7\})$	349440
12	$\mathcal{O}(0; \{3^5, 4, 6^4, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^4, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^5, 4, 6^5, 12^7\})$	174848

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^5, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^2, 4^3, 6^5, 12^7\})$	699392
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^6, 12^7\})$	699136
12	$\mathcal{O}(0; \{4, 6^8, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^{13}, 12^8\})$	11008
12	$\mathcal{O}(0; \{2^9, 3^3, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^6, 12^8\})$	699136
12	$\mathcal{O}(0; \{2, 3^9, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^{10}, 4^2, 12^8\})$	44032
12	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 12^8\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^7, 4^4, 12^8\})$	176128
12	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 12^8\})$	1396736
12	$\mathcal{O}(0; \{2^4, 4^6, 12^8\})$	704512
12	$\mathcal{O}(0; \{3^3, 4^6, 12^8\})$	5586944
12	$\mathcal{O}(0; \{2, 4^8, 12^8\})$	2818048
12	$\mathcal{O}(0; \{2^{10}, 3, 6, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^4, 6, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^7, 6, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 6, 12^8\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 6, 12^8\})$	700416
12	$\mathcal{O}(0; \{3^4, 4^4, 6, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2, 3, 4^6, 6, 12^8\})$	2801664
12	$\mathcal{O}(0; \{2^7, 3^2, 6^2, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^5, 6^2, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^2, 12^8\})$	699392
12	$\mathcal{O}(0; \{3^5, 4^2, 6^2, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^2, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2^8, 6^3, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^3, 6^3, 12^8\})$	699136
12	$\mathcal{O}(0; \{3^6, 6^3, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^5, 4^2, 6^3, 12^8\})$	349184
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^3, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^2, 4^4, 6^3, 12^8\})$	1396736
12	$\mathcal{O}(0; \{2^5, 3, 6^4, 12^8\})$	349440
12	$\mathcal{O}(0; \{2, 3^4, 6^4, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^4, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3^2, 6^5, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^3, 6^6, 12^8\})$	699136
12	$\mathcal{O}(0; \{4^2, 6^6, 12^8\})$	2796544
12	$\mathcal{O}(0; \{3, 6^7, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 12^9\})$	349184

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 12^9\})$	1396736
12	$\mathcal{O}(0; \{3^5, 4^3, 12^9\})$	11186176
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 12^9\})$	5586944
12	$\mathcal{O}(0; \{2^8, 4, 6, 12^9\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6, 12^9\})$	1397760
12	$\mathcal{O}(0; \{3^6, 4, 6, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2^5, 4^3, 6, 12^9\})$	700416
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6, 12^9\})$	5591040
12	$\mathcal{O}(0; \{2^2, 4^5, 6, 12^9\})$	2801664
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^2, 12^9\})$	699392
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^2, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^2, 12^9\})$	2797568
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^3, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2^3, 4, 6^4, 12^9\})$	1397760
12	$\mathcal{O}(0; \{4^3, 6^4, 12^9\})$	5591040
12	$\mathcal{O}(0; \{3, 4, 6^5, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^8, 3, 12^{10}\})$	349184
12	$\mathcal{O}(0; \{2^4, 3^4, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{3^7, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 12^{10}\})$	1396736
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 12^{10}\})$	5586944
12	$\mathcal{O}(0; \{2^5, 3^2, 6, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2, 3^5, 6, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{2^6, 6^2, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2^3, 4^2, 6^2, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{4^4, 6^2, 12^{10}\})$	11190272
12	$\mathcal{O}(0; \{2^3, 3, 6^3, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{3, 4^2, 6^3, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{3^2, 6^4, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2, 6^5, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2^6, 4, 12^{11}\})$	1396736
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{2^3, 4^3, 12^{11}\})$	5586944
12	$\mathcal{O}(0; \{4^5, 12^{11}\})$	22347776
12	$\mathcal{O}(0; \{2^3, 3, 4, 6, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{3, 4^3, 6, 12^{11}\})$	22364160
12	$\mathcal{O}(0; \{3^2, 4, 6^2, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{2, 4, 6^3, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{2^3, 3^2, 12^{12}\})$	11186176

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^2, 4^2, 12^{12}\})$	44744704
12	$\mathcal{O}(0; \{2^4, 6, 12^{12}\})$	5591040
12	$\mathcal{O}(0; \{3^3, 6, 12^{12}\})$	44740608
12	$\mathcal{O}(0; \{2, 4^2, 6, 12^{12}\})$	22364160
12	$\mathcal{O}(0; \{2, 3, 6^2, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{2, 3, 4, 12^{13}\})$	44744704
12	$\mathcal{O}(0; \{2^2, 12^{14}\})$	44744704
13	$\mathcal{O}(0; \{13^{14}\})$	98762958811452
14	$\mathcal{O}(4; \{2^3, 7^2, 14\})$	44273671680
14	$\mathcal{O}(4; \{2, 7, 14^3\})$	274496764416
14	$\mathcal{O}(3; \{2^2, 7^6\})$	50191886976
14	$\mathcal{O}(3; \{2^7, 7^2, 14\})$	225886080
14	$\mathcal{O}(3; \{7^5, 14^2\})$	301106144640
14	$\mathcal{O}(3; \{2^5, 7, 14^3\})$	1400493696
14	$\mathcal{O}(3; \{2^3, 14^5\})$	8357784960
14	$\mathcal{O}(2; \{2^6, 7^6\})$	256081056
14	$\mathcal{O}(2; \{2^{11}, 7^2, 14\})$	1152480
14	$\mathcal{O}(2; \{2^4, 7^5, 14^2\})$	1536255840
14	$\mathcal{O}(2; \{2^9, 7, 14^3\})$	7145376
14	$\mathcal{O}(2; \{2^2, 7^4, 14^4\})$	9217765536
14	$\mathcal{O}(2; \{2^7, 14^5\})$	42641760
14	$\mathcal{O}(2; \{7^3, 14^6\})$	55306362720
14	$\mathcal{O}(1; \{2^{10}, 7^6\})$	1306536
14	$\mathcal{O}(1; \{2^{15}, 7^2, 14\})$	5880
14	$\mathcal{O}(1; \{2^3, 7^9, 14\})$	1693053096
14	$\mathcal{O}(1; \{2^8, 7^5, 14^2\})$	7838040
14	$\mathcal{O}(1; \{2^{13}, 7, 14^3\})$	36456
14	$\mathcal{O}(1; \{2, 7^8, 14^3\})$	10158317400
14	$\mathcal{O}(1; \{2^6, 7^4, 14^4\})$	47029416
14	$\mathcal{O}(1; \{2^{11}, 14^5\})$	217560
14	$\mathcal{O}(1; \{2^4, 7^3, 14^6\})$	282175320
14	$\mathcal{O}(1; \{2^2, 7^2, 14^8\})$	1693053096
14	$\mathcal{O}(1; \{7, 14^{10}\})$	10158317400
14	$\mathcal{O}(0; \{2^{14}, 7^6\})$	6666
14	$\mathcal{O}(0; \{2^2, 7^{13}\})$	1865813430
14	$\mathcal{O}(0; \{2^{19}, 7^2, 14\})$	30
14	$\mathcal{O}(0; \{2^7, 7^9, 14\})$	8638026
14	$\mathcal{O}(0; \{2^{12}, 7^5, 14^2\})$	39990
14	$\mathcal{O}(0; \{7^{12}, 14^2\})$	11194880586
14	$\mathcal{O}(0; \{2^{17}, 7, 14^3\})$	186
14	$\mathcal{O}(0; \{2^5, 7^8, 14^3\})$	51828150
14	$\mathcal{O}(0; \{2^{10}, 7^4, 14^4\})$	239946
14	$\mathcal{O}(0; \{2^{15}, 14^5\})$	1110

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(0; \{2^3, 7^7, 14^5\})$	310968906
14	$\mathcal{O}(0; \{2^8, 7^3, 14^6\})$	1439670
14	$\mathcal{O}(0; \{2, 7^6, 14^7\})$	1865813430
14	$\mathcal{O}(0; \{2^6, 7^2, 14^8\})$	8638026
14	$\mathcal{O}(0; \{2^4, 7, 14^{10}\})$	51828150
14	$\mathcal{O}(0; \{2^2, 14^{12}\})$	310968906
15	$\mathcal{O}(4; \{5^2, 15^2\})$	266540625000
15	$\mathcal{O}(4; \{3, 15^3\})$	184528125000
15	$\mathcal{O}(3; \{3^2, 5^4, 15\})$	4647375000
15	$\mathcal{O}(3; \{3^3, 5^2, 15^2\})$	5923125000
15	$\mathcal{O}(3; \{3^4, 15^3\})$	5740875000
15	$\mathcal{O}(3; \{5, 15^5\})$	93403125000
15	$\mathcal{O}(2; \{3^4, 5^6\})$	249075000
15	$\mathcal{O}(2; \{3^5, 5^4, 15\})$	227205000
15	$\mathcal{O}(2; \{3^6, 5^2, 15^2\})$	226395000
15	$\mathcal{O}(2; \{5^7, 15^2\})$	5308335000
15	$\mathcal{O}(2; \{3^7, 15^3\})$	207765000
15	$\mathcal{O}(2; \{3, 5^5, 15^3\})$	3981555000
15	$\mathcal{O}(2; \{3^2, 5^3, 15^4\})$	3648645000
15	$\mathcal{O}(2; \{3^3, 5, 15^5\})$	3570075000
15	$\mathcal{O}(2; \{15^8\})$	57068955000
15	$\mathcal{O}(1; \{3^7, 5^6\})$	7749000
15	$\mathcal{O}(1; \{3^8, 5^4, 15\})$	7803000
15	$\mathcal{O}(1; \{3^2, 5^9, 15\})$	94372200
15	$\mathcal{O}(1; \{3^9, 5^2, 15^2\})$	7979400
15	$\mathcal{O}(1; \{3^3, 5^7, 15^2\})$	117963000
15	$\mathcal{O}(1; \{3^{10}, 15^3\})$	7371000
15	$\mathcal{O}(1; \{3^4, 5^5, 15^3\})$	123870600
15	$\mathcal{O}(1; \{3^5, 5^3, 15^4\})$	125307000
15	$\mathcal{O}(1; \{3^6, 5, 15^5\})$	125829000
15	$\mathcal{O}(1; \{5^6, 15^5\})$	1887435000
15	$\mathcal{O}(1; \{3, 5^4, 15^6\})$	1981816200
15	$\mathcal{O}(1; \{3^2, 5^2, 15^7\})$	2005371000
15	$\mathcal{O}(1; \{3^3, 15^8\})$	2011422600
15	$\mathcal{O}(0; \{3^{10}, 5^6\})$	280440
15	$\mathcal{O}(0; \{3^4, 5^{11}\})$	5033160
15	$\mathcal{O}(0; \{3^{11}, 5^4, 15\})$	278664
15	$\mathcal{O}(0; \{3^5, 5^9, 15\})$	4613752
15	$\mathcal{O}(0; \{3^{12}, 5^2, 15^2\})$	284024
15	$\mathcal{O}(0; \{3^6, 5^7, 15^2\})$	4508808
15	$\mathcal{O}(0; \{5^{12}, 15^2\})$	107374184
15	$\mathcal{O}(0; \{3^{13}, 15^3\})$	262152
15	$\mathcal{O}(0; \{3^7, 5^5, 15^3\})$	4482936

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{3, 5^{10}, 15^3\})$	80530632
15	$\mathcal{O}(0; \{3^8, 5^3, 15^4\})$	4475016
15	$\mathcal{O}(0; \{3^2, 5^8, 15^4\})$	73819768
15	$\mathcal{O}(0; \{3^9, 5, 15^5\})$	4478840
15	$\mathcal{O}(0; \{3^3, 5^6, 15^5\})$	72141960
15	$\mathcal{O}(0; \{3^4, 5^4, 15^6\})$	71722872
15	$\mathcal{O}(0; \{3^5, 5^2, 15^7\})$	71616648
15	$\mathcal{O}(0; \{3^6, 15^8\})$	71595896
15	$\mathcal{O}(0; \{5^5, 15^8\})$	1154272392
15	$\mathcal{O}(0; \{3, 5^3, 15^9\})$	1147561848
15	$\mathcal{O}(0; \{3^2, 5, 15^{10}\})$	1145882760
16	$\mathcal{O}(4; \{2^2, 16^2\})$	34359738368
16	$\mathcal{O}(3; \{2^6, 16^2\})$	134217728
16	$\mathcal{O}(3; \{2^3, 4^2, 16^2\})$	536870912
16	$\mathcal{O}(3; \{4^4, 16^2\})$	2147483648
16	$\mathcal{O}(3; \{2, 4, 8^2, 16^2\})$	4294967296
16	$\mathcal{O}(2; \{2^{10}, 16^2\})$	524288
16	$\mathcal{O}(2; \{2^7, 4^2, 16^2\})$	2097152
16	$\mathcal{O}(2; \{2^4, 4^4, 16^2\})$	8388608
16	$\mathcal{O}(2; \{2, 4^6, 16^2\})$	33554432
16	$\mathcal{O}(2; \{2^5, 4, 8^2, 16^2\})$	16777216
16	$\mathcal{O}(2; \{2^2, 4^3, 8^2, 16^2\})$	67108864
16	$\mathcal{O}(2; \{2^3, 8^4, 16^2\})$	134217728
16	$\mathcal{O}(2; \{4^2, 8^4, 16^2\})$	536870912
16	$\mathcal{O}(2; \{2^3, 4, 8, 16^4\})$	268435456
16	$\mathcal{O}(2; \{4^3, 8, 16^4\})$	1073741824
16	$\mathcal{O}(2; \{2, 8^3, 16^4\})$	2147483648
16	$\mathcal{O}(2; \{2, 4, 16^6\})$	4294967296
16	$\mathcal{O}(1; \{2^{14}, 16^2\})$	2048
16	$\mathcal{O}(1; \{2^{11}, 4^2, 16^2\})$	8192
16	$\mathcal{O}(1; \{2^8, 4^4, 16^2\})$	32768
16	$\mathcal{O}(1; \{2^5, 4^6, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^2, 4^8, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^9, 4, 8^2, 16^2\})$	65536
16	$\mathcal{O}(1; \{2^6, 4^3, 8^2, 16^2\})$	262144
16	$\mathcal{O}(1; \{2^3, 4^5, 8^2, 16^2\})$	1048576
16	$\mathcal{O}(1; \{4^7, 8^2, 16^2\})$	4194304
16	$\mathcal{O}(1; \{2^7, 8^4, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^4, 4^2, 8^4, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2, 4^4, 8^4, 16^2\})$	8388608
16	$\mathcal{O}(1; \{2^2, 4, 8^6, 16^2\})$	16777216
16	$\mathcal{O}(1; \{8^8, 16^2\})$	134217728
16	$\mathcal{O}(1; \{2^7, 4, 8, 16^4\})$	1048576

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{2^4, 4^3, 8, 16^4\})$	4194304
16	$\mathcal{O}(1; \{2, 4^5, 8, 16^4\})$	16777216
16	$\mathcal{O}(1; \{2^5, 8^3, 16^4\})$	8388608
16	$\mathcal{O}(1; \{2^2, 4^2, 8^3, 16^4\})$	33554432
16	$\mathcal{O}(1; \{4, 8^5, 16^4\})$	268435456
16	$\mathcal{O}(1; \{2^5, 4, 16^6\})$	16777216
16	$\mathcal{O}(1; \{2^2, 4^3, 16^6\})$	67108864
16	$\mathcal{O}(1; \{2^3, 8^2, 16^6\})$	134217728
16	$\mathcal{O}(1; \{4^2, 8^2, 16^6\})$	536870912
16	$\mathcal{O}(1; \{2, 8, 16^8\})$	2147483648
16	$\mathcal{O}(0; \{2^{18}, 16^2\})$	8
16	$\mathcal{O}(0; \{2^{15}, 4^2, 16^2\})$	32
16	$\mathcal{O}(0; \{2^{12}, 4^4, 16^2\})$	128
16	$\mathcal{O}(0; \{2^9, 4^6, 16^2\})$	512
16	$\mathcal{O}(0; \{2^6, 4^8, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^3, 4^{10}, 16^2\})$	8192
16	$\mathcal{O}(0; \{4^{12}, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^{13}, 4, 8^2, 16^2\})$	256
16	$\mathcal{O}(0; \{2^{10}, 4^3, 8^2, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^7, 4^5, 8^2, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^4, 4^7, 8^2, 16^2\})$	16384
16	$\mathcal{O}(0; \{2, 4^9, 8^2, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^{11}, 8^4, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^8, 4^2, 8^4, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^5, 4^4, 8^4, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^2, 4^6, 8^4, 16^2\})$	131072
16	$\mathcal{O}(0; \{2^6, 4, 8^6, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^3, 4^3, 8^6, 16^2\})$	262144
16	$\mathcal{O}(0; \{4^5, 8^6, 16^2\})$	1048576
16	$\mathcal{O}(0; \{2^4, 8^8, 16^2\})$	524288
16	$\mathcal{O}(0; \{2, 4^2, 8^8, 16^2\})$	2097152
16	$\mathcal{O}(0; \{2^{11}, 4, 8, 16^4\})$	4096
16	$\mathcal{O}(0; \{2^8, 4^3, 8, 16^4\})$	16384
16	$\mathcal{O}(0; \{2^5, 4^5, 8, 16^4\})$	65536
16	$\mathcal{O}(0; \{2^2, 4^7, 8, 16^4\})$	262144
16	$\mathcal{O}(0; \{2^9, 8^3, 16^4\})$	32768
16	$\mathcal{O}(0; \{2^6, 4^2, 8^3, 16^4\})$	131072
16	$\mathcal{O}(0; \{2^3, 4^4, 8^3, 16^4\})$	524288
16	$\mathcal{O}(0; \{4^6, 8^3, 16^4\})$	2097152
16	$\mathcal{O}(0; \{2^4, 4, 8^5, 16^4\})$	1048576
16	$\mathcal{O}(0; \{2, 4^3, 8^5, 16^4\})$	4194304
16	$\mathcal{O}(0; \{2^2, 8^7, 16^4\})$	8388608
16	$\mathcal{O}(0; \{2^9, 4, 16^6\})$	65536

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{2^6, 4^3, 16^6\})$	262144
16	$\mathcal{O}(0; \{2^3, 4^5, 16^6\})$	1048576
16	$\mathcal{O}(0; \{4^7, 16^6\})$	4194304
16	$\mathcal{O}(0; \{2^7, 8^2, 16^6\})$	524288
16	$\mathcal{O}(0; \{2^4, 4^2, 8^2, 16^6\})$	2097152
16	$\mathcal{O}(0; \{2, 4^4, 8^2, 16^6\})$	8388608
16	$\mathcal{O}(0; \{2^2, 4, 8^4, 16^6\})$	16777216
16	$\mathcal{O}(0; \{8^6, 16^6\})$	134217728
16	$\mathcal{O}(0; \{2^5, 8, 16^8\})$	8388608
16	$\mathcal{O}(0; \{2^2, 4^2, 8, 16^8\})$	33554432
16	$\mathcal{O}(0; \{4, 8^3, 16^8\})$	268435456
16	$\mathcal{O}(0; \{2^3, 16^{10}\})$	134217728
16	$\mathcal{O}(0; \{4^2, 16^{10}\})$	536870912
17	$\mathcal{O}(0; \{17^{11}\})$	1034834473200
18	$\mathcal{O}(4; \{18^2\})$	66119763456
18	$\mathcal{O}(3; \{2, 3, 9^2, 18\})$	1224440064
18	$\mathcal{O}(3; \{2^4, 18^2\})$	204073344
18	$\mathcal{O}(3; \{3^3, 18^2\})$	1632586752
18	$\mathcal{O}(3; \{2, 3, 6, 18^2\})$	816293376
18	$\mathcal{O}(2; \{2^2, 3^2, 9^4\})$	68024448
18	$\mathcal{O}(2; \{2^3, 6, 9^4\})$	34012224
18	$\mathcal{O}(2; \{3, 6^2, 9^4\})$	136048896
18	$\mathcal{O}(2; \{2^5, 3, 9^2, 18\})$	3779136
18	$\mathcal{O}(2; \{2, 3^4, 9^2, 18\})$	30233088
18	$\mathcal{O}(2; \{2^2, 3^2, 6, 9^2, 18\})$	15116544
18	$\mathcal{O}(2; \{2^3, 6^2, 9^2, 18\})$	7558272
18	$\mathcal{O}(2; \{3, 6^3, 9^2, 18\})$	30233088
18	$\mathcal{O}(2; \{2, 9^5, 18\})$	561201696
18	$\mathcal{O}(2; \{2^8, 18^2\})$	629856
18	$\mathcal{O}(2; \{2^4, 3^3, 18^2\})$	5038848
18	$\mathcal{O}(2; \{3^6, 18^2\})$	40310784
18	$\mathcal{O}(2; \{2^5, 3, 6, 18^2\})$	2519424
18	$\mathcal{O}(2; \{2, 3^4, 6, 18^2\})$	20155392
18	$\mathcal{O}(2; \{2^2, 3^2, 6^2, 18^2\})$	10077696
18	$\mathcal{O}(2; \{2^3, 6^3, 18^2\})$	5038848
18	$\mathcal{O}(2; \{3, 6^4, 18^2\})$	20155392
18	$\mathcal{O}(2; \{3^2, 9^3, 18^2\})$	340122240
18	$\mathcal{O}(2; \{2, 6, 9^3, 18^2\})$	170061120
18	$\mathcal{O}(2; \{2^3, 3, 9, 18^3\})$	34012224
18	$\mathcal{O}(2; \{3^2, 6, 9, 18^3\})$	136048896
18	$\mathcal{O}(2; \{2, 6^2, 9, 18^3\})$	68024448
18	$\mathcal{O}(2; \{2, 3, 18^5\})$	170061120
18	$\mathcal{O}(1; \{2^6, 3^2, 9^4\})$	209952

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^2, 3^5, 9^4\})$	1679616
18	$\mathcal{O}(1; \{2^7, 6, 9^4\})$	104976
18	$\mathcal{O}(1; \{2^3, 3^3, 6, 9^4\})$	839808
18	$\mathcal{O}(1; \{2^4, 3, 6^2, 9^4\})$	419904
18	$\mathcal{O}(1; \{3^4, 6^2, 9^4\})$	3359232
18	$\mathcal{O}(1; \{2, 3^2, 6^3, 9^4\})$	1679616
18	$\mathcal{O}(1; \{2^2, 6^4, 9^4\})$	839808
18	$\mathcal{O}(1; \{2^2, 3, 9^7\})$	19840464
18	$\mathcal{O}(1; \{6^2, 9^7\})$	39680928
18	$\mathcal{O}(1; \{2^9, 3, 9^2, 18\})$	11664
18	$\mathcal{O}(1; \{2^5, 3^4, 9^2, 18\})$	93312
18	$\mathcal{O}(1; \{2, 3^7, 9^2, 18\})$	746496
18	$\mathcal{O}(1; \{2^6, 3^2, 6, 9^2, 18\})$	46656
18	$\mathcal{O}(1; \{2^2, 3^5, 6, 9^2, 18\})$	373248
18	$\mathcal{O}(1; \{2^7, 6^2, 9^2, 18\})$	23328
18	$\mathcal{O}(1; \{2^3, 3^3, 6^2, 9^2, 18\})$	186624
18	$\mathcal{O}(1; \{2^4, 3, 6^3, 9^2, 18\})$	93312
18	$\mathcal{O}(1; \{3^4, 6^3, 9^2, 18\})$	746496
18	$\mathcal{O}(1; \{2, 3^2, 6^4, 9^2, 18\})$	373248
18	$\mathcal{O}(1; \{2^2, 6^5, 9^2, 18\})$	186624
18	$\mathcal{O}(1; \{2^5, 9^5, 18\})$	1732104
18	$\mathcal{O}(1; \{2, 3^3, 9^5, 18\})$	13856832
18	$\mathcal{O}(1; \{2^2, 3, 6, 9^5, 18\})$	6928416
18	$\mathcal{O}(1; \{6^3, 9^5, 18\})$	13856832
18	$\mathcal{O}(1; \{2^{12}, 18^2\})$	1944
18	$\mathcal{O}(1; \{2^8, 3^3, 18^2\})$	15552
18	$\mathcal{O}(1; \{2^4, 3^6, 18^2\})$	124416
18	$\mathcal{O}(1; \{3^9, 18^2\})$	995328
18	$\mathcal{O}(1; \{2^9, 3, 6, 18^2\})$	7776
18	$\mathcal{O}(1; \{2^5, 3^4, 6, 18^2\})$	62208
18	$\mathcal{O}(1; \{2, 3^7, 6, 18^2\})$	497664
18	$\mathcal{O}(1; \{2^6, 3^2, 6^2, 18^2\})$	31104
18	$\mathcal{O}(1; \{2^2, 3^5, 6^2, 18^2\})$	248832
18	$\mathcal{O}(1; \{2^7, 6^3, 18^2\})$	15552
18	$\mathcal{O}(1; \{2^3, 3^3, 6^3, 18^2\})$	124416
18	$\mathcal{O}(1; \{2^4, 3, 6^4, 18^2\})$	62208
18	$\mathcal{O}(1; \{3^4, 6^4, 18^2\})$	497664
18	$\mathcal{O}(1; \{2, 3^2, 6^5, 18^2\})$	248832
18	$\mathcal{O}(1; \{2^2, 6^6, 18^2\})$	124416
18	$\mathcal{O}(1; \{2^4, 3^2, 9^3, 18^2\})$	1049760
18	$\mathcal{O}(1; \{3^5, 9^3, 18^2\})$	8398080
18	$\mathcal{O}(1; \{2^5, 6, 9^3, 18^2\})$	524880
18	$\mathcal{O}(1; \{2, 3^3, 6, 9^3, 18^2\})$	4199040

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^2, 3, 6^2, 9^3, 18^2\})$	2099520
18	$\mathcal{O}(1; \{6^4, 9^3, 18^2\})$	4199040
18	$\mathcal{O}(1; \{3, 9^6, 18^2\})$	121877136
18	$\mathcal{O}(1; \{2^7, 3, 9, 18^3\})$	104976
18	$\mathcal{O}(1; \{2^3, 3^4, 9, 18^3\})$	839808
18	$\mathcal{O}(1; \{2^4, 3^2, 6, 9, 18^3\})$	419904
18	$\mathcal{O}(1; \{3^5, 6, 9, 18^3\})$	3359232
18	$\mathcal{O}(1; \{2^5, 6^2, 9, 18^3\})$	209952
18	$\mathcal{O}(1; \{2, 3^3, 6^2, 9, 18^3\})$	1679616
18	$\mathcal{O}(1; \{2^2, 3, 6^3, 9, 18^3\})$	839808
18	$\mathcal{O}(1; \{6^5, 9, 18^3\})$	1679616
18	$\mathcal{O}(1; \{2^3, 9^4, 18^3\})$	9920232
18	$\mathcal{O}(1; \{3, 6, 9^4, 18^3\})$	39680928
18	$\mathcal{O}(1; \{2^2, 3^2, 9^2, 18^4\})$	6928416
18	$\mathcal{O}(1; \{2^3, 6, 9^2, 18^4\})$	3464208
18	$\mathcal{O}(1; \{3, 6^2, 9^2, 18^4\})$	13856832
18	$\mathcal{O}(1; \{2^5, 3, 18^5\})$	524880
18	$\mathcal{O}(1; \{2, 3^4, 18^5\})$	4199040
18	$\mathcal{O}(1; \{2^2, 3^2, 6, 18^5\})$	2099520
18	$\mathcal{O}(1; \{2^3, 6^2, 18^5\})$	1049760
18	$\mathcal{O}(1; \{3, 6^3, 18^5\})$	4199040
18	$\mathcal{O}(1; \{2, 9^3, 18^5\})$	60938568
18	$\mathcal{O}(1; \{3^2, 9, 18^6\})$	39680928
18	$\mathcal{O}(1; \{2, 6, 9, 18^6\})$	19840464
18	$\mathcal{O}(0; \{2^{10}, 3^2, 9^4\})$	648
18	$\mathcal{O}(0; \{2^6, 3^5, 9^4\})$	5184
18	$\mathcal{O}(0; \{2^2, 3^8, 9^4\})$	41472
18	$\mathcal{O}(0; \{2^{11}, 6, 9^4\})$	324
18	$\mathcal{O}(0; \{2^7, 3^3, 6, 9^4\})$	2592
18	$\mathcal{O}(0; \{2^3, 3^6, 6, 9^4\})$	20736
18	$\mathcal{O}(0; \{2^8, 3, 6^2, 9^4\})$	1296
18	$\mathcal{O}(0; \{2^4, 3^4, 6^2, 9^4\})$	10368
18	$\mathcal{O}(0; \{3^7, 6^2, 9^4\})$	82944
18	$\mathcal{O}(0; \{2^5, 3^2, 6^3, 9^4\})$	5184
18	$\mathcal{O}(0; \{2, 3^5, 6^3, 9^4\})$	41472
18	$\mathcal{O}(0; \{2^6, 6^4, 9^4\})$	2592
18	$\mathcal{O}(0; \{2^2, 3^3, 6^4, 9^4\})$	20736
18	$\mathcal{O}(0; \{2^3, 3, 6^5, 9^4\})$	10368
18	$\mathcal{O}(0; \{3^2, 6^6, 9^4\})$	41472
18	$\mathcal{O}(0; \{2, 6^7, 9^4\})$	20736
18	$\mathcal{O}(0; \{2^6, 3, 9^7\})$	61236
18	$\mathcal{O}(0; \{2^2, 3^4, 9^7\})$	489888
18	$\mathcal{O}(0; \{2^3, 3^2, 6, 9^7\})$	244944

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^4, 6^2, 9^7\})$	122472
18	$\mathcal{O}(0; \{3^3, 6^2, 9^7\})$	979776
18	$\mathcal{O}(0; \{2, 3, 6^3, 9^7\})$	489888
18	$\mathcal{O}(0; \{2^2, 9^{10}\})$	6731586
18	$\mathcal{O}(0; \{2^{13}, 3, 9^2, 18\})$	36
18	$\mathcal{O}(0; \{2^9, 3^4, 9^2, 18\})$	288
18	$\mathcal{O}(0; \{2^5, 3^7, 9^2, 18\})$	2304
18	$\mathcal{O}(0; \{2, 3^{10}, 9^2, 18\})$	18432
18	$\mathcal{O}(0; \{2^{10}, 3^2, 6, 9^2, 18\})$	144
18	$\mathcal{O}(0; \{2^6, 3^5, 6, 9^2, 18\})$	1152
18	$\mathcal{O}(0; \{2^2, 3^8, 6, 9^2, 18\})$	9216
18	$\mathcal{O}(0; \{2^{11}, 6^2, 9^2, 18\})$	72
18	$\mathcal{O}(0; \{2^7, 3^3, 6^2, 9^2, 18\})$	576
18	$\mathcal{O}(0; \{2^3, 3^6, 6^2, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{2^8, 3, 6^3, 9^2, 18\})$	288
18	$\mathcal{O}(0; \{2^4, 3^4, 6^3, 9^2, 18\})$	2304
18	$\mathcal{O}(0; \{3^7, 6^3, 9^2, 18\})$	18432
18	$\mathcal{O}(0; \{2^5, 3^2, 6^4, 9^2, 18\})$	1152
18	$\mathcal{O}(0; \{2, 3^5, 6^4, 9^2, 18\})$	9216
18	$\mathcal{O}(0; \{2^6, 6^5, 9^2, 18\})$	576
18	$\mathcal{O}(0; \{2^2, 3^3, 6^5, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{2^3, 3, 6^6, 9^2, 18\})$	2304
18	$\mathcal{O}(0; \{3^2, 6^7, 9^2, 18\})$	9216
18	$\mathcal{O}(0; \{2, 6^8, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{2^9, 9^5, 18\})$	5346
18	$\mathcal{O}(0; \{2^5, 3^3, 9^5, 18\})$	42768
18	$\mathcal{O}(0; \{2, 3^6, 9^5, 18\})$	342144
18	$\mathcal{O}(0; \{2^6, 3, 6, 9^5, 18\})$	21384
18	$\mathcal{O}(0; \{2^2, 3^4, 6, 9^5, 18\})$	171072
18	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 9^5, 18\})$	85536
18	$\mathcal{O}(0; \{2^4, 6^3, 9^5, 18\})$	42768
18	$\mathcal{O}(0; \{3^3, 6^3, 9^5, 18\})$	342144
18	$\mathcal{O}(0; \{2, 3, 6^4, 9^5, 18\})$	171072
18	$\mathcal{O}(0; \{2, 3^2, 9^8, 18\})$	4461480
18	$\mathcal{O}(0; \{2^2, 6, 9^8, 18\})$	2230740
18	$\mathcal{O}(0; \{2^{16}, 18^2\})$	6
18	$\mathcal{O}(0; \{2^{12}, 3^3, 18^2\})$	48
18	$\mathcal{O}(0; \{2^8, 3^6, 18^2\})$	384
18	$\mathcal{O}(0; \{2^4, 3^9, 18^2\})$	3072
18	$\mathcal{O}(0; \{3^{12}, 18^2\})$	24576
18	$\mathcal{O}(0; \{2^{13}, 3, 6, 18^2\})$	24
18	$\mathcal{O}(0; \{2^9, 3^4, 6, 18^2\})$	192
18	$\mathcal{O}(0; \{2^5, 3^7, 6, 18^2\})$	1536

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2, 3^{10}, 6, 18^2\})$	12288
18	$\mathcal{O}(0; \{2^{10}, 3^2, 6^2, 18^2\})$	96
18	$\mathcal{O}(0; \{2^6, 3^5, 6^2, 18^2\})$	768
18	$\mathcal{O}(0; \{2^2, 3^8, 6^2, 18^2\})$	6144
18	$\mathcal{O}(0; \{2^{11}, 6^3, 18^2\})$	48
18	$\mathcal{O}(0; \{2^7, 3^3, 6^3, 18^2\})$	384
18	$\mathcal{O}(0; \{2^3, 3^6, 6^3, 18^2\})$	3072
18	$\mathcal{O}(0; \{2^8, 3, 6^4, 18^2\})$	192
18	$\mathcal{O}(0; \{2^4, 3^4, 6^4, 18^2\})$	1536
18	$\mathcal{O}(0; \{3^7, 6^4, 18^2\})$	12288
18	$\mathcal{O}(0; \{2^5, 3^2, 6^5, 18^2\})$	768
18	$\mathcal{O}(0; \{2, 3^5, 6^5, 18^2\})$	6144
18	$\mathcal{O}(0; \{2^6, 6^6, 18^2\})$	384
18	$\mathcal{O}(0; \{2^2, 3^3, 6^6, 18^2\})$	3072
18	$\mathcal{O}(0; \{2^3, 3, 6^7, 18^2\})$	1536
18	$\mathcal{O}(0; \{3^2, 6^8, 18^2\})$	6144
18	$\mathcal{O}(0; \{2, 6^9, 18^2\})$	3072
18	$\mathcal{O}(0; \{2^8, 3^2, 9^3, 18^2\})$	3240
18	$\mathcal{O}(0; \{2^4, 3^5, 9^3, 18^2\})$	25920
18	$\mathcal{O}(0; \{3^8, 9^3, 18^2\})$	207360
18	$\mathcal{O}(0; \{2^9, 6, 9^3, 18^2\})$	1620
18	$\mathcal{O}(0; \{2^5, 3^3, 6, 9^3, 18^2\})$	12960
18	$\mathcal{O}(0; \{2, 3^6, 6, 9^3, 18^2\})$	103680
18	$\mathcal{O}(0; \{2^6, 3, 6^2, 9^3, 18^2\})$	6480
18	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 9^3, 18^2\})$	51840
18	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 9^3, 18^2\})$	25920
18	$\mathcal{O}(0; \{2^4, 6^4, 9^3, 18^2\})$	12960
18	$\mathcal{O}(0; \{3^3, 6^4, 9^3, 18^2\})$	103680
18	$\mathcal{O}(0; \{2, 3, 6^5, 9^3, 18^2\})$	51840
18	$\mathcal{O}(0; \{2^4, 3, 9^6, 18^2\})$	376164
18	$\mathcal{O}(0; \{3^4, 9^6, 18^2\})$	3009312
18	$\mathcal{O}(0; \{2, 3^2, 6, 9^6, 18^2\})$	1504656
18	$\mathcal{O}(0; \{2^2, 6^2, 9^6, 18^2\})$	752328
18	$\mathcal{O}(0; \{9^9, 18^2\})$	40271418
18	$\mathcal{O}(0; \{2^{11}, 3, 9, 18^3\})$	324
18	$\mathcal{O}(0; \{2^7, 3^4, 9, 18^3\})$	2592
18	$\mathcal{O}(0; \{2^3, 3^7, 9, 18^3\})$	20736
18	$\mathcal{O}(0; \{2^8, 3^2, 6, 9, 18^3\})$	1296
18	$\mathcal{O}(0; \{2^4, 3^5, 6, 9, 18^3\})$	10368
18	$\mathcal{O}(0; \{3^8, 6, 9, 18^3\})$	82944
18	$\mathcal{O}(0; \{2^9, 6^2, 9, 18^3\})$	648
18	$\mathcal{O}(0; \{2^5, 3^3, 6^2, 9, 18^3\})$	5184
18	$\mathcal{O}(0; \{2, 3^6, 6^2, 9, 18^3\})$	41472

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^6, 3, 6^3, 9, 18^3\})$	2592
18	$\mathcal{O}(0; \{2^2, 3^4, 6^3, 9, 18^3\})$	20736
18	$\mathcal{O}(0; \{2^3, 3^2, 6^4, 9, 18^3\})$	10368
18	$\mathcal{O}(0; \{2^4, 6^5, 9, 18^3\})$	5184
18	$\mathcal{O}(0; \{3^3, 6^5, 9, 18^3\})$	41472
18	$\mathcal{O}(0; \{2, 3, 6^6, 9, 18^3\})$	20736
18	$\mathcal{O}(0; \{2^7, 9^4, 18^3\})$	30618
18	$\mathcal{O}(0; \{2^3, 3^3, 9^4, 18^3\})$	244944
18	$\mathcal{O}(0; \{2^4, 3, 6, 9^4, 18^3\})$	122472
18	$\mathcal{O}(0; \{3^4, 6, 9^4, 18^3\})$	979776
18	$\mathcal{O}(0; \{2, 3^2, 6^2, 9^4, 18^3\})$	489888
18	$\mathcal{O}(0; \{2^2, 6^3, 9^4, 18^3\})$	244944
18	$\mathcal{O}(0; \{6, 9^7, 18^3\})$	13463172
18	$\mathcal{O}(0; \{2^6, 3^2, 9^2, 18^4\})$	21384
18	$\mathcal{O}(0; \{2^2, 3^5, 9^2, 18^4\})$	171072
18	$\mathcal{O}(0; \{2^7, 6, 9^2, 18^4\})$	10692
18	$\mathcal{O}(0; \{2^3, 3^3, 6, 9^2, 18^4\})$	85536
18	$\mathcal{O}(0; \{2^4, 3, 6^2, 9^2, 18^4\})$	42768
18	$\mathcal{O}(0; \{3^4, 6^2, 9^2, 18^4\})$	342144
18	$\mathcal{O}(0; \{2, 3^2, 6^3, 9^2, 18^4\})$	171072
18	$\mathcal{O}(0; \{2^2, 6^4, 9^2, 18^4\})$	85536
18	$\mathcal{O}(0; \{2^2, 3, 9^5, 18^4\})$	2230740
18	$\mathcal{O}(0; \{6^2, 9^5, 18^4\})$	4461480
18	$\mathcal{O}(0; \{2^9, 3, 18^5\})$	1620
18	$\mathcal{O}(0; \{2^5, 3^4, 18^5\})$	12960
18	$\mathcal{O}(0; \{2, 3^7, 18^5\})$	103680
18	$\mathcal{O}(0; \{2^6, 3^2, 6, 18^5\})$	6480
18	$\mathcal{O}(0; \{2^2, 3^5, 6, 18^5\})$	51840
18	$\mathcal{O}(0; \{2^7, 6^2, 18^5\})$	3240
18	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 18^5\})$	25920
18	$\mathcal{O}(0; \{2^4, 3, 6^3, 18^5\})$	12960
18	$\mathcal{O}(0; \{3^4, 6^3, 18^5\})$	103680
18	$\mathcal{O}(0; \{2, 3^2, 6^4, 18^5\})$	51840
18	$\mathcal{O}(0; \{2^2, 6^5, 18^5\})$	25920
18	$\mathcal{O}(0; \{2^5, 9^3, 18^5\})$	188082
18	$\mathcal{O}(0; \{2, 3^3, 9^3, 18^5\})$	1504656
18	$\mathcal{O}(0; \{2^2, 3, 6, 9^3, 18^5\})$	752328
18	$\mathcal{O}(0; \{6^3, 9^3, 18^5\})$	1504656
18	$\mathcal{O}(0; \{2^4, 3^2, 9, 18^6\})$	122472
18	$\mathcal{O}(0; \{3^5, 9, 18^6\})$	979776
18	$\mathcal{O}(0; \{2^5, 6, 9, 18^6\})$	61236
18	$\mathcal{O}(0; \{2, 3^3, 6, 9, 18^6\})$	489888
18	$\mathcal{O}(0; \{2^2, 3, 6^2, 9, 18^6\})$	244944

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{6^4, 9, 18^6\})$	489888
18	$\mathcal{O}(0; \{3, 9^4, 18^6\})$	13463172
18	$\mathcal{O}(0; \{2^3, 9^2, 18^7\})$	1115370
18	$\mathcal{O}(0; \{3, 6, 9^2, 18^7\})$	4461480
18	$\mathcal{O}(0; \{2^2, 3^2, 18^8\})$	752328
18	$\mathcal{O}(0; \{2^3, 6, 18^8\})$	376164
18	$\mathcal{O}(0; \{3, 6^2, 18^8\})$	1504656
18	$\mathcal{O}(0; \{2, 9, 18^9\})$	6731586
19	$\mathcal{O}(0; \{19^{10}\})$	187919327718
20	$\mathcal{O}(3; \{4^2, 5^2\})$	51200000
20	$\mathcal{O}(3; \{2, 4, 10, 20\})$	51200000
20	$\mathcal{O}(2; \{2^4, 4^2, 5^2\})$	1280000
20	$\mathcal{O}(2; \{2, 4^4, 5^2\})$	5120000
20	$\mathcal{O}(2; \{2^2, 4^2, 5, 10^2\})$	3840000
20	$\mathcal{O}(2; \{4^2, 10^4\})$	16640000
20	$\mathcal{O}(2; \{2^2, 4, 5^3, 20\})$	16640000
20	$\mathcal{O}(2; \{2^5, 4, 10, 20\})$	1280000
20	$\mathcal{O}(2; \{2^2, 4^3, 10, 20\})$	5120000
20	$\mathcal{O}(2; \{4, 5^2, 10^2, 20\})$	65280000
20	$\mathcal{O}(2; \{5^4, 20^2\})$	262400000
20	$\mathcal{O}(2; \{2^3, 5, 10, 20^2\})$	16640000
20	$\mathcal{O}(2; \{4^2, 5, 10, 20^2\})$	66560000
20	$\mathcal{O}(2; \{2, 10^3, 20^2\})$	65280000
20	$\mathcal{O}(2; \{2^3, 4, 20^3\})$	15360000
20	$\mathcal{O}(2; \{4^3, 20^3\})$	61440000
20	$\mathcal{O}(2; \{2, 5, 20^4\})$	261120000
20	$\mathcal{O}(1; \{2^8, 4^2, 5^2\})$	3200
20	$\mathcal{O}(1; \{2^5, 4^4, 5^2\})$	12800
20	$\mathcal{O}(1; \{2^2, 4^6, 5^2\})$	51200
20	$\mathcal{O}(1; \{4^2, 5^7\})$	2620800
20	$\mathcal{O}(1; \{2^3, 4^2, 5^4, 10\})$	163200
20	$\mathcal{O}(1; \{4^4, 5^4, 10\})$	652800
20	$\mathcal{O}(1; \{2^6, 4^2, 5, 10^2\})$	9600
20	$\mathcal{O}(1; \{2^3, 4^4, 5, 10^2\})$	38400
20	$\mathcal{O}(1; \{4^6, 5, 10^2\})$	153600
20	$\mathcal{O}(1; \{2, 4^2, 5^3, 10^3\})$	656000
20	$\mathcal{O}(1; \{2^4, 4^2, 10^4\})$	41600
20	$\mathcal{O}(1; \{2, 4^4, 10^4\})$	166400
20	$\mathcal{O}(1; \{2^6, 4, 5^3, 20\})$	41600
20	$\mathcal{O}(1; \{2^3, 4^3, 5^3, 20\})$	166400
20	$\mathcal{O}(1; \{4^5, 5^3, 20\})$	665600
20	$\mathcal{O}(1; \{2^9, 4, 10, 20\})$	3200
20	$\mathcal{O}(1; \{2^6, 4^3, 10, 20\})$	12800

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{2^3, 4^5, 10, 20\})$	51200
20	$\mathcal{O}(1; \{4^7, 10, 20\})$	204800
20	$\mathcal{O}(1; \{2, 4, 5^5, 10, 20\})$	2620800
20	$\mathcal{O}(1; \{2^4, 4, 5^2, 10^2, 20\})$	163200
20	$\mathcal{O}(1; \{2, 4^3, 5^2, 10^2, 20\})$	652800
20	$\mathcal{O}(1; \{2^2, 4, 5, 10^4, 20\})$	656000
20	$\mathcal{O}(1; \{4, 10^6, 20\})$	2620800
20	$\mathcal{O}(1; \{2^4, 5^4, 20^2\})$	656000
20	$\mathcal{O}(1; \{2, 4^2, 5^4, 20^2\})$	2624000
20	$\mathcal{O}(1; \{2^7, 5, 10, 20^2\})$	41600
20	$\mathcal{O}(1; \{2^4, 4^2, 5, 10, 20^2\})$	166400
20	$\mathcal{O}(1; \{2, 4^4, 5, 10, 20^2\})$	665600
20	$\mathcal{O}(1; \{2^2, 5^3, 10^2, 20^2\})$	2620800
20	$\mathcal{O}(1; \{2^5, 10^3, 20^2\})$	163200
20	$\mathcal{O}(1; \{2^2, 4^2, 10^3, 20^2\})$	652800
20	$\mathcal{O}(1; \{5^2, 10^4, 20^2\})$	10486400
20	$\mathcal{O}(1; \{2^7, 4, 20^3\})$	38400
20	$\mathcal{O}(1; \{2^4, 4^3, 20^3\})$	153600
20	$\mathcal{O}(1; \{2, 4^5, 20^3\})$	614400
20	$\mathcal{O}(1; \{2^2, 4, 5^2, 10, 20^3\})$	2624000
20	$\mathcal{O}(1; \{4, 5, 10^3, 20^3\})$	10483200
20	$\mathcal{O}(1; \{2^5, 5, 20^4\})$	652800
20	$\mathcal{O}(1; \{2^2, 4^2, 5, 20^4\})$	2611200
20	$\mathcal{O}(1; \{5^3, 10, 20^4\})$	41945600
20	$\mathcal{O}(1; \{2^3, 10^2, 20^4\})$	2624000
20	$\mathcal{O}(1; \{4^2, 10^2, 20^4\})$	10496000
20	$\mathcal{O}(1; \{4, 5^2, 20^5\})$	41932800
20	$\mathcal{O}(1; \{2, 10, 20^6\})$	41932800
20	$\mathcal{O}(0; \{2^{12}, 4^2, 5^2\})$	8
20	$\mathcal{O}(0; \{2^9, 4^4, 5^2\})$	32
20	$\mathcal{O}(0; \{2^6, 4^6, 5^2\})$	128
20	$\mathcal{O}(0; \{2^3, 4^8, 5^2\})$	512
20	$\mathcal{O}(0; \{4^{10}, 5^2\})$	2048
20	$\mathcal{O}(0; \{2^4, 4^2, 5^7\})$	6552
20	$\mathcal{O}(0; \{2, 4^4, 5^7\})$	26208
20	$\mathcal{O}(0; \{2^7, 4^2, 5^4, 10\})$	408
20	$\mathcal{O}(0; \{2^4, 4^4, 5^4, 10\})$	1632
20	$\mathcal{O}(0; \{2, 4^6, 5^4, 10\})$	6528
20	$\mathcal{O}(0; \{2^{10}, 4^2, 5, 10^2\})$	24
20	$\mathcal{O}(0; \{2^7, 4^4, 5, 10^2\})$	96
20	$\mathcal{O}(0; \{2^4, 4^6, 5, 10^2\})$	384
20	$\mathcal{O}(0; \{2, 4^8, 5, 10^2\})$	1536
20	$\mathcal{O}(0; \{2^2, 4^2, 5^6, 10^2\})$	26216

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^5, 4^2, 5^3, 10^3\})$	1640
20	$\mathcal{O}(0; \{2^2, 4^4, 5^3, 10^3\})$	6560
20	$\mathcal{O}(0; \{2^8, 4^2, 10^4\})$	104
20	$\mathcal{O}(0; \{2^5, 4^4, 10^4\})$	416
20	$\mathcal{O}(0; \{2^2, 4^6, 10^4\})$	1664
20	$\mathcal{O}(0; \{4^2, 5^5, 10^4\})$	104856
20	$\mathcal{O}(0; \{2^3, 4^2, 5^2, 10^5\})$	6552
20	$\mathcal{O}(0; \{4^4, 5^2, 10^5\})$	26208
20	$\mathcal{O}(0; \{2, 4^2, 5, 10^7\})$	26216
20	$\mathcal{O}(0; \{2^{10}, 4, 5^3, 20\})$	104
20	$\mathcal{O}(0; \{2^7, 4^3, 5^3, 20\})$	416
20	$\mathcal{O}(0; \{2^4, 4^5, 5^3, 20\})$	1664
20	$\mathcal{O}(0; \{2, 4^7, 5^3, 20\})$	6656
20	$\mathcal{O}(0; \{2^2, 4, 5^8, 20\})$	104856
20	$\mathcal{O}(0; \{2^{13}, 4, 10, 20\})$	8
20	$\mathcal{O}(0; \{2^{10}, 4^3, 10, 20\})$	32
20	$\mathcal{O}(0; \{2^7, 4^5, 10, 20\})$	128
20	$\mathcal{O}(0; \{2^4, 4^7, 10, 20\})$	512
20	$\mathcal{O}(0; \{2, 4^9, 10, 20\})$	2048
20	$\mathcal{O}(0; \{2^5, 4, 5^5, 10, 20\})$	6552
20	$\mathcal{O}(0; \{2^2, 4^3, 5^5, 10, 20\})$	26208
20	$\mathcal{O}(0; \{2^8, 4, 5^2, 10^2, 20\})$	408
20	$\mathcal{O}(0; \{2^5, 4^3, 5^2, 10^2, 20\})$	1632
20	$\mathcal{O}(0; \{2^2, 4^5, 5^2, 10^2, 20\})$	6528
20	$\mathcal{O}(0; \{4, 5^7, 10^2, 20\})$	419432
20	$\mathcal{O}(0; \{2^3, 4, 5^4, 10^3, 20\})$	26216
20	$\mathcal{O}(0; \{4^3, 5^4, 10^3, 20\})$	104864
20	$\mathcal{O}(0; \{2^6, 4, 5, 10^4, 20\})$	1640
20	$\mathcal{O}(0; \{2^3, 4^3, 5, 10^4, 20\})$	6560
20	$\mathcal{O}(0; \{4^5, 5, 10^4, 20\})$	26240
20	$\mathcal{O}(0; \{2, 4, 5^3, 10^5, 20\})$	104856
20	$\mathcal{O}(0; \{2^4, 4, 10^6, 20\})$	6552
20	$\mathcal{O}(0; \{2, 4^3, 10^6, 20\})$	26208
20	$\mathcal{O}(0; \{2^8, 5^4, 20^2\})$	1640
20	$\mathcal{O}(0; \{2^5, 4^2, 5^4, 20^2\})$	6560
20	$\mathcal{O}(0; \{2^2, 4^4, 5^4, 20^2\})$	26240
20	$\mathcal{O}(0; \{5^9, 20^2\})$	1677720
20	$\mathcal{O}(0; \{2^{11}, 5, 10, 20^2\})$	104
20	$\mathcal{O}(0; \{2^8, 4^2, 5, 10, 20^2\})$	416
20	$\mathcal{O}(0; \{2^5, 4^4, 5, 10, 20^2\})$	1664
20	$\mathcal{O}(0; \{2^2, 4^6, 5, 10, 20^2\})$	6656
20	$\mathcal{O}(0; \{2^3, 5^6, 10, 20^2\})$	104856
20	$\mathcal{O}(0; \{4^2, 5^6, 10, 20^2\})$	419424

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^6, 5^3, 10^2, 20^2\})$	6552
20	$\mathcal{O}(0; \{2^3, 4^2, 5^3, 10^2, 20^2\})$	26208
20	$\mathcal{O}(0; \{4^4, 5^3, 10^2, 20^2\})$	104832
20	$\mathcal{O}(0; \{2^9, 10^3, 20^2\})$	408
20	$\mathcal{O}(0; \{2^6, 4^2, 10^3, 20^2\})$	1632
20	$\mathcal{O}(0; \{2^3, 4^4, 10^3, 20^2\})$	6528
20	$\mathcal{O}(0; \{4^6, 10^3, 20^2\})$	26112
20	$\mathcal{O}(0; \{2, 5^5, 10^3, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^4, 5^2, 10^4, 20^2\})$	26216
20	$\mathcal{O}(0; \{2, 4^2, 5^2, 10^4, 20^2\})$	104864
20	$\mathcal{O}(0; \{2^2, 5, 10^6, 20^2\})$	104856
20	$\mathcal{O}(0; \{10^8, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^{11}, 4, 20^3\})$	96
20	$\mathcal{O}(0; \{2^8, 4^3, 20^3\})$	384
20	$\mathcal{O}(0; \{2^5, 4^5, 20^3\})$	1536
20	$\mathcal{O}(0; \{2^2, 4^7, 20^3\})$	6144
20	$\mathcal{O}(0; \{2^3, 4, 5^5, 20^3\})$	104864
20	$\mathcal{O}(0; \{4^3, 5^5, 20^3\})$	419456
20	$\mathcal{O}(0; \{2^6, 4, 5^2, 10, 20^3\})$	6560
20	$\mathcal{O}(0; \{2^3, 4^3, 5^2, 10, 20^3\})$	26240
20	$\mathcal{O}(0; \{4^5, 5^2, 10, 20^3\})$	104960
20	$\mathcal{O}(0; \{2, 4, 5^4, 10^2, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^4, 4, 5, 10^3, 20^3\})$	26208
20	$\mathcal{O}(0; \{2, 4^3, 5, 10^3, 20^3\})$	104832
20	$\mathcal{O}(0; \{2^2, 4, 10^5, 20^3\})$	104864
20	$\mathcal{O}(0; \{2^9, 5, 20^4\})$	1632
20	$\mathcal{O}(0; \{2^6, 4^2, 5, 20^4\})$	6528
20	$\mathcal{O}(0; \{2^3, 4^4, 5, 20^4\})$	26112
20	$\mathcal{O}(0; \{4^6, 5, 20^4\})$	104448
20	$\mathcal{O}(0; \{2, 5^6, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^4, 5^3, 10, 20^4\})$	104864
20	$\mathcal{O}(0; \{2, 4^2, 5^3, 10, 20^4\})$	419456
20	$\mathcal{O}(0; \{2^7, 10^2, 20^4\})$	6560
20	$\mathcal{O}(0; \{2^4, 4^2, 10^2, 20^4\})$	26240
20	$\mathcal{O}(0; \{2, 4^4, 10^2, 20^4\})$	104960
20	$\mathcal{O}(0; \{2^2, 5^2, 10^3, 20^4\})$	419424
20	$\mathcal{O}(0; \{5, 10^5, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^4, 4, 5^2, 20^5\})$	104832
20	$\mathcal{O}(0; \{2, 4^3, 5^2, 20^5\})$	419328
20	$\mathcal{O}(0; \{2^2, 4, 5, 10^2, 20^5\})$	419456
20	$\mathcal{O}(0; \{4, 10^4, 20^5\})$	1677696
20	$\mathcal{O}(0; \{2^2, 5^3, 20^6\})$	1677696
20	$\mathcal{O}(0; \{2^5, 10, 20^6\})$	104832

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^2, 4^2, 10, 20^6\})$	419328
20	$\mathcal{O}(0; \{5^2, 10^2, 20^6\})$	6710912
20	$\mathcal{O}(0; \{4, 5, 10, 20^7\})$	6710784
20	$\mathcal{O}(0; \{2^3, 20^8\})$	1677824
20	$\mathcal{O}(0; \{4^2, 20^8\})$	6711296
21	$\mathcal{O}(3; \{7, 21^2\})$	5145967260
21	$\mathcal{O}(2; \{3^2, 7^4\})$	72346932
21	$\mathcal{O}(2; \{3^3, 7, 21^2\})$	58344300
21	$\mathcal{O}(2; \{21^5\})$	2158739100
21	$\mathcal{O}(1; \{3^5, 7^4\})$	820260
21	$\mathcal{O}(1; \{3, 7^6, 21\})$	35271180
21	$\mathcal{O}(1; \{3^6, 7, 21^2\})$	1137780
21	$\mathcal{O}(1; \{3^2, 7^3, 21^3\})$	29397060
21	$\mathcal{O}(1; \{3^3, 21^5\})$	42097860
21	$\mathcal{O}(0; \{3^8, 7^4\})$	15996
21	$\mathcal{O}(0; \{3^4, 7^6, 21\})$	399900
21	$\mathcal{O}(0; \{3^9, 7, 21^2\})$	20460
21	$\mathcal{O}(0; \{7^8, 21^2\})$	17276052
21	$\mathcal{O}(0; \{3^5, 7^3, 21^3\})$	573276
21	$\mathcal{O}(0; \{3, 7^5, 21^4\})$	14396700
21	$\mathcal{O}(0; \{3^6, 21^5\})$	757020
21	$\mathcal{O}(0; \{3^2, 7^2, 21^6\})$	20635356
22	$\mathcal{O}(1; \{2^2, 11^6\})$	44000440
22	$\mathcal{O}(1; \{11^5, 22^2\})$	439999560
22	$\mathcal{O}(0; \{2^6, 11^6\})$	90910
22	$\mathcal{O}(0; \{2^4, 11^5, 22^2\})$	909090
22	$\mathcal{O}(0; \{2^2, 11^4, 22^4\})$	9090910
22	$\mathcal{O}(0; \{11^3, 22^6\})$	90909090
24	$\mathcal{O}(3; \{24^2\})$	1528823808
24	$\mathcal{O}(2; \{3^2, 6, 8^2\})$	2654208
24	$\mathcal{O}(2; \{2, 6^2, 8^2\})$	2654208
24	$\mathcal{O}(2; \{3^2, 4, 8, 24\})$	5308416
24	$\mathcal{O}(2; \{2, 4, 6, 8, 24\})$	5308416
24	$\mathcal{O}(2; \{2, 3, 8, 12, 24\})$	5308416
24	$\mathcal{O}(2; \{2^4, 24^2\})$	2654208
24	$\mathcal{O}(2; \{3^3, 24^2\})$	13271040
24	$\mathcal{O}(2; \{2, 4^2, 24^2\})$	10616832
24	$\mathcal{O}(2; \{2, 3, 6, 24^2\})$	7962624
24	$\mathcal{O}(1; \{2^3, 3^4, 8^2\})$	13824
24	$\mathcal{O}(1; \{3^4, 4^2, 8^2\})$	55296
24	$\mathcal{O}(1; \{2^4, 3^2, 6, 8^2\})$	4608
24	$\mathcal{O}(1; \{3^5, 6, 8^2\})$	50688
24	$\mathcal{O}(1; \{2, 3^2, 4^2, 6, 8^2\})$	18432

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^5, 6^2, 8^2\})$	4608
24	$\mathcal{O}(1; \{2, 3^3, 6^2, 8^2\})$	23040
24	$\mathcal{O}(1; \{2^2, 4^2, 6^2, 8^2\})$	18432
24	$\mathcal{O}(1; \{2^2, 3, 6^3, 8^2\})$	13824
24	$\mathcal{O}(1; \{6^5, 8^2\})$	23040
24	$\mathcal{O}(1; \{4, 6^2, 8^4\})$	147456
24	$\mathcal{O}(1; \{2, 3^3, 4, 8^2, 12\})$	55296
24	$\mathcal{O}(1; \{2^2, 3, 4, 6, 8^2, 12\})$	18432
24	$\mathcal{O}(1; \{4, 6^3, 8^2, 12\})$	55296
24	$\mathcal{O}(1; \{3, 6, 8^4, 12\})$	147456
24	$\mathcal{O}(1; \{2^2, 3^2, 8^2, 12^2\})$	55296
24	$\mathcal{O}(1; \{2^3, 6, 8^2, 12^2\})$	18432
24	$\mathcal{O}(1; \{4^2, 6, 8^2, 12^2\})$	73728
24	$\mathcal{O}(1; \{3, 6^2, 8^2, 12^2\})$	92160
24	$\mathcal{O}(1; \{3, 4, 8^2, 12^3\})$	221184
24	$\mathcal{O}(1; \{2, 8^2, 12^4\})$	221184
24	$\mathcal{O}(1; \{2^4, 3^2, 4, 8, 24\})$	9216
24	$\mathcal{O}(1; \{3^5, 4, 8, 24\})$	101376
24	$\mathcal{O}(1; \{2, 3^2, 4^3, 8, 24\})$	36864
24	$\mathcal{O}(1; \{2^5, 4, 6, 8, 24\})$	9216
24	$\mathcal{O}(1; \{2, 3^3, 4, 6, 8, 24\})$	46080
24	$\mathcal{O}(1; \{2^2, 4^3, 6, 8, 24\})$	36864
24	$\mathcal{O}(1; \{2^2, 3, 4, 6^2, 8, 24\})$	27648
24	$\mathcal{O}(1; \{4, 6^4, 8, 24\})$	46080
24	$\mathcal{O}(1; \{2^2, 3^2, 8^3, 24\})$	73728
24	$\mathcal{O}(1; \{2^3, 6, 8^3, 24\})$	73728
24	$\mathcal{O}(1; \{4^2, 6, 8^3, 24\})$	294912
24	$\mathcal{O}(1; \{3, 6^2, 8^3, 24\})$	221184
24	$\mathcal{O}(1; \{2^5, 3, 8, 12, 24\})$	9216
24	$\mathcal{O}(1; \{2, 3^4, 8, 12, 24\})$	101376
24	$\mathcal{O}(1; \{2^2, 3, 4^2, 8, 12, 24\})$	36864
24	$\mathcal{O}(1; \{2^2, 3^2, 6, 8, 12, 24\})$	46080
24	$\mathcal{O}(1; \{2^3, 6^2, 8, 12, 24\})$	27648
24	$\mathcal{O}(1; \{4^2, 6^2, 8, 12, 24\})$	110592
24	$\mathcal{O}(1; \{3, 6^3, 8, 12, 24\})$	101376
24	$\mathcal{O}(1; \{3, 4, 8^3, 12, 24\})$	294912
24	$\mathcal{O}(1; \{2^3, 4, 8, 12^2, 24\})$	36864
24	$\mathcal{O}(1; \{4^3, 8, 12^2, 24\})$	147456
24	$\mathcal{O}(1; \{3, 4, 6, 8, 12^2, 24\})$	184320
24	$\mathcal{O}(1; \{2, 8^3, 12^2, 24\})$	294912
24	$\mathcal{O}(1; \{3^2, 8, 12^3, 24\})$	405504
24	$\mathcal{O}(1; \{2, 6, 8, 12^3, 24\})$	184320
24	$\mathcal{O}(1; \{2^8, 24^2\})$	4608

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^4, 3^3, 24^2\})$	23040
24	$\mathcal{O}(1; \{3^6, 24^2\})$	198144
24	$\mathcal{O}(1; \{2^5, 4^2, 24^2\})$	18432
24	$\mathcal{O}(1; \{2, 3^3, 4^2, 24^2\})$	92160
24	$\mathcal{O}(1; \{2^2, 4^4, 24^2\})$	73728
24	$\mathcal{O}(1; \{2^5, 3, 6, 24^2\})$	13824
24	$\mathcal{O}(1; \{2, 3^4, 6, 24^2\})$	96768
24	$\mathcal{O}(1; \{2^2, 3, 4^2, 6, 24^2\})$	55296
24	$\mathcal{O}(1; \{2^2, 3^2, 6^2, 24^2\})$	50688
24	$\mathcal{O}(1; \{2^3, 6^3, 24^2\})$	23040
24	$\mathcal{O}(1; \{4^2, 6^3, 24^2\})$	92160
24	$\mathcal{O}(1; \{3, 6^4, 24^2\})$	96768
24	$\mathcal{O}(1; \{2^3, 4, 8^2, 24^2\})$	147456
24	$\mathcal{O}(1; \{4^3, 8^2, 24^2\})$	589824
24	$\mathcal{O}(1; \{3, 4, 6, 8^2, 24^2\})$	442368
24	$\mathcal{O}(1; \{2, 8^4, 24^2\})$	1179648
24	$\mathcal{O}(1; \{2^2, 3^2, 4, 12, 24^2\})$	92160
24	$\mathcal{O}(1; \{2^3, 4, 6, 12, 24^2\})$	55296
24	$\mathcal{O}(1; \{4^3, 6, 12, 24^2\})$	221184
24	$\mathcal{O}(1; \{3, 4, 6^2, 12, 24^2\})$	202752
24	$\mathcal{O}(1; \{3^2, 8^2, 12, 24^2\})$	737280
24	$\mathcal{O}(1; \{2, 6, 8^2, 12, 24^2\})$	442368
24	$\mathcal{O}(1; \{2^3, 3, 12^2, 24^2\})$	92160
24	$\mathcal{O}(1; \{3, 4^2, 12^2, 24^2\})$	368640
24	$\mathcal{O}(1; \{3^2, 6, 12^2, 24^2\})$	387072
24	$\mathcal{O}(1; \{2, 6^2, 12^2, 24^2\})$	202752
24	$\mathcal{O}(1; \{2, 4, 12^3, 24^2\})$	368640
24	$\mathcal{O}(1; \{2^3, 3, 8, 24^3\})$	221184
24	$\mathcal{O}(1; \{3, 4^2, 8, 24^3\})$	884736
24	$\mathcal{O}(1; \{3^2, 6, 8, 24^3\})$	811008
24	$\mathcal{O}(1; \{2, 6^2, 8, 24^3\})$	368640
24	$\mathcal{O}(1; \{2, 4, 8, 12, 24^3\})$	884736
24	$\mathcal{O}(1; \{3^2, 4, 24^4\})$	1622016
24	$\mathcal{O}(1; \{2, 4, 6, 24^4\})$	737280
24	$\mathcal{O}(1; \{2, 3, 12, 24^4\})$	1622016
24	$\mathcal{O}(0; \{2^7, 3^4, 8^2\})$	24
24	$\mathcal{O}(0; \{2^3, 3^7, 8^2\})$	168
24	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 8^2\})$	96
24	$\mathcal{O}(0; \{3^7, 4^2, 8^2\})$	672
24	$\mathcal{O}(0; \{2, 3^4, 4^4, 8^2\})$	384
24	$\mathcal{O}(0; \{2^8, 3^2, 6, 8^2\})$	8
24	$\mathcal{O}(0; \{2^4, 3^5, 6, 8^2\})$	88
24	$\mathcal{O}(0; \{3^8, 6, 8^2\})$	680

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6, 8^2\})$	32
24	$\mathcal{O}(0; \{2, 3^5, 4^2, 6, 8^2\})$	352
24	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6, 8^2\})$	128
24	$\mathcal{O}(0; \{2^9, 6^2, 8^2\})$	8
24	$\mathcal{O}(0; \{2^5, 3^3, 6^2, 8^2\})$	40
24	$\mathcal{O}(0; \{2, 3^6, 6^2, 8^2\})$	344
24	$\mathcal{O}(0; \{2^6, 4^2, 6^2, 8^2\})$	32
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^2, 8^2\})$	160
24	$\mathcal{O}(0; \{2^3, 4^4, 6^2, 8^2\})$	128
24	$\mathcal{O}(0; \{4^6, 6^2, 8^2\})$	512
24	$\mathcal{O}(0; \{2^6, 3, 6^3, 8^2\})$	24
24	$\mathcal{O}(0; \{2^2, 3^4, 6^3, 8^2\})$	168
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^3, 8^2\})$	96
24	$\mathcal{O}(0; \{3, 4^4, 6^3, 8^2\})$	384
24	$\mathcal{O}(0; \{2^3, 3^2, 6^4, 8^2\})$	88
24	$\mathcal{O}(0; \{3^2, 4^2, 6^4, 8^2\})$	352
24	$\mathcal{O}(0; \{2^4, 6^5, 8^2\})$	40
24	$\mathcal{O}(0; \{3^3, 6^5, 8^2\})$	344
24	$\mathcal{O}(0; \{2, 4^2, 6^5, 8^2\})$	160
24	$\mathcal{O}(0; \{2, 3, 6^6, 8^2\})$	168
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 8^4\})$	768
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6, 8^4\})$	256
24	$\mathcal{O}(0; \{3^2, 4^3, 6, 8^4\})$	1024
24	$\mathcal{O}(0; \{2^4, 4, 6^2, 8^4\})$	256
24	$\mathcal{O}(0; \{3^3, 4, 6^2, 8^4\})$	1280
24	$\mathcal{O}(0; \{2, 4^3, 6^2, 8^4\})$	1024
24	$\mathcal{O}(0; \{2, 3, 4, 6^3, 8^4\})$	768
24	$\mathcal{O}(0; \{3^4, 8^6\})$	6144
24	$\mathcal{O}(0; \{2, 3^2, 6, 8^6\})$	2048
24	$\mathcal{O}(0; \{2^2, 6^2, 8^6\})$	2048
24	$\mathcal{O}(0; \{2^5, 3^3, 4, 8^2, 12\})$	96
24	$\mathcal{O}(0; \{2, 3^6, 4, 8^2, 12\})$	672
24	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 8^2, 12\})$	384
24	$\mathcal{O}(0; \{2^6, 3, 4, 6, 8^2, 12\})$	32
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 6, 8^2, 12\})$	352
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 6, 8^2, 12\})$	128
24	$\mathcal{O}(0; \{3, 4^5, 6, 8^2, 12\})$	512
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^2, 8^2, 12\})$	160
24	$\mathcal{O}(0; \{3^2, 4^3, 6^2, 8^2, 12\})$	640
24	$\mathcal{O}(0; \{2^4, 4, 6^3, 8^2, 12\})$	96
24	$\mathcal{O}(0; \{3^3, 4, 6^3, 8^2, 12\})$	672
24	$\mathcal{O}(0; \{2, 4^3, 6^3, 8^2, 12\})$	384
24	$\mathcal{O}(0; \{2, 3, 4, 6^4, 8^2, 12\})$	352

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^3, 3^3, 8^4, 12\})$	768
24	$\mathcal{O}(0; \{3^3, 4^2, 8^4, 12\})$	3072
24	$\mathcal{O}(0; \{2^4, 3, 6, 8^4, 12\})$	256
24	$\mathcal{O}(0; \{3^4, 6, 8^4, 12\})$	2816
24	$\mathcal{O}(0; \{2, 3, 4^2, 6, 8^4, 12\})$	1024
24	$\mathcal{O}(0; \{2, 3^2, 6^2, 8^4, 12\})$	1280
24	$\mathcal{O}(0; \{2^2, 6^3, 8^4, 12\})$	768
24	$\mathcal{O}(0; \{2^6, 3^2, 8^2, 12^2\})$	96
24	$\mathcal{O}(0; \{2^2, 3^5, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 8^2, 12^2\})$	384
24	$\mathcal{O}(0; \{3^2, 4^4, 8^2, 12^2\})$	1536
24	$\mathcal{O}(0; \{2^7, 6, 8^2, 12^2\})$	32
24	$\mathcal{O}(0; \{2^3, 3^3, 6, 8^2, 12^2\})$	352
24	$\mathcal{O}(0; \{2^4, 4^2, 6, 8^2, 12^2\})$	128
24	$\mathcal{O}(0; \{3^3, 4^2, 6, 8^2, 12^2\})$	1408
24	$\mathcal{O}(0; \{2, 4^4, 6, 8^2, 12^2\})$	512
24	$\mathcal{O}(0; \{2^4, 3, 6^2, 8^2, 12^2\})$	160
24	$\mathcal{O}(0; \{3^4, 6^2, 8^2, 12^2\})$	1376
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^2, 8^2, 12^2\})$	640
24	$\mathcal{O}(0; \{2, 3^2, 6^3, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2^2, 6^4, 8^2, 12^2\})$	352
24	$\mathcal{O}(0; \{2, 3^2, 4, 8^4, 12^2\})$	3072
24	$\mathcal{O}(0; \{2^2, 4, 6, 8^4, 12^2\})$	1024
24	$\mathcal{O}(0; \{6, 8^6, 12^2\})$	8192
24	$\mathcal{O}(0; \{2^4, 3, 4, 8^2, 12^3\})$	384
24	$\mathcal{O}(0; \{3^4, 4, 8^2, 12^3\})$	2688
24	$\mathcal{O}(0; \{2, 3, 4^3, 8^2, 12^3\})$	1536
24	$\mathcal{O}(0; \{2, 3^2, 4, 6, 8^2, 12^3\})$	1408
24	$\mathcal{O}(0; \{2^2, 4, 6^2, 8^2, 12^3\})$	640
24	$\mathcal{O}(0; \{2^2, 3, 8^4, 12^3\})$	3072
24	$\mathcal{O}(0; \{6^2, 8^4, 12^3\})$	5120
24	$\mathcal{O}(0; \{2^5, 8^2, 12^4\})$	384
24	$\mathcal{O}(0; \{2, 3^3, 8^2, 12^4\})$	2688
24	$\mathcal{O}(0; \{2^2, 4^2, 8^2, 12^4\})$	1536
24	$\mathcal{O}(0; \{2^2, 3, 6, 8^2, 12^4\})$	1408
24	$\mathcal{O}(0; \{6^3, 8^2, 12^4\})$	2688
24	$\mathcal{O}(0; \{4, 8^4, 12^4\})$	12288
24	$\mathcal{O}(0; \{4, 6, 8^2, 12^5\})$	5632
24	$\mathcal{O}(0; \{3, 8^2, 12^6\})$	10752
24	$\mathcal{O}(0; \{2^8, 3^2, 4, 8, 24\})$	16
24	$\mathcal{O}(0; \{2^4, 3^5, 4, 8, 24\})$	176
24	$\mathcal{O}(0; \{3^8, 4, 8, 24\})$	1360
24	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 8, 24\})$	64

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 3^5, 4^3, 8, 24\})$	704
24	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 8, 24\})$	256
24	$\mathcal{O}(0; \{2^9, 4, 6, 8, 24\})$	16
24	$\mathcal{O}(0; \{2^5, 3^3, 4, 6, 8, 24\})$	80
24	$\mathcal{O}(0; \{2, 3^6, 4, 6, 8, 24\})$	688
24	$\mathcal{O}(0; \{2^6, 4^3, 6, 8, 24\})$	64
24	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6, 8, 24\})$	320
24	$\mathcal{O}(0; \{2^3, 4^5, 6, 8, 24\})$	256
24	$\mathcal{O}(0; \{4^7, 6, 8, 24\})$	1024
24	$\mathcal{O}(0; \{2^6, 3, 4, 6^2, 8, 24\})$	48
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^2, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^2, 8, 24\})$	192
24	$\mathcal{O}(0; \{3, 4^5, 6^2, 8, 24\})$	768
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^3, 8, 24\})$	176
24	$\mathcal{O}(0; \{3^2, 4^3, 6^3, 8, 24\})$	704
24	$\mathcal{O}(0; \{2^4, 4, 6^4, 8, 24\})$	80
24	$\mathcal{O}(0; \{3^3, 4, 6^4, 8, 24\})$	688
24	$\mathcal{O}(0; \{2, 4^3, 6^4, 8, 24\})$	320
24	$\mathcal{O}(0; \{2, 3, 4, 6^5, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^6, 3^2, 8^3, 24\})$	128
24	$\mathcal{O}(0; \{2^2, 3^5, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 8^3, 24\})$	512
24	$\mathcal{O}(0; \{3^2, 4^4, 8^3, 24\})$	2048
24	$\mathcal{O}(0; \{2^7, 6, 8^3, 24\})$	128
24	$\mathcal{O}(0; \{2^3, 3^3, 6, 8^3, 24\})$	640
24	$\mathcal{O}(0; \{2^4, 4^2, 6, 8^3, 24\})$	512
24	$\mathcal{O}(0; \{3^3, 4^2, 6, 8^3, 24\})$	2560
24	$\mathcal{O}(0; \{2, 4^4, 6, 8^3, 24\})$	2048
24	$\mathcal{O}(0; \{2^4, 3, 6^2, 8^3, 24\})$	384
24	$\mathcal{O}(0; \{3^4, 6^2, 8^3, 24\})$	2688
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^2, 8^3, 24\})$	1536
24	$\mathcal{O}(0; \{2, 3^2, 6^3, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{2^2, 6^4, 8^3, 24\})$	640
24	$\mathcal{O}(0; \{2, 3^2, 4, 8^5, 24\})$	4096
24	$\mathcal{O}(0; \{2^2, 4, 6, 8^5, 24\})$	4096
24	$\mathcal{O}(0; \{6, 8^7, 24\})$	32768
24	$\mathcal{O}(0; \{2^9, 3, 8, 12, 24\})$	16
24	$\mathcal{O}(0; \{2^5, 3^4, 8, 12, 24\})$	176
24	$\mathcal{O}(0; \{2, 3^7, 8, 12, 24\})$	1360
24	$\mathcal{O}(0; \{2^6, 3, 4^2, 8, 12, 24\})$	64
24	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 8, 12, 24\})$	704
24	$\mathcal{O}(0; \{2^3, 3, 4^4, 8, 12, 24\})$	256
24	$\mathcal{O}(0; \{3, 4^6, 8, 12, 24\})$	1024

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^6, 3^2, 6, 8, 12, 24\})$	80
24	$\mathcal{O}(0; \{2^2, 3^5, 6, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6, 8, 12, 24\})$	320
24	$\mathcal{O}(0; \{3^2, 4^4, 6, 8, 12, 24\})$	1280
24	$\mathcal{O}(0; \{2^7, 6^2, 8, 12, 24\})$	48
24	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{2^4, 4^2, 6^2, 8, 12, 24\})$	192
24	$\mathcal{O}(0; \{3^3, 4^2, 6^2, 8, 12, 24\})$	1344
24	$\mathcal{O}(0; \{2, 4^4, 6^2, 8, 12, 24\})$	768
24	$\mathcal{O}(0; \{2^4, 3, 6^3, 8, 12, 24\})$	176
24	$\mathcal{O}(0; \{3^4, 6^3, 8, 12, 24\})$	1360
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^3, 8, 12, 24\})$	704
24	$\mathcal{O}(0; \{2, 3^2, 6^4, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2^2, 6^5, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{2^4, 3, 4, 8^3, 12, 24\})$	512
24	$\mathcal{O}(0; \{3^4, 4, 8^3, 12, 24\})$	5632
24	$\mathcal{O}(0; \{2, 3, 4^3, 8^3, 12, 24\})$	2048
24	$\mathcal{O}(0; \{2, 3^2, 4, 6, 8^3, 12, 24\})$	2560
24	$\mathcal{O}(0; \{2^2, 4, 6^2, 8^3, 12, 24\})$	1536
24	$\mathcal{O}(0; \{2^2, 3, 8^5, 12, 24\})$	4096
24	$\mathcal{O}(0; \{6^2, 8^5, 12, 24\})$	12288
24	$\mathcal{O}(0; \{2^7, 4, 8, 12^2, 24\})$	64
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 8, 12^2, 24\})$	704
24	$\mathcal{O}(0; \{2^4, 4^3, 8, 12^2, 24\})$	256
24	$\mathcal{O}(0; \{3^3, 4^3, 8, 12^2, 24\})$	2816
24	$\mathcal{O}(0; \{2, 4^5, 8, 12^2, 24\})$	1024
24	$\mathcal{O}(0; \{2^4, 3, 4, 6, 8, 12^2, 24\})$	320
24	$\mathcal{O}(0; \{3^4, 4, 6, 8, 12^2, 24\})$	2752
24	$\mathcal{O}(0; \{2, 3, 4^3, 6, 8, 12^2, 24\})$	1280
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^2, 8, 12^2, 24\})$	1344
24	$\mathcal{O}(0; \{2^2, 4, 6^3, 8, 12^2, 24\})$	704
24	$\mathcal{O}(0; \{2^5, 8^3, 12^2, 24\})$	512
24	$\mathcal{O}(0; \{2, 3^3, 8^3, 12^2, 24\})$	5632
24	$\mathcal{O}(0; \{2^2, 4^2, 8^3, 12^2, 24\})$	2048
24	$\mathcal{O}(0; \{2^2, 3, 6, 8^3, 12^2, 24\})$	2560
24	$\mathcal{O}(0; \{6^3, 8^3, 12^2, 24\})$	5632
24	$\mathcal{O}(0; \{4, 8^5, 12^2, 24\})$	16384
24	$\mathcal{O}(0; \{2^4, 3^2, 8, 12^3, 24\})$	704
24	$\mathcal{O}(0; \{3^5, 8, 12^3, 24\})$	5440
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 8, 12^3, 24\})$	2816
24	$\mathcal{O}(0; \{2^5, 6, 8, 12^3, 24\})$	320
24	$\mathcal{O}(0; \{2, 3^3, 6, 8, 12^3, 24\})$	2752
24	$\mathcal{O}(0; \{2^2, 4^2, 6, 8, 12^3, 24\})$	1280

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^2, 3, 6^2, 8, 12^3, 24\})$	1344
24	$\mathcal{O}(0; \{6^4, 8, 12^3, 24\})$	2752
24	$\mathcal{O}(0; \{4, 6, 8^3, 12^3, 24\})$	10240
24	$\mathcal{O}(0; \{2^2, 3, 4, 8, 12^4, 24\})$	2816
24	$\mathcal{O}(0; \{4, 6^2, 8, 12^4, 24\})$	5376
24	$\mathcal{O}(0; \{3, 8^3, 12^4, 24\})$	22528
24	$\mathcal{O}(0; \{2^3, 8, 12^5, 24\})$	2816
24	$\mathcal{O}(0; \{4^2, 8, 12^5, 24\})$	11264
24	$\mathcal{O}(0; \{3, 6, 8, 12^5, 24\})$	11008
24	$\mathcal{O}(0; \{2^{12}, 24^2\})$	8
24	$\mathcal{O}(0; \{2^8, 3^3, 24^2\})$	40
24	$\mathcal{O}(0; \{2^4, 3^6, 24^2\})$	344
24	$\mathcal{O}(0; \{3^9, 24^2\})$	2728
24	$\mathcal{O}(0; \{2^9, 4^2, 24^2\})$	32
24	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 24^2\})$	160
24	$\mathcal{O}(0; \{2, 3^6, 4^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^6, 4^4, 24^2\})$	128
24	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 24^2\})$	640
24	$\mathcal{O}(0; \{2^3, 4^6, 24^2\})$	512
24	$\mathcal{O}(0; \{4^8, 24^2\})$	2048
24	$\mathcal{O}(0; \{2^9, 3, 6, 24^2\})$	24
24	$\mathcal{O}(0; \{2^5, 3^4, 6, 24^2\})$	168
24	$\mathcal{O}(0; \{2, 3^7, 6, 24^2\})$	1368
24	$\mathcal{O}(0; \{2^6, 3, 4^2, 6, 24^2\})$	96
24	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6, 24^2\})$	672
24	$\mathcal{O}(0; \{2^3, 3, 4^4, 6, 24^2\})$	384
24	$\mathcal{O}(0; \{3, 4^6, 6, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^6, 3^2, 6^2, 24^2\})$	88
24	$\mathcal{O}(0; \{2^2, 3^5, 6^2, 24^2\})$	680
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^2, 24^2\})$	352
24	$\mathcal{O}(0; \{3^2, 4^4, 6^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^7, 6^3, 24^2\})$	40
24	$\mathcal{O}(0; \{2^3, 3^3, 6^3, 24^2\})$	344
24	$\mathcal{O}(0; \{2^4, 4^2, 6^3, 24^2\})$	160
24	$\mathcal{O}(0; \{3^3, 4^2, 6^3, 24^2\})$	1376
24	$\mathcal{O}(0; \{2, 4^4, 6^3, 24^2\})$	640
24	$\mathcal{O}(0; \{2^4, 3, 6^4, 24^2\})$	168
24	$\mathcal{O}(0; \{3^4, 6^4, 24^2\})$	1368
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^4, 24^2\})$	672
24	$\mathcal{O}(0; \{2, 3^2, 6^5, 24^2\})$	680
24	$\mathcal{O}(0; \{2^2, 6^6, 24^2\})$	344
24	$\mathcal{O}(0; \{2^7, 4, 8^2, 24^2\})$	256
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 8^2, 24^2\})$	1280

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 4^3, 8^2, 24^2\})$	1024
24	$\mathcal{O}(0; \{3^3, 4^3, 8^2, 24^2\})$	5120
24	$\mathcal{O}(0; \{2, 4^5, 8^2, 24^2\})$	4096
24	$\mathcal{O}(0; \{2^4, 3, 4, 6, 8^2, 24^2\})$	768
24	$\mathcal{O}(0; \{3^4, 4, 6, 8^2, 24^2\})$	5376
24	$\mathcal{O}(0; \{2, 3, 4^3, 6, 8^2, 24^2\})$	3072
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^2, 8^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^2, 4, 6^3, 8^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^5, 8^4, 24^2\})$	2048
24	$\mathcal{O}(0; \{2, 3^3, 8^4, 24^2\})$	10240
24	$\mathcal{O}(0; \{2^2, 4^2, 8^4, 24^2\})$	8192
24	$\mathcal{O}(0; \{2^2, 3, 6, 8^4, 24^2\})$	6144
24	$\mathcal{O}(0; \{6^3, 8^4, 24^2\})$	10240
24	$\mathcal{O}(0; \{4, 8^6, 24^2\})$	65536
24	$\mathcal{O}(0; \{2^6, 3^2, 4, 12, 24^2\})$	160
24	$\mathcal{O}(0; \{2^2, 3^5, 4, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 12, 24^2\})$	640
24	$\mathcal{O}(0; \{3^2, 4^5, 12, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^7, 4, 6, 12, 24^2\})$	96
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 6, 12, 24^2\})$	672
24	$\mathcal{O}(0; \{2^4, 4^3, 6, 12, 24^2\})$	384
24	$\mathcal{O}(0; \{3^3, 4^3, 6, 12, 24^2\})$	2688
24	$\mathcal{O}(0; \{2, 4^5, 6, 12, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^4, 3, 4, 6^2, 12, 24^2\})$	352
24	$\mathcal{O}(0; \{3^4, 4, 6^2, 12, 24^2\})$	2720
24	$\mathcal{O}(0; \{2, 3, 4^3, 6^2, 12, 24^2\})$	1408
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^3, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^2, 4, 6^4, 12, 24^2\})$	672
24	$\mathcal{O}(0; \{2^4, 3^2, 8^2, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{3^5, 8^2, 12, 24^2\})$	11008
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 8^2, 12, 24^2\})$	5120
24	$\mathcal{O}(0; \{2^5, 6, 8^2, 12, 24^2\})$	768
24	$\mathcal{O}(0; \{2, 3^3, 6, 8^2, 12, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^2, 4^2, 6, 8^2, 12, 24^2\})$	3072
24	$\mathcal{O}(0; \{2^2, 3, 6^2, 8^2, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{6^4, 8^2, 12, 24^2\})$	5376
24	$\mathcal{O}(0; \{4, 6, 8^4, 12, 24^2\})$	24576
24	$\mathcal{O}(0; \{2^7, 3, 12^2, 24^2\})$	160
24	$\mathcal{O}(0; \{2^3, 3^4, 12^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 12^2, 24^2\})$	640
24	$\mathcal{O}(0; \{3^4, 4^2, 12^2, 24^2\})$	5504
24	$\mathcal{O}(0; \{2, 3, 4^4, 12^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^4, 3^2, 6, 12^2, 24^2\})$	672

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^5, 6, 12^2, 24^2\})$	5472
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6, 12^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^5, 6^2, 12^2, 24^2\})$	352
24	$\mathcal{O}(0; \{2, 3^3, 6^2, 12^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^2, 4^2, 6^2, 12^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^2, 3, 6^3, 12^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{6^5, 12^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^2, 3, 4, 8^2, 12^2, 24^2\})$	5120
24	$\mathcal{O}(0; \{4, 6^2, 8^2, 12^2, 24^2\})$	11264
24	$\mathcal{O}(0; \{3, 8^4, 12^2, 24^2\})$	40960
24	$\mathcal{O}(0; \{2^5, 4, 12^3, 24^2\})$	640
24	$\mathcal{O}(0; \{2, 3^3, 4, 12^3, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^2, 4^3, 12^3, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^2, 3, 4, 6, 12^3, 24^2\})$	2688
24	$\mathcal{O}(0; \{4, 6^3, 12^3, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^3, 8^2, 12^3, 24^2\})$	5120
24	$\mathcal{O}(0; \{4^2, 8^2, 12^3, 24^2\})$	20480
24	$\mathcal{O}(0; \{3, 6, 8^2, 12^3, 24^2\})$	21504
24	$\mathcal{O}(0; \{2^2, 3^2, 12^4, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^3, 6, 12^4, 24^2\})$	2688
24	$\mathcal{O}(0; \{4^2, 6, 12^4, 24^2\})$	10752
24	$\mathcal{O}(0; \{3, 6^2, 12^4, 24^2\})$	10880
24	$\mathcal{O}(0; \{3, 4, 12^5, 24^2\})$	22016
24	$\mathcal{O}(0; \{2, 12^6, 24^2\})$	22016
24	$\mathcal{O}(0; \{2^7, 3, 8, 24^3\})$	384
24	$\mathcal{O}(0; \{2^3, 3^4, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 8, 24^3\})$	1536
24	$\mathcal{O}(0; \{3^4, 4^2, 8, 24^3\})$	10752
24	$\mathcal{O}(0; \{2, 3, 4^4, 8, 24^3\})$	6144
24	$\mathcal{O}(0; \{2^4, 3^2, 6, 8, 24^3\})$	1408
24	$\mathcal{O}(0; \{3^5, 6, 8, 24^3\})$	10880
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6, 8, 24^3\})$	5632
24	$\mathcal{O}(0; \{2^5, 6^2, 8, 24^3\})$	640
24	$\mathcal{O}(0; \{2, 3^3, 6^2, 8, 24^3\})$	5504
24	$\mathcal{O}(0; \{2^2, 4^2, 6^2, 8, 24^3\})$	2560
24	$\mathcal{O}(0; \{2^2, 3, 6^3, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{6^5, 8, 24^3\})$	5504
24	$\mathcal{O}(0; \{2^2, 3, 4, 8^3, 24^3\})$	12288
24	$\mathcal{O}(0; \{4, 6^2, 8^3, 24^3\})$	20480
24	$\mathcal{O}(0; \{3, 8^5, 24^3\})$	98304
24	$\mathcal{O}(0; \{2^5, 4, 8, 12, 24^3\})$	1536
24	$\mathcal{O}(0; \{2, 3^3, 4, 8, 12, 24^3\})$	10752
24	$\mathcal{O}(0; \{2^2, 4^3, 8, 12, 24^3\})$	6144

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^2, 3, 4, 6, 8, 12, 24^3\})$	5632
24	$\mathcal{O}(0; \{4, 6^3, 8, 12, 24^3\})$	10752
24	$\mathcal{O}(0; \{2^3, 8^3, 12, 24^3\})$	12288
24	$\mathcal{O}(0; \{4^2, 8^3, 12, 24^3\})$	49152
24	$\mathcal{O}(0; \{3, 6, 8^3, 12, 24^3\})$	45056
24	$\mathcal{O}(0; \{2^2, 3^2, 8, 12^2, 24^3\})$	10752
24	$\mathcal{O}(0; \{2^3, 6, 8, 12^2, 24^3\})$	5632
24	$\mathcal{O}(0; \{4^2, 6, 8, 12^2, 24^3\})$	22528
24	$\mathcal{O}(0; \{3, 6^2, 8, 12^2, 24^3\})$	22016
24	$\mathcal{O}(0; \{3, 4, 8, 12^3, 24^3\})$	43008
24	$\mathcal{O}(0; \{2, 8, 12^4, 24^3\})$	43008
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 24^4\})$	2816
24	$\mathcal{O}(0; \{3^5, 4, 24^4\})$	21760
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 24^4\})$	11264
24	$\mathcal{O}(0; \{2^5, 4, 6, 24^4\})$	1280
24	$\mathcal{O}(0; \{2, 3^3, 4, 6, 24^4\})$	11008
24	$\mathcal{O}(0; \{2^2, 4^3, 6, 24^4\})$	5120
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^2, 24^4\})$	5376
24	$\mathcal{O}(0; \{4, 6^4, 24^4\})$	11008
24	$\mathcal{O}(0; \{2^2, 3^2, 8^2, 24^4\})$	22528
24	$\mathcal{O}(0; \{2^3, 6, 8^2, 24^4\})$	10240
24	$\mathcal{O}(0; \{4^2, 6, 8^2, 24^4\})$	40960
24	$\mathcal{O}(0; \{3, 6^2, 8^2, 24^4\})$	43008
24	$\mathcal{O}(0; \{2^5, 3, 12, 24^4\})$	2816
24	$\mathcal{O}(0; \{2, 3^4, 12, 24^4\})$	21760
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 12, 24^4\})$	11264
24	$\mathcal{O}(0; \{2^2, 3^2, 6, 12, 24^4\})$	11008
24	$\mathcal{O}(0; \{2^3, 6^2, 12, 24^4\})$	5376
24	$\mathcal{O}(0; \{4^2, 6^2, 12, 24^4\})$	21504
24	$\mathcal{O}(0; \{3, 6^3, 12, 24^4\})$	21760
24	$\mathcal{O}(0; \{3, 4, 8^2, 12, 24^4\})$	90112
24	$\mathcal{O}(0; \{2^3, 4, 12^2, 24^4\})$	11264
24	$\mathcal{O}(0; \{4^3, 12^2, 24^4\})$	45056
24	$\mathcal{O}(0; \{3, 4, 6, 12^2, 24^4\})$	44032
24	$\mathcal{O}(0; \{2, 8^2, 12^2, 24^4\})$	90112
24	$\mathcal{O}(0; \{3^2, 12^3, 24^4\})$	87040
24	$\mathcal{O}(0; \{2, 6, 12^3, 24^4\})$	44032
24	$\mathcal{O}(0; \{2^3, 4, 8, 24^5\})$	20480
24	$\mathcal{O}(0; \{4^3, 8, 24^5\})$	81920
24	$\mathcal{O}(0; \{3, 4, 6, 8, 24^5\})$	86016
24	$\mathcal{O}(0; \{2, 8^3, 24^5\})$	163840
24	$\mathcal{O}(0; \{3^2, 8, 12, 24^5\})$	176128
24	$\mathcal{O}(0; \{2, 6, 8, 12, 24^5\})$	86016

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^3, 3, 24^6\})$	43008
24	$\mathcal{O}(0; \{3, 4^2, 24^6\})$	172032
24	$\mathcal{O}(0; \{3^2, 6, 24^6\})$	174080
24	$\mathcal{O}(0; \{2, 6^2, 24^6\})$	88064
24	$\mathcal{O}(0; \{2, 4, 12, 24^6\})$	172032
25	$\mathcal{O}(2; \{5, 25^3\})$	468750000
25	$\mathcal{O}(0; \{5^6, 25^3\})$	1228800
25	$\mathcal{O}(0; \{25^8\})$	1024062500
26	$\mathcal{O}(0; \{2^2, 13^7\})$	2756292
26	$\mathcal{O}(0; \{13^6, 26^2\})$	33075516
27	$\mathcal{O}(2; \{3^2, 27^2\})$	38263752
27	$\mathcal{O}(1; \{3^5, 27^2\})$	419904
27	$\mathcal{O}(1; \{3, 9^3, 27^2\})$	5668704
27	$\mathcal{O}(0; \{3^8, 27^2\})$	4608
27	$\mathcal{O}(0; \{3^4, 9^3, 27^2\})$	62208
27	$\mathcal{O}(0; \{9^6, 27^2\})$	839808
27	$\mathcal{O}(0; \{3, 9^2, 27^5\})$	4723920
28	$\mathcal{O}(2; \{2, 4, 7, 28\})$	7375872
28	$\mathcal{O}(1; \{2^2, 4^2, 7^3\})$	47040
28	$\mathcal{O}(1; \{4^2, 7^2, 14^2\})$	291648
28	$\mathcal{O}(1; \{2^5, 4, 7, 28\})$	9408
28	$\mathcal{O}(1; \{2^2, 4^3, 7, 28\})$	37632
28	$\mathcal{O}(1; \{2^3, 4, 14^2, 28\})$	47040
28	$\mathcal{O}(1; \{4^3, 14^2, 28\})$	188160
28	$\mathcal{O}(1; \{2, 7^2, 14, 28^2\})$	1740480
28	$\mathcal{O}(1; \{2, 4, 14, 28^3\})$	1166592
28	$\mathcal{O}(0; \{2^6, 4^2, 7^3\})$	60
28	$\mathcal{O}(0; \{2^3, 4^4, 7^3\})$	240
28	$\mathcal{O}(0; \{4^6, 7^3\})$	960
28	$\mathcal{O}(0; \{2^4, 4^2, 7^2, 14^2\})$	372
28	$\mathcal{O}(0; \{2, 4^4, 7^2, 14^2\})$	1488
28	$\mathcal{O}(0; \{2^2, 4^2, 7, 14^4\})$	2220
28	$\mathcal{O}(0; \{4^2, 14^6\})$	13332
28	$\mathcal{O}(0; \{2^9, 4, 7, 28\})$	12
28	$\mathcal{O}(0; \{2^6, 4^3, 7, 28\})$	48
28	$\mathcal{O}(0; \{2^3, 4^5, 7, 28\})$	192
28	$\mathcal{O}(0; \{4^7, 7, 28\})$	768
28	$\mathcal{O}(0; \{2^2, 4, 7^4, 14, 28\})$	13332
28	$\mathcal{O}(0; \{2^7, 4, 14^2, 28\})$	60
28	$\mathcal{O}(0; \{2^4, 4^3, 14^2, 28\})$	240
28	$\mathcal{O}(0; \{2, 4^5, 14^2, 28\})$	960
28	$\mathcal{O}(0; \{4, 7^3, 14^3, 28\})$	79980
28	$\mathcal{O}(0; \{7^6, 28^2\})$	479892

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{2^5, 7^2, 14, 28^2\})$	2220
28	$\mathcal{O}(0; \{2^2, 4^2, 7^2, 14, 28^2\})$	8880
28	$\mathcal{O}(0; \{2^3, 7, 14^3, 28^2\})$	13332
28	$\mathcal{O}(0; \{4^2, 7, 14^3, 28^2\})$	53328
28	$\mathcal{O}(0; \{2, 14^5, 28^2\})$	79980
28	$\mathcal{O}(0; \{4, 7^4, 28^3\})$	319920
28	$\mathcal{O}(0; \{2^5, 4, 14, 28^3\})$	1488
28	$\mathcal{O}(0; \{2^2, 4^3, 14, 28^3\})$	5952
28	$\mathcal{O}(0; \{2^3, 7^2, 28^4\})$	53328
28	$\mathcal{O}(0; \{4^2, 7^2, 28^4\})$	213312
28	$\mathcal{O}(0; \{2, 7, 14^2, 28^4\})$	319920
28	$\mathcal{O}(0; \{2^3, 4, 28^5\})$	35520
28	$\mathcal{O}(0; \{4^3, 28^5\})$	142080
29	$\mathcal{O}(2; \{29^3\})$	534704436
30	$\mathcal{O}(2; \{6, 15, 30\})$	6480000
30	$\mathcal{O}(2; \{5, 30^2\})$	19440000
30	$\mathcal{O}(1; \{2^2, 3^2, 5^3\})$	21600
30	$\mathcal{O}(1; \{3, 5^3, 6^2\})$	21600
30	$\mathcal{O}(1; \{3^2, 5^2, 10^2\})$	93600
30	$\mathcal{O}(1; \{2^2, 3^3, 5, 15\})$	21600
30	$\mathcal{O}(1; \{2^3, 3, 5, 6, 15\})$	7200
30	$\mathcal{O}(1; \{3^2, 5, 6^2, 15\})$	36000
30	$\mathcal{O}(1; \{2, 5, 6^3, 15\})$	21600
30	$\mathcal{O}(1; \{3^3, 10^2, 15\})$	64800
30	$\mathcal{O}(1; \{2, 3, 6, 10^2, 15\})$	21600
30	$\mathcal{O}(1; \{2, 3, 5, 10, 15^2\})$	93600
30	$\mathcal{O}(1; \{2^2, 15^4\})$	280800
30	$\mathcal{O}(1; \{2^3, 3, 5^2, 30\})$	21600
30	$\mathcal{O}(1; \{3^2, 5^2, 6, 30\})$	64800
30	$\mathcal{O}(1; \{2, 5^2, 6^2, 30\})$	21600
30	$\mathcal{O}(1; \{2, 3, 5, 10^2, 30\})$	93600
30	$\mathcal{O}(1; \{2^3, 3^2, 15, 30\})$	21600
30	$\mathcal{O}(1; \{2^4, 6, 15, 30\})$	7200
30	$\mathcal{O}(1; \{3^3, 6, 15, 30\})$	79200
30	$\mathcal{O}(1; \{2, 3, 6^2, 15, 30\})$	36000
30	$\mathcal{O}(1; \{2^2, 10, 15^2, 30\})$	93600
30	$\mathcal{O}(1; \{2^4, 5, 30^2\})$	21600
30	$\mathcal{O}(1; \{3^3, 5, 30^2\})$	108000
30	$\mathcal{O}(1; \{2, 3, 5, 6, 30^2\})$	64800
30	$\mathcal{O}(1; \{2^2, 10^2, 30^2\})$	93600
30	$\mathcal{O}(1; \{15^3, 30^2\})$	1836000
30	$\mathcal{O}(1; \{2, 3^2, 30^3\})$	108000
30	$\mathcal{O}(1; \{2^2, 6, 30^3\})$	64800

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{10, 15, 30^3\})$	1101600
30	$\mathcal{O}(0; \{2^6, 3^2, 5^3\})$	24
30	$\mathcal{O}(0; \{2^2, 3^5, 5^3\})$	120
30	$\mathcal{O}(0; \{2^3, 3^3, 5^3, 6\})$	72
30	$\mathcal{O}(0; \{2^4, 3, 5^3, 6^2\})$	24
30	$\mathcal{O}(0; \{3^4, 5^3, 6^2\})$	264
30	$\mathcal{O}(0; \{2, 3^2, 5^3, 6^3\})$	120
30	$\mathcal{O}(0; \{2^2, 5^3, 6^4\})$	72
30	$\mathcal{O}(0; \{2, 3^2, 5^5, 10\})$	1640
30	$\mathcal{O}(0; \{2^4, 3^2, 5^2, 10^2\})$	104
30	$\mathcal{O}(0; \{3^5, 5^2, 10^2\})$	520
30	$\mathcal{O}(0; \{2, 3^3, 5^2, 6, 10^2\})$	312
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 6^2, 10^2\})$	104
30	$\mathcal{O}(0; \{5^2, 6^4, 10^2\})$	312
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 10^4\})$	408
30	$\mathcal{O}(0; \{3, 5, 6^2, 10^4\})$	408
30	$\mathcal{O}(0; \{3^2, 10^6\})$	1640
30	$\mathcal{O}(0; \{2^6, 3^3, 5, 15\})$	24
30	$\mathcal{O}(0; \{2^2, 3^6, 5, 15\})$	168
30	$\mathcal{O}(0; \{2^7, 3, 5, 6, 15\})$	8
30	$\mathcal{O}(0; \{2^3, 3^4, 5, 6, 15\})$	88
30	$\mathcal{O}(0; \{2^4, 3^2, 5, 6^2, 15\})$	40
30	$\mathcal{O}(0; \{3^5, 5, 6^2, 15\})$	344
30	$\mathcal{O}(0; \{2^5, 5, 6^3, 15\})$	24
30	$\mathcal{O}(0; \{2, 3^3, 5, 6^3, 15\})$	168
30	$\mathcal{O}(0; \{2^2, 3, 5, 6^4, 15\})$	88
30	$\mathcal{O}(0; \{5, 6^6, 15\})$	168
30	$\mathcal{O}(0; \{2, 3^3, 5^3, 10, 15\})$	1224
30	$\mathcal{O}(0; \{2^2, 3, 5^3, 6, 10, 15\})$	408
30	$\mathcal{O}(0; \{5^3, 6^3, 10, 15\})$	1224
30	$\mathcal{O}(0; \{2^4, 3^3, 10^2, 15\})$	72
30	$\mathcal{O}(0; \{3^6, 10^2, 15\})$	504
30	$\mathcal{O}(0; \{2^5, 3, 6, 10^2, 15\})$	24
30	$\mathcal{O}(0; \{2, 3^4, 6, 10^2, 15\})$	264
30	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 10^2, 15\})$	120
30	$\mathcal{O}(0; \{2^3, 6^3, 10^2, 15\})$	72
30	$\mathcal{O}(0; \{3, 6^4, 10^2, 15\})$	264
30	$\mathcal{O}(0; \{3, 5^2, 6, 10^3, 15\})$	1640
30	$\mathcal{O}(0; \{2^2, 3, 5^4, 15^2\})$	1640
30	$\mathcal{O}(0; \{5^4, 6^2, 15^2\})$	4920
30	$\mathcal{O}(0; \{2^5, 3, 5, 10, 15^2\})$	104
30	$\mathcal{O}(0; \{2, 3^4, 5, 10, 15^2\})$	1144
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 6, 10, 15^2\})$	520

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^3, 5, 6^2, 10, 15^2\})$	312
30	$\mathcal{O}(0; \{3, 5, 6^3, 10, 15^2\})$	1144
30	$\mathcal{O}(0; \{3, 5^3, 10^2, 15^2\})$	6552
30	$\mathcal{O}(0; \{2^3, 3, 10^3, 15^2\})$	408
30	$\mathcal{O}(0; \{3^2, 6, 10^3, 15^2\})$	2040
30	$\mathcal{O}(0; \{2, 6^2, 10^3, 15^2\})$	1224
30	$\mathcal{O}(0; \{2^2, 3^2, 5^2, 15^3\})$	2040
30	$\mathcal{O}(0; \{2^3, 5^2, 6, 15^3\})$	1224
30	$\mathcal{O}(0; \{3, 5^2, 6^2, 15^3\})$	4488
30	$\mathcal{O}(0; \{3^2, 5, 10^2, 15^3\})$	8200
30	$\mathcal{O}(0; \{2, 5, 6, 10^2, 15^3\})$	4920
30	$\mathcal{O}(0; \{2^6, 15^4\})$	312
30	$\mathcal{O}(0; \{2^2, 3^3, 15^4\})$	2184
30	$\mathcal{O}(0; \{2^3, 3, 6, 15^4\})$	1144
30	$\mathcal{O}(0; \{3^2, 6^2, 15^4\})$	4472
30	$\mathcal{O}(0; \{2, 6^3, 15^4\})$	2184
30	$\mathcal{O}(0; \{2, 5^2, 10, 15^4\})$	19656
30	$\mathcal{O}(0; \{2, 3, 10, 15^5\})$	18040
30	$\mathcal{O}(0; \{2^7, 3, 5^2, 30\})$	24
30	$\mathcal{O}(0; \{2^3, 3^4, 5^2, 30\})$	120
30	$\mathcal{O}(0; \{2^4, 3^2, 5^2, 6, 30\})$	72
30	$\mathcal{O}(0; \{3^5, 5^2, 6, 30\})$	504
30	$\mathcal{O}(0; \{2^5, 5^2, 6^2, 30\})$	24
30	$\mathcal{O}(0; \{2, 3^3, 5^2, 6^2, 30\})$	264
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 6^3, 30\})$	120
30	$\mathcal{O}(0; \{5^2, 6^5, 30\})$	264
30	$\mathcal{O}(0; \{2^2, 3, 5^4, 10, 30\})$	1640
30	$\mathcal{O}(0; \{5^4, 6^2, 10, 30\})$	1640
30	$\mathcal{O}(0; \{2^5, 3, 5, 10^2, 30\})$	104
30	$\mathcal{O}(0; \{2, 3^4, 5, 10^2, 30\})$	520
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 6, 10^2, 30\})$	312
30	$\mathcal{O}(0; \{2^3, 5, 6^2, 10^2, 30\})$	104
30	$\mathcal{O}(0; \{3, 5, 6^3, 10^2, 30\})$	520
30	$\mathcal{O}(0; \{3, 5^3, 10^3, 30\})$	6552
30	$\mathcal{O}(0; \{2^3, 3, 10^4, 30\})$	408
30	$\mathcal{O}(0; \{3^2, 6, 10^4, 30\})$	1224
30	$\mathcal{O}(0; \{2, 6^2, 10^4, 30\})$	408
30	$\mathcal{O}(0; \{2^7, 3^2, 15, 30\})$	24
30	$\mathcal{O}(0; \{2^3, 3^5, 15, 30\})$	168
30	$\mathcal{O}(0; \{2^8, 6, 15, 30\})$	8
30	$\mathcal{O}(0; \{2^4, 3^3, 6, 15, 30\})$	88
30	$\mathcal{O}(0; \{3^6, 6, 15, 30\})$	680
30	$\mathcal{O}(0; \{5^5, 6, 15, 30\})$	6552

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^5, 3, 6^2, 15, 30\})$	40
30	$\mathcal{O}(0; \{2, 3^4, 6^2, 15, 30\})$	344
30	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 15, 30\})$	168
30	$\mathcal{O}(0; \{2^3, 6^4, 15, 30\})$	88
30	$\mathcal{O}(0; \{3, 6^5, 15, 30\})$	344
30	$\mathcal{O}(0; \{2^2, 3^2, 5^2, 10, 15, 30\})$	1224
30	$\mathcal{O}(0; \{2^3, 5^2, 6, 10, 15, 30\})$	408
30	$\mathcal{O}(0; \{3, 5^2, 6^2, 10, 15, 30\})$	2040
30	$\mathcal{O}(0; \{3^2, 5, 10^3, 15, 30\})$	4920
30	$\mathcal{O}(0; \{2, 5, 6, 10^3, 15, 30\})$	1640
30	$\mathcal{O}(0; \{2^3, 5^3, 15^2, 30\})$	1640
30	$\mathcal{O}(0; \{3, 5^3, 6, 15^2, 30\})$	8200
30	$\mathcal{O}(0; \{2^6, 10, 15^2, 30\})$	104
30	$\mathcal{O}(0; \{2^2, 3^3, 10, 15^2, 30\})$	1144
30	$\mathcal{O}(0; \{2^3, 3, 6, 10, 15^2, 30\})$	520
30	$\mathcal{O}(0; \{3^2, 6^2, 10, 15^2, 30\})$	2184
30	$\mathcal{O}(0; \{2, 6^3, 10, 15^2, 30\})$	1144
30	$\mathcal{O}(0; \{2, 5^2, 10^2, 15^2, 30\})$	6552
30	$\mathcal{O}(0; \{2^3, 3, 5, 15^3, 30\})$	2040
30	$\mathcal{O}(0; \{3^2, 5, 6, 15^3, 30\})$	8568
30	$\mathcal{O}(0; \{2, 5, 6^2, 15^3, 30\})$	4488
30	$\mathcal{O}(0; \{2, 3, 10^2, 15^3, 30\})$	8200
30	$\mathcal{O}(0; \{2^8, 5, 30^2\})$	24
30	$\mathcal{O}(0; \{2^4, 3^3, 5, 30^2\})$	120
30	$\mathcal{O}(0; \{3^6, 5, 30^2\})$	1032
30	$\mathcal{O}(0; \{5^6, 30^2\})$	26216
30	$\mathcal{O}(0; \{2^5, 3, 5, 6, 30^2\})$	72
30	$\mathcal{O}(0; \{2, 3^4, 5, 6, 30^2\})$	504
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 6^2, 30^2\})$	264
30	$\mathcal{O}(0; \{2^3, 5, 6^3, 30^2\})$	120
30	$\mathcal{O}(0; \{3, 5, 6^4, 30^2\})$	504
30	$\mathcal{O}(0; \{2^3, 5^3, 10, 30^2\})$	1640
30	$\mathcal{O}(0; \{3, 5^3, 6, 10, 30^2\})$	4920
30	$\mathcal{O}(0; \{2^6, 10^2, 30^2\})$	104
30	$\mathcal{O}(0; \{2^2, 3^3, 10^2, 30^2\})$	520
30	$\mathcal{O}(0; \{2^3, 3, 6, 10^2, 30^2\})$	312
30	$\mathcal{O}(0; \{3^2, 6^2, 10^2, 30^2\})$	1144
30	$\mathcal{O}(0; \{2, 6^3, 10^2, 30^2\})$	520
30	$\mathcal{O}(0; \{2, 5^2, 10^3, 30^2\})$	6552
30	$\mathcal{O}(0; \{3, 5^4, 15, 30^2\})$	19656
30	$\mathcal{O}(0; \{2^3, 3, 5, 10, 15, 30^2\})$	1224
30	$\mathcal{O}(0; \{3^2, 5, 6, 10, 15, 30^2\})$	4488
30	$\mathcal{O}(0; \{2, 5, 6^2, 10, 15, 30^2\})$	2040

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2, 3, 10^3, 15, 30^2\})$	4920
30	$\mathcal{O}(0; \{3^2, 5^2, 15^2, 30^2\})$	18040
30	$\mathcal{O}(0; \{2, 5^2, 6, 15^2, 30^2\})$	8200
30	$\mathcal{O}(0; \{2^4, 15^3, 30^2\})$	2040
30	$\mathcal{O}(0; \{3^3, 15^3, 30^2\})$	17544
30	$\mathcal{O}(0; \{2, 3, 6, 15^3, 30^2\})$	8568
30	$\mathcal{O}(0; \{2^5, 3^2, 30^3\})$	120
30	$\mathcal{O}(0; \{2, 3^5, 30^3\})$	1032
30	$\mathcal{O}(0; \{2^6, 6, 30^3\})$	72
30	$\mathcal{O}(0; \{2^2, 3^3, 6, 30^3\})$	504
30	$\mathcal{O}(0; \{2^3, 3, 6^2, 30^3\})$	264
30	$\mathcal{O}(0; \{3^2, 6^3, 30^3\})$	1032
30	$\mathcal{O}(0; \{2, 6^4, 30^3\})$	504
30	$\mathcal{O}(0; \{3^2, 5^2, 10, 30^3\})$	8200
30	$\mathcal{O}(0; \{2, 5^2, 6, 10, 30^3\})$	4920
30	$\mathcal{O}(0; \{2, 5^3, 15, 30^3\})$	19656
30	$\mathcal{O}(0; \{2^4, 10, 15, 30^3\})$	1224
30	$\mathcal{O}(0; \{3^3, 10, 15, 30^3\})$	8568
30	$\mathcal{O}(0; \{2, 3, 6, 10, 15, 30^3\})$	4488
30	$\mathcal{O}(0; \{2, 3, 5, 15^2, 30^3\})$	18040
30	$\mathcal{O}(0; \{2, 3, 5, 10, 30^4\})$	8200
30	$\mathcal{O}(0; \{2^2, 15^2, 30^4\})$	18040
30	$\mathcal{O}(0; \{2^2, 10, 30^5\})$	8200
30	$\mathcal{O}(0; \{15, 30^6\})$	137592
32	$\mathcal{O}(2; \{2, 32^2\})$	16777216
32	$\mathcal{O}(1; \{2^5, 32^2\})$	16384
32	$\mathcal{O}(1; \{2^2, 4^2, 32^2\})$	65536
32	$\mathcal{O}(1; \{4, 8^2, 32^2\})$	524288
32	$\mathcal{O}(0; \{2^9, 32^2\})$	16
32	$\mathcal{O}(0; \{2^6, 4^2, 32^2\})$	64
32	$\mathcal{O}(0; \{2^3, 4^4, 32^2\})$	256
32	$\mathcal{O}(0; \{4^6, 32^2\})$	1024
32	$\mathcal{O}(0; \{2^4, 4, 8^2, 32^2\})$	512
32	$\mathcal{O}(0; \{2, 4^3, 8^2, 32^2\})$	2048
32	$\mathcal{O}(0; \{2^2, 8^4, 32^2\})$	4096
32	$\mathcal{O}(0; \{2^2, 4, 8, 16^2, 32^2\})$	8192
32	$\mathcal{O}(0; \{8^3, 16^2, 32^2\})$	65536
32	$\mathcal{O}(0; \{4, 16^4, 32^2\})$	131072
32	$\mathcal{O}(0; \{4, 8, 16, 32^4\})$	262144
33	$\mathcal{O}(0; \{3^4, 11^4\})$	5460
33	$\mathcal{O}(0; \{3, 11^3, 33^3\})$	545460
34	$\mathcal{O}(0; \{2, 17^5, 34\})$	986896
35	$\mathcal{O}(0; \{5, 7^5, 35\})$	26664

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
35	$\mathcal{O}(0; \{5^3, 7^2, 35^2\})$	37944
36	$\mathcal{O}(2; \{36^2\})$	20155392
36	$\mathcal{O}(1; \{3, 4^2, 9^2\})$	31104
36	$\mathcal{O}(1; \{2, 4, 9^2, 12\})$	31104
36	$\mathcal{O}(1; \{3^2, 4, 9, 36\})$	62208
36	$\mathcal{O}(1; \{2, 4, 6, 9, 36\})$	31104
36	$\mathcal{O}(1; \{2, 3, 9, 12, 36\})$	62208
36	$\mathcal{O}(1; \{2^4, 36^2\})$	15552
36	$\mathcal{O}(1; \{3^3, 36^2\})$	124416
36	$\mathcal{O}(1; \{2, 4^2, 36^2\})$	62208
36	$\mathcal{O}(1; \{2, 3, 6, 36^2\})$	62208
36	$\mathcal{O}(0; \{2^4, 3, 4^2, 9^2\})$	24
36	$\mathcal{O}(0; \{3^4, 4^2, 9^2\})$	192
36	$\mathcal{O}(0; \{2, 3, 4^4, 9^2\})$	96
36	$\mathcal{O}(0; \{2, 3^2, 4^2, 6, 9^2\})$	96
36	$\mathcal{O}(0; \{2^2, 4^2, 6^2, 9^2\})$	48
36	$\mathcal{O}(0; \{4^2, 9^5\})$	1620
36	$\mathcal{O}(0; \{2^5, 4, 9^2, 12\})$	24
36	$\mathcal{O}(0; \{2, 3^3, 4, 9^2, 12\})$	192
36	$\mathcal{O}(0; \{2^2, 4^3, 9^2, 12\})$	96
36	$\mathcal{O}(0; \{2^2, 3, 4, 6, 9^2, 12\})$	96
36	$\mathcal{O}(0; \{4, 6^3, 9^2, 12\})$	192
36	$\mathcal{O}(0; \{2^2, 3^2, 9^2, 12^2\})$	192
36	$\mathcal{O}(0; \{2^3, 6, 9^2, 12^2\})$	96
36	$\mathcal{O}(0; \{4^2, 6, 9^2, 12^2\})$	384
36	$\mathcal{O}(0; \{3, 6^2, 9^2, 12^2\})$	384
36	$\mathcal{O}(0; \{3, 4, 9^2, 12^3\})$	768
36	$\mathcal{O}(0; \{2, 9^2, 12^4\})$	768
36	$\mathcal{O}(0; \{4^2, 6, 9^3, 18\})$	648
36	$\mathcal{O}(0; \{3, 4, 9^3, 12, 18\})$	1296
36	$\mathcal{O}(0; \{2, 9^3, 12^2, 18\})$	1296
36	$\mathcal{O}(0; \{2^2, 3, 4^2, 9, 18^2\})$	72
36	$\mathcal{O}(0; \{4^2, 6^2, 9, 18^2\})$	144
36	$\mathcal{O}(0; \{2^3, 4, 9, 12, 18^2\})$	72
36	$\mathcal{O}(0; \{4^3, 9, 12, 18^2\})$	288
36	$\mathcal{O}(0; \{3, 4, 6, 9, 12, 18^2\})$	288
36	$\mathcal{O}(0; \{3^2, 9, 12^2, 18^2\})$	576
36	$\mathcal{O}(0; \{2, 6, 9, 12^2, 18^2\})$	288
36	$\mathcal{O}(0; \{3, 4^2, 18^4\})$	648
36	$\mathcal{O}(0; \{2, 4, 12, 18^4\})$	648
36	$\mathcal{O}(0; \{2^4, 3^2, 4, 9, 36\})$	48
36	$\mathcal{O}(0; \{3^5, 4, 9, 36\})$	384
36	$\mathcal{O}(0; \{2, 3^2, 4^3, 9, 36\})$	192

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2^5, 4, 6, 9, 36\})$	24
36	$\mathcal{O}(0; \{2, 3^3, 4, 6, 9, 36\})$	192
36	$\mathcal{O}(0; \{2^2, 4^3, 6, 9, 36\})$	96
36	$\mathcal{O}(0; \{2^2, 3, 4, 6^2, 9, 36\})$	96
36	$\mathcal{O}(0; \{4, 6^4, 9, 36\})$	192
36	$\mathcal{O}(0; \{3, 4, 9^4, 36\})$	3240
36	$\mathcal{O}(0; \{2^5, 3, 9, 12, 36\})$	48
36	$\mathcal{O}(0; \{2, 3^4, 9, 12, 36\})$	384
36	$\mathcal{O}(0; \{2^2, 3, 4^2, 9, 12, 36\})$	192
36	$\mathcal{O}(0; \{2^2, 3^2, 6, 9, 12, 36\})$	192
36	$\mathcal{O}(0; \{2^3, 6^2, 9, 12, 36\})$	96
36	$\mathcal{O}(0; \{4^2, 6^2, 9, 12, 36\})$	384
36	$\mathcal{O}(0; \{3, 6^3, 9, 12, 36\})$	384
36	$\mathcal{O}(0; \{2, 9^4, 12, 36\})$	3240
36	$\mathcal{O}(0; \{2^3, 4, 9, 12^2, 36\})$	192
36	$\mathcal{O}(0; \{4^3, 9, 12^2, 36\})$	768
36	$\mathcal{O}(0; \{3, 4, 6, 9, 12^2, 36\})$	768
36	$\mathcal{O}(0; \{3^2, 9, 12^3, 36\})$	1536
36	$\mathcal{O}(0; \{2, 6, 9, 12^3, 36\})$	768
36	$\mathcal{O}(0; \{2^3, 4, 9^2, 18, 36\})$	324
36	$\mathcal{O}(0; \{4^3, 9^2, 18, 36\})$	1296
36	$\mathcal{O}(0; \{3, 4, 6, 9^2, 18, 36\})$	1296
36	$\mathcal{O}(0; \{3^2, 9^2, 12, 18, 36\})$	2592
36	$\mathcal{O}(0; \{2, 6, 9^2, 12, 18, 36\})$	1296
36	$\mathcal{O}(0; \{2^2, 3^2, 4, 18^2, 36\})$	144
36	$\mathcal{O}(0; \{2^3, 4, 6, 18^2, 36\})$	72
36	$\mathcal{O}(0; \{4^3, 6, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{3, 4, 6^2, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{2^3, 3, 12, 18^2, 36\})$	144
36	$\mathcal{O}(0; \{3, 4^2, 12, 18^2, 36\})$	576
36	$\mathcal{O}(0; \{3^2, 6, 12, 18^2, 36\})$	576
36	$\mathcal{O}(0; \{2, 6^2, 12, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{2, 4, 12^2, 18^2, 36\})$	576
36	$\mathcal{O}(0; \{2, 4, 9, 18^3, 36\})$	1620
36	$\mathcal{O}(0; \{2^8, 36^2\})$	12
36	$\mathcal{O}(0; \{2^4, 3^3, 36^2\})$	96
36	$\mathcal{O}(0; \{3^6, 36^2\})$	768
36	$\mathcal{O}(0; \{2^5, 4^2, 36^2\})$	48
36	$\mathcal{O}(0; \{2, 3^3, 4^2, 36^2\})$	384
36	$\mathcal{O}(0; \{2^2, 4^4, 36^2\})$	192
36	$\mathcal{O}(0; \{2^5, 3, 6, 36^2\})$	48
36	$\mathcal{O}(0; \{2, 3^4, 6, 36^2\})$	384
36	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 36^2\})$	192

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 36^2\})$	192
36	$\mathcal{O}(0; \{2^3, 6^3, 36^2\})$	96
36	$\mathcal{O}(0; \{4^2, 6^3, 36^2\})$	384
36	$\mathcal{O}(0; \{3, 6^4, 36^2\})$	384
36	$\mathcal{O}(0; \{3^2, 9^3, 36^2\})$	6480
36	$\mathcal{O}(0; \{2, 6, 9^3, 36^2\})$	3240
36	$\mathcal{O}(0; \{2^2, 3^2, 4, 12, 36^2\})$	384
36	$\mathcal{O}(0; \{2^3, 4, 6, 12, 36^2\})$	192
36	$\mathcal{O}(0; \{4^3, 6, 12, 36^2\})$	768
36	$\mathcal{O}(0; \{3, 4, 6^2, 12, 36^2\})$	768
36	$\mathcal{O}(0; \{2^3, 3, 12^2, 36^2\})$	384
36	$\mathcal{O}(0; \{3, 4^2, 12^2, 36^2\})$	1536
36	$\mathcal{O}(0; \{3^2, 6, 12^2, 36^2\})$	1536
36	$\mathcal{O}(0; \{2, 6^2, 12^2, 36^2\})$	768
36	$\mathcal{O}(0; \{2, 4, 12^3, 36^2\})$	1536
36	$\mathcal{O}(0; \{2^3, 3, 9, 18, 36^2\})$	648
36	$\mathcal{O}(0; \{3, 4^2, 9, 18, 36^2\})$	2592
36	$\mathcal{O}(0; \{3^2, 6, 9, 18, 36^2\})$	2592
36	$\mathcal{O}(0; \{2, 6^2, 9, 18, 36^2\})$	1296
36	$\mathcal{O}(0; \{2, 4, 9, 12, 18, 36^2\})$	2592
36	$\mathcal{O}(0; \{2, 3, 18^3, 36^2\})$	3240
36	$\mathcal{O}(0; \{2, 4, 9^2, 36^3\})$	6480
36	$\mathcal{O}(0; \{3^2, 4, 18, 36^3\})$	5184
36	$\mathcal{O}(0; \{2, 4, 6, 18, 36^3\})$	2592
36	$\mathcal{O}(0; \{2, 3, 12, 18, 36^3\})$	5184
36	$\mathcal{O}(0; \{2, 3, 9, 36^4\})$	12960
37	$\mathcal{O}(0; \{37^6\})$	58831956
38	$\mathcal{O}(0; \{2^2, 19^5\})$	99450
38	$\mathcal{O}(0; \{19^4, 38^2\})$	1790118
39	$\mathcal{O}(0; \{13^4, 39^2\})$	459384
40	$\mathcal{O}(1; \{8^2, 10^2\})$	25600
40	$\mathcal{O}(1; \{5, 8, 10, 40\})$	76800
40	$\mathcal{O}(1; \{4, 8, 20, 40\})$	102400
40	$\mathcal{O}(1; \{5^2, 40^2\})$	332800
40	$\mathcal{O}(0; \{2, 5^3, 8^2, 10\})$	208
40	$\mathcal{O}(0; \{2^4, 8^2, 10^2\})$	16
40	$\mathcal{O}(0; \{2, 4^2, 8^2, 10^2\})$	64
40	$\mathcal{O}(0; \{2, 4, 5^2, 8^2, 20\})$	192
40	$\mathcal{O}(0; \{2^2, 8^2, 10, 20^2\})$	192
40	$\mathcal{O}(0; \{8^2, 20^4\})$	3328
40	$\mathcal{O}(0; \{2, 5^4, 8, 40\})$	816
40	$\mathcal{O}(0; \{2^4, 5, 8, 10, 40\})$	48
40	$\mathcal{O}(0; \{2, 4^2, 5, 8, 10, 40\})$	192

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{2^2, 8, 10^3, 40\})$	208
40	$\mathcal{O}(0; \{2^4, 4, 8, 20, 40\})$	64
40	$\mathcal{O}(0; \{2, 4^3, 8, 20, 40\})$	256
40	$\mathcal{O}(0; \{2^2, 8^3, 20, 40\})$	512
40	$\mathcal{O}(0; \{2^2, 5, 8, 20^2, 40\})$	832
40	$\mathcal{O}(0; \{8, 10^2, 20^2, 40\})$	3264
40	$\mathcal{O}(0; \{2^4, 5^2, 40^2\})$	208
40	$\mathcal{O}(0; \{2, 4^2, 5^2, 40^2\})$	832
40	$\mathcal{O}(0; \{2^2, 5, 10^2, 40^2\})$	816
40	$\mathcal{O}(0; \{10^4, 40^2\})$	3280
40	$\mathcal{O}(0; \{2^2, 4, 10, 20, 40^2\})$	832
40	$\mathcal{O}(0; \{8^2, 10, 20, 40^2\})$	6656
40	$\mathcal{O}(0; \{5, 10, 20^2, 40^2\})$	13120
40	$\mathcal{O}(0; \{4, 20^3, 40^2\})$	13056
40	$\mathcal{O}(0; \{2^2, 4, 8, 40^3\})$	1536
40	$\mathcal{O}(0; \{8^3, 40^3\})$	12288
40	$\mathcal{O}(0; \{5, 8, 20, 40^3\})$	26112
40	$\mathcal{O}(0; \{4, 10, 40^4\})$	26112
42	$\mathcal{O}(1; \{6^2, 7^2\})$	21168
42	$\mathcal{O}(1; \{3, 6, 14, 21\})$	21168
42	$\mathcal{O}(1; \{2, 21^2, 42\})$	105840
42	$\mathcal{O}(1; \{2, 14, 42^2\})$	105840
42	$\mathcal{O}(0; \{2^2, 3^4, 7^2\})$	36
42	$\mathcal{O}(0; \{2^3, 3^2, 6, 7^2\})$	12
42	$\mathcal{O}(0; \{2^4, 6^2, 7^2\})$	12
42	$\mathcal{O}(0; \{3^3, 6^2, 7^2\})$	60
42	$\mathcal{O}(0; \{2, 3, 6^3, 7^2\})$	36
42	$\mathcal{O}(0; \{3^4, 7, 14^2\})$	180
42	$\mathcal{O}(0; \{2, 3^2, 6, 7, 14^2\})$	60
42	$\mathcal{O}(0; \{2^2, 6^2, 7, 14^2\})$	60
42	$\mathcal{O}(0; \{6^2, 14^4\})$	372
42	$\mathcal{O}(0; \{2^3, 3^3, 14, 21\})$	36
42	$\mathcal{O}(0; \{2^4, 3, 6, 14, 21\})$	12
42	$\mathcal{O}(0; \{3^4, 6, 14, 21\})$	132
42	$\mathcal{O}(0; \{2, 3^2, 6^2, 14, 21\})$	60
42	$\mathcal{O}(0; \{2^2, 6^3, 14, 21\})$	36
42	$\mathcal{O}(0; \{6, 7^2, 14, 21^2\})$	2220
42	$\mathcal{O}(0; \{2^2, 3, 7, 21^3\})$	1116
42	$\mathcal{O}(0; \{6^2, 7, 21^3\})$	1860
42	$\mathcal{O}(0; \{3, 14^2, 21^3\})$	6660
42	$\mathcal{O}(0; \{2, 3^2, 7^3, 42\})$	372
42	$\mathcal{O}(0; \{2^2, 6, 7^3, 42\})$	372
42	$\mathcal{O}(0; \{6, 7^2, 14^2, 42\})$	2220

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{2^2, 3, 7, 14, 21, 42\})$	372
42	$\mathcal{O}(0; \{6^2, 7, 14, 21, 42\})$	1116
42	$\mathcal{O}(0; \{3, 14^3, 21, 42\})$	2220
42	$\mathcal{O}(0; \{2^5, 21^2, 42\})$	60
42	$\mathcal{O}(0; \{2, 3^3, 21^2, 42\})$	660
42	$\mathcal{O}(0; \{2^2, 3, 6, 21^2, 42\})$	300
42	$\mathcal{O}(0; \{6^3, 21^2, 42\})$	660
42	$\mathcal{O}(0; \{7^4, 42^2\})$	13332
42	$\mathcal{O}(0; \{2^5, 14, 42^2\})$	60
42	$\mathcal{O}(0; \{2, 3^3, 14, 42^2\})$	300
42	$\mathcal{O}(0; \{2^2, 3, 6, 14, 42^2\})$	180
42	$\mathcal{O}(0; \{6^3, 14, 42^2\})$	300
42	$\mathcal{O}(0; \{3, 7, 21^2, 42^2\})$	11100
42	$\mathcal{O}(0; \{3, 7, 14, 42^3\})$	6660
42	$\mathcal{O}(0; \{2^3, 21, 42^3\})$	1116
42	$\mathcal{O}(0; \{3, 6, 21, 42^3\})$	4092
42	$\mathcal{O}(0; \{2, 42^5\})$	11100
44	$\mathcal{O}(0; \{2^2, 4^2, 11^3\})$	180
44	$\mathcal{O}(0; \{4^2, 11^2, 22^2\})$	1820
44	$\mathcal{O}(0; \{2, 11^2, 22, 44^2\})$	18180
45	$\mathcal{O}(0; \{5^2, 9^4\})$	648
45	$\mathcal{O}(0; \{5^3, 9^2, 45\})$	936
45	$\mathcal{O}(0; \{3, 5, 9^2, 15, 45\})$	864
45	$\mathcal{O}(0; \{5^4, 45^2\})$	4920
45	$\mathcal{O}(0; \{3, 5^2, 15, 45^2\})$	4896
45	$\mathcal{O}(0; \{3^2, 15^2, 45^2\})$	4992
45	$\mathcal{O}(0; \{3^2, 9, 45^3\})$	7776
48	$\mathcal{O}(1; \{2^2, 48^2\})$	36864
48	$\mathcal{O}(0; \{2^2, 3^2, 4, 16^2\})$	32
48	$\mathcal{O}(0; \{3, 4, 6^2, 16^2\})$	32
48	$\mathcal{O}(0; \{3^2, 8^2, 16^2\})$	256
48	$\mathcal{O}(0; \{2^3, 3, 12, 16^2\})$	32
48	$\mathcal{O}(0; \{3, 4^2, 12, 16^2\})$	128
48	$\mathcal{O}(0; \{3^2, 6, 12, 16^2\})$	96
48	$\mathcal{O}(0; \{2, 6^2, 12, 16^2\})$	32
48	$\mathcal{O}(0; \{2, 4, 12^2, 16^2\})$	128
48	$\mathcal{O}(0; \{2, 3, 16^2, 24^2\})$	256
48	$\mathcal{O}(0; \{2^3, 3, 8, 16, 48\})$	64
48	$\mathcal{O}(0; \{3, 4^2, 8, 16, 48\})$	256
48	$\mathcal{O}(0; \{3^2, 6, 8, 16, 48\})$	192
48	$\mathcal{O}(0; \{2, 6^2, 8, 16, 48\})$	64
48	$\mathcal{O}(0; \{2, 4, 8, 12, 16, 48\})$	256
48	$\mathcal{O}(0; \{2, 3, 16^3, 48\})$	1024

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{3^2, 4, 16, 24, 48\})$	384
48	$\mathcal{O}(0; \{2, 4, 6, 16, 24, 48\})$	128
48	$\mathcal{O}(0; \{2, 3, 12, 16, 24, 48\})$	384
48	$\mathcal{O}(0; \{2^6, 48^2\})$	16
48	$\mathcal{O}(0; \{2^2, 3^3, 48^2\})$	80
48	$\mathcal{O}(0; \{2^3, 4^2, 48^2\})$	64
48	$\mathcal{O}(0; \{4^4, 48^2\})$	256
48	$\mathcal{O}(0; \{2^3, 3, 6, 48^2\})$	48
48	$\mathcal{O}(0; \{3, 4^2, 6, 48^2\})$	192
48	$\mathcal{O}(0; \{3^2, 6^2, 48^2\})$	176
48	$\mathcal{O}(0; \{2, 6^3, 48^2\})$	80
48	$\mathcal{O}(0; \{2, 4, 8^2, 48^2\})$	512
48	$\mathcal{O}(0; \{3^2, 4, 12, 48^2\})$	320
48	$\mathcal{O}(0; \{2, 4, 6, 12, 48^2\})$	192
48	$\mathcal{O}(0; \{2, 3, 12^2, 48^2\})$	320
48	$\mathcal{O}(0; \{2, 3, 8, 24, 48^2\})$	768
49	$\mathcal{O}(0; \{49^5\})$	2665110
50	$\mathcal{O}(1; \{10, 25, 50\})$	200000
50	$\mathcal{O}(0; \{2^2, 25^4\})$	6500
50	$\mathcal{O}(0; \{2, 5^3, 25, 50\})$	1280
50	$\mathcal{O}(0; \{2^4, 10, 25, 50\})$	80
50	$\mathcal{O}(0; \{25^3, 50^2\})$	127500
50	$\mathcal{O}(0; \{2^2, 10, 50^3\})$	1200
51	$\mathcal{O}(0; \{17^3, 51^2\})$	123360
52	$\mathcal{O}(0; \{13^3, 52^2\})$	38280
54	$\mathcal{O}(1; \{3, 54^2\})$	104976
54	$\mathcal{O}(0; \{6, 9, 27^2, 54\})$	1944
54	$\mathcal{O}(0; \{2^4, 3, 54^2\})$	36
54	$\mathcal{O}(0; \{3^4, 54^2\})$	288
54	$\mathcal{O}(0; \{2, 3^2, 6, 54^2\})$	144
54	$\mathcal{O}(0; \{2^2, 6^2, 54^2\})$	72
54	$\mathcal{O}(0; \{9^3, 54^2\})$	3888
54	$\mathcal{O}(0; \{6, 9, 18, 54^2\})$	1296
55	$\mathcal{O}(0; \{5, 11^2, 55^2\})$	10920
56	$\mathcal{O}(0; \{2^2, 7, 8^2, 14\})$	24
56	$\mathcal{O}(0; \{8^2, 14^3\})$	120
56	$\mathcal{O}(0; \{7, 8^2, 28^2\})$	480
56	$\mathcal{O}(0; \{2^2, 4, 8, 14, 56\})$	48
56	$\mathcal{O}(0; \{8^3, 14, 56\})$	384
56	$\mathcal{O}(0; \{7^2, 8, 28, 56\})$	1488
56	$\mathcal{O}(0; \{4, 8, 28^2, 56\})$	960
56	$\mathcal{O}(0; \{7^3, 56^2\})$	4440
56	$\mathcal{O}(0; \{4, 7, 28, 56^2\})$	2976

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
57	$\mathcal{O}(0; \{3, 19^3, 57\})$	11052
58	$\mathcal{O}(1; \{2, 29, 58\})$	94192
58	$\mathcal{O}(0; \{2^5, 29, 58\})$	28
58	$\mathcal{O}(0; \{2^3, 58^3\})$	756
60	$\mathcal{O}(0; \{5, 6, 10, 12^2\})$	16
60	$\mathcal{O}(0; \{5^2, 12^2, 15\})$	48
60	$\mathcal{O}(0; \{2^2, 4^2, 15^2\})$	16
60	$\mathcal{O}(0; \{4, 6, 12, 15^2\})$	48
60	$\mathcal{O}(0; \{3, 12^2, 15^2\})$	80
60	$\mathcal{O}(0; \{4, 6, 10, 15, 20\})$	48
60	$\mathcal{O}(0; \{3, 10, 12, 15, 20\})$	48
60	$\mathcal{O}(0; \{4, 5, 15^2, 20\})$	208
60	$\mathcal{O}(0; \{5, 6^2, 20^2\})$	48
60	$\mathcal{O}(0; \{4, 6, 10, 12, 30\})$	16
60	$\mathcal{O}(0; \{3, 10, 12^2, 30\})$	48
60	$\mathcal{O}(0; \{4, 5, 12, 15, 30\})$	48
60	$\mathcal{O}(0; \{3, 6, 20^2, 30\})$	48
60	$\mathcal{O}(0; \{4^2, 15, 30^2\})$	48
60	$\mathcal{O}(0; \{2, 3^2, 4, 5, 60\})$	16
60	$\mathcal{O}(0; \{2^2, 4, 5, 6, 60\})$	16
60	$\mathcal{O}(0; \{4, 6, 10^2, 60\})$	48
60	$\mathcal{O}(0; \{2^2, 3, 5, 12, 60\})$	16
60	$\mathcal{O}(0; \{5, 6^2, 12, 60\})$	48
60	$\mathcal{O}(0; \{3, 10^2, 12, 60\})$	48
60	$\mathcal{O}(0; \{4, 5, 12^2, 60\})$	64
60	$\mathcal{O}(0; \{4, 5, 10, 15, 60\})$	208
60	$\mathcal{O}(0; \{5^2, 6, 20, 60\})$	208
60	$\mathcal{O}(0; \{2^3, 15, 20, 60\})$	48
60	$\mathcal{O}(0; \{4^2, 15, 20, 60\})$	192
60	$\mathcal{O}(0; \{3, 6, 15, 20, 60\})$	144
60	$\mathcal{O}(0; \{2^2, 3, 4, 30, 60\})$	16
60	$\mathcal{O}(0; \{4, 6^2, 30, 60\})$	48
60	$\mathcal{O}(0; \{2^3, 12, 30, 60\})$	16
60	$\mathcal{O}(0; \{4^2, 12, 30, 60\})$	64
60	$\mathcal{O}(0; \{3, 6, 12, 30, 60\})$	80
60	$\mathcal{O}(0; \{3, 5, 20, 30, 60\})$	208
60	$\mathcal{O}(0; \{2, 20, 30^2, 60\})$	208
60	$\mathcal{O}(0; \{5^3, 60^2\})$	816
60	$\mathcal{O}(0; \{2^3, 10, 60^2\})$	48
60	$\mathcal{O}(0; \{4^2, 10, 60^2\})$	192
60	$\mathcal{O}(0; \{3, 6, 10, 60^2\})$	144
60	$\mathcal{O}(0; \{3, 5, 15, 60^2\})$	624
60	$\mathcal{O}(0; \{2, 20^2, 60^2\})$	832

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{2, 15, 30, 60^2\})$	624
60	$\mathcal{O}(0; \{3, 4, 60^3\})$	576
60	$\mathcal{O}(0; \{2, 12, 60^3\})$	576
63	$\mathcal{O}(0; \{3, 7, 9^2, 21\})$	144
63	$\mathcal{O}(0; \{3, 7^2, 9, 63\})$	360
63	$\mathcal{O}(0; \{3^2, 21, 63^2\})$	1440
64	$\mathcal{O}(0; \{2^3, 4, 64^2\})$	64
64	$\mathcal{O}(0; \{4^3, 64^2\})$	256
64	$\mathcal{O}(0; \{2, 8^2, 64^2\})$	512
66	$\mathcal{O}(0; \{2^2, 3^2, 11^2\})$	20
66	$\mathcal{O}(0; \{3, 6^2, 11^2\})$	20
66	$\mathcal{O}(0; \{3^2, 11, 22^2\})$	180
70	$\mathcal{O}(0; \{2, 5, 7, 10, 35\})$	72
71	$\mathcal{O}(2; \emptyset)$	25411680
72	$\mathcal{O}(1; \{72^2\})$	124416
72	$\mathcal{O}(0; \{2, 3, 8, 18, 72\})$	48
72	$\mathcal{O}(0; \{2^4, 72^2\})$	24
72	$\mathcal{O}(0; \{3^3, 72^2\})$	192
72	$\mathcal{O}(0; \{2, 4^2, 72^2\})$	96
72	$\mathcal{O}(0; \{2, 3, 6, 72^2\})$	96
73	$\mathcal{O}(0; \{73^4\})$	368136
74	$\mathcal{O}(0; \{2^2, 37^3\})$	1260
74	$\mathcal{O}(0; \{37^2, 74^2\})$	45396
75	$\mathcal{O}(0; \{25^2, 75^2\})$	13000
75	$\mathcal{O}(0; \{15, 75^3\})$	7200
76	$\mathcal{O}(0; \{19^2, 76^2\})$	11052
78	$\mathcal{O}(0; \{13^2, 78^2\})$	3192
80	$\mathcal{O}(0; \{16^2, 20^2\})$	128
80	$\mathcal{O}(0; \{10, 16, 20, 80\})$	192
80	$\mathcal{O}(0; \{8, 16, 40, 80\})$	512
80	$\mathcal{O}(0; \{2^2, 5, 80^2\})$	96
80	$\mathcal{O}(0; \{10^2, 80^2\})$	416
81	$\mathcal{O}(0; \{9^2, 81^2\})$	1944
84	$\mathcal{O}(0; \{12^2, 14^2\})$	24
84	$\mathcal{O}(0; \{7, 12, 21, 28\})$	120
84	$\mathcal{O}(0; \{6, 12, 28, 42\})$	24
84	$\mathcal{O}(0; \{7, 12, 14, 84\})$	120
84	$\mathcal{O}(0; \{2^2, 4, 21, 84\})$	24
84	$\mathcal{O}(0; \{6, 12, 21, 84\})$	72
84	$\mathcal{O}(0; \{4, 42^2, 84\})$	120
84	$\mathcal{O}(0; \{7^2, 84^2\})$	744
84	$\mathcal{O}(0; \{4, 28, 84^2\})$	480
85	$\mathcal{O}(0; \{5, 17^2, 85\})$	960

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
87	$\mathcal{O}(0; \{3, 87^3\})$	4536
88	$\mathcal{O}(0; \{8^2, 11, 22\})$	40
90	$\mathcal{O}(0; \{9^2, 10^2\})$	24
90	$\mathcal{O}(0; \{5, 9, 10, 90\})$	72
90	$\mathcal{O}(0; \{3, 18, 45, 90\})$	144
90	$\mathcal{O}(0; \{5^2, 90^2\})$	312
90	$\mathcal{O}(0; \{3, 15, 90^2\})$	288
91	$\mathcal{O}(0; \{7^2, 13^2\})$	72
95	$\mathcal{O}(0; \{5^2, 19^2\})$	72
96	$\mathcal{O}(0; \{2^3, 96^2\})$	32
96	$\mathcal{O}(0; \{4^2, 96^2\})$	128
96	$\mathcal{O}(0; \{3, 6, 96^2\})$	96
98	$\mathcal{O}(0; \{2, 49^2, 98\})$	1470
100	$\mathcal{O}(0; \{4^2, 25^2\})$	40
100	$\mathcal{O}(0; \{2, 20, 50, 100\})$	160
108	$\mathcal{O}(0; \{3^2, 108^2\})$	144
108	$\mathcal{O}(0; \{2, 6, 108^2\})$	72
110	$\mathcal{O}(0; \{2, 10, 11, 55\})$	40
111	$\mathcal{O}(0; \{3^2, 37^2\})$	72
116	$\mathcal{O}(0; \{2, 4, 58, 116\})$	56
142	$\mathcal{O}(1; \{2^2\})$	20160
144	$\mathcal{O}(0; \{2^2, 144^2\})$	48
145	$\mathcal{O}(0; \{145^3\})$	9072
146	$\mathcal{O}(0; \{2^2, 73^2\})$	72
146	$\mathcal{O}(0; \{73, 146^2\})$	5112
147	$\mathcal{O}(0; \{49, 147^2\})$	2940
148	$\mathcal{O}(0; \{37, 148^2\})$	2520
150	$\mathcal{O}(0; \{30, 75, 150\})$	160
150	$\mathcal{O}(0; \{25, 150^2\})$	600
152	$\mathcal{O}(0; \{19, 152^2\})$	1224
153	$\mathcal{O}(0; \{17, 153^2\})$	1440
156	$\mathcal{O}(0; \{13, 156^2\})$	528
160	$\mathcal{O}(0; \{10, 160^2\})$	192
162	$\mathcal{O}(0; \{9, 162^2\})$	324
168	$\mathcal{O}(0; \{8, 42, 168\})$	48
168	$\mathcal{O}(0; \{7, 168^2\})$	240
170	$\mathcal{O}(0; \{10, 17, 170\})$	64
171	$\mathcal{O}(0; \{9, 19, 171\})$	108
174	$\mathcal{O}(0; \{6, 87, 174\})$	56
175	$\mathcal{O}(0; \{7, 25, 175\})$	120
180	$\mathcal{O}(0; \{5, 180^2\})$	144
185	$\mathcal{O}(0; \{5, 37, 185\})$	144
192	$\mathcal{O}(0; \{4, 192^2\})$	128

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
196	$\mathcal{O}(0; \{4, 49, 196\})$	84
216	$\mathcal{O}(0; \{3, 216^2\})$	144
219	$\mathcal{O}(0; \{3, 73, 219\})$	144
288	$\mathcal{O}(0; \{2, 288^2\})$	96
290	$\mathcal{O}(0; \{2, 145, 290\})$	112

Table 3: 73-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(73; \emptyset)$	1
2	$\mathcal{O}(37; \emptyset)$	18889465931478580854783
2	$\mathcal{O}(36; \{2^4\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^8\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{12}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{16}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{20}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{24}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{28}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{32}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{36}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{40}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{44}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{48}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{52}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{56}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{60}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{64}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{68}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{72}\})$	274877906944
2	$\mathcal{O}(18; \{2^{76}\})$	68719476736
2	$\mathcal{O}(17; \{2^{80}\})$	17179869184
2	$\mathcal{O}(16; \{2^{84}\})$	4294967296
2	$\mathcal{O}(15; \{2^{88}\})$	1073741824
2	$\mathcal{O}(14; \{2^{92}\})$	268435456
2	$\mathcal{O}(13; \{2^{96}\})$	67108864
2	$\mathcal{O}(12; \{2^{100}\})$	16777216
2	$\mathcal{O}(11; \{2^{104}\})$	4194304
2	$\mathcal{O}(10; \{2^{108}\})$	1048576
2	$\mathcal{O}(9; \{2^{112}\})$	262144
2	$\mathcal{O}(8; \{2^{116}\})$	65536

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(7; \{2^{120}\})$	16384
2	$\mathcal{O}(6; \{2^{124}\})$	4096
2	$\mathcal{O}(5; \{2^{128}\})$	1024
2	$\mathcal{O}(4; \{2^{132}\})$	256
2	$\mathcal{O}(3; \{2^{136}\})$	64
2	$\mathcal{O}(2; \{2^{140}\})$	16
2	$\mathcal{O}(1; \{2^{144}\})$	4
2	$\mathcal{O}(0; \{2^{148}\})$	1
3	$\mathcal{O}(25; \emptyset)$	717897987691852588770248
3	$\mathcal{O}(24; \{3^3\})$	159532886153745019726722
3	$\mathcal{O}(23; \{3^6\})$	194984638632355024110438
3	$\mathcal{O}(22; \{3^9\})$	167411053371213909589770
3	$\mathcal{O}(21; \{3^{12}\})$	149466339153645882679494
3	$\mathcal{O}(20; \{3^{15}\})$	132786022143819776364522
3	$\mathcal{O}(19; \{3^{18}\})$	118040124793701394720998
3	$\mathcal{O}(18; \{3^{21}\})$	104923654804367235535050
3	$\mathcal{O}(17; \{3^{24}\})$	93265571000305518475014
3	$\mathcal{O}(16; \{3^{27}\})$	82902718659928216644522
3	$\mathcal{O}(15; \{3^{30}\})$	73691306710838540696358
3	$\mathcal{O}(14; \{3^{33}\})$	65503383605706837000330
3	$\mathcal{O}(13; \{3^{36}\})$	58225229886990605636934
3	$\mathcal{O}(12; \{3^{39}\})$	51755759897852627791722
3	$\mathcal{O}(11; \{3^{42}\})$	46005119909390622172518
3	$\mathcal{O}(10; \{3^{45}\})$	40893439919437410113610
3	$\mathcal{O}(9; \{3^{48}\})$	36349724372835577957254
3	$\mathcal{O}(8; \{3^{51}\})$	32310866109186922126122
3	$\mathcal{O}(7; \{3^{54}\})$	28720769874832848365478
3	$\mathcal{O}(6; \{3^{57}\})$	25529573222073639802890
3	$\mathcal{O}(5; \{3^{60}\})$	22692953975176569067974
3	$\mathcal{O}(4; \{3^{63}\})$	20171514644601394687722
3	$\mathcal{O}(3; \{3^{66}\})$	17930235239645684171238
3	$\mathcal{O}(2; \{3^{69}\})$	15937986879685052596170
3	$\mathcal{O}(1; \{3^{72}\})$	14167099448608935641094
3	$\mathcal{O}(0; \{3^{75}\})$	12592977287652387236522
4	$\mathcal{O}(19; \emptyset)$	75557863725639445512192
4	$\mathcal{O}(18; \{2^4\})$	4722366482800925736960
4	$\mathcal{O}(18; \{2, 4^2\})$	9444732965739290427392
4	$\mathcal{O}(17; \{2^8\})$	295147905162172956672
4	$\mathcal{O}(17; \{2^5, 4^2\})$	590295810358705651712
4	$\mathcal{O}(17; \{2^2, 4^4\})$	2361183241434822606848
4	$\mathcal{O}(16; \{2^{12}\})$	18446744069414584320
4	$\mathcal{O}(16; \{2^9, 4^2\})$	36893488147419103232
4	$\mathcal{O}(16; \{2^6, 4^4\})$	147573952589676412928

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(16; \{2^3, 4^6\})$	590295810358705651712
4	$\mathcal{O}(16; \{4^8\})$	2361183241434822606848
4	$\mathcal{O}(15; \{2^{16}\})$	1152921503533105152
4	$\mathcal{O}(15; \{2^{13}, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2^{10}, 4^4\})$	9223372036854775808
4	$\mathcal{O}(15; \{2^7, 4^6\})$	36893488147419103232
4	$\mathcal{O}(15; \{2^4, 4^8\})$	147573952589676412928
4	$\mathcal{O}(15; \{2, 4^{10}\})$	590295810358705651712
4	$\mathcal{O}(14; \{2^{20}\})$	72057593769492480
4	$\mathcal{O}(14; \{2^{17}, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^{14}, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^{11}, 4^6\})$	2305843009213693952
4	$\mathcal{O}(14; \{2^8, 4^8\})$	9223372036854775808
4	$\mathcal{O}(14; \{2^5, 4^{10}\})$	36893488147419103232
4	$\mathcal{O}(14; \{2^2, 4^{12}\})$	147573952589676412928
4	$\mathcal{O}(13; \{2^{24}\})$	4503599560261632
4	$\mathcal{O}(13; \{2^{21}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^{18}, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^{15}, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^{12}, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{2^9, 4^{10}\})$	2305843009213693952
4	$\mathcal{O}(13; \{2^6, 4^{12}\})$	9223372036854775808
4	$\mathcal{O}(13; \{2^3, 4^{14}\})$	36893488147419103232
4	$\mathcal{O}(13; \{4^{16}\})$	147573952589676412928
4	$\mathcal{O}(12; \{2^{28}\})$	281474959933440
4	$\mathcal{O}(12; \{2^{25}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{22}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{19}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^{16}, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^{13}, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2^{10}, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(12; \{2^7, 4^{14}\})$	2305843009213693952
4	$\mathcal{O}(12; \{2^4, 4^{16}\})$	9223372036854775808
4	$\mathcal{O}(12; \{2, 4^{18}\})$	36893488147419103232
4	$\mathcal{O}(11; \{2^{32}\})$	17592181850112
4	$\mathcal{O}(11; \{2^{29}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{26}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{23}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{20}, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^{17}, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^{14}, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(11; \{2^{11}, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(11; \{2^8, 4^{16}\})$	576460752303423488

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(11; \{2^5, 4^{18}\})$	2305843009213693952
4	$\mathcal{O}(11; \{2^2, 4^{20}\})$	9223372036854775808
4	$\mathcal{O}(10; \{2^{36}\})$	1099510579200
4	$\mathcal{O}(10; \{2^{33}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{30}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{27}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{24}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^{21}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^{18}, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^{15}, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^{12}, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(10; \{2^9, 4^{18}\})$	144115188075855872
4	$\mathcal{O}(10; \{2^6, 4^{20}\})$	576460752303423488
4	$\mathcal{O}(10; \{2^3, 4^{22}\})$	2305843009213693952
4	$\mathcal{O}(10; \{4^{24}\})$	9223372036854775808
4	$\mathcal{O}(9; \{2^{40}\})$	68719214592
4	$\mathcal{O}(9; \{2^{37}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{34}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{31}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{28}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{25}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{22}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^{19}, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^{16}, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^{13}, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(9; \{2^{10}, 4^{20}\})$	36028797018963968
4	$\mathcal{O}(9; \{2^7, 4^{22}\})$	144115188075855872
4	$\mathcal{O}(9; \{2^4, 4^{24}\})$	576460752303423488
4	$\mathcal{O}(9; \{2, 4^{26}\})$	2305843009213693952
4	$\mathcal{O}(8; \{2^{44}\})$	4294901760
4	$\mathcal{O}(8; \{2^{41}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{38}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{35}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{32}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{29}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{26}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{23}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^{20}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^{17}, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^{14}, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^{11}, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(8; \{2^8, 4^{24}\})$	36028797018963968
4	$\mathcal{O}(8; \{2^5, 4^{26}\})$	144115188075855872

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(8; \{2^2, 4^{28}\})$	576460752303423488
4	$\mathcal{O}(7; \{2^{48}\})$	268419072
4	$\mathcal{O}(7; \{2^{45}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{42}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{39}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{36}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{33}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{30}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{27}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{24}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{21}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^{18}, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^{15}, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^{12}, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(7; \{2^9, 4^{26}\})$	9007199254740992
4	$\mathcal{O}(7; \{2^6, 4^{28}\})$	36028797018963968
4	$\mathcal{O}(7; \{2^3, 4^{30}\})$	144115188075855872
4	$\mathcal{O}(7; \{4^{32}\})$	576460752303423488
4	$\mathcal{O}(6; \{2^{52}\})$	16773120
4	$\mathcal{O}(6; \{2^{49}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{46}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{43}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{40}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{37}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{34}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{31}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{28}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{25}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{22}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{19}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^{16}, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^{13}, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2^{10}, 4^{28}\})$	2251799813685248
4	$\mathcal{O}(6; \{2^7, 4^{30}\})$	9007199254740992
4	$\mathcal{O}(6; \{2^4, 4^{32}\})$	36028797018963968
4	$\mathcal{O}(6; \{2, 4^{34}\})$	144115188075855872
4	$\mathcal{O}(5; \{2^{56}\})$	1047552
4	$\mathcal{O}(5; \{2^{53}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{50}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{47}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{44}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{41}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{38}, 4^{12}\})$	2147483648

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(5; \{2^{35}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{32}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{29}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{26}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{23}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{20}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^{17}, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^{14}, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2^{11}, 4^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{2^8, 4^{32}\})$	2251799813685248
4	$\mathcal{O}(5; \{2^5, 4^{34}\})$	9007199254740992
4	$\mathcal{O}(5; \{2^2, 4^{36}\})$	36028797018963968
4	$\mathcal{O}(4; \{2^{60}\})$	65280
4	$\mathcal{O}(4; \{2^{57}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{54}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{51}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{48}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{45}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{42}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{39}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{36}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{33}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{30}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{27}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{24}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{21}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^{18}, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^{15}, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^{12}, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{2^9, 4^{34}\})$	562949953421312
4	$\mathcal{O}(4; \{2^6, 4^{36}\})$	2251799813685248
4	$\mathcal{O}(4; \{2^3, 4^{38}\})$	9007199254740992
4	$\mathcal{O}(4; \{4^{40}\})$	36028797018963968
4	$\mathcal{O}(3; \{2^{64}\})$	4032
4	$\mathcal{O}(3; \{2^{61}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{58}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{55}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{52}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{49}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{46}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{43}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{40}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{37}, 4^{18}\})$	536870912

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{2^{34}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{31}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{28}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{25}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{22}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{19}, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^{16}, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^{13}, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{2^{10}, 4^{36}\})$	140737488355328
4	$\mathcal{O}(3; \{2^7, 4^{38}\})$	562949953421312
4	$\mathcal{O}(3; \{2^4, 4^{40}\})$	2251799813685248
4	$\mathcal{O}(3; \{2, 4^{42}\})$	9007199254740992
4	$\mathcal{O}(2; \{2^{68}\})$	240
4	$\mathcal{O}(2; \{2^{65}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{62}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{59}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{56}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{53}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{50}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{47}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{44}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{41}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{38}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{35}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{32}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{29}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{26}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{23}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{20}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^{17}, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^{14}, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^{11}, 4^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{2^8, 4^{40}\})$	140737488355328
4	$\mathcal{O}(2; \{2^5, 4^{42}\})$	562949953421312
4	$\mathcal{O}(2; \{2^2, 4^{44}\})$	2251799813685248
4	$\mathcal{O}(1; \{2^{72}\})$	12
4	$\mathcal{O}(1; \{2^{69}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{66}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{63}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{60}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{57}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{54}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{51}, 4^{14}\})$	131072

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{2^{48}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{45}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{42}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{39}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{36}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{33}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{30}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{27}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{24}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{21}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^{18}, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^{15}, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^{12}, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{2^9, 4^{42}\})$	35184372088832
4	$\mathcal{O}(1; \{2^6, 4^{44}\})$	140737488355328
4	$\mathcal{O}(1; \{2^3, 4^{46}\})$	562949953421312
4	$\mathcal{O}(1; \{4^{48}\})$	2251799813685248
4	$\mathcal{O}(0; \{2^{73}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{70}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{67}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{64}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{61}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{58}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{55}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{52}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{49}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{46}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{43}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{40}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{37}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{34}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{31}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{28}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{25}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{22}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{19}, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^{16}, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^{13}, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2^{10}, 4^{44}\})$	8796093022208
4	$\mathcal{O}(0; \{2^7, 4^{46}\})$	35184372088832
4	$\mathcal{O}(0; \{2^4, 4^{48}\})$	140737488355328
4	$\mathcal{O}(0; \{2, 4^{50}\})$	562949953421312
5	$\mathcal{O}(13; \{5^6\})$	1221895217895507812500

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
5	$\mathcal{O}(11; \{5^{11}\})$	1999998092651367187500
5	$\mathcal{O}(9; \{5^{16}\})$	3276800003051757812500
5	$\mathcal{O}(7; \{5^{21}\})$	5368709119995117187500
5	$\mathcal{O}(5; \{5^{26}\})$	8796093022208007812500
5	$\mathcal{O}(3; \{5^{31}\})$	14411518807585587187500
5	$\mathcal{O}(1; \{5^{36}\})$	23611832414348226068500
6	$\mathcal{O}(13; \emptyset)$	170581725637645271064
6	$\mathcal{O}(12; \{2^4\})$	4738381338304839680
6	$\mathcal{O}(12; \{3^3\})$	9476762111784160830
6	$\mathcal{O}(12; \{2, 3, 6\})$	9476762676643233792
6	$\mathcal{O}(11; \{2^8\})$	131621703838072832
6	$\mathcal{O}(11; \{2^4, 3^3\})$	263243407684534272
6	$\mathcal{O}(11; \{3^6\})$	2895676794146565594
6	$\mathcal{O}(11; \{2^5, 3, 6\})$	263243407684534272
6	$\mathcal{O}(11; \{2, 3^4, 6\})$	1316217038422671360
6	$\mathcal{O}(11; \{2^2, 3^2, 6^2\})$	789730223053602816
6	$\mathcal{O}(11; \{2^3, 6^3\})$	263243407684534272
6	$\mathcal{O}(11; \{3, 6^4\})$	1316217038422671360
6	$\mathcal{O}(10; \{2^{12}\})$	3656158439014400
6	$\mathcal{O}(10; \{2^8, 3^3\})$	7312316880125952
6	$\mathcal{O}(10; \{2^4, 3^6\})$	80435485681385472
6	$\mathcal{O}(10; \{3^9\})$	621546342057357750
6	$\mathcal{O}(10; \{2^9, 3, 6\})$	7312316880125952
6	$\mathcal{O}(10; \{2^5, 3^4, 6\})$	36561584400629760
6	$\mathcal{O}(10; \{2, 3^7, 6\})$	314429625845415936
6	$\mathcal{O}(10; \{2^6, 3^2, 6^2\})$	21936950640377856
6	$\mathcal{O}(10; \{2^2, 3^5, 6^2\})$	153558654482644992
6	$\mathcal{O}(10; \{2^7, 6^3\})$	7312316880125952
6	$\mathcal{O}(10; \{2^3, 3^3, 6^3\})$	80435485681385472
6	$\mathcal{O}(10; \{2^4, 3, 6^4\})$	36561584400629760
6	$\mathcal{O}(10; \{3^4, 6^4\})$	314429625845415936
6	$\mathcal{O}(10; \{2, 3^2, 6^5\})$	153558654482644992
6	$\mathcal{O}(10; \{2^2, 6^6\})$	80435485681385472
6	$\mathcal{O}(9; \{2^{16}\})$	101559956406272
6	$\mathcal{O}(9; \{2^{12}, 3^3\})$	203119913336832
6	$\mathcal{O}(9; \{2^8, 3^6\})$	2234319046705152
6	$\mathcal{O}(9; \{2^4, 3^9\})$	17265192633630720
6	$\mathcal{O}(9; \{3^{12}\})$	138730371592668282
6	$\mathcal{O}(9; \{2^{13}, 3, 6\})$	203119913336832
6	$\mathcal{O}(9; \{2^9, 3^4, 6\})$	1015599566684160
6	$\mathcal{O}(9; \{2^5, 3^7, 6\})$	8734156273483776
6	$\mathcal{O}(9; \{2, 3^{10}, 6\})$	69263890447859712
6	$\mathcal{O}(9; \{2^{10}, 3^2, 6^2\})$	609359740010496

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{2^6, 3^5, 6^2\})$	4265518180073472
6	$\mathcal{O}(9; \{2^2, 3^8, 6^2\})$	34733505180598272
6	$\mathcal{O}(9; \{2^{11}, 6^3\})$	203119913336832
6	$\mathcal{O}(9; \{2^7, 3^3, 6^3\})$	2234319046705152
6	$\mathcal{O}(9; \{2^3, 3^6, 6^3\})$	17265192633630720
6	$\mathcal{O}(9; \{2^8, 3, 6^4\})$	1015599566684160
6	$\mathcal{O}(9; \{2^4, 3^4, 6^4\})$	8734156273483776
6	$\mathcal{O}(9; \{3^7, 6^4\})$	69263890447859712
6	$\mathcal{O}(9; \{2^5, 3^2, 6^5\})$	4265518180073472
6	$\mathcal{O}(9; \{2, 3^5, 6^5\})$	34733505180598272
6	$\mathcal{O}(9; \{2^6, 6^6\})$	2234319046705152
6	$\mathcal{O}(9; \{2^2, 3^3, 6^6\})$	17265192633630720
6	$\mathcal{O}(9; \{2^3, 3, 6^7\})$	8734156273483776
6	$\mathcal{O}(9; \{3^2, 6^8\})$	34733505180598272
6	$\mathcal{O}(9; \{2, 6^9\})$	17265192633630720
6	$\mathcal{O}(8; \{2^{20}\})$	2821109841920
6	$\mathcal{O}(8; \{2^{16}, 3^3\})$	5642219814912
6	$\mathcal{O}(8; \{2^{12}, 3^6\})$	62064417964032
6	$\mathcal{O}(8; \{2^8, 3^9\})$	479588684267520
6	$\mathcal{O}(8; \{2^4, 3^{12}\})$	3853636133584896
6	$\mathcal{O}(8; \{3^{15}\})$	30811692252947670
6	$\mathcal{O}(8; \{2^{17}, 3, 6\})$	5642219814912
6	$\mathcal{O}(8; \{2^{13}, 3^4, 6\})$	28211099074560
6	$\mathcal{O}(8; \{2^9, 3^7, 6\})$	242615452041216
6	$\mathcal{O}(8; \{2^5, 3^{10}, 6\})$	1923996956884992
6	$\mathcal{O}(8; \{2, 3^{13}, 6\})$	15408902314524672
6	$\mathcal{O}(8; \{2^{14}, 3^2, 6^2\})$	16926659444736
6	$\mathcal{O}(8; \{2^{10}, 3^5, 6^2\})$	118486616113152
6	$\mathcal{O}(8; \{2^6, 3^8, 6^2\})$	964819588349952
6	$\mathcal{O}(8; \{2^2, 3^{11}, 6^2\})$	7701630047354880
6	$\mathcal{O}(8; \{2^{15}, 6^3\})$	5642219814912
6	$\mathcal{O}(8; \{2^{11}, 3^3, 6^3\})$	62064417964032
6	$\mathcal{O}(8; \{2^7, 3^6, 6^3\})$	479588684267520
6	$\mathcal{O}(8; \{2^3, 3^9, 6^3\})$	3853636133584896
6	$\mathcal{O}(8; \{2^{12}, 3, 6^4\})$	28211099074560
6	$\mathcal{O}(8; \{2^8, 3^4, 6^4\})$	242615452041216
6	$\mathcal{O}(8; \{2^4, 3^7, 6^4\})$	1923996956884992
6	$\mathcal{O}(8; \{3^{10}, 6^4\})$	15408902314524672
6	$\mathcal{O}(8; \{2^9, 3^2, 6^5\})$	118486616113152
6	$\mathcal{O}(8; \{2^5, 3^5, 6^5\})$	964819588349952
6	$\mathcal{O}(8; \{2, 3^8, 6^5\})$	7701630047354880
6	$\mathcal{O}(8; \{2^{10}, 6^6\})$	62064417964032
6	$\mathcal{O}(8; \{2^6, 3^3, 6^6\})$	479588684267520

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{2^2, 3^5, 6^6\})$	3853636133584896
6	$\mathcal{O}(8; \{2^7, 3, 6^7\})$	242615452041216
6	$\mathcal{O}(8; \{2^3, 3^4, 6^7\})$	1923996956884992
6	$\mathcal{O}(8; \{2^4, 3^2, 6^8\})$	964819588349952
6	$\mathcal{O}(8; \{3^5, 6^8\})$	7701630047354880
6	$\mathcal{O}(8; \{2^5, 6^9\})$	479588684267520
6	$\mathcal{O}(8; \{2, 3^3, 6^9\})$	3853636133584896
6	$\mathcal{O}(8; \{2^2, 3, 6^{10}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^{12}\})$	3853636133584896
6	$\mathcal{O}(7; \{2^{24}\})$	78364147712
6	$\mathcal{O}(7; \{2^{20}, 3^3\})$	156728328192
6	$\mathcal{O}(7; \{2^{16}, 3^6\})$	1724011610112
6	$\mathcal{O}(7; \{2^{12}, 3^9\})$	13321907896320
6	$\mathcal{O}(7; \{2^8, 3^{12}\})$	107045448155136
6	$\mathcal{O}(7; \{2^4, 3^{15}\})$	855893400256512
6	$\mathcal{O}(7; \{3^{18}\})$	6847199441639514
6	$\mathcal{O}(7; \{2^{21}, 3, 6\})$	156728328192
6	$\mathcal{O}(7; \{2^{17}, 3^4, 6\})$	783641640960
6	$\mathcal{O}(7; \{2^{13}, 3^7, 6\})$	6739318112256
6	$\mathcal{O}(7; \{2^9, 3^{10}, 6\})$	53444359913472
6	$\mathcal{O}(7; \{2^5, 3^{13}, 6\})$	428025064292352
6	$\mathcal{O}(7; \{2, 3^{16}, 6\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{18}, 3^2, 6^2\})$	470184984576
6	$\mathcal{O}(7; \{2^{14}, 3^5, 6^2\})$	3291294892032
6	$\mathcal{O}(7; \{2^{10}, 3^8, 6^2\})$	26800544120832
6	$\mathcal{O}(7; \{2^6, 3^{11}, 6^2\})$	213934167982080
6	$\mathcal{O}(7; \{2^2, 3^{14}, 6^2\})$	1711943528841216
6	$\mathcal{O}(7; \{2^{19}, 6^3\})$	156728328192
6	$\mathcal{O}(7; \{2^{15}, 3^3, 6^3\})$	1724011610112
6	$\mathcal{O}(7; \{2^{11}, 3^6, 6^3\})$	13321907896320
6	$\mathcal{O}(7; \{2^7, 3^9, 6^3\})$	107045448155136
6	$\mathcal{O}(7; \{2^3, 3^{12}, 6^3\})$	855893400256512
6	$\mathcal{O}(7; \{2^{16}, 3, 6^4\})$	783641640960
6	$\mathcal{O}(7; \{2^{12}, 3^4, 6^4\})$	6739318112256
6	$\mathcal{O}(7; \{2^8, 3^7, 6^4\})$	53444359913472
6	$\mathcal{O}(7; \{2^4, 3^{10}, 6^4\})$	428025064292352
6	$\mathcal{O}(7; \{3^{13}, 6^4\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{13}, 3^2, 6^5\})$	3291294892032
6	$\mathcal{O}(7; \{2^9, 3^5, 6^5\})$	26800544120832
6	$\mathcal{O}(7; \{2^5, 3^8, 6^5\})$	213934167982080
6	$\mathcal{O}(7; \{2, 3^{11}, 6^5\})$	1711943528841216
6	$\mathcal{O}(7; \{2^{14}, 6^6\})$	1724011610112
6	$\mathcal{O}(7; \{2^{10}, 3^3, 6^6\})$	13321907896320

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{2^6, 3^6, 6^6\})$	107045448155136
6	$\mathcal{O}(7; \{2^2, 3^9, 6^6\})$	855893400256512
6	$\mathcal{O}(7; \{2^{11}, 3, 6^7\})$	6739318112256
6	$\mathcal{O}(7; \{2^7, 3^4, 6^7\})$	53444359913472
6	$\mathcal{O}(7; \{2^3, 3^7, 6^7\})$	428025064292352
6	$\mathcal{O}(7; \{2^8, 3^2, 6^8\})$	26800544120832
6	$\mathcal{O}(7; \{2^4, 3^5, 6^8\})$	213934167982080
6	$\mathcal{O}(7; \{3^8, 6^8\})$	1711943528841216
6	$\mathcal{O}(7; \{2^9, 6^9\})$	13321907896320
6	$\mathcal{O}(7; \{2^5, 3^3, 6^9\})$	107045448155136
6	$\mathcal{O}(7; \{2, 3^6, 6^9\})$	855893400256512
6	$\mathcal{O}(7; \{2^6, 3, 6^{10}\})$	53444359913472
6	$\mathcal{O}(7; \{2^2, 3^4, 6^{10}\})$	428025064292352
6	$\mathcal{O}(7; \{2^3, 3^2, 6^{11}\})$	213934167982080
6	$\mathcal{O}(7; \{2^4, 6^{12}\})$	107045448155136
6	$\mathcal{O}(7; \{3^3, 6^{12}\})$	855893400256512
6	$\mathcal{O}(7; \{2, 3, 6^{13}\})$	428025064292352
6	$\mathcal{O}(6; \{2^{28}\})$	2176778240
6	$\mathcal{O}(6; \{2^{24}, 3^3\})$	4353564672
6	$\mathcal{O}(6; \{2^{20}, 3^6\})$	47889211392
6	$\mathcal{O}(6; \{2^{16}, 3^9\})$	370052997120
6	$\mathcal{O}(6; \{2^{12}, 3^{12}\})$	2973484670976
6	$\mathcal{O}(6; \{2^8, 3^{15}\})$	23774816673792
6	$\mathcal{O}(6; \{2^4, 3^{18}\})$	190211594084352
6	$\mathcal{O}(6; \{3^{21}\})$	1521308188149750
6	$\mathcal{O}(6; \{2^{25}, 3, 6\})$	4353564672
6	$\mathcal{O}(6; \{2^{21}, 3^4, 6\})$	21767823360
6	$\mathcal{O}(6; \{2^{17}, 3^7, 6\})$	187203280896
6	$\mathcal{O}(6; \{2^{13}, 3^{10}, 6\})$	1484565553152
6	$\mathcal{O}(6; \{2^9, 3^{13}, 6\})$	11889585119232
6	$\mathcal{O}(6; \{2^5, 3^{16}, 6\})$	95103620259840
6	$\mathcal{O}(6; \{2, 3^{19}, 6\})$	760842022772736
6	$\mathcal{O}(6; \{2^{22}, 3^2, 6^2\})$	13060694016
6	$\mathcal{O}(6; \{2^{18}, 3^5, 6^2\})$	91424858112
6	$\mathcal{O}(6; \{2^{14}, 3^8, 6^2\})$	744459558912
6	$\mathcal{O}(6; \{2^{10}, 3^{11}, 6^2\})$	5942615777280
6	$\mathcal{O}(6; \{2^6, 3^{14}, 6^2\})$	47553986912256
6	$\mathcal{O}(6; \{2^2, 3^{17}, 6^2\})$	380418834604032
6	$\mathcal{O}(6; \{2^{23}, 6^3\})$	4353564672
6	$\mathcal{O}(6; \{2^{19}, 3^3, 6^3\})$	47889211392
6	$\mathcal{O}(6; \{2^{15}, 3^6, 6^3\})$	370052997120
6	$\mathcal{O}(6; \{2^{11}, 3^9, 6^3\})$	2973484670976
6	$\mathcal{O}(6; \{2^7, 3^{12}, 6^3\})$	23774816673792

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^3, 3^{15}, 6^3\})$	190211594084352
6	$\mathcal{O}(6; \{2^{20}, 3, 6^4\})$	21767823360
6	$\mathcal{O}(6; \{2^{16}, 3^4, 6^4\})$	187203280896
6	$\mathcal{O}(6; \{2^{12}, 3^7, 6^4\})$	1484565553152
6	$\mathcal{O}(6; \{2^8, 3^{10}, 6^4\})$	11889585119232
6	$\mathcal{O}(6; \{2^4, 3^{13}, 6^4\})$	95103620259840
6	$\mathcal{O}(6; \{3^{16}, 6^4\})$	760842022772736
6	$\mathcal{O}(6; \{2^{17}, 3^2, 6^5\})$	91424858112
6	$\mathcal{O}(6; \{2^{13}, 3^5, 6^5\})$	744459558912
6	$\mathcal{O}(6; \{2^9, 3^8, 6^5\})$	5942615777280
6	$\mathcal{O}(6; \{2^5, 3^{11}, 6^5\})$	47553986912256
6	$\mathcal{O}(6; \{2, 3^{14}, 6^5\})$	380418834604032
6	$\mathcal{O}(6; \{2^{18}, 6^6\})$	47889211392
6	$\mathcal{O}(6; \{2^{14}, 3^3, 6^6\})$	370052997120
6	$\mathcal{O}(6; \{2^{10}, 3^6, 6^6\})$	2973484670976
6	$\mathcal{O}(6; \{2^6, 3^9, 6^6\})$	23774816673792
6	$\mathcal{O}(6; \{2^2, 3^{12}, 6^6\})$	190211594084352
6	$\mathcal{O}(6; \{2^{15}, 3, 6^7\})$	187203280896
6	$\mathcal{O}(6; \{2^{11}, 3^4, 6^7\})$	1484565553152
6	$\mathcal{O}(6; \{2^7, 3^7, 6^7\})$	11889585119232
6	$\mathcal{O}(6; \{2^3, 3^{10}, 6^7\})$	95103620259840
6	$\mathcal{O}(6; \{2^{12}, 3^2, 6^8\})$	744459558912
6	$\mathcal{O}(6; \{2^8, 3^5, 6^8\})$	5942615777280
6	$\mathcal{O}(6; \{2^4, 3^8, 6^8\})$	47553986912256
6	$\mathcal{O}(6; \{3^{11}, 6^8\})$	380418834604032
6	$\mathcal{O}(6; \{2^{13}, 6^9\})$	370052997120
6	$\mathcal{O}(6; \{2^9, 3^3, 6^9\})$	2973484670976
6	$\mathcal{O}(6; \{2^5, 3^6, 6^9\})$	23774816673792
6	$\mathcal{O}(6; \{2, 3^9, 6^9\})$	190211594084352
6	$\mathcal{O}(6; \{2^{10}, 3, 6^{10}\})$	1484565553152
6	$\mathcal{O}(6; \{2^6, 3^4, 6^{10}\})$	11889585119232
6	$\mathcal{O}(6; \{2^2, 3^7, 6^{10}\})$	95103620259840
6	$\mathcal{O}(6; \{2^7, 3^2, 6^{11}\})$	5942615777280
6	$\mathcal{O}(6; \{2^3, 3^5, 6^{11}\})$	47553986912256
6	$\mathcal{O}(6; \{2^8, 6^{12}\})$	2973484670976
6	$\mathcal{O}(6; \{2^4, 3^3, 6^{12}\})$	23774816673792
6	$\mathcal{O}(6; \{3^6, 6^{12}\})$	190211594084352
6	$\mathcal{O}(6; \{2^5, 3, 6^{13}\})$	11889585119232
6	$\mathcal{O}(6; \{2, 3^4, 6^{13}\})$	95103620259840
6	$\mathcal{O}(6; \{2^2, 3^2, 6^{14}\})$	47553986912256
6	$\mathcal{O}(6; \{2^3, 6^{15}\})$	23774816673792
6	$\mathcal{O}(6; \{3, 6^{16}\})$	95103620259840
6	$\mathcal{O}(5; \{2^{32}\})$	60465152

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^{28}, 3^3\})$	120932352
6	$\mathcal{O}(5; \{2^{24}, 3^6\})$	1330255872
6	$\mathcal{O}(5; \{2^{20}, 3^9\})$	10279249920
6	$\mathcal{O}(5; \{2^{16}, 3^{12}\})$	82596796416
6	$\mathcal{O}(5; \{2^{12}, 3^{15}\})$	660411574272
6	$\mathcal{O}(5; \{2^8, 3^{18}\})$	5283655391232
6	$\mathcal{O}(5; \{2^4, 3^{21}\})$	42268880332800
6	$\mathcal{O}(5; \{3^{24}\})$	337821179477562
6	$\mathcal{O}(5; \{2^{29}, 3, 6\})$	120932352
6	$\mathcal{O}(5; \{2^{25}, 3^4, 6\})$	604661760
6	$\mathcal{O}(5; \{2^{21}, 3^7, 6\})$	5200091136
6	$\mathcal{O}(5; \{2^{17}, 3^{10}, 6\})$	41237932032
6	$\mathcal{O}(5; \{2^{13}, 3^{13}, 6\})$	330266253312
6	$\mathcal{O}(5; \{2^9, 3^{16}, 6\})$	2641767229440
6	$\mathcal{O}(5; \{2^5, 3^{19}, 6\})$	21134500632576
6	$\mathcal{O}(5; \{2, 3^{22}, 6\})$	169075642263552
6	$\mathcal{O}(5; \{2^{26}, 3^2, 6^2\})$	362797056
6	$\mathcal{O}(5; \{2^{22}, 3^5, 6^2\})$	2539579392
6	$\mathcal{O}(5; \{2^{18}, 3^8, 6^2\})$	20679432192
6	$\mathcal{O}(5; \{2^{14}, 3^{11}, 6^2\})$	165072660480
6	$\mathcal{O}(5; \{2^{10}, 3^{14}, 6^2\})$	1320944080896
6	$\mathcal{O}(5; \{2^6, 3^{17}, 6^2\})$	10567189850112
6	$\mathcal{O}(5; \{2^2, 3^{20}, 6^2\})$	84537881597952
6	$\mathcal{O}(5; \{2^{27}, 6^3\})$	120932352
6	$\mathcal{O}(5; \{2^{23}, 3^3, 6^3\})$	1330255872
6	$\mathcal{O}(5; \{2^{19}, 3^6, 6^3\})$	10279249920
6	$\mathcal{O}(5; \{2^{15}, 3^9, 6^3\})$	82596796416
6	$\mathcal{O}(5; \{2^{11}, 3^{12}, 6^3\})$	660411574272
6	$\mathcal{O}(5; \{2^7, 3^{15}, 6^3\})$	5283655391232
6	$\mathcal{O}(5; \{2^3, 3^{18}, 6^3\})$	42268880332800
6	$\mathcal{O}(5; \{2^{24}, 3, 6^4\})$	604661760
6	$\mathcal{O}(5; \{2^{20}, 3^4, 6^4\})$	5200091136
6	$\mathcal{O}(5; \{2^{16}, 3^7, 6^4\})$	41237932032
6	$\mathcal{O}(5; \{2^{12}, 3^{10}, 6^4\})$	330266253312
6	$\mathcal{O}(5; \{2^8, 3^{13}, 6^4\})$	2641767229440
6	$\mathcal{O}(5; \{2^4, 3^{16}, 6^4\})$	21134500632576
6	$\mathcal{O}(5; \{3^{19}, 6^4\})$	169075642263552
6	$\mathcal{O}(5; \{2^{21}, 3^2, 6^5\})$	2539579392
6	$\mathcal{O}(5; \{2^{17}, 3^5, 6^5\})$	20679432192
6	$\mathcal{O}(5; \{2^{13}, 3^8, 6^5\})$	165072660480
6	$\mathcal{O}(5; \{2^9, 3^{11}, 6^5\})$	1320944080896
6	$\mathcal{O}(5; \{2^5, 3^{14}, 6^5\})$	10567189850112
6	$\mathcal{O}(5; \{2, 3^{17}, 6^5\})$	84537881597952

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^{22}, 6^6\})$	1330255872
6	$\mathcal{O}(5; \{2^{18}, 3^3, 6^6\})$	10279249920
6	$\mathcal{O}(5; \{2^{14}, 3^6, 6^6\})$	82596796416
6	$\mathcal{O}(5; \{2^{10}, 3^9, 6^6\})$	660411574272
6	$\mathcal{O}(5; \{2^6, 3^{12}, 6^6\})$	5283655391232
6	$\mathcal{O}(5; \{2^2, 3^{15}, 6^6\})$	42268880332800
6	$\mathcal{O}(5; \{2^{19}, 3, 6^7\})$	5200091136
6	$\mathcal{O}(5; \{2^{15}, 3^4, 6^7\})$	41237932032
6	$\mathcal{O}(5; \{2^{11}, 3^7, 6^7\})$	330266253312
6	$\mathcal{O}(5; \{2^7, 3^{10}, 6^7\})$	2641767229440
6	$\mathcal{O}(5; \{2^3, 3^{13}, 6^7\})$	21134500632576
6	$\mathcal{O}(5; \{2^{16}, 3^2, 6^8\})$	20679432192
6	$\mathcal{O}(5; \{2^{12}, 3^5, 6^8\})$	165072660480
6	$\mathcal{O}(5; \{2^8, 3^8, 6^8\})$	1320944080896
6	$\mathcal{O}(5; \{2^4, 3^{11}, 6^8\})$	10567189850112
6	$\mathcal{O}(5; \{3^{14}, 6^8\})$	84537881597952
6	$\mathcal{O}(5; \{2^{17}, 6^9\})$	10279249920
6	$\mathcal{O}(5; \{2^{13}, 3^3, 6^9\})$	82596796416
6	$\mathcal{O}(5; \{2^9, 3^6, 6^9\})$	660411574272
6	$\mathcal{O}(5; \{2^5, 3^9, 6^9\})$	5283655391232
6	$\mathcal{O}(5; \{2, 3^{12}, 6^9\})$	42268880332800
6	$\mathcal{O}(5; \{2^{14}, 3, 6^{10}\})$	41237932032
6	$\mathcal{O}(5; \{2^{10}, 3^4, 6^{10}\})$	330266253312
6	$\mathcal{O}(5; \{2^6, 3^7, 6^{10}\})$	2641767229440
6	$\mathcal{O}(5; \{2^2, 3^{10}, 6^{10}\})$	21134500632576
6	$\mathcal{O}(5; \{2^{11}, 3^2, 6^{11}\})$	165072660480
6	$\mathcal{O}(5; \{2^7, 3^5, 6^{11}\})$	1320944080896
6	$\mathcal{O}(5; \{2^3, 3^8, 6^{11}\})$	10567189850112
6	$\mathcal{O}(5; \{2^{12}, 6^{12}\})$	82596796416
6	$\mathcal{O}(5; \{2^8, 3^3, 6^{12}\})$	660411574272
6	$\mathcal{O}(5; \{2^4, 3^6, 6^{12}\})$	5283655391232
6	$\mathcal{O}(5; \{3^9, 6^{12}\})$	42268880332800
6	$\mathcal{O}(5; \{2^9, 3, 6^{13}\})$	330266253312
6	$\mathcal{O}(5; \{2^5, 3^4, 6^{13}\})$	2641767229440
6	$\mathcal{O}(5; \{2, 3^7, 6^{13}\})$	21134500632576
6	$\mathcal{O}(5; \{2^6, 3^2, 6^{14}\})$	1320944080896
6	$\mathcal{O}(5; \{2^2, 3^5, 6^{14}\})$	10567189850112
6	$\mathcal{O}(5; \{2^7, 6^{15}\})$	660411574272
6	$\mathcal{O}(5; \{2^3, 3^3, 6^{15}\})$	5283655391232
6	$\mathcal{O}(5; \{2^4, 3, 6^{16}\})$	2641767229440
6	$\mathcal{O}(5; \{3^4, 6^{16}\})$	21134500632576
6	$\mathcal{O}(5; \{2, 3^2, 6^{17}\})$	10567189850112
6	$\mathcal{O}(5; \{2^2, 6^{18}\})$	5283655391232

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^{36}\})$	1679360
6	$\mathcal{O}(4; \{2^{32}, 3^3\})$	3359232
6	$\mathcal{O}(4; \{2^{28}, 3^6\})$	36951552
6	$\mathcal{O}(4; \{2^{24}, 3^9\})$	285534720
6	$\mathcal{O}(4; \{2^{20}, 3^{12}\})$	2294355456
6	$\mathcal{O}(4; \{2^{16}, 3^{15}\})$	18344765952
6	$\mathcal{O}(4; \{2^{12}, 3^{18}\})$	146768205312
6	$\mathcal{O}(4; \{2^8, 3^{21}\})$	1174135564800
6	$\mathcal{O}(4; \{2^4, 3^{24}\})$	9393094596096
6	$\mathcal{O}(4; \{3^{27}\})$	74851212524310
6	$\mathcal{O}(4; \{2^{33}, 3, 6\})$	3359232
6	$\mathcal{O}(4; \{2^{29}, 3^4, 6\})$	16796160
6	$\mathcal{O}(4; \{2^{25}, 3^7, 6\})$	144446976
6	$\mathcal{O}(4; \{2^{21}, 3^{10}, 6\})$	1145498112
6	$\mathcal{O}(4; \{2^{17}, 3^{13}, 6\})$	9174062592
6	$\mathcal{O}(4; \{2^{13}, 3^{16}, 6\})$	73382423040
6	$\mathcal{O}(4; \{2^9, 3^{19}, 6\})$	587069462016
6	$\mathcal{O}(4; \{2^5, 3^{22}, 6\})$	4696545618432
6	$\mathcal{O}(4; \{2, 3^{25}, 6\})$	37572375025152
6	$\mathcal{O}(4; \{2^{30}, 3^2, 6^2\})$	10077696
6	$\mathcal{O}(4; \{2^{26}, 3^5, 6^2\})$	70543872
6	$\mathcal{O}(4; \{2^{22}, 3^8, 6^2\})$	574428672
6	$\mathcal{O}(4; \{2^{18}, 3^{11}, 6^2\})$	4585351680
6	$\mathcal{O}(4; \{2^{14}, 3^{14}, 6^2\})$	36692891136
6	$\mathcal{O}(4; \{2^{10}, 3^{17}, 6^2\})$	293533051392
6	$\mathcal{O}(4; \{2^6, 3^{20}, 6^2\})$	2348274488832
6	$\mathcal{O}(4; \{2^2, 3^{23}, 6^2\})$	18786185832960
6	$\mathcal{O}(4; \{2^{31}, 6^3\})$	3359232
6	$\mathcal{O}(4; \{2^{27}, 3^3, 6^3\})$	36951552
6	$\mathcal{O}(4; \{2^{23}, 3^6, 6^3\})$	285534720
6	$\mathcal{O}(4; \{2^{19}, 3^9, 6^3\})$	2294355456
6	$\mathcal{O}(4; \{2^{15}, 3^{12}, 6^3\})$	18344765952
6	$\mathcal{O}(4; \{2^{11}, 3^{15}, 6^3\})$	146768205312
6	$\mathcal{O}(4; \{2^7, 3^{18}, 6^3\})$	1174135564800
6	$\mathcal{O}(4; \{2^3, 3^{21}, 6^3\})$	9393094596096
6	$\mathcal{O}(4; \{2^{28}, 3, 6^4\})$	16796160
6	$\mathcal{O}(4; \{2^{24}, 3^4, 6^4\})$	144446976
6	$\mathcal{O}(4; \{2^{20}, 3^7, 6^4\})$	1145498112
6	$\mathcal{O}(4; \{2^{16}, 3^{10}, 6^4\})$	9174062592
6	$\mathcal{O}(4; \{2^{12}, 3^{13}, 6^4\})$	73382423040
6	$\mathcal{O}(4; \{2^8, 3^{16}, 6^4\})$	587069462016
6	$\mathcal{O}(4; \{2^4, 3^{19}, 6^4\})$	4696545618432
6	$\mathcal{O}(4; \{3^{22}, 6^4\})$	37572375025152

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^{25}, 3^2, 6^5\})$	70543872
6	$\mathcal{O}(4; \{2^{21}, 3^5, 6^5\})$	574428672
6	$\mathcal{O}(4; \{2^{17}, 3^8, 6^5\})$	4585351680
6	$\mathcal{O}(4; \{2^{13}, 3^{11}, 6^5\})$	36692891136
6	$\mathcal{O}(4; \{2^9, 3^{14}, 6^5\})$	293533051392
6	$\mathcal{O}(4; \{2^5, 3^{17}, 6^5\})$	2348274488832
6	$\mathcal{O}(4; \{2, 3^{20}, 6^5\})$	18786185832960
6	$\mathcal{O}(4; \{2^{26}, 6^6\})$	36951552
6	$\mathcal{O}(4; \{2^{22}, 3^3, 6^6\})$	285534720
6	$\mathcal{O}(4; \{2^{18}, 3^6, 6^6\})$	2294355456
6	$\mathcal{O}(4; \{2^{14}, 3^9, 6^6\})$	18344765952
6	$\mathcal{O}(4; \{2^{10}, 3^{12}, 6^6\})$	146768205312
6	$\mathcal{O}(4; \{2^6, 3^{15}, 6^6\})$	1174135564800
6	$\mathcal{O}(4; \{2^2, 3^{18}, 6^6\})$	9393094596096
6	$\mathcal{O}(4; \{2^{23}, 3, 6^7\})$	144446976
6	$\mathcal{O}(4; \{2^{19}, 3^4, 6^7\})$	1145498112
6	$\mathcal{O}(4; \{2^{15}, 3^7, 6^7\})$	9174062592
6	$\mathcal{O}(4; \{2^{11}, 3^{10}, 6^7\})$	73382423040
6	$\mathcal{O}(4; \{2^7, 3^{13}, 6^7\})$	587069462016
6	$\mathcal{O}(4; \{2^3, 3^{16}, 6^7\})$	4696545618432
6	$\mathcal{O}(4; \{2^{20}, 3^2, 6^8\})$	574428672
6	$\mathcal{O}(4; \{2^{16}, 3^5, 6^8\})$	4585351680
6	$\mathcal{O}(4; \{2^{12}, 3^8, 6^8\})$	36692891136
6	$\mathcal{O}(4; \{2^8, 3^{11}, 6^8\})$	293533051392
6	$\mathcal{O}(4; \{2^4, 3^{14}, 6^8\})$	2348274488832
6	$\mathcal{O}(4; \{3^{17}, 6^8\})$	18786185832960
6	$\mathcal{O}(4; \{2^{21}, 6^9\})$	285534720
6	$\mathcal{O}(4; \{2^{17}, 3^3, 6^9\})$	2294355456
6	$\mathcal{O}(4; \{2^{13}, 3^6, 6^9\})$	18344765952
6	$\mathcal{O}(4; \{2^9, 3^9, 6^9\})$	146768205312
6	$\mathcal{O}(4; \{2^5, 3^{12}, 6^9\})$	1174135564800
6	$\mathcal{O}(4; \{2, 3^{15}, 6^9\})$	9393094596096
6	$\mathcal{O}(4; \{2^{18}, 3, 6^{10}\})$	1145498112
6	$\mathcal{O}(4; \{2^{14}, 3^4, 6^{10}\})$	9174062592
6	$\mathcal{O}(4; \{2^{10}, 3^7, 6^{10}\})$	73382423040
6	$\mathcal{O}(4; \{2^6, 3^{10}, 6^{10}\})$	587069462016
6	$\mathcal{O}(4; \{2^2, 3^{13}, 6^{10}\})$	4696545618432
6	$\mathcal{O}(4; \{2^{15}, 3^2, 6^{11}\})$	4585351680
6	$\mathcal{O}(4; \{2^{11}, 3^5, 6^{11}\})$	36692891136
6	$\mathcal{O}(4; \{2^7, 3^8, 6^{11}\})$	293533051392
6	$\mathcal{O}(4; \{2^3, 3^{11}, 6^{11}\})$	2348274488832
6	$\mathcal{O}(4; \{2^{16}, 6^{12}\})$	2294355456
6	$\mathcal{O}(4; \{2^{12}, 3^3, 6^{12}\})$	18344765952

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^8, 3^6, 6^{12}\})$	146768205312
6	$\mathcal{O}(4; \{2^4, 3^9, 6^{12}\})$	1174135564800
6	$\mathcal{O}(4; \{3^{12}, 6^{12}\})$	9393094596096
6	$\mathcal{O}(4; \{2^{13}, 3, 6^{13}\})$	9174062592
6	$\mathcal{O}(4; \{2^9, 3^4, 6^{13}\})$	73382423040
6	$\mathcal{O}(4; \{2^5, 3^7, 6^{13}\})$	587069462016
6	$\mathcal{O}(4; \{2, 3^{10}, 6^{13}\})$	4696545618432
6	$\mathcal{O}(4; \{2^{10}, 3^2, 6^{14}\})$	36692891136
6	$\mathcal{O}(4; \{2^6, 3^5, 6^{14}\})$	293533051392
6	$\mathcal{O}(4; \{2^2, 3^8, 6^{14}\})$	2348274488832
6	$\mathcal{O}(4; \{2^{11}, 6^{15}\})$	18344765952
6	$\mathcal{O}(4; \{2^7, 3^3, 6^{15}\})$	146768205312
6	$\mathcal{O}(4; \{2^3, 3^6, 6^{15}\})$	1174135564800
6	$\mathcal{O}(4; \{2^8, 3, 6^{16}\})$	73382423040
6	$\mathcal{O}(4; \{2^4, 3^4, 6^{16}\})$	587069462016
6	$\mathcal{O}(4; \{3^7, 6^{16}\})$	4696545618432
6	$\mathcal{O}(4; \{2^5, 3^2, 6^{17}\})$	293533051392
6	$\mathcal{O}(4; \{2, 3^5, 6^{17}\})$	2348274488832
6	$\mathcal{O}(4; \{2^6, 6^{18}\})$	146768205312
6	$\mathcal{O}(4; \{2^2, 3^3, 6^{18}\})$	1174135564800
6	$\mathcal{O}(4; \{2^3, 3, 6^{19}\})$	587069462016
6	$\mathcal{O}(4; \{3^2, 6^{20}\})$	2348274488832
6	$\mathcal{O}(4; \{2, 6^{21}\})$	1174135564800
6	$\mathcal{O}(3; \{2^{40}\})$	46592
6	$\mathcal{O}(3; \{2^{36}, 3^3\})$	93312
6	$\mathcal{O}(3; \{2^{32}, 3^6\})$	1026432
6	$\mathcal{O}(3; \{2^{28}, 3^9\})$	7931520
6	$\mathcal{O}(3; \{2^{24}, 3^{12}\})$	63732096
6	$\mathcal{O}(3; \{2^{20}, 3^{15}\})$	509576832
6	$\mathcal{O}(3; \{2^{16}, 3^{18}\})$	4076894592
6	$\mathcal{O}(3; \{2^{12}, 3^{21}\})$	32614876800
6	$\mathcal{O}(3; \{2^8, 3^{24}\})$	260919294336
6	$\mathcal{O}(3; \{2^4, 3^{27}\})$	2087354074752
6	$\mathcal{O}(3; \{3^{30}\})$	16437913614234
6	$\mathcal{O}(3; \{2^{37}, 3, 6\})$	93312
6	$\mathcal{O}(3; \{2^{33}, 3^4, 6\})$	466560
6	$\mathcal{O}(3; \{2^{29}, 3^7, 6\})$	4012416
6	$\mathcal{O}(3; \{2^{25}, 3^{10}, 6\})$	31819392
6	$\mathcal{O}(3; \{2^{21}, 3^{13}, 6\})$	254835072
6	$\mathcal{O}(3; \{2^{17}, 3^{16}, 6\})$	2038400640
6	$\mathcal{O}(3; \{2^{13}, 3^{19}, 6\})$	16307485056
6	$\mathcal{O}(3; \{2^9, 3^{22}, 6\})$	130459600512
6	$\mathcal{O}(3; \{2^5, 3^{25}, 6\})$	1043677084032

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2, 3^{28}, 6\})$	8349416392320
6	$\mathcal{O}(3; \{2^{34}, 3^2, 6^2\})$	279936
6	$\mathcal{O}(3; \{2^{30}, 3^5, 6^2\})$	1959552
6	$\mathcal{O}(3; \{2^{26}, 3^8, 6^2\})$	15956352
6	$\mathcal{O}(3; \{2^{22}, 3^{11}, 6^2\})$	127370880
6	$\mathcal{O}(3; \{2^{18}, 3^{14}, 6^2\})$	1019246976
6	$\mathcal{O}(3; \{2^{14}, 3^{17}, 6^2\})$	8153695872
6	$\mathcal{O}(3; \{2^{10}, 3^{20}, 6^2\})$	65229846912
6	$\mathcal{O}(3; \{2^6, 3^{23}, 6^2\})$	521838495360
6	$\mathcal{O}(3; \{2^2, 3^{26}, 6^2\})$	4174708242816
6	$\mathcal{O}(3; \{2^{35}, 6^3\})$	93312
6	$\mathcal{O}(3; \{2^{31}, 3^3, 6^3\})$	1026432
6	$\mathcal{O}(3; \{2^{27}, 3^6, 6^3\})$	7931520
6	$\mathcal{O}(3; \{2^{23}, 3^9, 6^3\})$	63732096
6	$\mathcal{O}(3; \{2^{19}, 3^{12}, 6^3\})$	509576832
6	$\mathcal{O}(3; \{2^{15}, 3^{15}, 6^3\})$	4076894592
6	$\mathcal{O}(3; \{2^{11}, 3^{18}, 6^3\})$	32614876800
6	$\mathcal{O}(3; \{2^7, 3^{21}, 6^3\})$	260919294336
6	$\mathcal{O}(3; \{2^3, 3^{24}, 6^3\})$	2087354074752
6	$\mathcal{O}(3; \{2^{32}, 3, 6^4\})$	466560
6	$\mathcal{O}(3; \{2^{28}, 3^4, 6^4\})$	4012416
6	$\mathcal{O}(3; \{2^{24}, 3^7, 6^4\})$	31819392
6	$\mathcal{O}(3; \{2^{20}, 3^{10}, 6^4\})$	254835072
6	$\mathcal{O}(3; \{2^{16}, 3^{13}, 6^4\})$	2038400640
6	$\mathcal{O}(3; \{2^{12}, 3^{16}, 6^4\})$	16307485056
6	$\mathcal{O}(3; \{2^8, 3^{19}, 6^4\})$	130459600512
6	$\mathcal{O}(3; \{2^4, 3^{22}, 6^4\})$	1043677084032
6	$\mathcal{O}(3; \{3^{25}, 6^4\})$	8349416392320
6	$\mathcal{O}(3; \{2^{29}, 3^2, 6^5\})$	1959552
6	$\mathcal{O}(3; \{2^{25}, 3^5, 6^5\})$	15956352
6	$\mathcal{O}(3; \{2^{21}, 3^8, 6^5\})$	127370880
6	$\mathcal{O}(3; \{2^{17}, 3^{11}, 6^5\})$	1019246976
6	$\mathcal{O}(3; \{2^{13}, 3^{14}, 6^5\})$	8153695872
6	$\mathcal{O}(3; \{2^9, 3^{17}, 6^5\})$	65229846912
6	$\mathcal{O}(3; \{2^5, 3^{20}, 6^5\})$	521838495360
6	$\mathcal{O}(3; \{2, 3^{23}, 6^5\})$	4174708242816
6	$\mathcal{O}(3; \{2^{30}, 6^6\})$	1026432
6	$\mathcal{O}(3; \{2^{26}, 3^3, 6^6\})$	7931520
6	$\mathcal{O}(3; \{2^{22}, 3^6, 6^6\})$	63732096
6	$\mathcal{O}(3; \{2^{18}, 3^9, 6^6\})$	509576832
6	$\mathcal{O}(3; \{2^{14}, 3^{12}, 6^6\})$	4076894592
6	$\mathcal{O}(3; \{2^{10}, 3^{15}, 6^6\})$	32614876800
6	$\mathcal{O}(3; \{2^6, 3^{18}, 6^6\})$	260919294336

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^2, 3^{21}, 6^6\})$	2087354074752
6	$\mathcal{O}(3; \{2^{27}, 3, 6^7\})$	4012416
6	$\mathcal{O}(3; \{2^{23}, 3^4, 6^7\})$	31819392
6	$\mathcal{O}(3; \{2^{19}, 3^7, 6^7\})$	254835072
6	$\mathcal{O}(3; \{2^{15}, 3^{10}, 6^7\})$	2038400640
6	$\mathcal{O}(3; \{2^{11}, 3^{13}, 6^7\})$	16307485056
6	$\mathcal{O}(3; \{2^7, 3^{16}, 6^7\})$	130459600512
6	$\mathcal{O}(3; \{2^3, 3^{19}, 6^7\})$	1043677084032
6	$\mathcal{O}(3; \{2^{24}, 3^2, 6^8\})$	15956352
6	$\mathcal{O}(3; \{2^{20}, 3^5, 6^8\})$	127370880
6	$\mathcal{O}(3; \{2^{16}, 3^8, 6^8\})$	1019246976
6	$\mathcal{O}(3; \{2^{12}, 3^{11}, 6^8\})$	8153695872
6	$\mathcal{O}(3; \{2^8, 3^{14}, 6^8\})$	65229846912
6	$\mathcal{O}(3; \{2^4, 3^{17}, 6^8\})$	521838495360
6	$\mathcal{O}(3; \{3^{20}, 6^8\})$	4174708242816
6	$\mathcal{O}(3; \{2^{25}, 6^9\})$	7931520
6	$\mathcal{O}(3; \{2^{21}, 3^3, 6^9\})$	63732096
6	$\mathcal{O}(3; \{2^{17}, 3^6, 6^9\})$	509576832
6	$\mathcal{O}(3; \{2^{13}, 3^9, 6^9\})$	4076894592
6	$\mathcal{O}(3; \{2^9, 3^{12}, 6^9\})$	32614876800
6	$\mathcal{O}(3; \{2^5, 3^{15}, 6^9\})$	260919294336
6	$\mathcal{O}(3; \{2, 3^{18}, 6^9\})$	2087354074752
6	$\mathcal{O}(3; \{2^{22}, 3, 6^{10}\})$	31819392
6	$\mathcal{O}(3; \{2^{18}, 3^4, 6^{10}\})$	254835072
6	$\mathcal{O}(3; \{2^{14}, 3^7, 6^{10}\})$	2038400640
6	$\mathcal{O}(3; \{2^{10}, 3^{10}, 6^{10}\})$	16307485056
6	$\mathcal{O}(3; \{2^6, 3^{13}, 6^{10}\})$	130459600512
6	$\mathcal{O}(3; \{2^2, 3^{16}, 6^{10}\})$	1043677084032
6	$\mathcal{O}(3; \{2^{19}, 3^2, 6^{11}\})$	127370880
6	$\mathcal{O}(3; \{2^{15}, 3^5, 6^{11}\})$	1019246976
6	$\mathcal{O}(3; \{2^{11}, 3^8, 6^{11}\})$	8153695872
6	$\mathcal{O}(3; \{2^7, 3^{11}, 6^{11}\})$	65229846912
6	$\mathcal{O}(3; \{2^3, 3^{14}, 6^{11}\})$	521838495360
6	$\mathcal{O}(3; \{2^{20}, 6^{12}\})$	63732096
6	$\mathcal{O}(3; \{2^{16}, 3^3, 6^{12}\})$	509576832
6	$\mathcal{O}(3; \{2^{12}, 3^6, 6^{12}\})$	4076894592
6	$\mathcal{O}(3; \{2^8, 3^9, 6^{12}\})$	32614876800
6	$\mathcal{O}(3; \{2^4, 3^{12}, 6^{12}\})$	260919294336
6	$\mathcal{O}(3; \{3^{15}, 6^{12}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{17}, 3, 6^{13}\})$	254835072
6	$\mathcal{O}(3; \{2^{13}, 3^4, 6^{13}\})$	2038400640
6	$\mathcal{O}(3; \{2^9, 3^7, 6^{13}\})$	16307485056
6	$\mathcal{O}(3; \{2^5, 3^{10}, 6^{13}\})$	130459600512

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2, 3^{13}, 6^{13}\})$	1043677084032
6	$\mathcal{O}(3; \{2^{14}, 3^2, 6^{14}\})$	1019246976
6	$\mathcal{O}(3; \{2^{10}, 3^5, 6^{14}\})$	8153695872
6	$\mathcal{O}(3; \{2^6, 3^8, 6^{14}\})$	65229846912
6	$\mathcal{O}(3; \{2^2, 3^{11}, 6^{14}\})$	521838495360
6	$\mathcal{O}(3; \{2^{15}, 6^{15}\})$	509576832
6	$\mathcal{O}(3; \{2^{11}, 3^3, 6^{15}\})$	4076894592
6	$\mathcal{O}(3; \{2^7, 3^6, 6^{15}\})$	32614876800
6	$\mathcal{O}(3; \{2^3, 3^9, 6^{15}\})$	260919294336
6	$\mathcal{O}(3; \{2^{12}, 3, 6^{16}\})$	2038400640
6	$\mathcal{O}(3; \{2^8, 3^4, 6^{16}\})$	16307485056
6	$\mathcal{O}(3; \{2^4, 3^7, 6^{16}\})$	130459600512
6	$\mathcal{O}(3; \{3^{10}, 6^{16}\})$	1043677084032
6	$\mathcal{O}(3; \{2^9, 3^2, 6^{17}\})$	8153695872
6	$\mathcal{O}(3; \{2^5, 3^5, 6^{17}\})$	65229846912
6	$\mathcal{O}(3; \{2, 3^8, 6^{17}\})$	521838495360
6	$\mathcal{O}(3; \{2^{10}, 6^{18}\})$	4076894592
6	$\mathcal{O}(3; \{2^6, 3^3, 6^{18}\})$	32614876800
6	$\mathcal{O}(3; \{2^2, 3^6, 6^{18}\})$	260919294336
6	$\mathcal{O}(3; \{2^7, 3, 6^{19}\})$	16307485056
6	$\mathcal{O}(3; \{2^3, 3^4, 6^{19}\})$	130459600512
6	$\mathcal{O}(3; \{2^4, 3^2, 6^{20}\})$	65229846912
6	$\mathcal{O}(3; \{3^5, 6^{20}\})$	521838495360
6	$\mathcal{O}(3; \{2^5, 6^{21}\})$	32614876800
6	$\mathcal{O}(3; \{2, 3^3, 6^{21}\})$	260919294336
6	$\mathcal{O}(3; \{2^2, 3, 6^{22}\})$	130459600512
6	$\mathcal{O}(3; \{6^{24}\})$	260919294336
6	$\mathcal{O}(2; \{2^{44}\})$	1280
6	$\mathcal{O}(2; \{2^{40}, 3^3\})$	2592
6	$\mathcal{O}(2; \{2^{36}, 3^6\})$	28512
6	$\mathcal{O}(2; \{2^{32}, 3^9\})$	220320
6	$\mathcal{O}(2; \{2^{28}, 3^{12}\})$	1770336
6	$\mathcal{O}(2; \{2^{24}, 3^{15}\})$	14154912
6	$\mathcal{O}(2; \{2^{20}, 3^{18}\})$	113247072
6	$\mathcal{O}(2; \{2^{16}, 3^{21}\})$	905968800
6	$\mathcal{O}(2; \{2^{12}, 3^{24}\})$	7247758176
6	$\mathcal{O}(2; \{2^8, 3^{27}\})$	57982057632
6	$\mathcal{O}(2; \{2^4, 3^{30}\})$	463856468832
6	$\mathcal{O}(2; \{3^{33}\})$	3478923508950
6	$\mathcal{O}(2; \{2^{41}, 3, 6\})$	2592
6	$\mathcal{O}(2; \{2^{37}, 3^4, 6\})$	12960
6	$\mathcal{O}(2; \{2^{33}, 3^7, 6\})$	111456
6	$\mathcal{O}(2; \{2^{29}, 3^{10}, 6\})$	883872

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{25}, 3^{13}, 6\})$	7078752
6	$\mathcal{O}(2; \{2^{21}, 3^{16}, 6\})$	56622240
6	$\mathcal{O}(2; \{2^{17}, 3^{19}, 6\})$	452985696
6	$\mathcal{O}(2; \{2^{13}, 3^{22}, 6\})$	3623877792
6	$\mathcal{O}(2; \{2^9, 3^{25}, 6\})$	28991030112
6	$\mathcal{O}(2; \{2^5, 3^{28}, 6\})$	231928233120
6	$\mathcal{O}(2; \{2, 3^{31}, 6\})$	1855425872736
6	$\mathcal{O}(2; \{2^{38}, 3^2, 6^2\})$	7776
6	$\mathcal{O}(2; \{2^{34}, 3^5, 6^2\})$	54432
6	$\mathcal{O}(2; \{2^{30}, 3^8, 6^2\})$	443232
6	$\mathcal{O}(2; \{2^{26}, 3^{11}, 6^2\})$	3538080
6	$\mathcal{O}(2; \{2^{22}, 3^{14}, 6^2\})$	28312416
6	$\mathcal{O}(2; \{2^{18}, 3^{17}, 6^2\})$	226491552
6	$\mathcal{O}(2; \{2^{14}, 3^{20}, 6^2\})$	1811940192
6	$\mathcal{O}(2; \{2^{10}, 3^{23}, 6^2\})$	14495513760
6	$\mathcal{O}(2; \{2^6, 3^{26}, 6^2\})$	115964117856
6	$\mathcal{O}(2; \{2^2, 3^{29}, 6^2\})$	927712935072
6	$\mathcal{O}(2; \{2^{39}, 6^3\})$	2592
6	$\mathcal{O}(2; \{2^{35}, 3^3, 6^3\})$	28512
6	$\mathcal{O}(2; \{2^{31}, 3^6, 6^3\})$	220320
6	$\mathcal{O}(2; \{2^{27}, 3^9, 6^3\})$	1770336
6	$\mathcal{O}(2; \{2^{23}, 3^{12}, 6^3\})$	14154912
6	$\mathcal{O}(2; \{2^{19}, 3^{15}, 6^3\})$	113247072
6	$\mathcal{O}(2; \{2^{15}, 3^{18}, 6^3\})$	905968800
6	$\mathcal{O}(2; \{2^{11}, 3^{21}, 6^3\})$	7247758176
6	$\mathcal{O}(2; \{2^7, 3^{24}, 6^3\})$	57982057632
6	$\mathcal{O}(2; \{2^3, 3^{27}, 6^3\})$	463856468832
6	$\mathcal{O}(2; \{2^{36}, 3, 6^4\})$	12960
6	$\mathcal{O}(2; \{2^{32}, 3^4, 6^4\})$	111456
6	$\mathcal{O}(2; \{2^{28}, 3^7, 6^4\})$	883872
6	$\mathcal{O}(2; \{2^{24}, 3^{10}, 6^4\})$	7078752
6	$\mathcal{O}(2; \{2^{20}, 3^{13}, 6^4\})$	56622240
6	$\mathcal{O}(2; \{2^{16}, 3^{16}, 6^4\})$	452985696
6	$\mathcal{O}(2; \{2^{12}, 3^{19}, 6^4\})$	3623877792
6	$\mathcal{O}(2; \{2^8, 3^{22}, 6^4\})$	28991030112
6	$\mathcal{O}(2; \{2^4, 3^{25}, 6^4\})$	231928233120
6	$\mathcal{O}(2; \{3^{28}, 6^4\})$	1855425872736
6	$\mathcal{O}(2; \{2^{33}, 3^2, 6^5\})$	54432
6	$\mathcal{O}(2; \{2^{29}, 3^5, 6^5\})$	443232
6	$\mathcal{O}(2; \{2^{25}, 3^8, 6^5\})$	3538080
6	$\mathcal{O}(2; \{2^{21}, 3^{11}, 6^5\})$	28312416
6	$\mathcal{O}(2; \{2^{17}, 3^{14}, 6^5\})$	226491552
6	$\mathcal{O}(2; \{2^{13}, 3^{17}, 6^5\})$	1811940192

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^9, 3^{20}, 6^5\})$	14495513760
6	$\mathcal{O}(2; \{2^5, 3^{23}, 6^5\})$	115964117856
6	$\mathcal{O}(2; \{2, 3^{26}, 6^5\})$	927712935072
6	$\mathcal{O}(2; \{2^{34}, 6^6\})$	28512
6	$\mathcal{O}(2; \{2^{30}, 3^3, 6^6\})$	220320
6	$\mathcal{O}(2; \{2^{26}, 3^6, 6^6\})$	1770336
6	$\mathcal{O}(2; \{2^{22}, 3^9, 6^6\})$	14154912
6	$\mathcal{O}(2; \{2^{18}, 3^{12}, 6^6\})$	113247072
6	$\mathcal{O}(2; \{2^{14}, 3^{15}, 6^6\})$	905968800
6	$\mathcal{O}(2; \{2^{10}, 3^{18}, 6^6\})$	7247758176
6	$\mathcal{O}(2; \{2^6, 3^{21}, 6^6\})$	57982057632
6	$\mathcal{O}(2; \{2^2, 3^{24}, 6^6\})$	463856468832
6	$\mathcal{O}(2; \{2^{31}, 3, 6^7\})$	111456
6	$\mathcal{O}(2; \{2^{27}, 3^4, 6^7\})$	883872
6	$\mathcal{O}(2; \{2^{23}, 3^7, 6^7\})$	7078752
6	$\mathcal{O}(2; \{2^{19}, 3^{10}, 6^7\})$	56622240
6	$\mathcal{O}(2; \{2^{15}, 3^{13}, 6^7\})$	452985696
6	$\mathcal{O}(2; \{2^{11}, 3^{16}, 6^7\})$	3623877792
6	$\mathcal{O}(2; \{2^7, 3^{19}, 6^7\})$	28991030112
6	$\mathcal{O}(2; \{2^3, 3^{22}, 6^7\})$	231928233120
6	$\mathcal{O}(2; \{2^{28}, 3^2, 6^8\})$	443232
6	$\mathcal{O}(2; \{2^{24}, 3^5, 6^8\})$	3538080
6	$\mathcal{O}(2; \{2^{20}, 3^8, 6^8\})$	28312416
6	$\mathcal{O}(2; \{2^{16}, 3^{11}, 6^8\})$	226491552
6	$\mathcal{O}(2; \{2^{12}, 3^{14}, 6^8\})$	1811940192
6	$\mathcal{O}(2; \{2^8, 3^{17}, 6^8\})$	14495513760
6	$\mathcal{O}(2; \{2^4, 3^{20}, 6^8\})$	115964117856
6	$\mathcal{O}(2; \{3^{23}, 6^8\})$	927712935072
6	$\mathcal{O}(2; \{2^{29}, 6^9\})$	220320
6	$\mathcal{O}(2; \{2^{25}, 3^3, 6^9\})$	1770336
6	$\mathcal{O}(2; \{2^{21}, 3^6, 6^9\})$	14154912
6	$\mathcal{O}(2; \{2^{17}, 3^9, 6^9\})$	113247072
6	$\mathcal{O}(2; \{2^{13}, 3^{12}, 6^9\})$	905968800
6	$\mathcal{O}(2; \{2^9, 3^{15}, 6^9\})$	7247758176
6	$\mathcal{O}(2; \{2^5, 3^{18}, 6^9\})$	57982057632
6	$\mathcal{O}(2; \{2, 3^{21}, 6^9\})$	463856468832
6	$\mathcal{O}(2; \{2^{26}, 3, 6^{10}\})$	883872
6	$\mathcal{O}(2; \{2^{22}, 3^4, 6^{10}\})$	7078752
6	$\mathcal{O}(2; \{2^{18}, 3^7, 6^{10}\})$	56622240
6	$\mathcal{O}(2; \{2^{14}, 3^{10}, 6^{10}\})$	452985696
6	$\mathcal{O}(2; \{2^{10}, 3^{13}, 6^{10}\})$	3623877792
6	$\mathcal{O}(2; \{2^6, 3^{16}, 6^{10}\})$	28991030112
6	$\mathcal{O}(2; \{2^2, 3^{19}, 6^{10}\})$	231928233120

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{23}, 3^2, 6^{11}\})$	3538080
6	$\mathcal{O}(2; \{2^{19}, 3^5, 6^{11}\})$	28312416
6	$\mathcal{O}(2; \{2^{15}, 3^8, 6^{11}\})$	226491552
6	$\mathcal{O}(2; \{2^{11}, 3^{11}, 6^{11}\})$	1811940192
6	$\mathcal{O}(2; \{2^7, 3^{14}, 6^{11}\})$	14495513760
6	$\mathcal{O}(2; \{2^3, 3^{17}, 6^{11}\})$	115964117856
6	$\mathcal{O}(2; \{2^{24}, 6^{12}\})$	1770336
6	$\mathcal{O}(2; \{2^{20}, 3^3, 6^{12}\})$	14154912
6	$\mathcal{O}(2; \{2^{16}, 3^6, 6^{12}\})$	113247072
6	$\mathcal{O}(2; \{2^{12}, 3^9, 6^{12}\})$	905968800
6	$\mathcal{O}(2; \{2^8, 3^{12}, 6^{12}\})$	7247758176
6	$\mathcal{O}(2; \{2^4, 3^{15}, 6^{12}\})$	57982057632
6	$\mathcal{O}(2; \{3^{18}, 6^{12}\})$	463856468832
6	$\mathcal{O}(2; \{2^{21}, 3, 6^{13}\})$	7078752
6	$\mathcal{O}(2; \{2^{17}, 3^4, 6^{13}\})$	56622240
6	$\mathcal{O}(2; \{2^{13}, 3^7, 6^{13}\})$	452985696
6	$\mathcal{O}(2; \{2^9, 3^{10}, 6^{13}\})$	3623877792
6	$\mathcal{O}(2; \{2^5, 3^{13}, 6^{13}\})$	28991030112
6	$\mathcal{O}(2; \{2, 3^{16}, 6^{13}\})$	231928233120
6	$\mathcal{O}(2; \{2^{18}, 3^2, 6^{14}\})$	28312416
6	$\mathcal{O}(2; \{2^{14}, 3^5, 6^{14}\})$	226491552
6	$\mathcal{O}(2; \{2^{10}, 3^8, 6^{14}\})$	1811940192
6	$\mathcal{O}(2; \{2^6, 3^{11}, 6^{14}\})$	14495513760
6	$\mathcal{O}(2; \{2^2, 3^{14}, 6^{14}\})$	115964117856
6	$\mathcal{O}(2; \{2^{19}, 6^{15}\})$	14154912
6	$\mathcal{O}(2; \{2^{15}, 3^3, 6^{15}\})$	113247072
6	$\mathcal{O}(2; \{2^{11}, 3^6, 6^{15}\})$	905968800
6	$\mathcal{O}(2; \{2^7, 3^9, 6^{15}\})$	7247758176
6	$\mathcal{O}(2; \{2^3, 3^{12}, 6^{15}\})$	57982057632
6	$\mathcal{O}(2; \{2^{16}, 3, 6^{16}\})$	56622240
6	$\mathcal{O}(2; \{2^{12}, 3^4, 6^{16}\})$	452985696
6	$\mathcal{O}(2; \{2^8, 3^7, 6^{16}\})$	3623877792
6	$\mathcal{O}(2; \{2^4, 3^{10}, 6^{16}\})$	28991030112
6	$\mathcal{O}(2; \{3^{13}, 6^{16}\})$	231928233120
6	$\mathcal{O}(2; \{2^{13}, 3^2, 6^{17}\})$	226491552
6	$\mathcal{O}(2; \{2^9, 3^5, 6^{17}\})$	1811940192
6	$\mathcal{O}(2; \{2^5, 3^8, 6^{17}\})$	14495513760
6	$\mathcal{O}(2; \{2, 3^{11}, 6^{17}\})$	115964117856
6	$\mathcal{O}(2; \{2^{14}, 6^{18}\})$	113247072
6	$\mathcal{O}(2; \{2^{10}, 3^3, 6^{18}\})$	905968800
6	$\mathcal{O}(2; \{2^6, 3^6, 6^{18}\})$	7247758176
6	$\mathcal{O}(2; \{2^2, 3^9, 6^{18}\})$	57982057632
6	$\mathcal{O}(2; \{2^{11}, 3, 6^{19}\})$	452985696

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^7, 3^4, 6^{19}\})$	3623877792
6	$\mathcal{O}(2; \{2^3, 3^7, 6^{19}\})$	28991030112
6	$\mathcal{O}(2; \{2^8, 3^2, 6^{20}\})$	1811940192
6	$\mathcal{O}(2; \{2^4, 3^5, 6^{20}\})$	14495513760
6	$\mathcal{O}(2; \{3^8, 6^{20}\})$	115964117856
6	$\mathcal{O}(2; \{2^9, 6^{21}\})$	905968800
6	$\mathcal{O}(2; \{2^5, 3^3, 6^{21}\})$	7247758176
6	$\mathcal{O}(2; \{2, 3^6, 6^{21}\})$	57982057632
6	$\mathcal{O}(2; \{2^6, 3, 6^{22}\})$	3623877792
6	$\mathcal{O}(2; \{2^2, 3^4, 6^{22}\})$	28991030112
6	$\mathcal{O}(2; \{2^3, 3^2, 6^{23}\})$	14495513760
6	$\mathcal{O}(2; \{2^4, 6^{24}\})$	7247758176
6	$\mathcal{O}(2; \{3^3, 6^{24}\})$	57982057632
6	$\mathcal{O}(2; \{2, 3, 6^{25}\})$	28991030112
6	$\mathcal{O}(1; \{2^{48}\})$	32
6	$\mathcal{O}(1; \{2^{44}, 3^3\})$	72
6	$\mathcal{O}(1; \{2^{40}, 3^6\})$	792
6	$\mathcal{O}(1; \{2^{36}, 3^9\})$	6120
6	$\mathcal{O}(1; \{2^{32}, 3^{12}\})$	49176
6	$\mathcal{O}(1; \{2^{28}, 3^{15}\})$	393192
6	$\mathcal{O}(1; \{2^{24}, 3^{18}\})$	3145752
6	$\mathcal{O}(1; \{2^{20}, 3^{21}\})$	25165800
6	$\mathcal{O}(1; \{2^{16}, 3^{24}\})$	201326616
6	$\mathcal{O}(1; \{2^{12}, 3^{27}\})$	1610612712
6	$\mathcal{O}(1; \{2^8, 3^{30}\})$	12884901912
6	$\mathcal{O}(1; \{2^4, 3^{33}\})$	103079215080
6	$\mathcal{O}(1; \{3^{36}\})$	618475290642
6	$\mathcal{O}(1; \{2^{45}, 3, 6\})$	72
6	$\mathcal{O}(1; \{2^{41}, 3^4, 6\})$	360
6	$\mathcal{O}(1; \{2^{37}, 3^7, 6\})$	3096
6	$\mathcal{O}(1; \{2^{33}, 3^{10}, 6\})$	24552
6	$\mathcal{O}(1; \{2^{29}, 3^{13}, 6\})$	196632
6	$\mathcal{O}(1; \{2^{25}, 3^{16}, 6\})$	1572840
6	$\mathcal{O}(1; \{2^{21}, 3^{19}, 6\})$	12582936
6	$\mathcal{O}(1; \{2^{17}, 3^{22}, 6\})$	100663272
6	$\mathcal{O}(1; \{2^{13}, 3^{25}, 6\})$	805306392
6	$\mathcal{O}(1; \{2^9, 3^{28}, 6\})$	6442450920
6	$\mathcal{O}(1; \{2^5, 3^{31}, 6\})$	51539607576
6	$\mathcal{O}(1; \{2, 3^{34}, 6\})$	412316860392
6	$\mathcal{O}(1; \{2^{42}, 3^2, 6^2\})$	216
6	$\mathcal{O}(1; \{2^{38}, 3^5, 6^2\})$	1512
6	$\mathcal{O}(1; \{2^{34}, 3^8, 6^2\})$	12312
6	$\mathcal{O}(1; \{2^{30}, 3^{11}, 6^2\})$	98280

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{26}, 3^{14}, 6^2\})$	786456
6	$\mathcal{O}(1; \{2^{22}, 3^{17}, 6^2\})$	6291432
6	$\mathcal{O}(1; \{2^{18}, 3^{20}, 6^2\})$	50331672
6	$\mathcal{O}(1; \{2^{14}, 3^{23}, 6^2\})$	402653160
6	$\mathcal{O}(1; \{2^{10}, 3^{26}, 6^2\})$	3221225496
6	$\mathcal{O}(1; \{2^6, 3^{29}, 6^2\})$	25769803752
6	$\mathcal{O}(1; \{2^2, 3^{32}, 6^2\})$	206158430232
6	$\mathcal{O}(1; \{2^{43}, 6^3\})$	72
6	$\mathcal{O}(1; \{2^{39}, 3^3, 6^3\})$	792
6	$\mathcal{O}(1; \{2^{35}, 3^6, 6^3\})$	6120
6	$\mathcal{O}(1; \{2^{31}, 3^9, 6^3\})$	49176
6	$\mathcal{O}(1; \{2^{27}, 3^{12}, 6^3\})$	393192
6	$\mathcal{O}(1; \{2^{23}, 3^{15}, 6^3\})$	3145752
6	$\mathcal{O}(1; \{2^{19}, 3^{18}, 6^3\})$	25165800
6	$\mathcal{O}(1; \{2^{15}, 3^{21}, 6^3\})$	201326616
6	$\mathcal{O}(1; \{2^{11}, 3^{24}, 6^3\})$	1610612712
6	$\mathcal{O}(1; \{2^7, 3^{27}, 6^3\})$	12884901912
6	$\mathcal{O}(1; \{2^3, 3^{30}, 6^3\})$	103079215080
6	$\mathcal{O}(1; \{2^{40}, 3, 6^4\})$	360
6	$\mathcal{O}(1; \{2^{36}, 3^4, 6^4\})$	3096
6	$\mathcal{O}(1; \{2^{32}, 3^7, 6^4\})$	24552
6	$\mathcal{O}(1; \{2^{28}, 3^{10}, 6^4\})$	196632
6	$\mathcal{O}(1; \{2^{24}, 3^{13}, 6^4\})$	1572840
6	$\mathcal{O}(1; \{2^{20}, 3^{16}, 6^4\})$	12582936
6	$\mathcal{O}(1; \{2^{16}, 3^{19}, 6^4\})$	100663272
6	$\mathcal{O}(1; \{2^{12}, 3^{22}, 6^4\})$	805306392
6	$\mathcal{O}(1; \{2^8, 3^{25}, 6^4\})$	6442450920
6	$\mathcal{O}(1; \{2^4, 3^{28}, 6^4\})$	51539607576
6	$\mathcal{O}(1; \{3^{31}, 6^4\})$	412316860392
6	$\mathcal{O}(1; \{2^{37}, 3^2, 6^5\})$	1512
6	$\mathcal{O}(1; \{2^{33}, 3^5, 6^5\})$	12312
6	$\mathcal{O}(1; \{2^{29}, 3^8, 6^5\})$	98280
6	$\mathcal{O}(1; \{2^{25}, 3^{11}, 6^5\})$	786456
6	$\mathcal{O}(1; \{2^{21}, 3^{14}, 6^5\})$	6291432
6	$\mathcal{O}(1; \{2^{17}, 3^{17}, 6^5\})$	50331672
6	$\mathcal{O}(1; \{2^{13}, 3^{20}, 6^5\})$	402653160
6	$\mathcal{O}(1; \{2^9, 3^{23}, 6^5\})$	3221225496
6	$\mathcal{O}(1; \{2^5, 3^{26}, 6^5\})$	25769803752
6	$\mathcal{O}(1; \{2, 3^{29}, 6^5\})$	206158430232
6	$\mathcal{O}(1; \{2^{38}, 6^6\})$	792
6	$\mathcal{O}(1; \{2^{34}, 3^3, 6^6\})$	6120
6	$\mathcal{O}(1; \{2^{30}, 3^6, 6^6\})$	49176
6	$\mathcal{O}(1; \{2^{26}, 3^9, 6^6\})$	393192

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{22}, 3^{12}, 6^6\})$	3145752
6	$\mathcal{O}(1; \{2^{18}, 3^{15}, 6^6\})$	25165800
6	$\mathcal{O}(1; \{2^{14}, 3^{18}, 6^6\})$	201326616
6	$\mathcal{O}(1; \{2^{10}, 3^{21}, 6^6\})$	1610612712
6	$\mathcal{O}(1; \{2^6, 3^{24}, 6^6\})$	12884901912
6	$\mathcal{O}(1; \{2^2, 3^{27}, 6^6\})$	103079215080
6	$\mathcal{O}(1; \{2^{35}, 3, 6^7\})$	3096
6	$\mathcal{O}(1; \{2^{31}, 3^4, 6^7\})$	24552
6	$\mathcal{O}(1; \{2^{27}, 3^7, 6^7\})$	196632
6	$\mathcal{O}(1; \{2^{23}, 3^{10}, 6^7\})$	1572840
6	$\mathcal{O}(1; \{2^{19}, 3^{13}, 6^7\})$	12582936
6	$\mathcal{O}(1; \{2^{15}, 3^{16}, 6^7\})$	100663272
6	$\mathcal{O}(1; \{2^{11}, 3^{19}, 6^7\})$	805306392
6	$\mathcal{O}(1; \{2^7, 3^{22}, 6^7\})$	6442450920
6	$\mathcal{O}(1; \{2^3, 3^{25}, 6^7\})$	51539607576
6	$\mathcal{O}(1; \{2^{32}, 3^2, 6^8\})$	12312
6	$\mathcal{O}(1; \{2^{28}, 3^5, 6^8\})$	98280
6	$\mathcal{O}(1; \{2^{24}, 3^8, 6^8\})$	786456
6	$\mathcal{O}(1; \{2^{20}, 3^{11}, 6^8\})$	6291432
6	$\mathcal{O}(1; \{2^{16}, 3^{14}, 6^8\})$	50331672
6	$\mathcal{O}(1; \{2^{12}, 3^{17}, 6^8\})$	402653160
6	$\mathcal{O}(1; \{2^8, 3^{20}, 6^8\})$	3221225496
6	$\mathcal{O}(1; \{2^4, 3^{23}, 6^8\})$	25769803752
6	$\mathcal{O}(1; \{3^{26}, 6^8\})$	206158430232
6	$\mathcal{O}(1; \{2^{33}, 6^9\})$	6120
6	$\mathcal{O}(1; \{2^{29}, 3^3, 6^9\})$	49176
6	$\mathcal{O}(1; \{2^{25}, 3^6, 6^9\})$	393192
6	$\mathcal{O}(1; \{2^{21}, 3^9, 6^9\})$	3145752
6	$\mathcal{O}(1; \{2^{17}, 3^{12}, 6^9\})$	25165800
6	$\mathcal{O}(1; \{2^{13}, 3^{15}, 6^9\})$	201326616
6	$\mathcal{O}(1; \{2^9, 3^{18}, 6^9\})$	1610612712
6	$\mathcal{O}(1; \{2^5, 3^{21}, 6^9\})$	12884901912
6	$\mathcal{O}(1; \{2, 3^{24}, 6^9\})$	103079215080
6	$\mathcal{O}(1; \{2^{30}, 3, 6^{10}\})$	24552
6	$\mathcal{O}(1; \{2^{26}, 3^4, 6^{10}\})$	196632
6	$\mathcal{O}(1; \{2^{22}, 3^7, 6^{10}\})$	1572840
6	$\mathcal{O}(1; \{2^{18}, 3^{10}, 6^{10}\})$	12582936
6	$\mathcal{O}(1; \{2^{14}, 3^{13}, 6^{10}\})$	100663272
6	$\mathcal{O}(1; \{2^{10}, 3^{16}, 6^{10}\})$	805306392
6	$\mathcal{O}(1; \{2^6, 3^{19}, 6^{10}\})$	6442450920
6	$\mathcal{O}(1; \{2^2, 3^{22}, 6^{10}\})$	51539607576
6	$\mathcal{O}(1; \{2^{27}, 3^2, 6^{11}\})$	98280
6	$\mathcal{O}(1; \{2^{23}, 3^5, 6^{11}\})$	786456

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{19}, 3^8, 6^{11}\})$	6291432
6	$\mathcal{O}(1; \{2^{15}, 3^{11}, 6^{11}\})$	50331672
6	$\mathcal{O}(1; \{2^{11}, 3^{14}, 6^{11}\})$	402653160
6	$\mathcal{O}(1; \{2^7, 3^{17}, 6^{11}\})$	3221225496
6	$\mathcal{O}(1; \{2^3, 3^{20}, 6^{11}\})$	25769803752
6	$\mathcal{O}(1; \{2^{28}, 6^{12}\})$	49176
6	$\mathcal{O}(1; \{2^{24}, 3^3, 6^{12}\})$	393192
6	$\mathcal{O}(1; \{2^{20}, 3^6, 6^{12}\})$	3145752
6	$\mathcal{O}(1; \{2^{16}, 3^9, 6^{12}\})$	25165800
6	$\mathcal{O}(1; \{2^{12}, 3^{12}, 6^{12}\})$	201326616
6	$\mathcal{O}(1; \{2^8, 3^{15}, 6^{12}\})$	1610612712
6	$\mathcal{O}(1; \{2^4, 3^{18}, 6^{12}\})$	12884901912
6	$\mathcal{O}(1; \{3^{21}, 6^{12}\})$	103079215080
6	$\mathcal{O}(1; \{2^{25}, 3, 6^{13}\})$	196632
6	$\mathcal{O}(1; \{2^{21}, 3^4, 6^{13}\})$	1572840
6	$\mathcal{O}(1; \{2^{17}, 3^7, 6^{13}\})$	12582936
6	$\mathcal{O}(1; \{2^{13}, 3^{10}, 6^{13}\})$	100663272
6	$\mathcal{O}(1; \{2^9, 3^{13}, 6^{13}\})$	805306392
6	$\mathcal{O}(1; \{2^5, 3^{16}, 6^{13}\})$	6442450920
6	$\mathcal{O}(1; \{2, 3^{19}, 6^{13}\})$	51539607576
6	$\mathcal{O}(1; \{2^{22}, 3^2, 6^{14}\})$	786456
6	$\mathcal{O}(1; \{2^{18}, 3^5, 6^{14}\})$	6291432
6	$\mathcal{O}(1; \{2^{14}, 3^8, 6^{14}\})$	50331672
6	$\mathcal{O}(1; \{2^{10}, 3^{11}, 6^{14}\})$	402653160
6	$\mathcal{O}(1; \{2^6, 3^{14}, 6^{14}\})$	3221225496
6	$\mathcal{O}(1; \{2^2, 3^{17}, 6^{14}\})$	25769803752
6	$\mathcal{O}(1; \{2^{23}, 6^{15}\})$	393192
6	$\mathcal{O}(1; \{2^{19}, 3^3, 6^{15}\})$	3145752
6	$\mathcal{O}(1; \{2^{15}, 3^6, 6^{15}\})$	25165800
6	$\mathcal{O}(1; \{2^{11}, 3^9, 6^{15}\})$	201326616
6	$\mathcal{O}(1; \{2^7, 3^{12}, 6^{15}\})$	1610612712
6	$\mathcal{O}(1; \{2^3, 3^{15}, 6^{15}\})$	12884901912
6	$\mathcal{O}(1; \{2^{20}, 3, 6^{16}\})$	1572840
6	$\mathcal{O}(1; \{2^{16}, 3^4, 6^{16}\})$	12582936
6	$\mathcal{O}(1; \{2^{12}, 3^7, 6^{16}\})$	100663272
6	$\mathcal{O}(1; \{2^8, 3^{10}, 6^{16}\})$	805306392
6	$\mathcal{O}(1; \{2^4, 3^{13}, 6^{16}\})$	6442450920
6	$\mathcal{O}(1; \{3^{16}, 6^{16}\})$	51539607576
6	$\mathcal{O}(1; \{2^{17}, 3^2, 6^{17}\})$	6291432
6	$\mathcal{O}(1; \{2^{13}, 3^5, 6^{17}\})$	50331672
6	$\mathcal{O}(1; \{2^9, 3^8, 6^{17}\})$	402653160
6	$\mathcal{O}(1; \{2^5, 3^{11}, 6^{17}\})$	3221225496
6	$\mathcal{O}(1; \{2, 3^{14}, 6^{17}\})$	25769803752

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{18}, 6^{18}\})$	3145752
6	$\mathcal{O}(1; \{2^{14}, 3^3, 6^{18}\})$	25165800
6	$\mathcal{O}(1; \{2^{10}, 3^6, 6^{18}\})$	201326616
6	$\mathcal{O}(1; \{2^6, 3^9, 6^{18}\})$	1610612712
6	$\mathcal{O}(1; \{2^2, 3^{12}, 6^{18}\})$	12884901912
6	$\mathcal{O}(1; \{2^{15}, 3, 6^{19}\})$	12582936
6	$\mathcal{O}(1; \{2^{11}, 3^4, 6^{19}\})$	100663272
6	$\mathcal{O}(1; \{2^7, 3^7, 6^{19}\})$	805306392
6	$\mathcal{O}(1; \{2^3, 3^{10}, 6^{19}\})$	6442450920
6	$\mathcal{O}(1; \{2^{12}, 3^2, 6^{20}\})$	50331672
6	$\mathcal{O}(1; \{2^8, 3^5, 6^{20}\})$	402653160
6	$\mathcal{O}(1; \{2^4, 3^8, 6^{20}\})$	3221225496
6	$\mathcal{O}(1; \{3^{11}, 6^{20}\})$	25769803752
6	$\mathcal{O}(1; \{2^{13}, 6^{21}\})$	25165800
6	$\mathcal{O}(1; \{2^9, 3^3, 6^{21}\})$	201326616
6	$\mathcal{O}(1; \{2^5, 3^6, 6^{21}\})$	1610612712
6	$\mathcal{O}(1; \{2, 3^9, 6^{21}\})$	12884901912
6	$\mathcal{O}(1; \{2^{10}, 3, 6^{22}\})$	100663272
6	$\mathcal{O}(1; \{2^6, 3^4, 6^{22}\})$	805306392
6	$\mathcal{O}(1; \{2^2, 3^7, 6^{22}\})$	6442450920
6	$\mathcal{O}(1; \{2^7, 3^2, 6^{23}\})$	402653160
6	$\mathcal{O}(1; \{2^3, 3^5, 6^{23}\})$	3221225496
6	$\mathcal{O}(1; \{2^8, 6^{24}\})$	201326616
6	$\mathcal{O}(1; \{2^4, 3^3, 6^{24}\})$	1610612712
6	$\mathcal{O}(1; \{3^6, 6^{24}\})$	12884901912
6	$\mathcal{O}(1; \{2^5, 3, 6^{25}\})$	805306392
6	$\mathcal{O}(1; \{2, 3^4, 6^{25}\})$	6442450920
6	$\mathcal{O}(1; \{2^2, 3^2, 6^{26}\})$	3221225496
6	$\mathcal{O}(1; \{2^3, 6^{27}\})$	1610612712
6	$\mathcal{O}(1; \{3, 6^{28}\})$	6442450920
6	$\mathcal{O}(0; \{2^{48}, 3^3\})$	2
6	$\mathcal{O}(0; \{2^{44}, 3^6\})$	22
6	$\mathcal{O}(0; \{2^{40}, 3^9\})$	170
6	$\mathcal{O}(0; \{2^{36}, 3^{12}\})$	1366
6	$\mathcal{O}(0; \{2^{32}, 3^{15}\})$	10922
6	$\mathcal{O}(0; \{2^{28}, 3^{18}\})$	87382
6	$\mathcal{O}(0; \{2^{24}, 3^{21}\})$	699050
6	$\mathcal{O}(0; \{2^{20}, 3^{24}\})$	5592406
6	$\mathcal{O}(0; \{2^{16}, 3^{27}\})$	44739242
6	$\mathcal{O}(0; \{2^{12}, 3^{30}\})$	357913942
6	$\mathcal{O}(0; \{2^8, 3^{33}\})$	2863311530
6	$\mathcal{O}(0; \{2^4, 3^{36}\})$	22906492246
6	$\mathcal{O}(0; \{2^{49}, 3, 6\})$	2

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{45}, 3^4, 6\})$	10
6	$\mathcal{O}(0; \{2^{41}, 3^7, 6\})$	86
6	$\mathcal{O}(0; \{2^{37}, 3^{10}, 6\})$	682
6	$\mathcal{O}(0; \{2^{33}, 3^{13}, 6\})$	5462
6	$\mathcal{O}(0; \{2^{29}, 3^{16}, 6\})$	43690
6	$\mathcal{O}(0; \{2^{25}, 3^{19}, 6\})$	349526
6	$\mathcal{O}(0; \{2^{21}, 3^{22}, 6\})$	2796202
6	$\mathcal{O}(0; \{2^{17}, 3^{25}, 6\})$	22369622
6	$\mathcal{O}(0; \{2^{13}, 3^{28}, 6\})$	178956970
6	$\mathcal{O}(0; \{2^9, 3^{31}, 6\})$	1431655766
6	$\mathcal{O}(0; \{2^5, 3^{34}, 6\})$	11453246122
6	$\mathcal{O}(0; \{2, 3^{37}, 6\})$	91625968982
6	$\mathcal{O}(0; \{2^{46}, 3^2, 6^2\})$	6
6	$\mathcal{O}(0; \{2^{42}, 3^5, 6^2\})$	42
6	$\mathcal{O}(0; \{2^{38}, 3^8, 6^2\})$	342
6	$\mathcal{O}(0; \{2^{34}, 3^{11}, 6^2\})$	2730
6	$\mathcal{O}(0; \{2^{30}, 3^{14}, 6^2\})$	21846
6	$\mathcal{O}(0; \{2^{26}, 3^{17}, 6^2\})$	174762
6	$\mathcal{O}(0; \{2^{22}, 3^{20}, 6^2\})$	1398102
6	$\mathcal{O}(0; \{2^{18}, 3^{23}, 6^2\})$	11184810
6	$\mathcal{O}(0; \{2^{14}, 3^{26}, 6^2\})$	89478486
6	$\mathcal{O}(0; \{2^{10}, 3^{29}, 6^2\})$	715827882
6	$\mathcal{O}(0; \{2^6, 3^{32}, 6^2\})$	5726623062
6	$\mathcal{O}(0; \{2^2, 3^{35}, 6^2\})$	45812984490
6	$\mathcal{O}(0; \{2^{47}, 6^3\})$	2
6	$\mathcal{O}(0; \{2^{43}, 3^3, 6^3\})$	22
6	$\mathcal{O}(0; \{2^{39}, 3^6, 6^3\})$	170
6	$\mathcal{O}(0; \{2^{35}, 3^9, 6^3\})$	1366
6	$\mathcal{O}(0; \{2^{31}, 3^{12}, 6^3\})$	10922
6	$\mathcal{O}(0; \{2^{27}, 3^{15}, 6^3\})$	87382
6	$\mathcal{O}(0; \{2^{23}, 3^{18}, 6^3\})$	699050
6	$\mathcal{O}(0; \{2^{19}, 3^{21}, 6^3\})$	5592406
6	$\mathcal{O}(0; \{2^{15}, 3^{24}, 6^3\})$	44739242
6	$\mathcal{O}(0; \{2^{11}, 3^{27}, 6^3\})$	357913942
6	$\mathcal{O}(0; \{2^7, 3^{30}, 6^3\})$	2863311530
6	$\mathcal{O}(0; \{2^3, 3^{33}, 6^3\})$	22906492246
6	$\mathcal{O}(0; \{2^{44}, 3, 6^4\})$	10
6	$\mathcal{O}(0; \{2^{40}, 3^4, 6^4\})$	86
6	$\mathcal{O}(0; \{2^{36}, 3^7, 6^4\})$	682
6	$\mathcal{O}(0; \{2^{32}, 3^{10}, 6^4\})$	5462
6	$\mathcal{O}(0; \{2^{28}, 3^{13}, 6^4\})$	43690
6	$\mathcal{O}(0; \{2^{24}, 3^{16}, 6^4\})$	349526
6	$\mathcal{O}(0; \{2^{20}, 3^{19}, 6^4\})$	2796202

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{12}, 3^{20}, 6^8\})$	89478486
6	$\mathcal{O}(0; \{2^8, 3^{23}, 6^8\})$	715827882
6	$\mathcal{O}(0; \{2^4, 3^{26}, 6^8\})$	5726623062
6	$\mathcal{O}(0; \{3^{29}, 6^8\})$	45812984490
6	$\mathcal{O}(0; \{2^{37}, 6^9\})$	170
6	$\mathcal{O}(0; \{2^{33}, 3^3, 6^9\})$	1366
6	$\mathcal{O}(0; \{2^{29}, 3^6, 6^9\})$	10922
6	$\mathcal{O}(0; \{2^{25}, 3^9, 6^9\})$	87382
6	$\mathcal{O}(0; \{2^{21}, 3^{12}, 6^9\})$	699050
6	$\mathcal{O}(0; \{2^{17}, 3^{15}, 6^9\})$	5592406
6	$\mathcal{O}(0; \{2^{13}, 3^{18}, 6^9\})$	44739242
6	$\mathcal{O}(0; \{2^9, 3^{21}, 6^9\})$	357913942
6	$\mathcal{O}(0; \{2^5, 3^{24}, 6^9\})$	2863311530
6	$\mathcal{O}(0; \{2, 3^{27}, 6^9\})$	22906492246
6	$\mathcal{O}(0; \{2^{34}, 3, 6^{10}\})$	682
6	$\mathcal{O}(0; \{2^{30}, 3^4, 6^{10}\})$	5462
6	$\mathcal{O}(0; \{2^{26}, 3^7, 6^{10}\})$	43690
6	$\mathcal{O}(0; \{2^{22}, 3^{10}, 6^{10}\})$	349526
6	$\mathcal{O}(0; \{2^{18}, 3^{13}, 6^{10}\})$	2796202
6	$\mathcal{O}(0; \{2^{14}, 3^{16}, 6^{10}\})$	22369622
6	$\mathcal{O}(0; \{2^{10}, 3^{19}, 6^{10}\})$	178956970
6	$\mathcal{O}(0; \{2^6, 3^{22}, 6^{10}\})$	1431655766
6	$\mathcal{O}(0; \{2^2, 3^{25}, 6^{10}\})$	11453246122
6	$\mathcal{O}(0; \{2^{31}, 3^2, 6^{11}\})$	2730
6	$\mathcal{O}(0; \{2^{27}, 3^5, 6^{11}\})$	21846
6	$\mathcal{O}(0; \{2^{23}, 3^8, 6^{11}\})$	174762
6	$\mathcal{O}(0; \{2^{19}, 3^{11}, 6^{11}\})$	1398102
6	$\mathcal{O}(0; \{2^{15}, 3^{14}, 6^{11}\})$	11184810
6	$\mathcal{O}(0; \{2^{11}, 3^{17}, 6^{11}\})$	89478486
6	$\mathcal{O}(0; \{2^7, 3^{20}, 6^{11}\})$	715827882
6	$\mathcal{O}(0; \{2^3, 3^{23}, 6^{11}\})$	5726623062
6	$\mathcal{O}(0; \{2^{32}, 6^{12}\})$	1366
6	$\mathcal{O}(0; \{2^{28}, 3^3, 6^{12}\})$	10922
6	$\mathcal{O}(0; \{2^{24}, 3^6, 6^{12}\})$	87382
6	$\mathcal{O}(0; \{2^{20}, 3^9, 6^{12}\})$	699050
6	$\mathcal{O}(0; \{2^{16}, 3^{12}, 6^{12}\})$	5592406
6	$\mathcal{O}(0; \{2^{12}, 3^{15}, 6^{12}\})$	44739242
6	$\mathcal{O}(0; \{2^8, 3^{18}, 6^{12}\})$	357913942
6	$\mathcal{O}(0; \{2^4, 3^{21}, 6^{12}\})$	2863311530
6	$\mathcal{O}(0; \{3^{24}, 6^{12}\})$	22906492246
6	$\mathcal{O}(0; \{2^{29}, 3, 6^{13}\})$	5462
6	$\mathcal{O}(0; \{2^{25}, 3^4, 6^{13}\})$	43690
6	$\mathcal{O}(0; \{2^{21}, 3^7, 6^{13}\})$	349526

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{17}, 3^{10}, 6^{13}\})$	2796202
6	$\mathcal{O}(0; \{2^{13}, 3^{13}, 6^{13}\})$	22369622
6	$\mathcal{O}(0; \{2^9, 3^{16}, 6^{13}\})$	178956970
6	$\mathcal{O}(0; \{2^5, 3^{19}, 6^{13}\})$	1431655766
6	$\mathcal{O}(0; \{2, 3^{22}, 6^{13}\})$	11453246122
6	$\mathcal{O}(0; \{2^{26}, 3^2, 6^{14}\})$	21846
6	$\mathcal{O}(0; \{2^{22}, 3^5, 6^{14}\})$	174762
6	$\mathcal{O}(0; \{2^{18}, 3^8, 6^{14}\})$	1398102
6	$\mathcal{O}(0; \{2^{14}, 3^{11}, 6^{14}\})$	11184810
6	$\mathcal{O}(0; \{2^{10}, 3^{14}, 6^{14}\})$	89478486
6	$\mathcal{O}(0; \{2^6, 3^{17}, 6^{14}\})$	715827882
6	$\mathcal{O}(0; \{2^2, 3^{20}, 6^{14}\})$	5726623062
6	$\mathcal{O}(0; \{2^{27}, 6^{15}\})$	10922
6	$\mathcal{O}(0; \{2^{23}, 3^3, 6^{15}\})$	87382
6	$\mathcal{O}(0; \{2^{19}, 3^6, 6^{15}\})$	699050
6	$\mathcal{O}(0; \{2^{15}, 3^9, 6^{15}\})$	5592406
6	$\mathcal{O}(0; \{2^{11}, 3^{12}, 6^{15}\})$	44739242
6	$\mathcal{O}(0; \{2^7, 3^{15}, 6^{15}\})$	357913942
6	$\mathcal{O}(0; \{2^3, 3^{18}, 6^{15}\})$	2863311530
6	$\mathcal{O}(0; \{2^{24}, 3, 6^{16}\})$	43690
6	$\mathcal{O}(0; \{2^{20}, 3^4, 6^{16}\})$	349526
6	$\mathcal{O}(0; \{2^{16}, 3^7, 6^{16}\})$	2796202
6	$\mathcal{O}(0; \{2^{12}, 3^{10}, 6^{16}\})$	22369622
6	$\mathcal{O}(0; \{2^8, 3^{13}, 6^{16}\})$	178956970
6	$\mathcal{O}(0; \{2^4, 3^{16}, 6^{16}\})$	1431655766
6	$\mathcal{O}(0; \{3^{19}, 6^{16}\})$	11453246122
6	$\mathcal{O}(0; \{2^{21}, 3^2, 6^{17}\})$	174762
6	$\mathcal{O}(0; \{2^{17}, 3^5, 6^{17}\})$	1398102
6	$\mathcal{O}(0; \{2^{13}, 3^8, 6^{17}\})$	11184810
6	$\mathcal{O}(0; \{2^9, 3^{11}, 6^{17}\})$	89478486
6	$\mathcal{O}(0; \{2^5, 3^{14}, 6^{17}\})$	715827882
6	$\mathcal{O}(0; \{2, 3^{17}, 6^{17}\})$	5726623062
6	$\mathcal{O}(0; \{2^{22}, 6^{18}\})$	87382
6	$\mathcal{O}(0; \{2^{18}, 3^3, 6^{18}\})$	699050
6	$\mathcal{O}(0; \{2^{14}, 3^6, 6^{18}\})$	5592406
6	$\mathcal{O}(0; \{2^{10}, 3^9, 6^{18}\})$	44739242
6	$\mathcal{O}(0; \{2^6, 3^{12}, 6^{18}\})$	357913942
6	$\mathcal{O}(0; \{2^2, 3^{15}, 6^{18}\})$	2863311530
6	$\mathcal{O}(0; \{2^{19}, 3, 6^{19}\})$	349526
6	$\mathcal{O}(0; \{2^{15}, 3^4, 6^{19}\})$	2796202
6	$\mathcal{O}(0; \{2^{11}, 3^7, 6^{19}\})$	22369622
6	$\mathcal{O}(0; \{2^7, 3^{10}, 6^{19}\})$	178956970
6	$\mathcal{O}(0; \{2^3, 3^{13}, 6^{19}\})$	1431655766

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{16}, 3^2, 6^{20}\})$	1398102
6	$\mathcal{O}(0; \{2^{12}, 3^5, 6^{20}\})$	11184810
6	$\mathcal{O}(0; \{2^8, 3^8, 6^{20}\})$	89478486
6	$\mathcal{O}(0; \{2^4, 3^{11}, 6^{20}\})$	715827882
6	$\mathcal{O}(0; \{3^{14}, 6^{20}\})$	5726623062
6	$\mathcal{O}(0; \{2^{17}, 6^{21}\})$	699050
6	$\mathcal{O}(0; \{2^{13}, 3^3, 6^{21}\})$	5592406
6	$\mathcal{O}(0; \{2^9, 3^6, 6^{21}\})$	44739242
6	$\mathcal{O}(0; \{2^5, 3^9, 6^{21}\})$	357913942
6	$\mathcal{O}(0; \{2, 3^{12}, 6^{21}\})$	2863311530
6	$\mathcal{O}(0; \{2^{14}, 3, 6^{22}\})$	2796202
6	$\mathcal{O}(0; \{2^{10}, 3^4, 6^{22}\})$	22369622
6	$\mathcal{O}(0; \{2^6, 3^7, 6^{22}\})$	178956970
6	$\mathcal{O}(0; \{2^2, 3^{10}, 6^{22}\})$	1431655766
6	$\mathcal{O}(0; \{2^{11}, 3^2, 6^{23}\})$	11184810
6	$\mathcal{O}(0; \{2^7, 3^5, 6^{23}\})$	89478486
6	$\mathcal{O}(0; \{2^3, 3^8, 6^{23}\})$	715827882
6	$\mathcal{O}(0; \{2^{12}, 6^{24}\})$	5592406
6	$\mathcal{O}(0; \{2^8, 3^3, 6^{24}\})$	44739242
6	$\mathcal{O}(0; \{2^4, 3^6, 6^{24}\})$	357913942
6	$\mathcal{O}(0; \{3^9, 6^{24}\})$	2863311530
6	$\mathcal{O}(0; \{2^9, 3, 6^{25}\})$	22369622
6	$\mathcal{O}(0; \{2^5, 3^4, 6^{25}\})$	178956970
6	$\mathcal{O}(0; \{2, 3^7, 6^{25}\})$	1431655766
6	$\mathcal{O}(0; \{2^6, 3^2, 6^{26}\})$	89478486
6	$\mathcal{O}(0; \{2^2, 3^5, 6^{26}\})$	715827882
6	$\mathcal{O}(0; \{2^7, 6^{27}\})$	44739242
6	$\mathcal{O}(0; \{2^3, 3^3, 6^{27}\})$	357913942
6	$\mathcal{O}(0; \{2^4, 3, 6^{28}\})$	178956970
6	$\mathcal{O}(0; \{3^4, 6^{28}\})$	1431655766
6	$\mathcal{O}(0; \{2, 3^2, 6^{29}\})$	715827882
6	$\mathcal{O}(0; \{2^2, 6^{30}\})$	357913942
7	$\mathcal{O}(10; \{7^3\})$	2393767988928360030
7	$\mathcal{O}(7; \{7^{10}\})$	5858508537069556074
7	$\mathcal{O}(4; \{7^{17}\})$	13939831899091278390
7	$\mathcal{O}(1; \{7^{24}\})$	33168669368251318314
8	$\mathcal{O}(10; \emptyset)$	1152920405095219200
8	$\mathcal{O}(9; \{2^4\})$	18014329790005248
8	$\mathcal{O}(9; \{2, 4^2\})$	36028659580010496
8	$\mathcal{O}(8; \{2^8\})$	281470681743360
8	$\mathcal{O}(8; \{2^5, 4^2\})$	562941363486720
8	$\mathcal{O}(8; \{2^2, 4^4\})$	2251765453946880
8	$\mathcal{O}(8; \{2^3, 4, 8^2\})$	2251799813685248

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(8; \{4^3, 8^2\})$	9007199254740992
8	$\mathcal{O}(8; \{2, 8^4\})$	18014398509481984
8	$\mathcal{O}(7; \{2^{12}\})$	4397778075648
8	$\mathcal{O}(7; \{2^9, 4^2\})$	8795556151296
8	$\mathcal{O}(7; \{2^6, 4^4\})$	35182224605184
8	$\mathcal{O}(7; \{2^3, 4^6\})$	140728898420736
8	$\mathcal{O}(7; \{4^8\})$	562915593682944
8	$\mathcal{O}(7; \{2^7, 4, 8^2\})$	35184372088832
8	$\mathcal{O}(7; \{2^4, 4^3, 8^2\})$	140737488355328
8	$\mathcal{O}(7; \{2, 4^5, 8^2\})$	562949953421312
8	$\mathcal{O}(7; \{2^5, 8^4\})$	281474976710656
8	$\mathcal{O}(7; \{2^2, 4^2, 8^4\})$	1125899906842624
8	$\mathcal{O}(7; \{4, 8^6\})$	9007199254740992
8	$\mathcal{O}(6; \{2^{16}\})$	68702699520
8	$\mathcal{O}(6; \{2^{13}, 4^2\})$	137405399040
8	$\mathcal{O}(6; \{2^{10}, 4^4\})$	549621596160
8	$\mathcal{O}(6; \{2^7, 4^6\})$	2198486384640
8	$\mathcal{O}(6; \{2^4, 4^8\})$	8793945538560
8	$\mathcal{O}(6; \{2, 4^{10}\})$	35175782154240
8	$\mathcal{O}(6; \{2^{11}, 4, 8^2\})$	549755813888
8	$\mathcal{O}(6; \{2^8, 4^3, 8^2\})$	2199023255552
8	$\mathcal{O}(6; \{2^5, 4^5, 8^2\})$	8796093022208
8	$\mathcal{O}(6; \{2^2, 4^7, 8^2\})$	35184372088832
8	$\mathcal{O}(6; \{2^9, 8^4\})$	4398046511104
8	$\mathcal{O}(6; \{2^6, 4^2, 8^4\})$	17592186044416
8	$\mathcal{O}(6; \{2^3, 4^4, 8^4\})$	70368744177664
8	$\mathcal{O}(6; \{4^6, 8^4\})$	281474976710656
8	$\mathcal{O}(6; \{2^4, 4, 8^6\})$	140737488355328
8	$\mathcal{O}(6; \{2, 4^3, 8^6\})$	562949953421312
8	$\mathcal{O}(6; \{2^2, 8^8\})$	1125899906842624
8	$\mathcal{O}(5; \{2^{20}\})$	1072693248
8	$\mathcal{O}(5; \{2^{17}, 4^2\})$	2145386496
8	$\mathcal{O}(5; \{2^{14}, 4^4\})$	8581545984
8	$\mathcal{O}(5; \{2^{11}, 4^6\})$	34326183936
8	$\mathcal{O}(5; \{2^8, 4^8\})$	137304735744
8	$\mathcal{O}(5; \{2^5, 4^{10}\})$	549218942976
8	$\mathcal{O}(5; \{2^2, 4^{12}\})$	2196875771904
8	$\mathcal{O}(5; \{2^{15}, 4, 8^2\})$	8589934592
8	$\mathcal{O}(5; \{2^{12}, 4^3, 8^2\})$	34359738368
8	$\mathcal{O}(5; \{2^9, 4^5, 8^2\})$	137438953472
8	$\mathcal{O}(5; \{2^6, 4^7, 8^2\})$	549755813888
8	$\mathcal{O}(5; \{2^3, 4^9, 8^2\})$	2199023255552
8	$\mathcal{O}(5; \{4^{11}, 8^2\})$	8796093022208

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{2^{13}, 8^4\})$	68719476736
8	$\mathcal{O}(5; \{2^{10}, 4^2, 8^4\})$	274877906944
8	$\mathcal{O}(5; \{2^7, 4^4, 8^4\})$	1099511627776
8	$\mathcal{O}(5; \{2^4, 4^6, 8^4\})$	4398046511104
8	$\mathcal{O}(5; \{2, 4^8, 8^4\})$	17592186044416
8	$\mathcal{O}(5; \{2^8, 4, 8^6\})$	2199023255552
8	$\mathcal{O}(5; \{2^5, 4^3, 8^6\})$	8796093022208
8	$\mathcal{O}(5; \{2^2, 4^5, 8^6\})$	35184372088832
8	$\mathcal{O}(5; \{2^6, 8^8\})$	17592186044416
8	$\mathcal{O}(5; \{2^3, 4^2, 8^8\})$	70368744177664
8	$\mathcal{O}(5; \{4^4, 8^8\})$	281474976710656
8	$\mathcal{O}(5; \{2, 4, 8^{10}\})$	562949953421312
8	$\mathcal{O}(4; \{2^{24}\})$	16711680
8	$\mathcal{O}(4; \{2^{21}, 4^2\})$	33423360
8	$\mathcal{O}(4; \{2^{18}, 4^4\})$	133693440
8	$\mathcal{O}(4; \{2^{15}, 4^6\})$	534773760
8	$\mathcal{O}(4; \{2^{12}, 4^8\})$	2139095040
8	$\mathcal{O}(4; \{2^9, 4^{10}\})$	8556380160
8	$\mathcal{O}(4; \{2^6, 4^{12}\})$	34225520640
8	$\mathcal{O}(4; \{2^3, 4^{14}\})$	136902082560
8	$\mathcal{O}(4; \{4^{16}\})$	547608330240
8	$\mathcal{O}(4; \{2^{19}, 4, 8^2\})$	134217728
8	$\mathcal{O}(4; \{2^{16}, 4^3, 8^2\})$	536870912
8	$\mathcal{O}(4; \{2^{13}, 4^5, 8^2\})$	2147483648
8	$\mathcal{O}(4; \{2^{10}, 4^7, 8^2\})$	8589934592
8	$\mathcal{O}(4; \{2^7, 4^9, 8^2\})$	34359738368
8	$\mathcal{O}(4; \{2^4, 4^{11}, 8^2\})$	137438953472
8	$\mathcal{O}(4; \{2, 4^{13}, 8^2\})$	549755813888
8	$\mathcal{O}(4; \{2^{17}, 8^4\})$	1073741824
8	$\mathcal{O}(4; \{2^{14}, 4^2, 8^4\})$	4294967296
8	$\mathcal{O}(4; \{2^{11}, 4^4, 8^4\})$	17179869184
8	$\mathcal{O}(4; \{2^8, 4^6, 8^4\})$	68719476736
8	$\mathcal{O}(4; \{2^5, 4^8, 8^4\})$	274877906944
8	$\mathcal{O}(4; \{2^2, 4^{10}, 8^4\})$	1099511627776
8	$\mathcal{O}(4; \{2^{12}, 4, 8^6\})$	34359738368
8	$\mathcal{O}(4; \{2^9, 4^3, 8^6\})$	137438953472
8	$\mathcal{O}(4; \{2^6, 4^5, 8^6\})$	549755813888
8	$\mathcal{O}(4; \{2^3, 4^7, 8^6\})$	2199023255552
8	$\mathcal{O}(4; \{4^9, 8^6\})$	8796093022208
8	$\mathcal{O}(4; \{2^{10}, 8^8\})$	274877906944
8	$\mathcal{O}(4; \{2^7, 4^2, 8^8\})$	1099511627776
8	$\mathcal{O}(4; \{2^4, 4^4, 8^8\})$	4398046511104
8	$\mathcal{O}(4; \{2, 4^6, 8^8\})$	17592186044416

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{2^5, 4, 8^{10}\})$	8796093022208
8	$\mathcal{O}(4; \{2^2, 4^3, 8^{10}\})$	35184372088832
8	$\mathcal{O}(4; \{2^3, 8^{12}\})$	70368744177664
8	$\mathcal{O}(4; \{4^2, 8^{12}\})$	281474976710656
8	$\mathcal{O}(3; \{2^{28}\})$	258048
8	$\mathcal{O}(3; \{2^{25}, 4^2\})$	516096
8	$\mathcal{O}(3; \{2^{22}, 4^4\})$	2064384
8	$\mathcal{O}(3; \{2^{19}, 4^6\})$	8257536
8	$\mathcal{O}(3; \{2^{16}, 4^8\})$	33030144
8	$\mathcal{O}(3; \{2^{13}, 4^{10}\})$	132120576
8	$\mathcal{O}(3; \{2^{10}, 4^{12}\})$	528482304
8	$\mathcal{O}(3; \{2^7, 4^{14}\})$	2113929216
8	$\mathcal{O}(3; \{2^4, 4^{16}\})$	8455716864
8	$\mathcal{O}(3; \{2, 4^{18}\})$	33822867456
8	$\mathcal{O}(3; \{2^{23}, 4, 8^2\})$	2097152
8	$\mathcal{O}(3; \{2^{20}, 4^3, 8^2\})$	8388608
8	$\mathcal{O}(3; \{2^{17}, 4^5, 8^2\})$	33554432
8	$\mathcal{O}(3; \{2^{14}, 4^7, 8^2\})$	134217728
8	$\mathcal{O}(3; \{2^{11}, 4^9, 8^2\})$	536870912
8	$\mathcal{O}(3; \{2^8, 4^{11}, 8^2\})$	2147483648
8	$\mathcal{O}(3; \{2^5, 4^{13}, 8^2\})$	8589934592
8	$\mathcal{O}(3; \{2^2, 4^{15}, 8^2\})$	34359738368
8	$\mathcal{O}(3; \{2^{21}, 8^4\})$	16777216
8	$\mathcal{O}(3; \{2^{18}, 4^2, 8^4\})$	67108864
8	$\mathcal{O}(3; \{2^{15}, 4^4, 8^4\})$	268435456
8	$\mathcal{O}(3; \{2^{12}, 4^6, 8^4\})$	1073741824
8	$\mathcal{O}(3; \{2^9, 4^8, 8^4\})$	4294967296
8	$\mathcal{O}(3; \{2^6, 4^{10}, 8^4\})$	17179869184
8	$\mathcal{O}(3; \{2^3, 4^{12}, 8^4\})$	68719476736
8	$\mathcal{O}(3; \{4^{14}, 8^4\})$	274877906944
8	$\mathcal{O}(3; \{2^{16}, 4, 8^6\})$	536870912
8	$\mathcal{O}(3; \{2^{13}, 4^3, 8^6\})$	2147483648
8	$\mathcal{O}(3; \{2^{10}, 4^5, 8^6\})$	8589934592
8	$\mathcal{O}(3; \{2^7, 4^7, 8^6\})$	34359738368
8	$\mathcal{O}(3; \{2^4, 4^9, 8^6\})$	137438953472
8	$\mathcal{O}(3; \{2, 4^{11}, 8^6\})$	549755813888
8	$\mathcal{O}(3; \{2^{14}, 8^8\})$	4294967296
8	$\mathcal{O}(3; \{2^{11}, 4^2, 8^8\})$	17179869184
8	$\mathcal{O}(3; \{2^8, 4^4, 8^8\})$	68719476736
8	$\mathcal{O}(3; \{2^5, 4^6, 8^8\})$	274877906944
8	$\mathcal{O}(3; \{2^2, 4^8, 8^8\})$	1099511627776
8	$\mathcal{O}(3; \{2^9, 4, 8^{10}\})$	137438953472
8	$\mathcal{O}(3; \{2^6, 4^3, 8^{10}\})$	549755813888

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{2^3, 4^5, 8^{10}\})$	2199023255552
8	$\mathcal{O}(3; \{4^7, 8^{10}\})$	8796093022208
8	$\mathcal{O}(3; \{2^7, 8^{12}\})$	1099511627776
8	$\mathcal{O}(3; \{2^4, 4^2, 8^{12}\})$	4398046511104
8	$\mathcal{O}(3; \{2, 4^4, 8^{12}\})$	17592186044416
8	$\mathcal{O}(3; \{2^2, 4, 8^{14}\})$	35184372088832
8	$\mathcal{O}(3; \{8^{16}\})$	281474976710656
8	$\mathcal{O}(2; \{2^{32}\})$	3840
8	$\mathcal{O}(2; \{2^{29}, 4^2\})$	7680
8	$\mathcal{O}(2; \{2^{26}, 4^4\})$	30720
8	$\mathcal{O}(2; \{2^{23}, 4^6\})$	122880
8	$\mathcal{O}(2; \{2^{20}, 4^8\})$	491520
8	$\mathcal{O}(2; \{2^{17}, 4^{10}\})$	1966080
8	$\mathcal{O}(2; \{2^{14}, 4^{12}\})$	7864320
8	$\mathcal{O}(2; \{2^{11}, 4^{14}\})$	31457280
8	$\mathcal{O}(2; \{2^8, 4^{16}\})$	125829120
8	$\mathcal{O}(2; \{2^5, 4^{18}\})$	503316480
8	$\mathcal{O}(2; \{2^2, 4^{20}\})$	2013265920
8	$\mathcal{O}(2; \{2^{27}, 4, 8^2\})$	32768
8	$\mathcal{O}(2; \{2^{24}, 4^3, 8^2\})$	131072
8	$\mathcal{O}(2; \{2^{21}, 4^5, 8^2\})$	524288
8	$\mathcal{O}(2; \{2^{18}, 4^7, 8^2\})$	2097152
8	$\mathcal{O}(2; \{2^{15}, 4^9, 8^2\})$	8388608
8	$\mathcal{O}(2; \{2^{12}, 4^{11}, 8^2\})$	33554432
8	$\mathcal{O}(2; \{2^9, 4^{13}, 8^2\})$	134217728
8	$\mathcal{O}(2; \{2^6, 4^{15}, 8^2\})$	536870912
8	$\mathcal{O}(2; \{2^3, 4^{17}, 8^2\})$	2147483648
8	$\mathcal{O}(2; \{4^{19}, 8^2\})$	8589934592
8	$\mathcal{O}(2; \{2^{25}, 8^4\})$	262144
8	$\mathcal{O}(2; \{2^{22}, 4^2, 8^4\})$	1048576
8	$\mathcal{O}(2; \{2^{19}, 4^4, 8^4\})$	4194304
8	$\mathcal{O}(2; \{2^{16}, 4^6, 8^4\})$	16777216
8	$\mathcal{O}(2; \{2^{13}, 4^8, 8^4\})$	67108864
8	$\mathcal{O}(2; \{2^{10}, 4^{10}, 8^4\})$	268435456
8	$\mathcal{O}(2; \{2^7, 4^{12}, 8^4\})$	1073741824
8	$\mathcal{O}(2; \{2^4, 4^{14}, 8^4\})$	4294967296
8	$\mathcal{O}(2; \{2, 4^{16}, 8^4\})$	17179869184
8	$\mathcal{O}(2; \{2^{20}, 4, 8^6\})$	8388608
8	$\mathcal{O}(2; \{2^{17}, 4^3, 8^6\})$	33554432
8	$\mathcal{O}(2; \{2^{14}, 4^5, 8^6\})$	134217728
8	$\mathcal{O}(2; \{2^{11}, 4^7, 8^6\})$	536870912
8	$\mathcal{O}(2; \{2^8, 4^9, 8^6\})$	2147483648
8	$\mathcal{O}(2; \{2^5, 4^{11}, 8^6\})$	8589934592

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^2, 4^{13}, 8^6\})$	34359738368
8	$\mathcal{O}(2; \{2^{18}, 8^8\})$	67108864
8	$\mathcal{O}(2; \{2^{15}, 4^2, 8^8\})$	268435456
8	$\mathcal{O}(2; \{2^{12}, 4^4, 8^8\})$	1073741824
8	$\mathcal{O}(2; \{2^9, 4^6, 8^8\})$	4294967296
8	$\mathcal{O}(2; \{2^6, 4^8, 8^8\})$	17179869184
8	$\mathcal{O}(2; \{2^3, 4^{10}, 8^8\})$	68719476736
8	$\mathcal{O}(2; \{4^{12}, 8^8\})$	274877906944
8	$\mathcal{O}(2; \{2^{13}, 4, 8^{10}\})$	2147483648
8	$\mathcal{O}(2; \{2^{10}, 4^3, 8^{10}\})$	8589934592
8	$\mathcal{O}(2; \{2^7, 4^5, 8^{10}\})$	34359738368
8	$\mathcal{O}(2; \{2^4, 4^7, 8^{10}\})$	137438953472
8	$\mathcal{O}(2; \{2, 4^9, 8^{10}\})$	549755813888
8	$\mathcal{O}(2; \{2^{11}, 8^{12}\})$	17179869184
8	$\mathcal{O}(2; \{2^8, 4^2, 8^{12}\})$	68719476736
8	$\mathcal{O}(2; \{2^5, 4^4, 8^{12}\})$	274877906944
8	$\mathcal{O}(2; \{2^2, 4^6, 8^{12}\})$	1099511627776
8	$\mathcal{O}(2; \{2^6, 4, 8^{14}\})$	549755813888
8	$\mathcal{O}(2; \{2^3, 4^3, 8^{14}\})$	2199023255552
8	$\mathcal{O}(2; \{4^5, 8^{14}\})$	8796093022208
8	$\mathcal{O}(2; \{2^4, 8^{16}\})$	4398046511104
8	$\mathcal{O}(2; \{2, 4^2, 8^{16}\})$	17592186044416
8	$\mathcal{O}(1; \{2^{36}\})$	48
8	$\mathcal{O}(1; \{2^{33}, 4^2\})$	96
8	$\mathcal{O}(1; \{2^{30}, 4^4\})$	384
8	$\mathcal{O}(1; \{2^{27}, 4^6\})$	1536
8	$\mathcal{O}(1; \{2^{24}, 4^8\})$	6144
8	$\mathcal{O}(1; \{2^{21}, 4^{10}\})$	24576
8	$\mathcal{O}(1; \{2^{18}, 4^{12}\})$	98304
8	$\mathcal{O}(1; \{2^{15}, 4^{14}\})$	393216
8	$\mathcal{O}(1; \{2^{12}, 4^{16}\})$	1572864
8	$\mathcal{O}(1; \{2^9, 4^{18}\})$	6291456
8	$\mathcal{O}(1; \{2^6, 4^{20}\})$	25165824
8	$\mathcal{O}(1; \{2^3, 4^{22}\})$	100663296
8	$\mathcal{O}(1; \{4^{24}\})$	402653184
8	$\mathcal{O}(1; \{2^{31}, 4, 8^2\})$	512
8	$\mathcal{O}(1; \{2^{28}, 4^3, 8^2\})$	2048
8	$\mathcal{O}(1; \{2^{25}, 4^5, 8^2\})$	8192
8	$\mathcal{O}(1; \{2^{22}, 4^7, 8^2\})$	32768
8	$\mathcal{O}(1; \{2^{19}, 4^9, 8^2\})$	131072
8	$\mathcal{O}(1; \{2^{16}, 4^{11}, 8^2\})$	524288
8	$\mathcal{O}(1; \{2^{13}, 4^{13}, 8^2\})$	2097152
8	$\mathcal{O}(1; \{2^{10}, 4^{15}, 8^2\})$	8388608

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^7, 4^3, 8^{14}\})$	34359738368
8	$\mathcal{O}(1; \{2^4, 4^5, 8^{14}\})$	137438953472
8	$\mathcal{O}(1; \{2, 4^7, 8^{14}\})$	549755813888
8	$\mathcal{O}(1; \{2^8, 8^{16}\})$	68719476736
8	$\mathcal{O}(1; \{2^5, 4^2, 8^{16}\})$	274877906944
8	$\mathcal{O}(1; \{2^2, 4^4, 8^{16}\})$	1099511627776
8	$\mathcal{O}(1; \{2^3, 4, 8^{18}\})$	2199023255552
8	$\mathcal{O}(1; \{4^3, 8^{18}\})$	8796093022208
8	$\mathcal{O}(1; \{2, 8^{20}\})$	17592186044416
8	$\mathcal{O}(0; \{2^{35}, 4, 8^2\})$	8
8	$\mathcal{O}(0; \{2^{32}, 4^3, 8^2\})$	32
8	$\mathcal{O}(0; \{2^{29}, 4^5, 8^2\})$	128
8	$\mathcal{O}(0; \{2^{26}, 4^7, 8^2\})$	512
8	$\mathcal{O}(0; \{2^{23}, 4^9, 8^2\})$	2048
8	$\mathcal{O}(0; \{2^{20}, 4^{11}, 8^2\})$	8192
8	$\mathcal{O}(0; \{2^{17}, 4^{13}, 8^2\})$	32768
8	$\mathcal{O}(0; \{2^{14}, 4^{15}, 8^2\})$	131072
8	$\mathcal{O}(0; \{2^{11}, 4^{17}, 8^2\})$	524288
8	$\mathcal{O}(0; \{2^8, 4^{19}, 8^2\})$	2097152
8	$\mathcal{O}(0; \{2^5, 4^{21}, 8^2\})$	8388608
8	$\mathcal{O}(0; \{2^2, 4^{23}, 8^2\})$	33554432
8	$\mathcal{O}(0; \{2^{33}, 8^4\})$	64
8	$\mathcal{O}(0; \{2^{30}, 4^2, 8^4\})$	256
8	$\mathcal{O}(0; \{2^{27}, 4^4, 8^4\})$	1024
8	$\mathcal{O}(0; \{2^{24}, 4^6, 8^4\})$	4096
8	$\mathcal{O}(0; \{2^{21}, 4^8, 8^4\})$	16384
8	$\mathcal{O}(0; \{2^{18}, 4^{10}, 8^4\})$	65536
8	$\mathcal{O}(0; \{2^{15}, 4^{12}, 8^4\})$	262144
8	$\mathcal{O}(0; \{2^{12}, 4^{14}, 8^4\})$	1048576
8	$\mathcal{O}(0; \{2^9, 4^{16}, 8^4\})$	4194304
8	$\mathcal{O}(0; \{2^6, 4^{18}, 8^4\})$	16777216
8	$\mathcal{O}(0; \{2^3, 4^{20}, 8^4\})$	67108864
8	$\mathcal{O}(0; \{4^{22}, 8^4\})$	268435456
8	$\mathcal{O}(0; \{2^{28}, 4, 8^6\})$	2048
8	$\mathcal{O}(0; \{2^{25}, 4^3, 8^6\})$	8192
8	$\mathcal{O}(0; \{2^{22}, 4^5, 8^6\})$	32768
8	$\mathcal{O}(0; \{2^{19}, 4^7, 8^6\})$	131072
8	$\mathcal{O}(0; \{2^{16}, 4^9, 8^6\})$	524288
8	$\mathcal{O}(0; \{2^{13}, 4^{11}, 8^6\})$	2097152
8	$\mathcal{O}(0; \{2^{10}, 4^{13}, 8^6\})$	8388608
8	$\mathcal{O}(0; \{2^7, 4^{15}, 8^6\})$	33554432
8	$\mathcal{O}(0; \{2^4, 4^{17}, 8^6\})$	134217728
8	$\mathcal{O}(0; \{2, 4^{19}, 8^6\})$	536870912

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^{26}, 8^8\})$	16384
8	$\mathcal{O}(0; \{2^{23}, 4^2, 8^8\})$	65536
8	$\mathcal{O}(0; \{2^{20}, 4^4, 8^8\})$	262144
8	$\mathcal{O}(0; \{2^{17}, 4^6, 8^8\})$	1048576
8	$\mathcal{O}(0; \{2^{14}, 4^8, 8^8\})$	4194304
8	$\mathcal{O}(0; \{2^{11}, 4^{10}, 8^8\})$	16777216
8	$\mathcal{O}(0; \{2^8, 4^{12}, 8^8\})$	67108864
8	$\mathcal{O}(0; \{2^5, 4^{14}, 8^8\})$	268435456
8	$\mathcal{O}(0; \{2^2, 4^{16}, 8^8\})$	1073741824
8	$\mathcal{O}(0; \{2^{21}, 4, 8^{10}\})$	524288
8	$\mathcal{O}(0; \{2^{18}, 4^3, 8^{10}\})$	2097152
8	$\mathcal{O}(0; \{2^{15}, 4^5, 8^{10}\})$	8388608
8	$\mathcal{O}(0; \{2^{12}, 4^7, 8^{10}\})$	33554432
8	$\mathcal{O}(0; \{2^9, 4^9, 8^{10}\})$	134217728
8	$\mathcal{O}(0; \{2^6, 4^{11}, 8^{10}\})$	536870912
8	$\mathcal{O}(0; \{2^3, 4^{13}, 8^{10}\})$	2147483648
8	$\mathcal{O}(0; \{4^{15}, 8^{10}\})$	8589934592
8	$\mathcal{O}(0; \{2^{19}, 8^{12}\})$	4194304
8	$\mathcal{O}(0; \{2^{16}, 4^2, 8^{12}\})$	16777216
8	$\mathcal{O}(0; \{2^{13}, 4^4, 8^{12}\})$	67108864
8	$\mathcal{O}(0; \{2^{10}, 4^6, 8^{12}\})$	268435456
8	$\mathcal{O}(0; \{2^7, 4^8, 8^{12}\})$	1073741824
8	$\mathcal{O}(0; \{2^4, 4^{10}, 8^{12}\})$	4294967296
8	$\mathcal{O}(0; \{2, 4^{12}, 8^{12}\})$	17179869184
8	$\mathcal{O}(0; \{2^{14}, 4, 8^{14}\})$	134217728
8	$\mathcal{O}(0; \{2^{11}, 4^3, 8^{14}\})$	536870912
8	$\mathcal{O}(0; \{2^8, 4^5, 8^{14}\})$	2147483648
8	$\mathcal{O}(0; \{2^5, 4^7, 8^{14}\})$	8589934592
8	$\mathcal{O}(0; \{2^2, 4^9, 8^{14}\})$	34359738368
8	$\mathcal{O}(0; \{2^{12}, 8^{16}\})$	1073741824
8	$\mathcal{O}(0; \{2^9, 4^2, 8^{16}\})$	4294967296
8	$\mathcal{O}(0; \{2^6, 4^4, 8^{16}\})$	17179869184
8	$\mathcal{O}(0; \{2^3, 4^6, 8^{16}\})$	68719476736
8	$\mathcal{O}(0; \{4^8, 8^{16}\})$	274877906944
8	$\mathcal{O}(0; \{2^7, 4, 8^{18}\})$	34359738368
8	$\mathcal{O}(0; \{2^4, 4^3, 8^{18}\})$	137438953472
8	$\mathcal{O}(0; \{2, 4^5, 8^{18}\})$	549755813888
8	$\mathcal{O}(0; \{2^5, 8^{20}\})$	274877906944
8	$\mathcal{O}(0; \{2^2, 4^2, 8^{20}\})$	1099511627776
8	$\mathcal{O}(0; \{4, 8^{22}\})$	8796093022208
9	$\mathcal{O}(9; \emptyset)$	150094634909578632
9	$\mathcal{O}(8; \{3^3\})$	3706040291610240
9	$\mathcal{O}(7; \{3^6\})$	503289328783824

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(7; \{3^2, 9^3\})$	1647129056757192
9	$\mathcal{O}(6; \{3^9\})$	48012930856800
9	$\mathcal{O}(6; \{3^5, 9^3\})$	162679413013056
9	$\mathcal{O}(6; \{3, 9^6\})$	3019736604054852
9	$\mathcal{O}(5; \{3^{12}\})$	4762866830832
9	$\mathcal{O}(5; \{3^8, 9^3\})$	16067102519808
9	$\mathcal{O}(5; \{3^4, 9^6\})$	298245590523936
9	$\mathcal{O}(5; \{9^9\})$	3889054717343370
9	$\mathcal{O}(4; \{3^{15}\})$	470084627520
9	$\mathcal{O}(4; \{3^{11}, 9^3\})$	1586874322944
9	$\mathcal{O}(4; \{3^7, 9^6\})$	29456354619648
9	$\mathcal{O}(4; \{3^3, 9^9\})$	384104169614160
9	$\mathcal{O}(3; \{3^{18}\})$	46374675984
9	$\mathcal{O}(3; \{3^{14}, 9^3\})$	156728328192
9	$\mathcal{O}(3; \{3^{10}, 9^6\})$	2909269592064
9	$\mathcal{O}(3; \{3^6, 9^9\})$	37936214282880
9	$\mathcal{O}(3; \{3^2, 9^{12}\})$	514398329110728
9	$\mathcal{O}(2; \{3^{21}\})$	4529844000
9	$\mathcal{O}(2; \{3^{17}, 9^3\})$	15479341056
9	$\mathcal{O}(2; \{3^{13}, 9^6\})$	287335268352
9	$\mathcal{O}(2; \{3^9, 9^9\})$	3746786595840
9	$\mathcal{O}(2; \{3^5, 9^{12}\})$	50804773245504
9	$\mathcal{O}(2; \{3, 9^{15}\})$	685487866098996
9	$\mathcal{O}(1; \{3^{24}\})$	402653232
9	$\mathcal{O}(1; \{3^{20}, 9^3\})$	1528823808
9	$\mathcal{O}(1; \{3^{16}, 9^6\})$	28378791936
9	$\mathcal{O}(1; \{3^{12}, 9^9\})$	370052997120
9	$\mathcal{O}(1; \{3^8, 9^{12}\})$	5017755382272
9	$\mathcal{O}(1; \{3^4, 9^{15}\})$	67702505293728
9	$\mathcal{O}(1; \{9^{18}\})$	914046583584546
9	$\mathcal{O}(0; \{3^{23}, 9^3\})$	150994944
9	$\mathcal{O}(0; \{3^{19}, 9^6\})$	2802843648
9	$\mathcal{O}(0; \{3^{15}, 9^9\})$	36548444160
9	$\mathcal{O}(0; \{3^{11}, 9^{12}\})$	495580778496
9	$\mathcal{O}(0; \{3^7, 9^{15}\})$	6686667189504
9	$\mathcal{O}(0; \{3^3, 9^{18}\})$	90276205786128
10	$\mathcal{O}(7; \{5^3\})$	1199926757812500
10	$\mathcal{O}(6; \{2^4, 5^3\})$	12000000000000
10	$\mathcal{O}(6; \{2^2, 5^2, 10^2\})$	52000000000000
10	$\mathcal{O}(6; \{5, 10^4\})$	204000000000000
10	$\mathcal{O}(5; \{2^8, 5^3\})$	120000000000
10	$\mathcal{O}(5; \{5^8\})$	130951992187500
10	$\mathcal{O}(5; \{2^3, 5^5, 10\})$	8200000000000

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(5; \{2^6, 5^2, 10^2\})$	520000000000
10	$\mathcal{O}(5; \{2, 5^4, 10^3\})$	32760000000000
10	$\mathcal{O}(5; \{2^4, 5, 10^4\})$	20400000000000
10	$\mathcal{O}(5; \{2^2, 10^6\})$	82000000000000
10	$\mathcal{O}(4; \{2^{12}, 5^3\})$	12000000000
10	$\mathcal{O}(4; \{2^4, 5^8\})$	13108000000000
10	$\mathcal{O}(4; \{2^7, 5^5, 10\})$	820000000000
10	$\mathcal{O}(4; \{2^{10}, 5^2, 10^2\})$	52000000000
10	$\mathcal{O}(4; \{2^2, 5^7, 10^2\})$	52428000000000
10	$\mathcal{O}(4; \{2^5, 5^4, 10^3\})$	32760000000000
10	$\mathcal{O}(4; \{2^8, 5, 10^4\})$	20400000000000
10	$\mathcal{O}(4; \{5^6, 10^4\})$	20971600000000
10	$\mathcal{O}(4; \{2^3, 5^3, 10^5\})$	13108000000000
10	$\mathcal{O}(4; \{2^6, 10^6\})$	820000000000
10	$\mathcal{O}(4; \{2, 5^2, 10^7\})$	52428000000000
10	$\mathcal{O}(3; \{2^{16}, 5^3\})$	12000000
10	$\mathcal{O}(3; \{2^8, 5^8\})$	13108000000
10	$\mathcal{O}(3; \{5^{13}\})$	13212056812500
10	$\mathcal{O}(3; \{2^{11}, 5^5, 10\})$	820000000
10	$\mathcal{O}(3; \{2^3, 5^{10}, 10\})$	8388600000000
10	$\mathcal{O}(3; \{2^{14}, 5^2, 10^2\})$	52000000
10	$\mathcal{O}(3; \{2^6, 5^7, 10^2\})$	524280000000
10	$\mathcal{O}(3; \{2^9, 5^4, 10^3\})$	32760000000
10	$\mathcal{O}(3; \{2, 5^9, 10^3\})$	33554440000000
10	$\mathcal{O}(3; \{2^{12}, 5, 10^4\})$	2040000000
10	$\mathcal{O}(3; \{2^4, 5^6, 10^4\})$	2097160000000
10	$\mathcal{O}(3; \{2^7, 5^3, 10^5\})$	131080000000
10	$\mathcal{O}(3; \{2^{10}, 10^6\})$	8200000000
10	$\mathcal{O}(3; \{2^2, 5^5, 10^6\})$	8388600000000
10	$\mathcal{O}(3; \{2^5, 5^2, 10^7\})$	524280000000
10	$\mathcal{O}(3; \{5^4, 10^8\})$	33554440000000
10	$\mathcal{O}(3; \{2^3, 5, 10^9\})$	2097160000000
10	$\mathcal{O}(3; \{2, 10^{11}\})$	8388600000000
10	$\mathcal{O}(2; \{2^{20}, 5^3\})$	120000
10	$\mathcal{O}(2; \{2^{12}, 5^8\})$	131080000
10	$\mathcal{O}(2; \{2^4, 5^{13}\})$	134217720000
10	$\mathcal{O}(2; \{2^{15}, 5^5, 10\})$	8200000
10	$\mathcal{O}(2; \{2^7, 5^{10}, 10\})$	83886000000
10	$\mathcal{O}(2; \{2^{18}, 5^2, 10^2\})$	520000
10	$\mathcal{O}(2; \{2^{10}, 5^7, 10^2\})$	524280000
10	$\mathcal{O}(2; \{2^2, 5^{12}, 10^2\})$	536870920000
10	$\mathcal{O}(2; \{2^{13}, 5^4, 10^3\})$	32760000
10	$\mathcal{O}(2; \{2^5, 5^9, 10^3\})$	33554440000

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{2^{16}, 5, 10^4\})$	2040000
10	$\mathcal{O}(2; \{2^8, 5^6, 10^4\})$	2097160000
10	$\mathcal{O}(2; \{5^{11}, 10^4\})$	2147483640000
10	$\mathcal{O}(2; \{2^{11}, 5^3, 10^5\})$	131080000
10	$\mathcal{O}(2; \{2^3, 5^8, 10^5\})$	134217720000
10	$\mathcal{O}(2; \{2^{14}, 10^6\})$	8200000
10	$\mathcal{O}(2; \{2^6, 5^5, 10^6\})$	8388600000
10	$\mathcal{O}(2; \{2^9, 5^2, 10^7\})$	524280000
10	$\mathcal{O}(2; \{2, 5^7, 10^7\})$	536870920000
10	$\mathcal{O}(2; \{2^4, 5^4, 10^8\})$	33554440000
10	$\mathcal{O}(2; \{2^7, 5, 10^9\})$	2097160000
10	$\mathcal{O}(2; \{2^2, 5^3, 10^{10}\})$	134217720000
10	$\mathcal{O}(2; \{2^5, 10^{11}\})$	8388600000
10	$\mathcal{O}(2; \{5^2, 10^{12}\})$	536870920000
10	$\mathcal{O}(1; \{2^{24}, 5^3\})$	1200
10	$\mathcal{O}(1; \{2^{16}, 5^8\})$	1310800
10	$\mathcal{O}(1; \{2^8, 5^{13}\})$	1342177200
10	$\mathcal{O}(1; \{5^{18}\})$	1030792151100
10	$\mathcal{O}(1; \{2^{19}, 5^5, 10\})$	82000
10	$\mathcal{O}(1; \{2^{11}, 5^{10}, 10\})$	83886000
10	$\mathcal{O}(1; \{2^3, 5^{15}, 10\})$	85899346000
10	$\mathcal{O}(1; \{2^{22}, 5^2, 10^2\})$	5200
10	$\mathcal{O}(1; \{2^{14}, 5^7, 10^2\})$	5242800
10	$\mathcal{O}(1; \{2^6, 5^{12}, 10^2\})$	5368709200
10	$\mathcal{O}(1; \{2^{17}, 5^4, 10^3\})$	327600
10	$\mathcal{O}(1; \{2^9, 5^9, 10^3\})$	335544400
10	$\mathcal{O}(1; \{2, 5^{14}, 10^3\})$	343597383600
10	$\mathcal{O}(1; \{2^{20}, 5, 10^4\})$	20400
10	$\mathcal{O}(1; \{2^{12}, 5^6, 10^4\})$	20971600
10	$\mathcal{O}(1; \{2^4, 5^{11}, 10^4\})$	21474836400
10	$\mathcal{O}(1; \{2^{15}, 5^3, 10^5\})$	1310800
10	$\mathcal{O}(1; \{2^7, 5^8, 10^5\})$	1342177200
10	$\mathcal{O}(1; \{2^{18}, 10^6\})$	82000
10	$\mathcal{O}(1; \{2^{10}, 5^5, 10^6\})$	83886000
10	$\mathcal{O}(1; \{2^2, 5^{10}, 10^6\})$	85899346000
10	$\mathcal{O}(1; \{2^{13}, 5^2, 10^7\})$	5242800
10	$\mathcal{O}(1; \{2^5, 5^7, 10^7\})$	5368709200
10	$\mathcal{O}(1; \{2^8, 5^4, 10^8\})$	335544400
10	$\mathcal{O}(1; \{5^9, 10^8\})$	343597383600
10	$\mathcal{O}(1; \{2^{11}, 5, 10^9\})$	20971600
10	$\mathcal{O}(1; \{2^3, 5^6, 10^9\})$	21474836400
10	$\mathcal{O}(1; \{2^6, 5^3, 10^{10}\})$	1342177200
10	$\mathcal{O}(1; \{2^9, 10^{11}\})$	83886000

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{2, 5^5, 10^{11}\})$	85899346000
10	$\mathcal{O}(1; \{2^4, 5^2, 10^{12}\})$	5368709200
10	$\mathcal{O}(1; \{2^2, 5, 10^{14}\})$	21474836400
10	$\mathcal{O}(1; \{10^{16}\})$	85899346000
10	$\mathcal{O}(0; \{2^{28}, 5^3\})$	12
10	$\mathcal{O}(0; \{2^{20}, 5^8\})$	13108
10	$\mathcal{O}(0; \{2^{12}, 5^{13}\})$	13421772
10	$\mathcal{O}(0; \{2^4, 5^{18}\})$	13743895348
10	$\mathcal{O}(0; \{2^{23}, 5^5, 10\})$	820
10	$\mathcal{O}(0; \{2^{15}, 5^{10}, 10\})$	838860
10	$\mathcal{O}(0; \{2^7, 5^{15}, 10\})$	858993460
10	$\mathcal{O}(0; \{2^{26}, 5^2, 10^2\})$	52
10	$\mathcal{O}(0; \{2^{18}, 5^7, 10^2\})$	52428
10	$\mathcal{O}(0; \{2^{10}, 5^{12}, 10^2\})$	53687092
10	$\mathcal{O}(0; \{2^2, 5^{17}, 10^2\})$	54975581388
10	$\mathcal{O}(0; \{2^{21}, 5^4, 10^3\})$	3276
10	$\mathcal{O}(0; \{2^{13}, 5^9, 10^3\})$	3355444
10	$\mathcal{O}(0; \{2^5, 5^{14}, 10^3\})$	3435973836
10	$\mathcal{O}(0; \{2^{24}, 5, 10^4\})$	204
10	$\mathcal{O}(0; \{2^{16}, 5^6, 10^4\})$	209716
10	$\mathcal{O}(0; \{2^8, 5^{11}, 10^4\})$	214748364
10	$\mathcal{O}(0; \{5^{16}, 10^4\})$	219902325556
10	$\mathcal{O}(0; \{2^{19}, 5^3, 10^5\})$	13108
10	$\mathcal{O}(0; \{2^{11}, 5^8, 10^5\})$	13421772
10	$\mathcal{O}(0; \{2^3, 5^{13}, 10^5\})$	13743895348
10	$\mathcal{O}(0; \{2^{22}, 10^6\})$	820
10	$\mathcal{O}(0; \{2^{14}, 5^5, 10^6\})$	838860
10	$\mathcal{O}(0; \{2^6, 5^{10}, 10^6\})$	858993460
10	$\mathcal{O}(0; \{2^{17}, 5^2, 10^7\})$	52428
10	$\mathcal{O}(0; \{2^9, 5^7, 10^7\})$	53687092
10	$\mathcal{O}(0; \{2, 5^{12}, 10^7\})$	54975581388
10	$\mathcal{O}(0; \{2^{12}, 5^4, 10^8\})$	3355444
10	$\mathcal{O}(0; \{2^4, 5^9, 10^8\})$	3435973836
10	$\mathcal{O}(0; \{2^{15}, 5, 10^9\})$	209716
10	$\mathcal{O}(0; \{2^7, 5^6, 10^9\})$	214748364
10	$\mathcal{O}(0; \{2^{10}, 5^3, 10^{10}\})$	13421772
10	$\mathcal{O}(0; \{2^2, 5^8, 10^{10}\})$	13743895348
10	$\mathcal{O}(0; \{2^{13}, 10^{11}\})$	838860
10	$\mathcal{O}(0; \{2^5, 5^5, 10^{11}\})$	858993460
10	$\mathcal{O}(0; \{2^8, 5^2, 10^{12}\})$	53687092
10	$\mathcal{O}(0; \{5^7, 10^{12}\})$	54975581388
10	$\mathcal{O}(0; \{2^3, 5^4, 10^{13}\})$	3435973836
10	$\mathcal{O}(0; \{2^6, 5, 10^{14}\})$	214748364

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{2, 5^3, 10^{15}\})$	13743895348
10	$\mathcal{O}(0; \{2^4, 10^{16}\})$	858993460
11	$\mathcal{O}(3; \{11^{10}\})$	1610510001610510
12	$\mathcal{O}(7; \emptyset)$	1283839831965696
12	$\mathcal{O}(6; \{2^4\})$	8913906892800
12	$\mathcal{O}(6; \{3^3\})$	17827847331840
12	$\mathcal{O}(6; \{2, 4^2\})$	17832167342080
12	$\mathcal{O}(6; \{2, 3, 6\})$	17827847331840
12	$\mathcal{O}(5; \{2^8\})$	61855850496
12	$\mathcal{O}(5; \{2^4, 3^3\})$	123713796096
12	$\mathcal{O}(5; \{3^6\})$	1360851757056
12	$\mathcal{O}(5; \{2^5, 4^2\})$	123832631296
12	$\mathcal{O}(5; \{2, 3^3, 4^2\})$	247669456896
12	$\mathcal{O}(5; \{2^2, 4^4\})$	495330525184
12	$\mathcal{O}(5; \{2^5, 3, 6\})$	123713796096
12	$\mathcal{O}(5; \{2, 3^4, 6\})$	618568980480
12	$\mathcal{O}(5; \{2^2, 3, 4^2, 6\})$	247669456896
12	$\mathcal{O}(5; \{2^2, 3^2, 6^2\})$	371141388288
12	$\mathcal{O}(5; \{2^3, 6^3\})$	123713796096
12	$\mathcal{O}(5; \{4^2, 6^3\})$	247669456896
12	$\mathcal{O}(5; \{3, 6^4\})$	618568980480
12	$\mathcal{O}(5; \{2^2, 3^2, 4, 12\})$	247669456896
12	$\mathcal{O}(5; \{2^3, 4, 6, 12\})$	247669456896
12	$\mathcal{O}(5; \{4^3, 6, 12\})$	990677827584
12	$\mathcal{O}(5; \{3, 4, 6^2, 12\})$	743008370688
12	$\mathcal{O}(5; \{2^3, 3, 12^2\})$	247669456896
12	$\mathcal{O}(5; \{3, 4^2, 12^2\})$	990677827584
12	$\mathcal{O}(5; \{3^2, 6, 12^2\})$	1238347284480
12	$\mathcal{O}(5; \{2, 6^2, 12^2\})$	743008370688
12	$\mathcal{O}(5; \{2, 4, 12^3\})$	990677827584
12	$\mathcal{O}(4; \{2^{12}\})$	428236800
12	$\mathcal{O}(4; \{2^8, 3^3\})$	856604160
12	$\mathcal{O}(4; \{2^4, 3^6\})$	9422645760
12	$\mathcal{O}(4; \{3^9\})$	72811353600
12	$\mathcal{O}(4; \{2^9, 4^2\})$	859832320
12	$\mathcal{O}(4; \{2^5, 3^3, 4^2\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^6, 4^2\})$	18919194624
12	$\mathcal{O}(4; \{2^6, 4^4\})$	3439329280
12	$\mathcal{O}(4; \{2^2, 3^3, 4^4\})$	6879707136
12	$\mathcal{O}(4; \{2^3, 4^6\})$	13757317120
12	$\mathcal{O}(4; \{4^8\})$	55029268480
12	$\mathcal{O}(4; \{2^9, 3, 6\})$	856604160
12	$\mathcal{O}(4; \{2^5, 3^4, 6\})$	4283020800

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{2, 3^7, 6\})$	36833978880
12	$\mathcal{O}(4; \{2^6, 3, 4^2, 6\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3^4, 4^2, 6\})$	8599633920
12	$\mathcal{O}(4; \{2^3, 3, 4^4, 6\})$	6879707136
12	$\mathcal{O}(4; \{3, 4^6, 6\})$	27518828544
12	$\mathcal{O}(4; \{2^6, 3^2, 6^2\})$	2569812480
12	$\mathcal{O}(4; \{2^2, 3^5, 6^2\})$	17988687360
12	$\mathcal{O}(4; \{2^3, 3^2, 4^2, 6^2\})$	5159780352
12	$\mathcal{O}(4; \{3^2, 4^4, 6^2\})$	20639121408
12	$\mathcal{O}(4; \{2^7, 6^3\})$	856604160
12	$\mathcal{O}(4; \{2^3, 3^3, 6^3\})$	9422645760
12	$\mathcal{O}(4; \{2^4, 4^2, 6^3\})$	1719926784
12	$\mathcal{O}(4; \{3^3, 4^2, 6^3\})$	18919194624
12	$\mathcal{O}(4; \{2, 4^4, 6^3\})$	6879707136
12	$\mathcal{O}(4; \{2^4, 3, 6^4\})$	4283020800
12	$\mathcal{O}(4; \{3^4, 6^4\})$	36833978880
12	$\mathcal{O}(4; \{2, 3, 4^2, 6^4\})$	8599633920
12	$\mathcal{O}(4; \{2, 3^2, 6^5\})$	17988687360
12	$\mathcal{O}(4; \{2^2, 6^6\})$	9422645760
12	$\mathcal{O}(4; \{2^6, 3^2, 4, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3^5, 4, 12\})$	18919194624
12	$\mathcal{O}(4; \{2^3, 3^2, 4^3, 12\})$	6879707136
12	$\mathcal{O}(4; \{3^2, 4^5, 12\})$	27518828544
12	$\mathcal{O}(4; \{2^7, 4, 6, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^3, 3^3, 4, 6, 12\})$	8599633920
12	$\mathcal{O}(4; \{2^4, 4^3, 6, 12\})$	6879707136
12	$\mathcal{O}(4; \{3^3, 4^3, 6, 12\})$	34398535680
12	$\mathcal{O}(4; \{2, 4^5, 6, 12\})$	27518828544
12	$\mathcal{O}(4; \{2^4, 3, 4, 6^2, 12\})$	5159780352
12	$\mathcal{O}(4; \{3^4, 4, 6^2, 12\})$	36118462464
12	$\mathcal{O}(4; \{2, 3, 4^3, 6^2, 12\})$	20639121408
12	$\mathcal{O}(4; \{2, 3^2, 4, 6^3, 12\})$	18919194624
12	$\mathcal{O}(4; \{2^2, 4, 6^4, 12\})$	8599633920
12	$\mathcal{O}(4; \{2^7, 3, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{2^3, 3^4, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2^4, 3, 4^2, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{3^4, 4^2, 12^2\})$	75676778496
12	$\mathcal{O}(4; \{2, 3, 4^4, 12^2\})$	27518828544
12	$\mathcal{O}(4; \{2^4, 3^2, 6, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{3^5, 6, 12^2\})$	73956851712
12	$\mathcal{O}(4; \{2, 3^2, 4^2, 6, 12^2\})$	34398535680
12	$\mathcal{O}(4; \{2^5, 6^2, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{2, 3^3, 6^2, 12^2\})$	36118462464

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{2^2, 4^2, 6^2, 12^2\})$	20639121408
12	$\mathcal{O}(4; \{2^2, 3, 6^3, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{6^5, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{2^5, 4, 12^3\})$	6879707136
12	$\mathcal{O}(4; \{2, 3^3, 4, 12^3\})$	75676778496
12	$\mathcal{O}(4; \{2^2, 4^3, 12^3\})$	27518828544
12	$\mathcal{O}(4; \{2^2, 3, 4, 6, 12^3\})$	34398535680
12	$\mathcal{O}(4; \{4, 6^3, 12^3\})$	75676778496
12	$\mathcal{O}(4; \{2^2, 3^2, 12^4\})$	75676778496
12	$\mathcal{O}(4; \{2^3, 6, 12^4\})$	34398535680
12	$\mathcal{O}(4; \{4^2, 6, 12^4\})$	137594142720
12	$\mathcal{O}(4; \{3, 6^2, 12^4\})$	144473849856
12	$\mathcal{O}(4; \{3, 4, 12^5\})$	302707113984
12	$\mathcal{O}(4; \{2, 12^6\})$	302707113984
12	$\mathcal{O}(3; \{2^{16}\})$	2935296
12	$\mathcal{O}(3; \{2^{12}, 3^3\})$	5878656
12	$\mathcal{O}(3; \{2^8, 3^6\})$	64665216
12	$\mathcal{O}(3; \{2^4, 3^9\})$	499685760
12	$\mathcal{O}(3; \{3^{12}\})$	4015122048
12	$\mathcal{O}(3; \{2^{13}, 4^2\})$	5963776
12	$\mathcal{O}(3; \{2^9, 3^3, 4^2\})$	11943936
12	$\mathcal{O}(3; \{2^5, 3^6, 4^2\})$	131383296
12	$\mathcal{O}(3; \{2, 3^9, 4^2\})$	1015234560
12	$\mathcal{O}(3; \{2^{10}, 4^4\})$	23855104
12	$\mathcal{O}(3; \{2^6, 3^3, 4^4\})$	47775744
12	$\mathcal{O}(3; \{2^2, 3^6, 4^4\})$	525533184
12	$\mathcal{O}(3; \{2^7, 4^6\})$	95420416
12	$\mathcal{O}(3; \{2^3, 3^3, 4^6\})$	191102976
12	$\mathcal{O}(3; \{2^4, 4^8\})$	381681664
12	$\mathcal{O}(3; \{3^3, 4^8\})$	764411904
12	$\mathcal{O}(3; \{2, 4^{10}\})$	1526726656
12	$\mathcal{O}(3; \{2^{13}, 3, 6\})$	5878656
12	$\mathcal{O}(3; \{2^9, 3^4, 6\})$	29393280
12	$\mathcal{O}(3; \{2^5, 3^7, 6\})$	252782208
12	$\mathcal{O}(3; \{2, 3^{10}, 6\})$	2004621696
12	$\mathcal{O}(3; \{2^{10}, 3, 4^2, 6\})$	11943936
12	$\mathcal{O}(3; \{2^6, 3^4, 4^2, 6\})$	59719680
12	$\mathcal{O}(3; \{2^2, 3^7, 4^2, 6\})$	513589248
12	$\mathcal{O}(3; \{2^7, 3, 4^4, 6\})$	47775744
12	$\mathcal{O}(3; \{2^3, 3^4, 4^4, 6\})$	238878720
12	$\mathcal{O}(3; \{2^4, 3, 4^6, 6\})$	191102976
12	$\mathcal{O}(3; \{3^4, 4^6, 6\})$	955514880
12	$\mathcal{O}(3; \{2, 3, 4^8, 6\})$	764411904

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^{10}, 3^2, 6^2\})$	17635968
12	$\mathcal{O}(3; \{2^6, 3^5, 6^2\})$	123451776
12	$\mathcal{O}(3; \{2^2, 3^8, 6^2\})$	1005250176
12	$\mathcal{O}(3; \{2^7, 3^2, 4^2, 6^2\})$	35831808
12	$\mathcal{O}(3; \{2^3, 3^5, 4^2, 6^2\})$	250822656
12	$\mathcal{O}(3; \{2^4, 3^2, 4^4, 6^2\})$	143327232
12	$\mathcal{O}(3; \{3^5, 4^4, 6^2\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^2, 4^6, 6^2\})$	573308928
12	$\mathcal{O}(3; \{2^{11}, 6^3\})$	5878656
12	$\mathcal{O}(3; \{2^7, 3^3, 6^3\})$	64665216
12	$\mathcal{O}(3; \{2^3, 3^6, 6^3\})$	499685760
12	$\mathcal{O}(3; \{2^8, 4^2, 6^3\})$	11943936
12	$\mathcal{O}(3; \{2^4, 3^3, 4^2, 6^3\})$	131383296
12	$\mathcal{O}(3; \{3^6, 4^2, 6^3\})$	1015234560
12	$\mathcal{O}(3; \{2^5, 4^4, 6^3\})$	47775744
12	$\mathcal{O}(3; \{2, 3^3, 4^4, 6^3\})$	525533184
12	$\mathcal{O}(3; \{2^2, 4^6, 6^3\})$	191102976
12	$\mathcal{O}(3; \{2^8, 3, 6^4\})$	29393280
12	$\mathcal{O}(3; \{2^4, 3^4, 6^4\})$	252782208
12	$\mathcal{O}(3; \{3^7, 6^4\})$	2004621696
12	$\mathcal{O}(3; \{2^5, 3, 4^2, 6^4\})$	59719680
12	$\mathcal{O}(3; \{2, 3^4, 4^2, 6^4\})$	513589248
12	$\mathcal{O}(3; \{2^2, 3, 4^4, 6^4\})$	238878720
12	$\mathcal{O}(3; \{2^5, 3^2, 6^5\})$	123451776
12	$\mathcal{O}(3; \{2, 3^5, 6^5\})$	1005250176
12	$\mathcal{O}(3; \{2^2, 3^2, 4^2, 6^5\})$	250822656
12	$\mathcal{O}(3; \{2^6, 6^6\})$	64665216
12	$\mathcal{O}(3; \{2^2, 3^3, 6^6\})$	499685760
12	$\mathcal{O}(3; \{2^3, 4^2, 6^6\})$	131383296
12	$\mathcal{O}(3; \{4^4, 6^6\})$	525533184
12	$\mathcal{O}(3; \{2^3, 3, 6^7\})$	252782208
12	$\mathcal{O}(3; \{3, 4^2, 6^7\})$	513589248
12	$\mathcal{O}(3; \{3^2, 6^8\})$	1005250176
12	$\mathcal{O}(3; \{2, 6^9\})$	499685760
12	$\mathcal{O}(3; \{2^{10}, 3^2, 4, 12\})$	11943936
12	$\mathcal{O}(3; \{2^6, 3^5, 4, 12\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^8, 4, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^7, 3^2, 4^3, 12\})$	47775744
12	$\mathcal{O}(3; \{2^3, 3^5, 4^3, 12\})$	525533184
12	$\mathcal{O}(3; \{2^4, 3^2, 4^5, 12\})$	191102976
12	$\mathcal{O}(3; \{3^5, 4^5, 12\})$	2102132736
12	$\mathcal{O}(3; \{2, 3^2, 4^7, 12\})$	764411904
12	$\mathcal{O}(3; \{2^{11}, 4, 6, 12\})$	11943936

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^7, 3^3, 4, 6, 12\})$	59719680
12	$\mathcal{O}(3; \{2^3, 3^6, 4, 6, 12\})$	513589248
12	$\mathcal{O}(3; \{2^8, 4^3, 6, 12\})$	47775744
12	$\mathcal{O}(3; \{2^4, 3^3, 4^3, 6, 12\})$	238878720
12	$\mathcal{O}(3; \{3^6, 4^3, 6, 12\})$	2054356992
12	$\mathcal{O}(3; \{2^5, 4^5, 6, 12\})$	191102976
12	$\mathcal{O}(3; \{2, 3^3, 4^5, 6, 12\})$	955514880
12	$\mathcal{O}(3; \{2^2, 4^7, 6, 12\})$	764411904
12	$\mathcal{O}(3; \{2^8, 3, 4, 6^2, 12\})$	35831808
12	$\mathcal{O}(3; \{2^4, 3^4, 4, 6^2, 12\})$	250822656
12	$\mathcal{O}(3; \{3^7, 4, 6^2, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^5, 3, 4^3, 6^2, 12\})$	143327232
12	$\mathcal{O}(3; \{2, 3^4, 4^3, 6^2, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3, 4^5, 6^2, 12\})$	573308928
12	$\mathcal{O}(3; \{2^5, 3^2, 4, 6^3, 12\})$	131383296
12	$\mathcal{O}(3; \{2, 3^5, 4, 6^3, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^2, 3^2, 4^3, 6^3, 12\})$	525533184
12	$\mathcal{O}(3; \{2^6, 4, 6^4, 12\})$	59719680
12	$\mathcal{O}(3; \{2^2, 3^3, 4, 6^4, 12\})$	513589248
12	$\mathcal{O}(3; \{2^3, 4^3, 6^4, 12\})$	238878720
12	$\mathcal{O}(3; \{4^5, 6^4, 12\})$	955514880
12	$\mathcal{O}(3; \{2^3, 3, 4, 6^5, 12\})$	250822656
12	$\mathcal{O}(3; \{3, 4^3, 6^5, 12\})$	1003290624
12	$\mathcal{O}(3; \{3^2, 4, 6^6, 12\})$	1015234560
12	$\mathcal{O}(3; \{2, 4, 6^7, 12\})$	513589248
12	$\mathcal{O}(3; \{2^{11}, 3, 12^2\})$	11943936
12	$\mathcal{O}(3; \{2^7, 3^4, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2^3, 3^7, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^8, 3, 4^2, 12^2\})$	47775744
12	$\mathcal{O}(3; \{2^4, 3^4, 4^2, 12^2\})$	525533184
12	$\mathcal{O}(3; \{3^7, 4^2, 12^2\})$	4060938240
12	$\mathcal{O}(3; \{2^5, 3, 4^4, 12^2\})$	191102976
12	$\mathcal{O}(3; \{2, 3^4, 4^4, 12^2\})$	2102132736
12	$\mathcal{O}(3; \{2^2, 3, 4^6, 12^2\})$	764411904
12	$\mathcal{O}(3; \{2^8, 3^2, 6, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^4, 3^5, 6, 12^2\})$	513589248
12	$\mathcal{O}(3; \{3^8, 6, 12^2\})$	4072882176
12	$\mathcal{O}(3; \{2^5, 3^2, 4^2, 6, 12^2\})$	238878720
12	$\mathcal{O}(3; \{2, 3^5, 4^2, 6, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{2^2, 3^2, 4^4, 6, 12^2\})$	955514880
12	$\mathcal{O}(3; \{2^9, 6^2, 12^2\})$	35831808
12	$\mathcal{O}(3; \{2^5, 3^3, 6^2, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2, 3^6, 6^2, 12^2\})$	2042413056

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^6, 4^2, 6^2, 12^2\})$	143327232
12	$\mathcal{O}(3; \{2^2, 3^3, 4^2, 6^2, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 4^4, 6^2, 12^2\})$	573308928
12	$\mathcal{O}(3; \{4^6, 6^2, 12^2\})$	2293235712
12	$\mathcal{O}(3; \{2^6, 3, 6^3, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^4, 6^3, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^3, 3, 4^2, 6^3, 12^2\})$	525533184
12	$\mathcal{O}(3; \{3, 4^4, 6^3, 12^2\})$	2102132736
12	$\mathcal{O}(3; \{2^3, 3^2, 6^4, 12^2\})$	513589248
12	$\mathcal{O}(3; \{3^2, 4^2, 6^4, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{2^4, 6^5, 12^2\})$	250822656
12	$\mathcal{O}(3; \{3^3, 6^5, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2, 4^2, 6^5, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2, 3, 6^6, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^9, 4, 12^3\})$	47775744
12	$\mathcal{O}(3; \{2^5, 3^3, 4, 12^3\})$	525533184
12	$\mathcal{O}(3; \{2, 3^6, 4, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2^6, 4^3, 12^3\})$	191102976
12	$\mathcal{O}(3; \{2^2, 3^3, 4^3, 12^3\})$	2102132736
12	$\mathcal{O}(3; \{2^3, 4^5, 12^3\})$	764411904
12	$\mathcal{O}(3; \{4^7, 12^3\})$	3057647616
12	$\mathcal{O}(3; \{2^6, 3, 4, 6, 12^3\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3^4, 4, 6, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2^3, 3, 4^3, 6, 12^3\})$	955514880
12	$\mathcal{O}(3; \{3, 4^5, 6, 12^3\})$	3822059520
12	$\mathcal{O}(3; \{2^3, 3^2, 4, 6^2, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{3^2, 4^3, 6^2, 12^3\})$	4013162496
12	$\mathcal{O}(3; \{2^4, 4, 6^3, 12^3\})$	525533184
12	$\mathcal{O}(3; \{3^3, 4, 6^3, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2, 4^3, 6^3, 12^3\})$	2102132736
12	$\mathcal{O}(3; \{2, 3, 4, 6^4, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2^6, 3^2, 12^4\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3^5, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2^3, 3^2, 4^2, 12^4\})$	2102132736
12	$\mathcal{O}(3; \{3^2, 4^4, 12^4\})$	8408530944
12	$\mathcal{O}(3; \{2^7, 6, 12^4\})$	238878720
12	$\mathcal{O}(3; \{2^3, 3^3, 6, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2^4, 4^2, 6, 12^4\})$	955514880
12	$\mathcal{O}(3; \{3^3, 4^2, 6, 12^4\})$	8217427968
12	$\mathcal{O}(3; \{2, 4^4, 6, 12^4\})$	3822059520
12	$\mathcal{O}(3; \{2^4, 3, 6^2, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{3^4, 6^2, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2, 3, 4^2, 6^2, 12^4\})$	4013162496

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2, 3^2, 6^3, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2^2, 6^4, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2^4, 3, 4, 12^5\})$	2102132736
12	$\mathcal{O}(3; \{3^4, 4, 12^5\})$	16243752960
12	$\mathcal{O}(3; \{2, 3, 4^3, 12^5\})$	8408530944
12	$\mathcal{O}(3; \{2, 3^2, 4, 6, 12^5\})$	8217427968
12	$\mathcal{O}(3; \{2^2, 4, 6^2, 12^5\})$	4013162496
12	$\mathcal{O}(3; \{2^5, 12^6\})$	2102132736
12	$\mathcal{O}(3; \{2, 3^3, 12^6\})$	16243752960
12	$\mathcal{O}(3; \{2^2, 4^2, 12^6\})$	8408530944
12	$\mathcal{O}(3; \{2^2, 3, 6, 12^6\})$	8217427968
12	$\mathcal{O}(3; \{6^3, 12^6\})$	16243752960
12	$\mathcal{O}(3; \{4, 6, 12^7\})$	32869711872
12	$\mathcal{O}(3; \{3, 12^8\})$	64975011840
12	$\mathcal{O}(2; \{2^{20}\})$	19200
12	$\mathcal{O}(2; \{2^{16}, 3^3\})$	38880
12	$\mathcal{O}(2; \{2^{12}, 3^6\})$	427680
12	$\mathcal{O}(2; \{2^8, 3^9\})$	3304800
12	$\mathcal{O}(2; \{2^4, 3^{12}\})$	26555040
12	$\mathcal{O}(2; \{3^{15}\})$	212323680
12	$\mathcal{O}(2; \{2^{17}, 4^2\})$	40960
12	$\mathcal{O}(2; \{2^{13}, 3^3, 4^2\})$	82944
12	$\mathcal{O}(2; \{2^9, 3^6, 4^2\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^9, 4^2\})$	7050240
12	$\mathcal{O}(2; \{2, 3^{12}, 4^2\})$	56650752
12	$\mathcal{O}(2; \{2^{14}, 4^4\})$	163840
12	$\mathcal{O}(2; \{2^{10}, 3^3, 4^4\})$	331776
12	$\mathcal{O}(2; \{2^6, 3^6, 4^4\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^9, 4^4\})$	28200960
12	$\mathcal{O}(2; \{2^{11}, 4^6\})$	655360
12	$\mathcal{O}(2; \{2^7, 3^3, 4^6\})$	1327104
12	$\mathcal{O}(2; \{2^3, 3^6, 4^6\})$	14598144
12	$\mathcal{O}(2; \{2^8, 4^8\})$	2621440
12	$\mathcal{O}(2; \{2^4, 3^3, 4^8\})$	5308416
12	$\mathcal{O}(2; \{3^6, 4^8\})$	58392576
12	$\mathcal{O}(2; \{2^5, 4^{10}\})$	10485760
12	$\mathcal{O}(2; \{2, 3^3, 4^{10}\})$	21233664
12	$\mathcal{O}(2; \{2^2, 4^{12}\})$	41943040
12	$\mathcal{O}(2; \{2^{17}, 3, 6\})$	38880
12	$\mathcal{O}(2; \{2^{13}, 3^4, 6\})$	194400
12	$\mathcal{O}(2; \{2^9, 3^7, 6\})$	1671840
12	$\mathcal{O}(2; \{2^5, 3^{10}, 6\})$	13258080
12	$\mathcal{O}(2; \{2, 3^{13}, 6\})$	106181280

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^{14}, 3, 4^2, 6\})$	82944
12	$\mathcal{O}(2; \{2^{10}, 3^4, 4^2, 6\})$	414720
12	$\mathcal{O}(2; \{2^6, 3^7, 4^2, 6\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^{10}, 4^2, 6\})$	28283904
12	$\mathcal{O}(2; \{2^{11}, 3, 4^4, 6\})$	331776
12	$\mathcal{O}(2; \{2^7, 3^4, 4^4, 6\})$	1658880
12	$\mathcal{O}(2; \{2^3, 3^7, 4^4, 6\})$	14266368
12	$\mathcal{O}(2; \{2^8, 3, 4^6, 6\})$	1327104
12	$\mathcal{O}(2; \{2^4, 3^4, 4^6, 6\})$	6635520
12	$\mathcal{O}(2; \{3^7, 4^6, 6\})$	57065472
12	$\mathcal{O}(2; \{2^5, 3, 4^8, 6\})$	5308416
12	$\mathcal{O}(2; \{2, 3^4, 4^8, 6\})$	26542080
12	$\mathcal{O}(2; \{2^2, 3, 4^{10}, 6\})$	21233664
12	$\mathcal{O}(2; \{2^{14}, 3^2, 6^2\})$	116640
12	$\mathcal{O}(2; \{2^{10}, 3^5, 6^2\})$	816480
12	$\mathcal{O}(2; \{2^6, 3^8, 6^2\})$	6648480
12	$\mathcal{O}(2; \{2^2, 3^{11}, 6^2\})$	53071200
12	$\mathcal{O}(2; \{2^{11}, 3^2, 4^2, 6^2\})$	248832
12	$\mathcal{O}(2; \{2^7, 3^5, 4^2, 6^2\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^8, 4^2, 6^2\})$	14183424
12	$\mathcal{O}(2; \{2^8, 3^2, 4^4, 6^2\})$	995328
12	$\mathcal{O}(2; \{2^4, 3^5, 4^4, 6^2\})$	6967296
12	$\mathcal{O}(2; \{3^8, 4^4, 6^2\})$	56733696
12	$\mathcal{O}(2; \{2^5, 3^2, 4^6, 6^2\})$	3981312
12	$\mathcal{O}(2; \{2, 3^5, 4^6, 6^2\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^2, 4^8, 6^2\})$	15925248
12	$\mathcal{O}(2; \{2^{15}, 6^3\})$	38880
12	$\mathcal{O}(2; \{2^{11}, 3^3, 6^3\})$	427680
12	$\mathcal{O}(2; \{2^7, 3^6, 6^3\})$	3304800
12	$\mathcal{O}(2; \{2^3, 3^9, 6^3\})$	26555040
12	$\mathcal{O}(2; \{2^{12}, 4^2, 6^3\})$	82944
12	$\mathcal{O}(2; \{2^8, 3^3, 4^2, 6^3\})$	912384
12	$\mathcal{O}(2; \{2^4, 3^6, 4^2, 6^3\})$	7050240
12	$\mathcal{O}(2; \{3^9, 4^2, 6^3\})$	56650752
12	$\mathcal{O}(2; \{2^9, 4^4, 6^3\})$	331776
12	$\mathcal{O}(2; \{2^5, 3^3, 4^4, 6^3\})$	3649536
12	$\mathcal{O}(2; \{2, 3^6, 4^4, 6^3\})$	28200960
12	$\mathcal{O}(2; \{2^6, 4^6, 6^3\})$	1327104
12	$\mathcal{O}(2; \{2^2, 3^3, 4^6, 6^3\})$	14598144
12	$\mathcal{O}(2; \{2^3, 4^8, 6^3\})$	5308416
12	$\mathcal{O}(2; \{4^{10}, 6^3\})$	21233664
12	$\mathcal{O}(2; \{2^{12}, 3, 6^4\})$	194400
12	$\mathcal{O}(2; \{2^8, 3^4, 6^4\})$	1671840

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^4, 3^7, 6^4\})$	13258080
12	$\mathcal{O}(2; \{3^{10}, 6^4\})$	106181280
12	$\mathcal{O}(2; \{2^9, 3, 4^2, 6^4\})$	414720
12	$\mathcal{O}(2; \{2^5, 3^4, 4^2, 6^4\})$	3566592
12	$\mathcal{O}(2; \{2, 3^7, 4^2, 6^4\})$	28283904
12	$\mathcal{O}(2; \{2^6, 3, 4^4, 6^4\})$	1658880
12	$\mathcal{O}(2; \{2^2, 3^4, 4^4, 6^4\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3, 4^6, 6^4\})$	6635520
12	$\mathcal{O}(2; \{3, 4^8, 6^4\})$	26542080
12	$\mathcal{O}(2; \{2^9, 3^2, 6^5\})$	816480
12	$\mathcal{O}(2; \{2^5, 3^5, 6^5\})$	6648480
12	$\mathcal{O}(2; \{2, 3^8, 6^5\})$	53071200
12	$\mathcal{O}(2; \{2^6, 3^2, 4^2, 6^5\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^5, 4^2, 6^5\})$	14183424
12	$\mathcal{O}(2; \{2^3, 3^2, 4^4, 6^5\})$	6967296
12	$\mathcal{O}(2; \{3^2, 4^6, 6^5\})$	27869184
12	$\mathcal{O}(2; \{2^{10}, 6^6\})$	427680
12	$\mathcal{O}(2; \{2^6, 3^3, 6^6\})$	3304800
12	$\mathcal{O}(2; \{2^2, 3^6, 6^6\})$	26555040
12	$\mathcal{O}(2; \{2^7, 4^2, 6^6\})$	912384
12	$\mathcal{O}(2; \{2^3, 3^3, 4^2, 6^6\})$	7050240
12	$\mathcal{O}(2; \{2^4, 4^4, 6^6\})$	3649536
12	$\mathcal{O}(2; \{3^3, 4^4, 6^6\})$	28200960
12	$\mathcal{O}(2; \{2, 4^6, 6^6\})$	14598144
12	$\mathcal{O}(2; \{2^7, 3, 6^7\})$	1671840
12	$\mathcal{O}(2; \{2^3, 3^4, 6^7\})$	13258080
12	$\mathcal{O}(2; \{2^4, 3, 4^2, 6^7\})$	3566592
12	$\mathcal{O}(2; \{3^4, 4^2, 6^7\})$	28283904
12	$\mathcal{O}(2; \{2, 3, 4^4, 6^7\})$	14266368
12	$\mathcal{O}(2; \{2^4, 3^2, 6^8\})$	6648480
12	$\mathcal{O}(2; \{3^5, 6^8\})$	53071200
12	$\mathcal{O}(2; \{2, 3^2, 4^2, 6^8\})$	14183424
12	$\mathcal{O}(2; \{2^5, 6^9\})$	3304800
12	$\mathcal{O}(2; \{2, 3^3, 6^9\})$	26555040
12	$\mathcal{O}(2; \{2^2, 4^2, 6^9\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3, 6^{10}\})$	13258080
12	$\mathcal{O}(2; \{6^{12}\})$	26555040
12	$\mathcal{O}(2; \{2^{14}, 3^2, 4, 12\})$	82944
12	$\mathcal{O}(2; \{2^{10}, 3^5, 4, 12\})$	912384
12	$\mathcal{O}(2; \{2^6, 3^8, 4, 12\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^{11}, 4, 12\})$	56650752
12	$\mathcal{O}(2; \{2^{11}, 3^2, 4^3, 12\})$	331776
12	$\mathcal{O}(2; \{2^7, 3^5, 4^3, 12\})$	3649536

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^3, 3^8, 4^3, 12\})$	28200960
12	$\mathcal{O}(2; \{2^8, 3^2, 4^5, 12\})$	1327104
12	$\mathcal{O}(2; \{2^4, 3^5, 4^5, 12\})$	14598144
12	$\mathcal{O}(2; \{3^8, 4^5, 12\})$	112803840
12	$\mathcal{O}(2; \{2^5, 3^2, 4^7, 12\})$	5308416
12	$\mathcal{O}(2; \{2, 3^5, 4^7, 12\})$	58392576
12	$\mathcal{O}(2; \{2^2, 3^2, 4^9, 12\})$	21233664
12	$\mathcal{O}(2; \{2^{15}, 4, 6, 12\})$	82944
12	$\mathcal{O}(2; \{2^{11}, 3^3, 4, 6, 12\})$	414720
12	$\mathcal{O}(2; \{2^7, 3^6, 4, 6, 12\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^9, 4, 6, 12\})$	28283904
12	$\mathcal{O}(2; \{2^{12}, 4^3, 6, 12\})$	331776
12	$\mathcal{O}(2; \{2^8, 3^3, 4^3, 6, 12\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3^6, 4^3, 6, 12\})$	14266368
12	$\mathcal{O}(2; \{3^9, 4^3, 6, 12\})$	113135616
12	$\mathcal{O}(2; \{2^9, 4^5, 6, 12\})$	1327104
12	$\mathcal{O}(2; \{2^5, 3^3, 4^5, 6, 12\})$	6635520
12	$\mathcal{O}(2; \{2, 3^6, 4^5, 6, 12\})$	57065472
12	$\mathcal{O}(2; \{2^6, 4^7, 6, 12\})$	5308416
12	$\mathcal{O}(2; \{2^2, 3^3, 4^7, 6, 12\})$	26542080
12	$\mathcal{O}(2; \{2^3, 4^9, 6, 12\})$	21233664
12	$\mathcal{O}(2; \{4^{11}, 6, 12\})$	84934656
12	$\mathcal{O}(2; \{2^{12}, 3, 4, 6^2, 12\})$	248832
12	$\mathcal{O}(2; \{2^8, 3^4, 4, 6^2, 12\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^7, 4, 6^2, 12\})$	14183424
12	$\mathcal{O}(2; \{3^{10}, 4, 6^2, 12\})$	113218560
12	$\mathcal{O}(2; \{2^9, 3, 4^3, 6^2, 12\})$	995328
12	$\mathcal{O}(2; \{2^5, 3^4, 4^3, 6^2, 12\})$	6967296
12	$\mathcal{O}(2; \{2, 3^7, 4^3, 6^2, 12\})$	56733696
12	$\mathcal{O}(2; \{2^6, 3, 4^5, 6^2, 12\})$	3981312
12	$\mathcal{O}(2; \{2^2, 3^4, 4^5, 6^2, 12\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3, 4^7, 6^2, 12\})$	15925248
12	$\mathcal{O}(2; \{3, 4^9, 6^2, 12\})$	63700992
12	$\mathcal{O}(2; \{2^9, 3^2, 4, 6^3, 12\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^5, 4, 6^3, 12\})$	7050240
12	$\mathcal{O}(2; \{2, 3^8, 4, 6^3, 12\})$	56650752
12	$\mathcal{O}(2; \{2^6, 3^2, 4^3, 6^3, 12\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^5, 4^3, 6^3, 12\})$	28200960
12	$\mathcal{O}(2; \{2^3, 3^2, 4^5, 6^3, 12\})$	14598144
12	$\mathcal{O}(2; \{3^2, 4^7, 6^3, 12\})$	58392576
12	$\mathcal{O}(2; \{2^{10}, 4, 6^4, 12\})$	414720
12	$\mathcal{O}(2; \{2^6, 3^3, 4, 6^4, 12\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^6, 4, 6^4, 12\})$	28283904

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^7, 4^3, 6^4, 12\})$	1658880
12	$\mathcal{O}(2; \{2^3, 3^3, 4^3, 6^4, 12\})$	14266368
12	$\mathcal{O}(2; \{2^4, 4^5, 6^4, 12\})$	6635520
12	$\mathcal{O}(2; \{3^3, 4^5, 6^4, 12\})$	57065472
12	$\mathcal{O}(2; \{2, 4^7, 6^4, 12\})$	26542080
12	$\mathcal{O}(2; \{2^7, 3, 4, 6^5, 12\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^4, 4, 6^5, 12\})$	14183424
12	$\mathcal{O}(2; \{2^4, 3, 4^3, 6^5, 12\})$	6967296
12	$\mathcal{O}(2; \{3^4, 4^3, 6^5, 12\})$	56733696
12	$\mathcal{O}(2; \{2, 3, 4^5, 6^5, 12\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3^2, 4, 6^6, 12\})$	7050240
12	$\mathcal{O}(2; \{3^5, 4, 6^6, 12\})$	56650752
12	$\mathcal{O}(2; \{2, 3^2, 4^3, 6^6, 12\})$	28200960
12	$\mathcal{O}(2; \{2^5, 4, 6^7, 12\})$	3566592
12	$\mathcal{O}(2; \{2, 3^3, 4, 6^7, 12\})$	28283904
12	$\mathcal{O}(2; \{2^2, 4^3, 6^7, 12\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3, 4, 6^8, 12\})$	14183424
12	$\mathcal{O}(2; \{4, 6^{10}, 12\})$	28283904
12	$\mathcal{O}(2; \{2^{15}, 3, 12^2\})$	82944
12	$\mathcal{O}(2; \{2^{11}, 3^4, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^7, 3^7, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3^{10}, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^{12}, 3, 4^2, 12^2\})$	331776
12	$\mathcal{O}(2; \{2^8, 3^4, 4^2, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^7, 4^2, 12^2\})$	28200960
12	$\mathcal{O}(2; \{3^{10}, 4^2, 12^2\})$	226603008
12	$\mathcal{O}(2; \{2^9, 3, 4^4, 12^2\})$	1327104
12	$\mathcal{O}(2; \{2^5, 3^4, 4^4, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2, 3^7, 4^4, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^6, 3, 4^6, 12^2\})$	5308416
12	$\mathcal{O}(2; \{2^2, 3^4, 4^6, 12^2\})$	58392576
12	$\mathcal{O}(2; \{2^3, 3, 4^8, 12^2\})$	21233664
12	$\mathcal{O}(2; \{3, 4^{10}, 12^2\})$	84934656
12	$\mathcal{O}(2; \{2^{12}, 3^2, 6, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^8, 3^5, 6, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3^8, 6, 12^2\})$	28283904
12	$\mathcal{O}(2; \{3^{11}, 6, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2^9, 3^2, 4^2, 6, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^5, 3^5, 4^2, 6, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2, 3^8, 4^2, 6, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^6, 3^2, 4^4, 6, 12^2\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^5, 4^4, 6, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^3, 3^2, 4^6, 6, 12^2\})$	26542080

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{3^2, 4^8, 6, 12^2\})$	106168320
12	$\mathcal{O}(2; \{2^{13}, 6^2, 12^2\})$	248832
12	$\mathcal{O}(2; \{2^9, 3^3, 6^2, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^6, 6^2, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2, 3^9, 6^2, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^{10}, 4^2, 6^2, 12^2\})$	995328
12	$\mathcal{O}(2; \{2^6, 3^3, 4^2, 6^2, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^6, 4^2, 6^2, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^7, 4^4, 6^2, 12^2\})$	3981312
12	$\mathcal{O}(2; \{2^3, 3^3, 4^4, 6^2, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2^4, 4^6, 6^2, 12^2\})$	15925248
12	$\mathcal{O}(2; \{3^3, 4^6, 6^2, 12^2\})$	111476736
12	$\mathcal{O}(2; \{2, 4^8, 6^2, 12^2\})$	63700992
12	$\mathcal{O}(2; \{2^{10}, 3, 6^3, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^6, 3^4, 6^3, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^7, 6^3, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^7, 3, 4^2, 6^3, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^4, 4^2, 6^3, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^4, 3, 4^4, 6^3, 12^2\})$	14598144
12	$\mathcal{O}(2; \{3^4, 4^4, 6^3, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2, 3, 4^6, 6^3, 12^2\})$	58392576
12	$\mathcal{O}(2; \{2^7, 3^2, 6^4, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^5, 6^4, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^4, 3^2, 4^2, 6^4, 12^2\})$	14266368
12	$\mathcal{O}(2; \{3^5, 4^2, 6^4, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2, 3^2, 4^4, 6^4, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^8, 6^5, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^3, 6^5, 12^2\})$	14183424
12	$\mathcal{O}(2; \{3^6, 6^5, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^5, 4^2, 6^5, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2, 3^3, 4^2, 6^5, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^2, 4^4, 6^5, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2^5, 3, 6^6, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2, 3^4, 6^6, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^2, 3, 4^2, 6^6, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^2, 6^7, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^3, 6^8, 12^2\})$	14183424
12	$\mathcal{O}(2; \{4^2, 6^8, 12^2\})$	56733696
12	$\mathcal{O}(2; \{3, 6^9, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^{13}, 4, 12^3\})$	331776
12	$\mathcal{O}(2; \{2^9, 3^3, 4, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^5, 3^6, 4, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2, 3^9, 4, 12^3\})$	226603008

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^{10}, 4^3, 12^3\})$	1327104
12	$\mathcal{O}(2; \{2^6, 3^3, 4^3, 12^3\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3^6, 4^3, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^7, 4^5, 12^3\})$	5308416
12	$\mathcal{O}(2; \{2^3, 3^3, 4^5, 12^3\})$	58392576
12	$\mathcal{O}(2; \{2^4, 4^7, 12^3\})$	21233664
12	$\mathcal{O}(2; \{3^3, 4^7, 12^3\})$	233570304
12	$\mathcal{O}(2; \{2, 4^9, 12^3\})$	84934656
12	$\mathcal{O}(2; \{2^{10}, 3, 4, 6, 12^3\})$	1658880
12	$\mathcal{O}(2; \{2^6, 3^4, 4, 6, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^7, 4, 6, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^7, 3, 4^3, 6, 12^3\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3^4, 4^3, 6, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2^4, 3, 4^5, 6, 12^3\})$	26542080
12	$\mathcal{O}(2; \{3^4, 4^5, 6, 12^3\})$	228261888
12	$\mathcal{O}(2; \{2, 3, 4^7, 6, 12^3\})$	106168320
12	$\mathcal{O}(2; \{2^7, 3^2, 4, 6^2, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^5, 4, 6^2, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^4, 3^2, 4^3, 6^2, 12^3\})$	27869184
12	$\mathcal{O}(2; \{3^5, 4^3, 6^2, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2, 3^2, 4^5, 6^2, 12^3\})$	111476736
12	$\mathcal{O}(2; \{2^8, 4, 6^3, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^3, 4, 6^3, 12^3\})$	28200960
12	$\mathcal{O}(2; \{3^6, 4, 6^3, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^5, 4^3, 6^3, 12^3\})$	14598144
12	$\mathcal{O}(2; \{2, 3^3, 4^3, 6^3, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^2, 4^5, 6^3, 12^3\})$	58392576
12	$\mathcal{O}(2; \{2^5, 3, 4, 6^4, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2, 3^4, 4, 6^4, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^2, 3, 4^3, 6^4, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3^2, 4, 6^5, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^3, 4, 6^6, 12^3\})$	28200960
12	$\mathcal{O}(2; \{4^3, 6^6, 12^3\})$	112803840
12	$\mathcal{O}(2; \{3, 4, 6^7, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^{10}, 3^2, 12^4\})$	3649536
12	$\mathcal{O}(2; \{2^6, 3^5, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^8, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^7, 3^2, 4^2, 12^4\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3^5, 4^2, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2^4, 3^2, 4^4, 12^4\})$	58392576
12	$\mathcal{O}(2; \{3^5, 4^4, 12^4\})$	451215360
12	$\mathcal{O}(2; \{2, 3^2, 4^6, 12^4\})$	233570304
12	$\mathcal{O}(2; \{2^{11}, 6, 12^4\})$	1658880

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^7, 3^3, 6, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3^6, 6, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^8, 4^2, 6, 12^4\})$	6635520
12	$\mathcal{O}(2; \{2^4, 3^3, 4^2, 6, 12^4\})$	57065472
12	$\mathcal{O}(2; \{3^6, 4^2, 6, 12^4\})$	452542464
12	$\mathcal{O}(2; \{2^5, 4^4, 6, 12^4\})$	26542080
12	$\mathcal{O}(2; \{2, 3^3, 4^4, 6, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2^2, 4^6, 6, 12^4\})$	106168320
12	$\mathcal{O}(2; \{2^8, 3, 6^2, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^4, 6^2, 12^4\})$	56733696
12	$\mathcal{O}(2; \{3^7, 6^2, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2^5, 3, 4^2, 6^2, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2, 3^4, 4^2, 6^2, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^2, 3, 4^4, 6^2, 12^4\})$	111476736
12	$\mathcal{O}(2; \{2^5, 3^2, 6^3, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2, 3^5, 6^3, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^2, 3^2, 4^2, 6^3, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2^6, 6^4, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^3, 6^4, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^3, 4^2, 6^4, 12^4\})$	57065472
12	$\mathcal{O}(2; \{4^4, 6^4, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2^3, 3, 6^5, 12^4\})$	56733696
12	$\mathcal{O}(2; \{3, 4^2, 6^5, 12^4\})$	226934784
12	$\mathcal{O}(2; \{3^2, 6^6, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2, 6^7, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^8, 3, 4, 12^5\})$	14598144
12	$\mathcal{O}(2; \{2^4, 3^4, 4, 12^5\})$	112803840
12	$\mathcal{O}(2; \{3^7, 4, 12^5\})$	906412032
12	$\mathcal{O}(2; \{2^5, 3, 4^3, 12^5\})$	58392576
12	$\mathcal{O}(2; \{2, 3^4, 4^3, 12^5\})$	451215360
12	$\mathcal{O}(2; \{2^2, 3, 4^5, 12^5\})$	233570304
12	$\mathcal{O}(2; \{2^5, 3^2, 4, 6, 12^5\})$	57065472
12	$\mathcal{O}(2; \{2, 3^5, 4, 6, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^2, 3^2, 4^3, 6, 12^5\})$	228261888
12	$\mathcal{O}(2; \{2^6, 4, 6^2, 12^5\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^3, 4, 6^2, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2^3, 4^3, 6^2, 12^5\})$	111476736
12	$\mathcal{O}(2; \{4^5, 6^2, 12^5\})$	445906944
12	$\mathcal{O}(2; \{2^3, 3, 4, 6^3, 12^5\})$	112803840
12	$\mathcal{O}(2; \{3, 4^3, 6^3, 12^5\})$	451215360
12	$\mathcal{O}(2; \{3^2, 4, 6^4, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2, 4, 6^5, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2^9, 12^6\})$	14598144

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^5, 3^3, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2, 3^6, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^6, 4^2, 12^6\})$	58392576
12	$\mathcal{O}(2; \{2^2, 3^3, 4^2, 12^6\})$	451215360
12	$\mathcal{O}(2; \{2^3, 4^4, 12^6\})$	233570304
12	$\mathcal{O}(2; \{4^6, 12^6\})$	934281216
12	$\mathcal{O}(2; \{2^6, 3, 6, 12^6\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3^4, 6, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2^3, 3, 4^2, 6, 12^6\})$	228261888
12	$\mathcal{O}(2; \{3, 4^4, 6, 12^6\})$	913047552
12	$\mathcal{O}(2; \{2^3, 3^2, 6^2, 12^6\})$	226934784
12	$\mathcal{O}(2; \{3^2, 4^2, 6^2, 12^6\})$	907739136
12	$\mathcal{O}(2; \{2^4, 6^3, 12^6\})$	112803840
12	$\mathcal{O}(2; \{3^3, 6^3, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2, 4^2, 6^3, 12^6\})$	451215360
12	$\mathcal{O}(2; \{2, 3, 6^4, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2^3, 3^2, 4, 12^7\})$	451215360
12	$\mathcal{O}(2; \{3^2, 4^3, 12^7\})$	1804861440
12	$\mathcal{O}(2; \{2^4, 4, 6, 12^7\})$	228261888
12	$\mathcal{O}(2; \{3^3, 4, 6, 12^7\})$	1810169856
12	$\mathcal{O}(2; \{2, 4^3, 6, 12^7\})$	913047552
12	$\mathcal{O}(2; \{2, 3, 4, 6^2, 12^7\})$	907739136
12	$\mathcal{O}(2; \{2^4, 3, 12^8\})$	451215360
12	$\mathcal{O}(2; \{3^4, 12^8\})$	3625648128
12	$\mathcal{O}(2; \{2, 3, 4^2, 12^8\})$	1804861440
12	$\mathcal{O}(2; \{2, 3^2, 6, 12^8\})$	1810169856
12	$\mathcal{O}(2; \{2^2, 6^2, 12^8\})$	907739136
12	$\mathcal{O}(2; \{2^2, 4, 12^9\})$	1804861440
12	$\mathcal{O}(2; \{6, 12^{10}\})$	7240679424
12	$\mathcal{O}(1; \{2^{24}\})$	96
12	$\mathcal{O}(1; \{2^{20}, 3^3\})$	216
12	$\mathcal{O}(1; \{2^{16}, 3^6\})$	2376
12	$\mathcal{O}(1; \{2^{12}, 3^9\})$	18360
12	$\mathcal{O}(1; \{2^8, 3^{12}\})$	147528
12	$\mathcal{O}(1; \{2^4, 3^{15}\})$	1179576
12	$\mathcal{O}(1; \{3^{18}\})$	9437256
12	$\mathcal{O}(1; \{2^{21}, 4^2\})$	256
12	$\mathcal{O}(1; \{2^{17}, 3^3, 4^2\})$	576
12	$\mathcal{O}(1; \{2^{13}, 3^6, 4^2\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^9, 4^2\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^{12}, 4^2\})$	393408
12	$\mathcal{O}(1; \{2, 3^{15}, 4^2\})$	3145536
12	$\mathcal{O}(1; \{2^{18}, 4^4\})$	1024

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{14}, 3^3, 4^4\})$	2304
12	$\mathcal{O}(1; \{2^{10}, 3^6, 4^4\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^9, 4^4\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^{12}, 4^4\})$	1573632
12	$\mathcal{O}(1; \{2^{15}, 4^6\})$	4096
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^6\})$	9216
12	$\mathcal{O}(1; \{2^7, 3^6, 4^6\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^9, 4^6\})$	783360
12	$\mathcal{O}(1; \{2^{12}, 4^8\})$	16384
12	$\mathcal{O}(1; \{2^8, 3^3, 4^8\})$	36864
12	$\mathcal{O}(1; \{2^4, 3^6, 4^8\})$	405504
12	$\mathcal{O}(1; \{3^9, 4^8\})$	3133440
12	$\mathcal{O}(1; \{2^9, 4^{10}\})$	65536
12	$\mathcal{O}(1; \{2^5, 3^3, 4^{10}\})$	147456
12	$\mathcal{O}(1; \{2, 3^6, 4^{10}\})$	1622016
12	$\mathcal{O}(1; \{2^6, 4^{12}\})$	262144
12	$\mathcal{O}(1; \{2^2, 3^3, 4^{12}\})$	589824
12	$\mathcal{O}(1; \{2^3, 4^{14}\})$	1048576
12	$\mathcal{O}(1; \{4^{16}\})$	4194304
12	$\mathcal{O}(1; \{2^{21}, 3, 6\})$	216
12	$\mathcal{O}(1; \{2^{17}, 3^4, 6\})$	1080
12	$\mathcal{O}(1; \{2^{13}, 3^7, 6\})$	9288
12	$\mathcal{O}(1; \{2^9, 3^{10}, 6\})$	73656
12	$\mathcal{O}(1; \{2^5, 3^{13}, 6\})$	589896
12	$\mathcal{O}(1; \{2, 3^{16}, 6\})$	4718520
12	$\mathcal{O}(1; \{2^{18}, 3, 4^2, 6\})$	576
12	$\mathcal{O}(1; \{2^{14}, 3^4, 4^2, 6\})$	2880
12	$\mathcal{O}(1; \{2^{10}, 3^7, 4^2, 6\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^{10}, 4^2, 6\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^{13}, 4^2, 6\})$	1573056
12	$\mathcal{O}(1; \{2^{15}, 3, 4^4, 6\})$	2304
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^4, 6\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^7, 4^4, 6\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^4, 6\})$	785664
12	$\mathcal{O}(1; \{2^{12}, 3, 4^6, 6\})$	9216
12	$\mathcal{O}(1; \{2^8, 3^4, 4^6, 6\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^7, 4^6, 6\})$	396288
12	$\mathcal{O}(1; \{3^{10}, 4^6, 6\})$	3142656
12	$\mathcal{O}(1; \{2^9, 3, 4^8, 6\})$	36864
12	$\mathcal{O}(1; \{2^5, 3^4, 4^8, 6\})$	184320
12	$\mathcal{O}(1; \{2, 3^7, 4^8, 6\})$	1585152
12	$\mathcal{O}(1; \{2^6, 3, 4^{10}, 6\})$	147456
12	$\mathcal{O}(1; \{2^2, 3^4, 4^{10}, 6\})$	737280

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3, 4^{12}, 6\})$	589824
12	$\mathcal{O}(1; \{3, 4^{14}, 6\})$	2359296
12	$\mathcal{O}(1; \{2^{18}, 3^2, 6^2\})$	648
12	$\mathcal{O}(1; \{2^{14}, 3^5, 6^2\})$	4536
12	$\mathcal{O}(1; \{2^{10}, 3^8, 6^2\})$	36936
12	$\mathcal{O}(1; \{2^6, 3^{11}, 6^2\})$	294840
12	$\mathcal{O}(1; \{2^2, 3^{14}, 6^2\})$	2359368
12	$\mathcal{O}(1; \{2^{15}, 3^2, 4^2, 6^2\})$	1728
12	$\mathcal{O}(1; \{2^{11}, 3^5, 4^2, 6^2\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^8, 4^2, 6^2\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^{11}, 4^2, 6^2\})$	786240
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^4, 6^2\})$	6912
12	$\mathcal{O}(1; \{2^8, 3^5, 4^4, 6^2\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^8, 4^4, 6^2\})$	393984
12	$\mathcal{O}(1; \{3^{11}, 4^4, 6^2\})$	3144960
12	$\mathcal{O}(1; \{2^9, 3^2, 4^6, 6^2\})$	27648
12	$\mathcal{O}(1; \{2^5, 3^5, 4^6, 6^2\})$	193536
12	$\mathcal{O}(1; \{2, 3^8, 4^6, 6^2\})$	1575936
12	$\mathcal{O}(1; \{2^6, 3^2, 4^8, 6^2\})$	110592
12	$\mathcal{O}(1; \{2^2, 3^5, 4^8, 6^2\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^2, 4^{10}, 6^2\})$	442368
12	$\mathcal{O}(1; \{3^2, 4^{12}, 6^2\})$	1769472
12	$\mathcal{O}(1; \{2^{19}, 6^3\})$	216
12	$\mathcal{O}(1; \{2^{15}, 3^3, 6^3\})$	2376
12	$\mathcal{O}(1; \{2^{11}, 3^6, 6^3\})$	18360
12	$\mathcal{O}(1; \{2^7, 3^9, 6^3\})$	147528
12	$\mathcal{O}(1; \{2^3, 3^{12}, 6^3\})$	1179576
12	$\mathcal{O}(1; \{2^{16}, 4^2, 6^3\})$	576
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^2, 6^3\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^6, 4^2, 6^3\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^9, 4^2, 6^3\})$	393408
12	$\mathcal{O}(1; \{3^{12}, 4^2, 6^3\})$	3145536
12	$\mathcal{O}(1; \{2^{13}, 4^4, 6^3\})$	2304
12	$\mathcal{O}(1; \{2^9, 3^3, 4^4, 6^3\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^6, 4^4, 6^3\})$	195840
12	$\mathcal{O}(1; \{2, 3^9, 4^4, 6^3\})$	1573632
12	$\mathcal{O}(1; \{2^{10}, 4^6, 6^3\})$	9216
12	$\mathcal{O}(1; \{2^6, 3^3, 4^6, 6^3\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^6, 4^6, 6^3\})$	783360
12	$\mathcal{O}(1; \{2^7, 4^8, 6^3\})$	36864
12	$\mathcal{O}(1; \{2^3, 3^3, 4^8, 6^3\})$	405504
12	$\mathcal{O}(1; \{2^4, 4^{10}, 6^3\})$	147456
12	$\mathcal{O}(1; \{3^3, 4^{10}, 6^3\})$	1622016

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 4^{12}, 6^3\})$	589824
12	$\mathcal{O}(1; \{2^{16}, 3, 6^4\})$	1080
12	$\mathcal{O}(1; \{2^{12}, 3^4, 6^4\})$	9288
12	$\mathcal{O}(1; \{2^8, 3^7, 6^4\})$	73656
12	$\mathcal{O}(1; \{2^4, 3^{10}, 6^4\})$	589896
12	$\mathcal{O}(1; \{3^{13}, 6^4\})$	4718520
12	$\mathcal{O}(1; \{2^{13}, 3, 4^2, 6^4\})$	2880
12	$\mathcal{O}(1; \{2^9, 3^4, 4^2, 6^4\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^7, 4^2, 6^4\})$	196416
12	$\mathcal{O}(1; \{2, 3^{10}, 4^2, 6^4\})$	1573056
12	$\mathcal{O}(1; \{2^{10}, 3, 4^4, 6^4\})$	11520
12	$\mathcal{O}(1; \{2^6, 3^4, 4^4, 6^4\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^7, 4^4, 6^4\})$	785664
12	$\mathcal{O}(1; \{2^7, 3, 4^6, 6^4\})$	46080
12	$\mathcal{O}(1; \{2^3, 3^4, 4^6, 6^4\})$	396288
12	$\mathcal{O}(1; \{2^4, 3, 4^8, 6^4\})$	184320
12	$\mathcal{O}(1; \{3^4, 4^8, 6^4\})$	1585152
12	$\mathcal{O}(1; \{2, 3, 4^{10}, 6^4\})$	737280
12	$\mathcal{O}(1; \{2^{13}, 3^2, 6^5\})$	4536
12	$\mathcal{O}(1; \{2^9, 3^5, 6^5\})$	36936
12	$\mathcal{O}(1; \{2^5, 3^8, 6^5\})$	294840
12	$\mathcal{O}(1; \{2, 3^{11}, 6^5\})$	2359368
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^2, 6^5\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^5, 4^2, 6^5\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^8, 4^2, 6^5\})$	786240
12	$\mathcal{O}(1; \{2^7, 3^2, 4^4, 6^5\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^5, 4^4, 6^5\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^2, 4^6, 6^5\})$	193536
12	$\mathcal{O}(1; \{3^5, 4^6, 6^5\})$	1575936
12	$\mathcal{O}(1; \{2, 3^2, 4^8, 6^5\})$	774144
12	$\mathcal{O}(1; \{2^{14}, 6^6\})$	2376
12	$\mathcal{O}(1; \{2^{10}, 3^3, 6^6\})$	18360
12	$\mathcal{O}(1; \{2^6, 3^6, 6^6\})$	147528
12	$\mathcal{O}(1; \{2^2, 3^9, 6^6\})$	1179576
12	$\mathcal{O}(1; \{2^{11}, 4^2, 6^6\})$	6336
12	$\mathcal{O}(1; \{2^7, 3^3, 4^2, 6^6\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^6, 4^2, 6^6\})$	393408
12	$\mathcal{O}(1; \{2^8, 4^4, 6^6\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^3, 4^4, 6^6\})$	195840
12	$\mathcal{O}(1; \{3^6, 4^4, 6^6\})$	1573632
12	$\mathcal{O}(1; \{2^5, 4^6, 6^6\})$	101376
12	$\mathcal{O}(1; \{2, 3^3, 4^6, 6^6\})$	783360
12	$\mathcal{O}(1; \{2^2, 4^8, 6^6\})$	405504

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{11}, 3, 6^7\})$	9288
12	$\mathcal{O}(1; \{2^7, 3^4, 6^7\})$	73656
12	$\mathcal{O}(1; \{2^3, 3^7, 6^7\})$	589896
12	$\mathcal{O}(1; \{2^8, 3, 4^2, 6^7\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^4, 4^2, 6^7\})$	196416
12	$\mathcal{O}(1; \{3^7, 4^2, 6^7\})$	1573056
12	$\mathcal{O}(1; \{2^5, 3, 4^4, 6^7\})$	99072
12	$\mathcal{O}(1; \{2, 3^4, 4^4, 6^7\})$	785664
12	$\mathcal{O}(1; \{2^2, 3, 4^6, 6^7\})$	396288
12	$\mathcal{O}(1; \{2^8, 3^2, 6^8\})$	36936
12	$\mathcal{O}(1; \{2^4, 3^5, 6^8\})$	294840
12	$\mathcal{O}(1; \{3^8, 6^8\})$	2359368
12	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 6^8\})$	98496
12	$\mathcal{O}(1; \{2, 3^5, 4^2, 6^8\})$	786240
12	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 6^8\})$	393984
12	$\mathcal{O}(1; \{2^9, 6^9\})$	18360
12	$\mathcal{O}(1; \{2^5, 3^3, 6^9\})$	147528
12	$\mathcal{O}(1; \{2, 3^6, 6^9\})$	1179576
12	$\mathcal{O}(1; \{2^6, 4^2, 6^9\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6^9\})$	393408
12	$\mathcal{O}(1; \{2^3, 4^4, 6^9\})$	195840
12	$\mathcal{O}(1; \{4^6, 6^9\})$	783360
12	$\mathcal{O}(1; \{2^6, 3, 6^{10}\})$	73656
12	$\mathcal{O}(1; \{2^2, 3^4, 6^{10}\})$	589896
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^{10}\})$	196416
12	$\mathcal{O}(1; \{3, 4^4, 6^{10}\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^2, 6^{11}\})$	294840
12	$\mathcal{O}(1; \{3^2, 4^2, 6^{11}\})$	786240
12	$\mathcal{O}(1; \{2^4, 6^{12}\})$	147528
12	$\mathcal{O}(1; \{3^3, 6^{12}\})$	1179576
12	$\mathcal{O}(1; \{2, 4^2, 6^{12}\})$	393408
12	$\mathcal{O}(1; \{2, 3, 6^{13}\})$	589896
12	$\mathcal{O}(1; \{2^{18}, 3^2, 4, 12\})$	576
12	$\mathcal{O}(1; \{2^{14}, 3^5, 4, 12\})$	6336
12	$\mathcal{O}(1; \{2^{10}, 3^8, 4, 12\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^{11}, 4, 12\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^{14}, 4, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{15}, 3^2, 4^3, 12\})$	2304
12	$\mathcal{O}(1; \{2^{11}, 3^5, 4^3, 12\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^8, 4^3, 12\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^{11}, 4^3, 12\})$	1573632
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^5, 12\})$	9216
12	$\mathcal{O}(1; \{2^8, 3^5, 4^5, 12\})$	101376

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^4, 3^8, 4^5, 12\})$	783360
12	$\mathcal{O}(1; \{3^{11}, 4^5, 12\})$	6294528
12	$\mathcal{O}(1; \{2^9, 3^2, 4^7, 12\})$	36864
12	$\mathcal{O}(1; \{2^5, 3^5, 4^7, 12\})$	405504
12	$\mathcal{O}(1; \{2, 3^8, 4^7, 12\})$	3133440
12	$\mathcal{O}(1; \{2^6, 3^2, 4^9, 12\})$	147456
12	$\mathcal{O}(1; \{2^2, 3^5, 4^9, 12\})$	1622016
12	$\mathcal{O}(1; \{2^3, 3^2, 4^{11}, 12\})$	589824
12	$\mathcal{O}(1; \{3^2, 4^{13}, 12\})$	2359296
12	$\mathcal{O}(1; \{2^{19}, 4, 6, 12\})$	576
12	$\mathcal{O}(1; \{2^{15}, 3^3, 4, 6, 12\})$	2880
12	$\mathcal{O}(1; \{2^{11}, 3^6, 4, 6, 12\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^9, 4, 6, 12\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^{12}, 4, 6, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{16}, 4^3, 6, 12\})$	2304
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^3, 6, 12\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^6, 4^3, 6, 12\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^9, 4^3, 6, 12\})$	785664
12	$\mathcal{O}(1; \{3^{12}, 4^3, 6, 12\})$	6292224
12	$\mathcal{O}(1; \{2^{13}, 4^5, 6, 12\})$	9216
12	$\mathcal{O}(1; \{2^9, 3^3, 4^5, 6, 12\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^6, 4^5, 6, 12\})$	396288
12	$\mathcal{O}(1; \{2, 3^9, 4^5, 6, 12\})$	3142656
12	$\mathcal{O}(1; \{2^{10}, 4^7, 6, 12\})$	36864
12	$\mathcal{O}(1; \{2^6, 3^3, 4^7, 6, 12\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^6, 4^7, 6, 12\})$	1585152
12	$\mathcal{O}(1; \{2^7, 4^9, 6, 12\})$	147456
12	$\mathcal{O}(1; \{2^3, 3^3, 4^9, 6, 12\})$	737280
12	$\mathcal{O}(1; \{2^4, 4^{11}, 6, 12\})$	589824
12	$\mathcal{O}(1; \{3^3, 4^{11}, 6, 12\})$	2949120
12	$\mathcal{O}(1; \{2, 4^{13}, 6, 12\})$	2359296
12	$\mathcal{O}(1; \{2^{16}, 3, 4, 6^2, 12\})$	1728
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4, 6^2, 12\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^7, 4, 6^2, 12\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4, 6^2, 12\})$	786240
12	$\mathcal{O}(1; \{3^{13}, 4, 6^2, 12\})$	6291648
12	$\mathcal{O}(1; \{2^{13}, 3, 4^3, 6^2, 12\})$	6912
12	$\mathcal{O}(1; \{2^9, 3^4, 4^3, 6^2, 12\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^7, 4^3, 6^2, 12\})$	393984
12	$\mathcal{O}(1; \{2, 3^{10}, 4^3, 6^2, 12\})$	3144960
12	$\mathcal{O}(1; \{2^{10}, 3, 4^5, 6^2, 12\})$	27648
12	$\mathcal{O}(1; \{2^6, 3^4, 4^5, 6^2, 12\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^7, 4^5, 6^2, 12\})$	1575936

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^7, 3, 4^7, 6^2, 12\})$	110592
12	$\mathcal{O}(1; \{2^3, 3^4, 4^7, 6^2, 12\})$	774144
12	$\mathcal{O}(1; \{2^4, 3, 4^9, 6^2, 12\})$	442368
12	$\mathcal{O}(1; \{3^4, 4^9, 6^2, 12\})$	3096576
12	$\mathcal{O}(1; \{2, 3, 4^{11}, 6^2, 12\})$	1769472
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4, 6^3, 12\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^5, 4, 6^3, 12\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^8, 4, 6^3, 12\})$	393408
12	$\mathcal{O}(1; \{2, 3^{11}, 4, 6^3, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^3, 6^3, 12\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^5, 4^3, 6^3, 12\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^8, 4^3, 6^3, 12\})$	1573632
12	$\mathcal{O}(1; \{2^7, 3^2, 4^5, 6^3, 12\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^5, 4^5, 6^3, 12\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^2, 4^7, 6^3, 12\})$	405504
12	$\mathcal{O}(1; \{3^5, 4^7, 6^3, 12\})$	3133440
12	$\mathcal{O}(1; \{2, 3^2, 4^9, 6^3, 12\})$	1622016
12	$\mathcal{O}(1; \{2^{14}, 4, 6^4, 12\})$	2880
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4, 6^4, 12\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^6, 4, 6^4, 12\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^9, 4, 6^4, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{11}, 4^3, 6^4, 12\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^3, 4^3, 6^4, 12\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^6, 4^3, 6^4, 12\})$	785664
12	$\mathcal{O}(1; \{2^8, 4^5, 6^4, 12\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^3, 4^5, 6^4, 12\})$	396288
12	$\mathcal{O}(1; \{3^6, 4^5, 6^4, 12\})$	3142656
12	$\mathcal{O}(1; \{2^5, 4^7, 6^4, 12\})$	184320
12	$\mathcal{O}(1; \{2, 3^3, 4^7, 6^4, 12\})$	1585152
12	$\mathcal{O}(1; \{2^2, 4^9, 6^4, 12\})$	737280
12	$\mathcal{O}(1; \{2^{11}, 3, 4, 6^5, 12\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^4, 4, 6^5, 12\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^7, 4, 6^5, 12\})$	786240
12	$\mathcal{O}(1; \{2^8, 3, 4^3, 6^5, 12\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^4, 4^3, 6^5, 12\})$	393984
12	$\mathcal{O}(1; \{3^7, 4^3, 6^5, 12\})$	3144960
12	$\mathcal{O}(1; \{2^5, 3, 4^5, 6^5, 12\})$	193536
12	$\mathcal{O}(1; \{2, 3^4, 4^5, 6^5, 12\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3, 4^7, 6^5, 12\})$	774144
12	$\mathcal{O}(1; \{2^8, 3^2, 4, 6^6, 12\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^5, 4, 6^6, 12\})$	393408
12	$\mathcal{O}(1; \{3^8, 4, 6^6, 12\})$	3145536
12	$\mathcal{O}(1; \{2^5, 3^2, 4^3, 6^6, 12\})$	195840

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^5, 4^3, 6^6, 12\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^2, 4^5, 6^6, 12\})$	783360
12	$\mathcal{O}(1; \{2^9, 4, 6^7, 12\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^3, 4, 6^7, 12\})$	196416
12	$\mathcal{O}(1; \{2, 3^6, 4, 6^7, 12\})$	1573056
12	$\mathcal{O}(1; \{2^6, 4^3, 6^7, 12\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^3, 4^3, 6^7, 12\})$	785664
12	$\mathcal{O}(1; \{2^3, 4^5, 6^7, 12\})$	396288
12	$\mathcal{O}(1; \{4^7, 6^7, 12\})$	1585152
12	$\mathcal{O}(1; \{2^6, 3, 4, 6^8, 12\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^4, 4, 6^8, 12\})$	786240
12	$\mathcal{O}(1; \{2^3, 3, 4^3, 6^8, 12\})$	393984
12	$\mathcal{O}(1; \{3, 4^5, 6^8, 12\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 6^9, 12\})$	393408
12	$\mathcal{O}(1; \{3^2, 4^3, 6^9, 12\})$	1573632
12	$\mathcal{O}(1; \{2^4, 4, 6^{10}, 12\})$	196416
12	$\mathcal{O}(1; \{3^3, 4, 6^{10}, 12\})$	1573056
12	$\mathcal{O}(1; \{2, 4^3, 6^{10}, 12\})$	785664
12	$\mathcal{O}(1; \{2, 3, 4, 6^{11}, 12\})$	786240
12	$\mathcal{O}(1; \{2^{19}, 3, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{15}, 3^4, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^{11}, 3^7, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^7, 3^{10}, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^{13}, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{16}, 3, 4^2, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4^2, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^7, 4^2, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4^2, 12^2\})$	1573632
12	$\mathcal{O}(1; \{3^{13}, 4^2, 12^2\})$	12582144
12	$\mathcal{O}(1; \{2^{13}, 3, 4^4, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^9, 3^4, 4^4, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^7, 4^4, 12^2\})$	783360
12	$\mathcal{O}(1; \{2, 3^{10}, 4^4, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^{10}, 3, 4^6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^6, 3^4, 4^6, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^7, 4^6, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^7, 3, 4^8, 12^2\})$	147456
12	$\mathcal{O}(1; \{2^3, 3^4, 4^8, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2^4, 3, 4^{10}, 12^2\})$	589824
12	$\mathcal{O}(1; \{3^4, 4^{10}, 12^2\})$	6488064
12	$\mathcal{O}(1; \{2, 3, 4^{12}, 12^2\})$	2359296
12	$\mathcal{O}(1; \{2^{16}, 3^2, 6, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{12}, 3^5, 6, 12^2\})$	24768

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^8, 3^8, 6, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^{11}, 6, 12^2\})$	1573056
12	$\mathcal{O}(1; \{3^{14}, 6, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^2, 6, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^9, 3^5, 4^2, 6, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^8, 4^2, 6, 12^2\})$	785664
12	$\mathcal{O}(1; \{2, 3^{11}, 4^2, 6, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^4, 6, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^5, 4^4, 6, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^8, 4^4, 6, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^7, 3^2, 4^6, 6, 12^2\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^5, 4^6, 6, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3^2, 4^8, 6, 12^2\})$	737280
12	$\mathcal{O}(1; \{3^5, 4^8, 6, 12^2\})$	6340608
12	$\mathcal{O}(1; \{2, 3^2, 4^{10}, 6, 12^2\})$	2949120
12	$\mathcal{O}(1; \{2^{17}, 6^2, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{13}, 3^3, 6^2, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^9, 3^6, 6^2, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^9, 6^2, 12^2\})$	786240
12	$\mathcal{O}(1; \{2, 3^{12}, 6^2, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{14}, 4^2, 6^2, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^2, 6^2, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^6, 4^2, 6^2, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^9, 4^2, 6^2, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^{11}, 4^4, 6^2, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^7, 3^3, 4^4, 6^2, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^6, 4^4, 6^2, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^8, 4^6, 6^2, 12^2\})$	110592
12	$\mathcal{O}(1; \{2^4, 3^3, 4^6, 6^2, 12^2\})$	774144
12	$\mathcal{O}(1; \{3^6, 4^6, 6^2, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^5, 4^8, 6^2, 12^2\})$	442368
12	$\mathcal{O}(1; \{2, 3^3, 4^8, 6^2, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^2, 4^{10}, 6^2, 12^2\})$	1769472
12	$\mathcal{O}(1; \{2^{14}, 3, 6^3, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^{10}, 3^4, 6^3, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^7, 6^3, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^{10}, 6^3, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{11}, 3, 4^2, 6^3, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^4, 4^2, 6^3, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^7, 4^2, 6^3, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^8, 3, 4^4, 6^3, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^4, 4^4, 6^3, 12^2\})$	783360
12	$\mathcal{O}(1; \{3^7, 4^4, 6^3, 12^2\})$	6294528

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^5, 3, 4^6, 6^3, 12^2\})$	405504
12	$\mathcal{O}(1; \{2, 3^4, 4^6, 6^3, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3, 4^8, 6^3, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2^{11}, 3^2, 6^4, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^5, 6^4, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^8, 6^4, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^8, 3^2, 4^2, 6^4, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^5, 4^2, 6^4, 12^2\})$	785664
12	$\mathcal{O}(1; \{3^8, 4^2, 6^4, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^5, 3^2, 4^4, 6^4, 12^2\})$	396288
12	$\mathcal{O}(1; \{2, 3^5, 4^4, 6^4, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^2, 4^6, 6^4, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^{12}, 6^5, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^3, 6^5, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^6, 6^5, 12^2\})$	786240
12	$\mathcal{O}(1; \{3^9, 6^5, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^9, 4^2, 6^5, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^3, 4^2, 6^5, 12^2\})$	393984
12	$\mathcal{O}(1; \{2, 3^6, 4^2, 6^5, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^6, 4^4, 6^5, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^3, 4^4, 6^5, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^3, 4^6, 6^5, 12^2\})$	774144
12	$\mathcal{O}(1; \{4^8, 6^5, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^9, 3, 6^6, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^4, 6^6, 12^2\})$	393408
12	$\mathcal{O}(1; \{2, 3^7, 6^6, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 6^6, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 6^6, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 6^6, 12^2\})$	783360
12	$\mathcal{O}(1; \{3, 4^6, 6^6, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^6, 3^2, 6^7, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^5, 6^7, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6^7, 12^2\})$	785664
12	$\mathcal{O}(1; \{3^2, 4^4, 6^7, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^7, 6^8, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^3, 6^8, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^4, 4^2, 6^8, 12^2\})$	393984
12	$\mathcal{O}(1; \{3^3, 4^2, 6^8, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2, 4^4, 6^8, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3, 6^9, 12^2\})$	393408
12	$\mathcal{O}(1; \{3^4, 6^9, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^9, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2, 3^2, 6^{10}, 12^2\})$	1573056

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 6^{11}, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^{17}, 4, 12^3\})$	2304
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^9, 3^6, 4, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^9, 4, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2, 3^{12}, 4, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^{14}, 4^3, 12^3\})$	9216
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^3, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^6, 3^6, 4^3, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^9, 4^3, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^{11}, 4^5, 12^3\})$	36864
12	$\mathcal{O}(1; \{2^7, 3^3, 4^5, 12^3\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^6, 4^5, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^8, 4^7, 12^3\})$	147456
12	$\mathcal{O}(1; \{2^4, 3^3, 4^7, 12^3\})$	1622016
12	$\mathcal{O}(1; \{3^6, 4^7, 12^3\})$	12533760
12	$\mathcal{O}(1; \{2^5, 4^9, 12^3\})$	589824
12	$\mathcal{O}(1; \{2, 3^3, 4^9, 12^3\})$	6488064
12	$\mathcal{O}(1; \{2^2, 4^{11}, 12^3\})$	2359296
12	$\mathcal{O}(1; \{2^{14}, 3, 4, 6, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4, 6, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^7, 4, 6, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4, 6, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^{11}, 3, 4^3, 6, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^7, 3^4, 4^3, 6, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^7, 4^3, 6, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^8, 3, 4^5, 6, 12^3\})$	184320
12	$\mathcal{O}(1; \{2^4, 3^4, 4^5, 6, 12^3\})$	1585152
12	$\mathcal{O}(1; \{3^7, 4^5, 6, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2^5, 3, 4^7, 6, 12^3\})$	737280
12	$\mathcal{O}(1; \{2, 3^4, 4^7, 6, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^2, 3, 4^9, 6, 12^3\})$	2949120
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4, 6^2, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^5, 4, 6^2, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^8, 4, 6^2, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^8, 3^2, 4^3, 6^2, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^5, 4^3, 6^2, 12^3\})$	1575936
12	$\mathcal{O}(1; \{3^8, 4^3, 6^2, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^5, 3^2, 4^5, 6^2, 12^3\})$	774144
12	$\mathcal{O}(1; \{2, 3^5, 4^5, 6^2, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^2, 4^7, 6^2, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2^{12}, 4, 6^3, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^3, 4, 6^3, 12^3\})$	195840

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^4, 3^6, 4, 6^3, 12^3\})$	1573632
12	$\mathcal{O}(1; \{3^9, 4, 6^3, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^9, 4^3, 6^3, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^3, 4^3, 6^3, 12^3\})$	783360
12	$\mathcal{O}(1; \{2, 3^6, 4^3, 6^3, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^6, 4^5, 6^3, 12^3\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^3, 4^5, 6^3, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^3, 4^7, 6^3, 12^3\})$	1622016
12	$\mathcal{O}(1; \{4^9, 6^3, 12^3\})$	6488064
12	$\mathcal{O}(1; \{2^9, 3, 4, 6^4, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^4, 4, 6^4, 12^3\})$	785664
12	$\mathcal{O}(1; \{2, 3^7, 4, 6^4, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^6, 3, 4^3, 6^4, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^4, 4^3, 6^4, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3, 4^5, 6^4, 12^3\})$	1585152
12	$\mathcal{O}(1; \{3, 4^7, 6^4, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^6, 3^2, 4, 6^5, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^5, 4, 6^5, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^3, 3^2, 4^3, 6^5, 12^3\})$	1575936
12	$\mathcal{O}(1; \{3^2, 4^5, 6^5, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^7, 4, 6^6, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^3, 4, 6^6, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^4, 4^3, 6^6, 12^3\})$	783360
12	$\mathcal{O}(1; \{3^3, 4^3, 6^6, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2, 4^5, 6^6, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3, 4, 6^7, 12^3\})$	785664
12	$\mathcal{O}(1; \{3^4, 4, 6^7, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2, 3, 4^3, 6^7, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2, 3^2, 4, 6^8, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^2, 4, 6^9, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^{14}, 3^2, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^{10}, 3^5, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^6, 3^8, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^{11}, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^2, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^7, 3^5, 4^2, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^8, 4^2, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^8, 3^2, 4^4, 12^4\})$	405504
12	$\mathcal{O}(1; \{2^4, 3^5, 4^4, 12^4\})$	3133440
12	$\mathcal{O}(1; \{3^8, 4^4, 12^4\})$	25178112
12	$\mathcal{O}(1; \{2^5, 3^2, 4^6, 12^4\})$	1622016
12	$\mathcal{O}(1; \{2, 3^5, 4^6, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2^2, 3^2, 4^8, 12^4\})$	6488064

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{15}, 6, 12^4\})$	11520
12	$\mathcal{O}(1; \{2^{11}, 3^3, 6, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^7, 3^6, 6, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^9, 6, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^{12}, 4^2, 6, 12^4\})$	46080
12	$\mathcal{O}(1; \{2^8, 3^3, 4^2, 6, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^6, 4^2, 6, 12^4\})$	3142656
12	$\mathcal{O}(1; \{3^9, 4^2, 6, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2^9, 4^4, 6, 12^4\})$	184320
12	$\mathcal{O}(1; \{2^5, 3^3, 4^4, 6, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2, 3^6, 4^4, 6, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^6, 4^6, 6, 12^4\})$	737280
12	$\mathcal{O}(1; \{2^2, 3^3, 4^6, 6, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2^3, 4^8, 6, 12^4\})$	2949120
12	$\mathcal{O}(1; \{4^{10}, 6, 12^4\})$	11796480
12	$\mathcal{O}(1; \{2^{12}, 3, 6^2, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^8, 3^4, 6^2, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^7, 6^2, 12^4\})$	3144960
12	$\mathcal{O}(1; \{3^{10}, 6^2, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^9, 3, 4^2, 6^2, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^4, 4^2, 6^2, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2, 3^7, 4^2, 6^2, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^6, 3, 4^4, 6^2, 12^4\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^4, 4^4, 6^2, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3, 4^6, 6^2, 12^4\})$	3096576
12	$\mathcal{O}(1; \{3, 4^8, 6^2, 12^4\})$	12386304
12	$\mathcal{O}(1; \{2^9, 3^2, 6^3, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^5, 6^3, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2, 3^8, 6^3, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^6, 3^2, 4^2, 6^3, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^5, 4^2, 6^3, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^3, 3^2, 4^4, 6^3, 12^4\})$	3133440
12	$\mathcal{O}(1; \{3^2, 4^6, 6^3, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2^{10}, 6^4, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^3, 6^4, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^6, 6^4, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^7, 4^2, 6^4, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 6^4, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^4, 4^4, 6^4, 12^4\})$	1585152
12	$\mathcal{O}(1; \{3^3, 4^4, 6^4, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2, 4^6, 6^4, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2^7, 3, 6^5, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^4, 6^5, 12^4\})$	3144960

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 6^5, 12^4\})$	1575936
12	$\mathcal{O}(1; \{3^4, 4^2, 6^5, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2, 3, 4^4, 6^5, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^4, 3^2, 6^6, 12^4\})$	1573632
12	$\mathcal{O}(1; \{3^5, 6^6, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^6, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^5, 6^7, 12^4\})$	785664
12	$\mathcal{O}(1; \{2, 3^3, 6^7, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^2, 4^2, 6^7, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3, 6^8, 12^4\})$	3144960
12	$\mathcal{O}(1; \{6^{10}, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^{12}, 3, 4, 12^5\})$	101376
12	$\mathcal{O}(1; \{2^8, 3^4, 4, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^7, 4, 12^5\})$	6294528
12	$\mathcal{O}(1; \{3^{10}, 4, 12^5\})$	50328576
12	$\mathcal{O}(1; \{2^9, 3, 4^3, 12^5\})$	405504
12	$\mathcal{O}(1; \{2^5, 3^4, 4^3, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2, 3^7, 4^3, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2^6, 3, 4^5, 12^5\})$	1622016
12	$\mathcal{O}(1; \{2^2, 3^4, 4^5, 12^5\})$	12533760
12	$\mathcal{O}(1; \{2^3, 3, 4^7, 12^5\})$	6488064
12	$\mathcal{O}(1; \{3, 4^9, 12^5\})$	25952256
12	$\mathcal{O}(1; \{2^9, 3^2, 4, 6, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^5, 3^5, 4, 6, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2, 3^8, 4, 6, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^6, 3^2, 4^3, 6, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^5, 4^3, 6, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^3, 3^2, 4^5, 6, 12^5\})$	6340608
12	$\mathcal{O}(1; \{3^2, 4^7, 6, 12^5\})$	25362432
12	$\mathcal{O}(1; \{2^{10}, 4, 6^2, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^6, 3^3, 4, 6^2, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^6, 4, 6^2, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^7, 4^3, 6^2, 12^5\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^3, 4^3, 6^2, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2^4, 4^5, 6^2, 12^5\})$	3096576
12	$\mathcal{O}(1; \{3^3, 4^5, 6^2, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2, 4^7, 6^2, 12^5\})$	12386304
12	$\mathcal{O}(1; \{2^7, 3, 4, 6^3, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^4, 4, 6^3, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^4, 3, 4^3, 6^3, 12^5\})$	3133440
12	$\mathcal{O}(1; \{3^4, 4^3, 6^3, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2, 3, 4^5, 6^3, 12^5\})$	12533760
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 6^4, 12^5\})$	3142656

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^5, 4, 6^4, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2, 3^2, 4^3, 6^4, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^5, 4, 6^5, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2, 3^3, 4, 6^5, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^2, 4^3, 6^5, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3, 4, 6^6, 12^5\})$	6294528
12	$\mathcal{O}(1; \{4, 6^8, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^{13}, 12^6\})$	101376
12	$\mathcal{O}(1; \{2^9, 3^3, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^5, 3^6, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2, 3^9, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^{10}, 4^2, 12^6\})$	405504
12	$\mathcal{O}(1; \{2^6, 3^3, 4^2, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^6, 4^2, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2^7, 4^4, 12^6\})$	1622016
12	$\mathcal{O}(1; \{2^3, 3^3, 4^4, 12^6\})$	12533760
12	$\mathcal{O}(1; \{2^4, 4^6, 12^6\})$	6488064
12	$\mathcal{O}(1; \{3^3, 4^6, 12^6\})$	50135040
12	$\mathcal{O}(1; \{2, 4^8, 12^6\})$	25952256
12	$\mathcal{O}(1; \{2^{10}, 3, 6, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^6, 3^4, 6, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^7, 6, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^7, 3, 4^2, 6, 12^6\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^4, 4^2, 6, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2^4, 3, 4^4, 6, 12^6\})$	6340608
12	$\mathcal{O}(1; \{3^4, 4^4, 6, 12^6\})$	50282496
12	$\mathcal{O}(1; \{2, 3, 4^6, 6, 12^6\})$	25362432
12	$\mathcal{O}(1; \{2^7, 3^2, 6^2, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^5, 6^2, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 6^2, 12^6\})$	6303744
12	$\mathcal{O}(1; \{3^5, 4^2, 6^2, 12^6\})$	50319360
12	$\mathcal{O}(1; \{2, 3^2, 4^4, 6^2, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2^8, 6^3, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^3, 6^3, 12^6\})$	6294528
12	$\mathcal{O}(1; \{3^6, 6^3, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^5, 4^2, 6^3, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 6^3, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2^2, 4^4, 6^3, 12^6\})$	12533760
12	$\mathcal{O}(1; \{2^5, 3, 6^4, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2, 3^4, 6^4, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^4, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3^2, 6^5, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^3, 6^6, 12^6\})$	6294528

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{4^2, 6^6, 12^6\})$	25178112
12	$\mathcal{O}(1; \{3, 6^7, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^7, 3^2, 4, 12^7\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3^5, 4, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2^4, 3^2, 4^3, 12^7\})$	12533760
12	$\mathcal{O}(1; \{3^5, 4^3, 12^7\})$	100712448
12	$\mathcal{O}(1; \{2, 3^2, 4^5, 12^7\})$	50135040
12	$\mathcal{O}(1; \{2^8, 4, 6, 12^7\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3^3, 4, 6, 12^7\})$	12570624
12	$\mathcal{O}(1; \{3^6, 4, 6, 12^7\})$	100675584
12	$\mathcal{O}(1; \{2^5, 4^3, 6, 12^7\})$	6340608
12	$\mathcal{O}(1; \{2, 3^3, 4^3, 6, 12^7\})$	50282496
12	$\mathcal{O}(1; \{2^2, 4^5, 6, 12^7\})$	25362432
12	$\mathcal{O}(1; \{2^5, 3, 4, 6^2, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2, 3^4, 4, 6^2, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 6^2, 12^7\})$	25214976
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^3, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2^3, 4, 6^4, 12^7\})$	12570624
12	$\mathcal{O}(1; \{4^3, 6^4, 12^7\})$	50282496
12	$\mathcal{O}(1; \{3, 4, 6^5, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^8, 3, 12^8\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3^4, 12^8\})$	25178112
12	$\mathcal{O}(1; \{3^7, 12^8\})$	201314304
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 12^8\})$	12533760
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 12^8\})$	100712448
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 12^8\})$	50135040
12	$\mathcal{O}(1; \{2^5, 3^2, 6, 12^8\})$	12570624
12	$\mathcal{O}(1; \{2, 3^5, 6, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6, 12^8\})$	50282496
12	$\mathcal{O}(1; \{2^6, 6^2, 12^8\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^3, 6^2, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2^3, 4^2, 6^2, 12^8\})$	25214976
12	$\mathcal{O}(1; \{4^4, 6^2, 12^8\})$	100859904
12	$\mathcal{O}(1; \{2^3, 3, 6^3, 12^8\})$	25178112
12	$\mathcal{O}(1; \{3, 4^2, 6^3, 12^8\})$	100712448
12	$\mathcal{O}(1; \{3^2, 6^4, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2, 6^5, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2^6, 4, 12^9\})$	12533760
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 12^9\})$	100712448
12	$\mathcal{O}(1; \{2^3, 4^3, 12^9\})$	50135040
12	$\mathcal{O}(1; \{4^5, 12^9\})$	200540160
12	$\mathcal{O}(1; \{2^3, 3, 4, 6, 12^9\})$	50282496
12	$\mathcal{O}(1; \{3, 4^3, 6, 12^9\})$	201129984

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^2, 4, 6^2, 12^9\})$	201277440
12	$\mathcal{O}(1; \{2, 4, 6^3, 12^9\})$	100712448
12	$\mathcal{O}(1; \{2^3, 3^2, 12^{10}\})$	100712448
12	$\mathcal{O}(1; \{3^2, 4^2, 12^{10}\})$	402849792
12	$\mathcal{O}(1; \{2^4, 6, 12^{10}\})$	50282496
12	$\mathcal{O}(1; \{3^3, 6, 12^{10}\})$	402702336
12	$\mathcal{O}(1; \{2, 4^2, 6, 12^{10}\})$	201129984
12	$\mathcal{O}(1; \{2, 3, 6^2, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{2, 3, 4, 12^{11}\})$	402849792
12	$\mathcal{O}(1; \{2^2, 12^{12}\})$	402849792
12	$\mathcal{O}(0; \{2^{21}, 3^3, 4^2\})$	4
12	$\mathcal{O}(0; \{2^{17}, 3^6, 4^2\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^9, 4^2\})$	340
12	$\mathcal{O}(0; \{2^9, 3^{12}, 4^2\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^{15}, 4^2\})$	21844
12	$\mathcal{O}(0; \{2, 3^{18}, 4^2\})$	174764
12	$\mathcal{O}(0; \{2^{18}, 3^3, 4^4\})$	16
12	$\mathcal{O}(0; \{2^{14}, 3^6, 4^4\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^9, 4^4\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^{12}, 4^4\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{15}, 4^4\})$	87376
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^6\})$	64
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^6\})$	704
12	$\mathcal{O}(0; \{2^7, 3^9, 4^6\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^6\})$	43712
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^8\})$	256
12	$\mathcal{O}(0; \{2^8, 3^6, 4^8\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^9, 4^8\})$	21760
12	$\mathcal{O}(0; \{3^{12}, 4^8\})$	174848
12	$\mathcal{O}(0; \{2^9, 3^3, 4^{10}\})$	1024
12	$\mathcal{O}(0; \{2^5, 3^6, 4^{10}\})$	11264
12	$\mathcal{O}(0; \{2, 3^9, 4^{10}\})$	87040
12	$\mathcal{O}(0; \{2^6, 3^3, 4^{12}\})$	4096
12	$\mathcal{O}(0; \{2^2, 3^6, 4^{12}\})$	45056
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{14}\})$	16384
12	$\mathcal{O}(0; \{3^3, 4^{16}\})$	65536
12	$\mathcal{O}(0; \{2^{22}, 3, 4^2, 6\})$	4
12	$\mathcal{O}(0; \{2^{18}, 3^4, 4^2, 6\})$	20
12	$\mathcal{O}(0; \{2^{14}, 3^7, 4^2, 6\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^{10}, 4^2, 6\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^{13}, 4^2, 6\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{16}, 4^2, 6\})$	87380
12	$\mathcal{O}(0; \{2^{19}, 3, 4^4, 6\})$	16

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^4, 6\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^4, 6\})$	688
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^4, 6\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^4, 6\})$	43696
12	$\mathcal{O}(0; \{2^{16}, 3, 4^6, 6\})$	64
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^6, 6\})$	320
12	$\mathcal{O}(0; \{2^8, 3^7, 4^6, 6\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^6, 6\})$	21824
12	$\mathcal{O}(0; \{3^{13}, 4^6, 6\})$	174784
12	$\mathcal{O}(0; \{2^{13}, 3, 4^8, 6\})$	256
12	$\mathcal{O}(0; \{2^9, 3^4, 4^8, 6\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^7, 4^8, 6\})$	11008
12	$\mathcal{O}(0; \{2, 3^{10}, 4^8, 6\})$	87296
12	$\mathcal{O}(0; \{2^{10}, 3, 4^{10}, 6\})$	1024
12	$\mathcal{O}(0; \{2^6, 3^4, 4^{10}, 6\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^7, 4^{10}, 6\})$	44032
12	$\mathcal{O}(0; \{2^7, 3, 4^{12}, 6\})$	4096
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{12}, 6\})$	20480
12	$\mathcal{O}(0; \{2^4, 3, 4^{14}, 6\})$	16384
12	$\mathcal{O}(0; \{3^4, 4^{14}, 6\})$	81920
12	$\mathcal{O}(0; \{2, 3, 4^{16}, 6\})$	65536
12	$\mathcal{O}(0; \{2^{19}, 3^2, 4^2, 6^2\})$	12
12	$\mathcal{O}(0; \{2^{15}, 3^5, 4^2, 6^2\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^8, 4^2, 6^2\})$	684
12	$\mathcal{O}(0; \{2^7, 3^{11}, 4^2, 6^2\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{14}, 4^2, 6^2\})$	43692
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^4, 6^2\})$	48
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^4, 6^2\})$	336
12	$\mathcal{O}(0; \{2^8, 3^8, 4^4, 6^2\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^4, 6^2\})$	21840
12	$\mathcal{O}(0; \{3^{14}, 4^4, 6^2\})$	174768
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^6, 6^2\})$	192
12	$\mathcal{O}(0; \{2^9, 3^5, 4^6, 6^2\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^8, 4^6, 6^2\})$	10944
12	$\mathcal{O}(0; \{2, 3^{11}, 4^6, 6^2\})$	87360
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^8, 6^2\})$	768
12	$\mathcal{O}(0; \{2^6, 3^5, 4^8, 6^2\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^8, 4^8, 6^2\})$	43776
12	$\mathcal{O}(0; \{2^7, 3^2, 4^{10}, 6^2\})$	3072
12	$\mathcal{O}(0; \{2^3, 3^5, 4^{10}, 6^2\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{12}, 6^2\})$	12288
12	$\mathcal{O}(0; \{3^5, 4^{12}, 6^2\})$	86016
12	$\mathcal{O}(0; \{2, 3^2, 4^{14}, 6^2\})$	49152

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{20}, 4^2, 6^3\})$	4
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^2, 6^3\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^2, 6^3\})$	340
12	$\mathcal{O}(0; \{2^8, 3^9, 4^2, 6^3\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^2, 6^3\})$	21844
12	$\mathcal{O}(0; \{3^{15}, 4^2, 6^3\})$	174764
12	$\mathcal{O}(0; \{2^{17}, 4^4, 6^3\})$	16
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^4, 6^3\})$	176
12	$\mathcal{O}(0; \{2^9, 3^6, 4^4, 6^3\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^9, 4^4, 6^3\})$	10928
12	$\mathcal{O}(0; \{2, 3^{12}, 4^4, 6^3\})$	87376
12	$\mathcal{O}(0; \{2^{14}, 4^6, 6^3\})$	64
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^6, 6^3\})$	704
12	$\mathcal{O}(0; \{2^6, 3^6, 4^6, 6^3\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^9, 4^6, 6^3\})$	43712
12	$\mathcal{O}(0; \{2^{11}, 4^8, 6^3\})$	256
12	$\mathcal{O}(0; \{2^7, 3^3, 4^8, 6^3\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^6, 4^8, 6^3\})$	21760
12	$\mathcal{O}(0; \{2^8, 4^{10}, 6^3\})$	1024
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{10}, 6^3\})$	11264
12	$\mathcal{O}(0; \{3^6, 4^{10}, 6^3\})$	87040
12	$\mathcal{O}(0; \{2^5, 4^{12}, 6^3\})$	4096
12	$\mathcal{O}(0; \{2, 3^3, 4^{12}, 6^3\})$	45056
12	$\mathcal{O}(0; \{2^2, 4^{14}, 6^3\})$	16384
12	$\mathcal{O}(0; \{2^{17}, 3, 4^2, 6^4\})$	20
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^2, 6^4\})$	172
12	$\mathcal{O}(0; \{2^9, 3^7, 4^2, 6^4\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^2, 6^4\})$	10924
12	$\mathcal{O}(0; \{2, 3^{13}, 4^2, 6^4\})$	87380
12	$\mathcal{O}(0; \{2^{14}, 3, 4^4, 6^4\})$	80
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^4, 6^4\})$	688
12	$\mathcal{O}(0; \{2^6, 3^7, 4^4, 6^4\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^4, 6^4\})$	43696
12	$\mathcal{O}(0; \{2^{11}, 3, 4^6, 6^4\})$	320
12	$\mathcal{O}(0; \{2^7, 3^4, 4^6, 6^4\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^7, 4^6, 6^4\})$	21824
12	$\mathcal{O}(0; \{2^8, 3, 4^8, 6^4\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^4, 4^8, 6^4\})$	11008
12	$\mathcal{O}(0; \{3^7, 4^8, 6^4\})$	87296
12	$\mathcal{O}(0; \{2^5, 3, 4^{10}, 6^4\})$	5120
12	$\mathcal{O}(0; \{2, 3^4, 4^{10}, 6^4\})$	44032
12	$\mathcal{O}(0; \{2^2, 3, 4^{12}, 6^4\})$	20480
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^2, 6^5\})$	84

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^2, 6^5\})$	684
12	$\mathcal{O}(0; \{2^6, 3^8, 4^2, 6^5\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^2, 6^5\})$	43692
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^4, 6^5\})$	336
12	$\mathcal{O}(0; \{2^7, 3^5, 4^4, 6^5\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^8, 4^4, 6^5\})$	21840
12	$\mathcal{O}(0; \{2^8, 3^2, 4^6, 6^5\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^5, 4^6, 6^5\})$	10944
12	$\mathcal{O}(0; \{3^8, 4^6, 6^5\})$	87360
12	$\mathcal{O}(0; \{2^5, 3^2, 4^8, 6^5\})$	5376
12	$\mathcal{O}(0; \{2, 3^5, 4^8, 6^5\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{10}, 6^5\})$	21504
12	$\mathcal{O}(0; \{2^{15}, 4^2, 6^6\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^2, 6^6\})$	340
12	$\mathcal{O}(0; \{2^7, 3^6, 4^2, 6^6\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^9, 4^2, 6^6\})$	21844
12	$\mathcal{O}(0; \{2^{12}, 4^4, 6^6\})$	176
12	$\mathcal{O}(0; \{2^8, 3^3, 4^4, 6^6\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^6, 4^4, 6^6\})$	10928
12	$\mathcal{O}(0; \{3^9, 4^4, 6^6\})$	87376
12	$\mathcal{O}(0; \{2^9, 4^6, 6^6\})$	704
12	$\mathcal{O}(0; \{2^5, 3^3, 4^6, 6^6\})$	5440
12	$\mathcal{O}(0; \{2, 3^6, 4^6, 6^6\})$	43712
12	$\mathcal{O}(0; \{2^6, 4^8, 6^6\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^3, 4^8, 6^6\})$	21760
12	$\mathcal{O}(0; \{2^3, 4^{10}, 6^6\})$	11264
12	$\mathcal{O}(0; \{4^{12}, 6^6\})$	45056
12	$\mathcal{O}(0; \{2^{12}, 3, 4^2, 6^7\})$	172
12	$\mathcal{O}(0; \{2^8, 3^4, 4^2, 6^7\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^7, 4^2, 6^7\})$	10924
12	$\mathcal{O}(0; \{3^{10}, 4^2, 6^7\})$	87380
12	$\mathcal{O}(0; \{2^9, 3, 4^4, 6^7\})$	688
12	$\mathcal{O}(0; \{2^5, 3^4, 4^4, 6^7\})$	5456
12	$\mathcal{O}(0; \{2, 3^7, 4^4, 6^7\})$	43696
12	$\mathcal{O}(0; \{2^6, 3, 4^6, 6^7\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^4, 4^6, 6^7\})$	21824
12	$\mathcal{O}(0; \{2^3, 3, 4^8, 6^7\})$	11008
12	$\mathcal{O}(0; \{3, 4^{10}, 6^7\})$	44032
12	$\mathcal{O}(0; \{2^9, 3^2, 4^2, 6^8\})$	684
12	$\mathcal{O}(0; \{2^5, 3^5, 4^2, 6^8\})$	5460
12	$\mathcal{O}(0; \{2, 3^8, 4^2, 6^8\})$	43692
12	$\mathcal{O}(0; \{2^6, 3^2, 4^4, 6^8\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^5, 4^4, 6^8\})$	21840

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^2, 4^6, 6^8\})$	10944
12	$\mathcal{O}(0; \{3^2, 4^8, 6^8\})$	43776
12	$\mathcal{O}(0; \{2^{10}, 4^2, 6^9\})$	340
12	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 6^9\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 6^9\})$	21844
12	$\mathcal{O}(0; \{2^7, 4^4, 6^9\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 6^9\})$	10928
12	$\mathcal{O}(0; \{2^4, 4^6, 6^9\})$	5440
12	$\mathcal{O}(0; \{3^3, 4^6, 6^9\})$	43712
12	$\mathcal{O}(0; \{2, 4^8, 6^9\})$	21760
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 6^{10}\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6^{10}\})$	10924
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 6^{10}\})$	5456
12	$\mathcal{O}(0; \{3^4, 4^4, 6^{10}\})$	43696
12	$\mathcal{O}(0; \{2, 3, 4^6, 6^{10}\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^{11}\})$	5460
12	$\mathcal{O}(0; \{3^5, 4^2, 6^{11}\})$	43692
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^{11}\})$	21840
12	$\mathcal{O}(0; \{2^5, 4^2, 6^{12}\})$	2732
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^{12}\})$	21844
12	$\mathcal{O}(0; \{2^2, 4^4, 6^{12}\})$	10928
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^{13}\})$	10924
12	$\mathcal{O}(0; \{4^2, 6^{15}\})$	21844
12	$\mathcal{O}(0; \{2^{22}, 3^2, 4, 12\})$	4
12	$\mathcal{O}(0; \{2^{18}, 3^5, 4, 12\})$	44
12	$\mathcal{O}(0; \{2^{14}, 3^8, 4, 12\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^{11}, 4, 12\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^{14}, 4, 12\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{17}, 4, 12\})$	174764
12	$\mathcal{O}(0; \{2^{19}, 3^2, 4^3, 12\})$	16
12	$\mathcal{O}(0; \{2^{15}, 3^5, 4^3, 12\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^8, 4^3, 12\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^{11}, 4^3, 12\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{14}, 4^3, 12\})$	87376
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^5, 12\})$	64
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^5, 12\})$	704
12	$\mathcal{O}(0; \{2^8, 3^8, 4^5, 12\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^5, 12\})$	43712
12	$\mathcal{O}(0; \{3^{14}, 4^5, 12\})$	349504
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^7, 12\})$	256
12	$\mathcal{O}(0; \{2^9, 3^5, 4^7, 12\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^8, 4^7, 12\})$	21760
12	$\mathcal{O}(0; \{2, 3^{11}, 4^7, 12\})$	174848

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^9, 12\})$	1024
12	$\mathcal{O}(0; \{2^6, 3^5, 4^9, 12\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^8, 4^9, 12\})$	87040
12	$\mathcal{O}(0; \{2^7, 3^2, 4^{11}, 12\})$	4096
12	$\mathcal{O}(0; \{2^3, 3^5, 4^{11}, 12\})$	45056
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{13}, 12\})$	16384
12	$\mathcal{O}(0; \{3^5, 4^{13}, 12\})$	180224
12	$\mathcal{O}(0; \{2, 3^2, 4^{15}, 12\})$	65536
12	$\mathcal{O}(0; \{2^{23}, 4, 6, 12\})$	4
12	$\mathcal{O}(0; \{2^{19}, 3^3, 4, 6, 12\})$	20
12	$\mathcal{O}(0; \{2^{15}, 3^6, 4, 6, 12\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^9, 4, 6, 12\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^{12}, 4, 6, 12\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{15}, 4, 6, 12\})$	87380
12	$\mathcal{O}(0; \{2^{20}, 4^3, 6, 12\})$	16
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^3, 6, 12\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^3, 6, 12\})$	688
12	$\mathcal{O}(0; \{2^8, 3^9, 4^3, 6, 12\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^3, 6, 12\})$	43696
12	$\mathcal{O}(0; \{3^{15}, 4^3, 6, 12\})$	349520
12	$\mathcal{O}(0; \{2^{17}, 4^5, 6, 12\})$	64
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^5, 6, 12\})$	320
12	$\mathcal{O}(0; \{2^9, 3^6, 4^5, 6, 12\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^9, 4^5, 6, 12\})$	21824
12	$\mathcal{O}(0; \{2, 3^{12}, 4^5, 6, 12\})$	174784
12	$\mathcal{O}(0; \{2^{14}, 4^7, 6, 12\})$	256
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^7, 6, 12\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^6, 4^7, 6, 12\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^9, 4^7, 6, 12\})$	87296
12	$\mathcal{O}(0; \{2^{11}, 4^9, 6, 12\})$	1024
12	$\mathcal{O}(0; \{2^7, 3^3, 4^9, 6, 12\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^6, 4^9, 6, 12\})$	44032
12	$\mathcal{O}(0; \{2^8, 4^{11}, 6, 12\})$	4096
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{11}, 6, 12\})$	20480
12	$\mathcal{O}(0; \{3^6, 4^{11}, 6, 12\})$	176128
12	$\mathcal{O}(0; \{2^5, 4^{13}, 6, 12\})$	16384
12	$\mathcal{O}(0; \{2, 3^3, 4^{13}, 6, 12\})$	81920
12	$\mathcal{O}(0; \{2^2, 4^{15}, 6, 12\})$	65536
12	$\mathcal{O}(0; \{2^{20}, 3, 4, 6^2, 12\})$	12
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4, 6^2, 12\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4, 6^2, 12\})$	684
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4, 6^2, 12\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4, 6^2, 12\})$	43692

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^{16}, 4, 6^2, 12\})$	349524
12	$\mathcal{O}(0; \{2^{17}, 3, 4^3, 6^2, 12\})$	48
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^3, 6^2, 12\})$	336
12	$\mathcal{O}(0; \{2^9, 3^7, 4^3, 6^2, 12\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^3, 6^2, 12\})$	21840
12	$\mathcal{O}(0; \{2, 3^{13}, 4^3, 6^2, 12\})$	174768
12	$\mathcal{O}(0; \{2^{14}, 3, 4^5, 6^2, 12\})$	192
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^5, 6^2, 12\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^7, 4^5, 6^2, 12\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^5, 6^2, 12\})$	87360
12	$\mathcal{O}(0; \{2^{11}, 3, 4^7, 6^2, 12\})$	768
12	$\mathcal{O}(0; \{2^7, 3^4, 4^7, 6^2, 12\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^7, 4^7, 6^2, 12\})$	43776
12	$\mathcal{O}(0; \{2^8, 3, 4^9, 6^2, 12\})$	3072
12	$\mathcal{O}(0; \{2^4, 3^4, 4^9, 6^2, 12\})$	21504
12	$\mathcal{O}(0; \{3^7, 4^9, 6^2, 12\})$	175104
12	$\mathcal{O}(0; \{2^5, 3, 4^{11}, 6^2, 12\})$	12288
12	$\mathcal{O}(0; \{2, 3^4, 4^{11}, 6^2, 12\})$	86016
12	$\mathcal{O}(0; \{2^2, 3, 4^{13}, 6^2, 12\})$	49152
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4, 6^3, 12\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4, 6^3, 12\})$	340
12	$\mathcal{O}(0; \{2^9, 3^8, 4, 6^3, 12\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4, 6^3, 12\})$	21844
12	$\mathcal{O}(0; \{2, 3^{14}, 4, 6^3, 12\})$	174764
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^3, 6^3, 12\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^3, 6^3, 12\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^8, 4^3, 6^3, 12\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^3, 6^3, 12\})$	87376
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^5, 6^3, 12\})$	704
12	$\mathcal{O}(0; \{2^7, 3^5, 4^5, 6^3, 12\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^8, 4^5, 6^3, 12\})$	43712
12	$\mathcal{O}(0; \{2^8, 3^2, 4^7, 6^3, 12\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^5, 4^7, 6^3, 12\})$	21760
12	$\mathcal{O}(0; \{3^8, 4^7, 6^3, 12\})$	174848
12	$\mathcal{O}(0; \{2^5, 3^2, 4^9, 6^3, 12\})$	11264
12	$\mathcal{O}(0; \{2, 3^5, 4^9, 6^3, 12\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{11}, 6^3, 12\})$	45056
12	$\mathcal{O}(0; \{2^{18}, 4, 6^4, 12\})$	20
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4, 6^4, 12\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4, 6^4, 12\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^9, 4, 6^4, 12\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4, 6^4, 12\})$	87380
12	$\mathcal{O}(0; \{2^{15}, 4^3, 6^4, 12\})$	80

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^3, 6^4, 12\})$	688
12	$\mathcal{O}(0; \{2^7, 3^6, 4^3, 6^4, 12\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^9, 4^3, 6^4, 12\})$	43696
12	$\mathcal{O}(0; \{2^{12}, 4^5, 6^4, 12\})$	320
12	$\mathcal{O}(0; \{2^8, 3^3, 4^5, 6^4, 12\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^6, 4^5, 6^4, 12\})$	21824
12	$\mathcal{O}(0; \{3^9, 4^5, 6^4, 12\})$	174784
12	$\mathcal{O}(0; \{2^9, 4^7, 6^4, 12\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^3, 4^7, 6^4, 12\})$	11008
12	$\mathcal{O}(0; \{2, 3^6, 4^7, 6^4, 12\})$	87296
12	$\mathcal{O}(0; \{2^6, 4^9, 6^4, 12\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^3, 4^9, 6^4, 12\})$	44032
12	$\mathcal{O}(0; \{2^3, 4^{11}, 6^4, 12\})$	20480
12	$\mathcal{O}(0; \{4^{13}, 6^4, 12\})$	81920
12	$\mathcal{O}(0; \{2^{15}, 3, 4, 6^5, 12\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4, 6^5, 12\})$	684
12	$\mathcal{O}(0; \{2^7, 3^7, 4, 6^5, 12\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4, 6^5, 12\})$	43692
12	$\mathcal{O}(0; \{2^{12}, 3, 4^3, 6^5, 12\})$	336
12	$\mathcal{O}(0; \{2^8, 3^4, 4^3, 6^5, 12\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^7, 4^3, 6^5, 12\})$	21840
12	$\mathcal{O}(0; \{3^{10}, 4^3, 6^5, 12\})$	174768
12	$\mathcal{O}(0; \{2^9, 3, 4^5, 6^5, 12\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^4, 4^5, 6^5, 12\})$	10944
12	$\mathcal{O}(0; \{2, 3^7, 4^5, 6^5, 12\})$	87360
12	$\mathcal{O}(0; \{2^6, 3, 4^7, 6^5, 12\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^4, 4^7, 6^5, 12\})$	43776
12	$\mathcal{O}(0; \{2^3, 3, 4^9, 6^5, 12\})$	21504
12	$\mathcal{O}(0; \{3, 4^{11}, 6^5, 12\})$	86016
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4, 6^6, 12\})$	340
12	$\mathcal{O}(0; \{2^8, 3^5, 4, 6^6, 12\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^8, 4, 6^6, 12\})$	21844
12	$\mathcal{O}(0; \{3^{11}, 4, 6^6, 12\})$	174764
12	$\mathcal{O}(0; \{2^9, 3^2, 4^3, 6^6, 12\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^5, 4^3, 6^6, 12\})$	10928
12	$\mathcal{O}(0; \{2, 3^8, 4^3, 6^6, 12\})$	87376
12	$\mathcal{O}(0; \{2^6, 3^2, 4^5, 6^6, 12\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^5, 4^5, 6^6, 12\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^2, 4^7, 6^6, 12\})$	21760
12	$\mathcal{O}(0; \{3^2, 4^9, 6^6, 12\})$	87040
12	$\mathcal{O}(0; \{2^{13}, 4, 6^7, 12\})$	172
12	$\mathcal{O}(0; \{2^9, 3^3, 4, 6^7, 12\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^6, 4, 6^7, 12\})$	10924

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^9, 4, 6^7, 12\})$	87380
12	$\mathcal{O}(0; \{2^{10}, 4^3, 6^7, 12\})$	688
12	$\mathcal{O}(0; \{2^6, 3^3, 4^3, 6^7, 12\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^6, 4^3, 6^7, 12\})$	43696
12	$\mathcal{O}(0; \{2^7, 4^5, 6^7, 12\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^3, 4^5, 6^7, 12\})$	21824
12	$\mathcal{O}(0; \{2^4, 4^7, 6^7, 12\})$	11008
12	$\mathcal{O}(0; \{3^3, 4^7, 6^7, 12\})$	87296
12	$\mathcal{O}(0; \{2, 4^9, 6^7, 12\})$	44032
12	$\mathcal{O}(0; \{2^{10}, 3, 4, 6^8, 12\})$	684
12	$\mathcal{O}(0; \{2^6, 3^4, 4, 6^8, 12\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^7, 4, 6^8, 12\})$	43692
12	$\mathcal{O}(0; \{2^7, 3, 4^3, 6^8, 12\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 6^8, 12\})$	21840
12	$\mathcal{O}(0; \{2^4, 3, 4^5, 6^8, 12\})$	10944
12	$\mathcal{O}(0; \{3^4, 4^5, 6^8, 12\})$	87360
12	$\mathcal{O}(0; \{2, 3, 4^7, 6^8, 12\})$	43776
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 6^9, 12\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 6^9, 12\})$	21844
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6^9, 12\})$	10928
12	$\mathcal{O}(0; \{3^5, 4^3, 6^9, 12\})$	87376
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 6^9, 12\})$	43712
12	$\mathcal{O}(0; \{2^8, 4, 6^{10}, 12\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^{10}, 12\})$	10924
12	$\mathcal{O}(0; \{3^6, 4, 6^{10}, 12\})$	87380
12	$\mathcal{O}(0; \{2^5, 4^3, 6^{10}, 12\})$	5456
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^{10}, 12\})$	43696
12	$\mathcal{O}(0; \{2^2, 4^5, 6^{10}, 12\})$	21824
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^{11}, 12\})$	5460
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^{11}, 12\})$	43692
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^{11}, 12\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^{12}, 12\})$	21844
12	$\mathcal{O}(0; \{2^3, 4, 6^{13}, 12\})$	10924
12	$\mathcal{O}(0; \{4^3, 6^{13}, 12\})$	43696
12	$\mathcal{O}(0; \{3, 4, 6^{14}, 12\})$	43692
12	$\mathcal{O}(0; \{2^{23}, 3, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{19}, 3^4, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{15}, 3^7, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{11}, 3^{10}, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^7, 3^{13}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^{16}, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{20}, 3, 4^2, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4^2, 12^2\})$	176

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4^2, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4^2, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4^2, 12^2\})$	87376
12	$\mathcal{O}(0; \{3^{16}, 4^2, 12^2\})$	699056
12	$\mathcal{O}(0; \{2^{17}, 3, 4^4, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^4, 12^2\})$	704
12	$\mathcal{O}(0; \{2^9, 3^7, 4^4, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^4, 12^2\})$	43712
12	$\mathcal{O}(0; \{2, 3^{13}, 4^4, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^{14}, 3, 4^6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^6, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^7, 4^6, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^6, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^{11}, 3, 4^8, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^7, 3^4, 4^8, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^7, 4^8, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^8, 3, 4^{10}, 12^2\})$	4096
12	$\mathcal{O}(0; \{2^4, 3^4, 4^{10}, 12^2\})$	45056
12	$\mathcal{O}(0; \{3^7, 4^{10}, 12^2\})$	348160
12	$\mathcal{O}(0; \{2^5, 3, 4^{12}, 12^2\})$	16384
12	$\mathcal{O}(0; \{2, 3^4, 4^{12}, 12^2\})$	180224
12	$\mathcal{O}(0; \{2^2, 3, 4^{14}, 12^2\})$	65536
12	$\mathcal{O}(0; \{2^{20}, 3^2, 6, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{16}, 3^5, 6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{12}, 3^8, 6, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^{11}, 6, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^{14}, 6, 12^2\})$	87380
12	$\mathcal{O}(0; \{3^{17}, 6, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^2, 6, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^2, 6, 12^2\})$	688
12	$\mathcal{O}(0; \{2^9, 3^8, 4^2, 6, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^2, 6, 12^2\})$	43696
12	$\mathcal{O}(0; \{2, 3^{14}, 4^2, 6, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^4, 6, 12^2\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^4, 6, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^8, 4^4, 6, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^4, 6, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^6, 6, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^5, 4^6, 6, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^8, 4^6, 6, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^8, 3^2, 4^8, 6, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^4, 3^5, 4^8, 6, 12^2\})$	44032
12	$\mathcal{O}(0; \{3^8, 4^8, 6, 12^2\})$	349184

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{10}, 6, 12^2\})$	20480
12	$\mathcal{O}(0; \{2, 3^5, 4^{10}, 6, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{12}, 6, 12^2\})$	81920
12	$\mathcal{O}(0; \{2^{21}, 6^2, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{17}, 3^3, 6^2, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^6, 6^2, 12^2\})$	684
12	$\mathcal{O}(0; \{2^9, 3^9, 6^2, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^{12}, 6^2, 12^2\})$	43692
12	$\mathcal{O}(0; \{2, 3^{15}, 6^2, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{18}, 4^2, 6^2, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^2, 6^2, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^2, 6^2, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^9, 4^2, 6^2, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^2, 6^2, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{15}, 4^4, 6^2, 12^2\})$	192
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^4, 6^2, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^6, 4^4, 6^2, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^9, 4^4, 6^2, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^{12}, 4^6, 6^2, 12^2\})$	768
12	$\mathcal{O}(0; \{2^8, 3^3, 4^6, 6^2, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^6, 4^6, 6^2, 12^2\})$	43776
12	$\mathcal{O}(0; \{3^9, 4^6, 6^2, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^9, 4^8, 6^2, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^5, 3^3, 4^8, 6^2, 12^2\})$	21504
12	$\mathcal{O}(0; \{2, 3^6, 4^8, 6^2, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^6, 4^{10}, 6^2, 12^2\})$	12288
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{10}, 6^2, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^3, 4^{12}, 6^2, 12^2\})$	49152
12	$\mathcal{O}(0; \{4^{14}, 6^2, 12^2\})$	196608
12	$\mathcal{O}(0; \{2^{18}, 3, 6^3, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{14}, 3^4, 6^3, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^7, 6^3, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^{10}, 6^3, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{13}, 6^3, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{15}, 3, 4^2, 6^3, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^2, 6^3, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^7, 4^2, 6^3, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^2, 6^3, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^{12}, 3, 4^4, 6^3, 12^2\})$	704
12	$\mathcal{O}(0; \{2^8, 3^4, 4^4, 6^3, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^7, 4^4, 6^3, 12^2\})$	43712
12	$\mathcal{O}(0; \{3^{10}, 4^4, 6^3, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^9, 3, 4^6, 6^3, 12^2\})$	2816

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^4, 4^6, 6^3, 12^2\})$	21760
12	$\mathcal{O}(0; \{2, 3^7, 4^6, 6^3, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^6, 3, 4^8, 6^3, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^4, 4^8, 6^3, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^3, 3, 4^{10}, 6^3, 12^2\})$	45056
12	$\mathcal{O}(0; \{3, 4^{12}, 6^3, 12^2\})$	180224
12	$\mathcal{O}(0; \{2^{15}, 3^2, 6^4, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^5, 6^4, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^8, 6^4, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{11}, 6^4, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^2, 6^4, 12^2\})$	688
12	$\mathcal{O}(0; \{2^8, 3^5, 4^2, 6^4, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^8, 4^2, 6^4, 12^2\})$	43696
12	$\mathcal{O}(0; \{3^{11}, 4^2, 6^4, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^9, 3^2, 4^4, 6^4, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^5, 4^4, 6^4, 12^2\})$	21824
12	$\mathcal{O}(0; \{2, 3^8, 4^4, 6^4, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^6, 3^2, 4^6, 6^4, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^5, 4^6, 6^4, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^2, 4^8, 6^4, 12^2\})$	44032
12	$\mathcal{O}(0; \{3^2, 4^{10}, 6^4, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^{16}, 6^5, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^3, 6^5, 12^2\})$	684
12	$\mathcal{O}(0; \{2^8, 3^6, 6^5, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^9, 6^5, 12^2\})$	43692
12	$\mathcal{O}(0; \{3^{12}, 6^5, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{13}, 4^2, 6^5, 12^2\})$	336
12	$\mathcal{O}(0; \{2^9, 3^3, 4^2, 6^5, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^6, 4^2, 6^5, 12^2\})$	21840
12	$\mathcal{O}(0; \{2, 3^9, 4^2, 6^5, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{10}, 4^4, 6^5, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^3, 4^4, 6^5, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^6, 4^4, 6^5, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^7, 4^6, 6^5, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^3, 4^6, 6^5, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^4, 4^8, 6^5, 12^2\})$	21504
12	$\mathcal{O}(0; \{3^3, 4^8, 6^5, 12^2\})$	175104
12	$\mathcal{O}(0; \{2, 4^{10}, 6^5, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^{13}, 3, 6^6, 12^2\})$	340
12	$\mathcal{O}(0; \{2^9, 3^4, 6^6, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^7, 6^6, 12^2\})$	21844
12	$\mathcal{O}(0; \{2, 3^{10}, 6^6, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{10}, 3, 4^2, 6^6, 12^2\})$	1360

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3^4, 4^2, 6^6, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^7, 4^2, 6^6, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^7, 3, 4^4, 6^6, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^4, 4^4, 6^6, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^4, 3, 4^6, 6^6, 12^2\})$	21760
12	$\mathcal{O}(0; \{3^4, 4^6, 6^6, 12^2\})$	174848
12	$\mathcal{O}(0; \{2, 3, 4^8, 6^6, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^{10}, 3^2, 6^7, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^5, 6^7, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^8, 6^7, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 6^7, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 6^7, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 6^7, 12^2\})$	21824
12	$\mathcal{O}(0; \{3^5, 4^4, 6^7, 12^2\})$	174784
12	$\mathcal{O}(0; \{2, 3^2, 4^6, 6^7, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^{11}, 6^8, 12^2\})$	684
12	$\mathcal{O}(0; \{2^7, 3^3, 6^8, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^6, 6^8, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^8, 4^2, 6^8, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6^8, 12^2\})$	21840
12	$\mathcal{O}(0; \{3^6, 4^2, 6^8, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^5, 4^4, 6^8, 12^2\})$	10944
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 6^8, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^2, 4^6, 6^8, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^8, 3, 6^9, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^4, 6^9, 12^2\})$	21844
12	$\mathcal{O}(0; \{3^7, 6^9, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^9, 12^2\})$	10928
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^9, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^9, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^2, 6^{10}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2, 3^5, 6^{10}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^{10}, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^6, 6^{11}, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^3, 6^{11}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^3, 4^2, 6^{11}, 12^2\})$	21840
12	$\mathcal{O}(0; \{4^4, 6^{11}, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^3, 3, 6^{12}, 12^2\})$	21844
12	$\mathcal{O}(0; \{3, 4^2, 6^{12}, 12^2\})$	87376
12	$\mathcal{O}(0; \{3^2, 6^{13}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2, 6^{14}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{21}, 4, 12^3\})$	16
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4, 12^3\})$	176

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^9, 4, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4, 12^3\})$	87376
12	$\mathcal{O}(0; \{2, 3^{15}, 4, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{18}, 4^3, 12^3\})$	64
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^3, 12^3\})$	704
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^3, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^9, 4^3, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^3, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^{15}, 4^5, 12^3\})$	256
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^5, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^6, 4^5, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^9, 4^5, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^{12}, 4^7, 12^3\})$	1024
12	$\mathcal{O}(0; \{2^8, 3^3, 4^7, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^6, 4^7, 12^3\})$	87040
12	$\mathcal{O}(0; \{3^9, 4^7, 12^3\})$	699392
12	$\mathcal{O}(0; \{2^9, 4^9, 12^3\})$	4096
12	$\mathcal{O}(0; \{2^5, 3^3, 4^9, 12^3\})$	45056
12	$\mathcal{O}(0; \{2, 3^6, 4^9, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^6, 4^{11}, 12^3\})$	16384
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{11}, 12^3\})$	180224
12	$\mathcal{O}(0; \{2^3, 4^{13}, 12^3\})$	65536
12	$\mathcal{O}(0; \{4^{15}, 12^3\})$	262144
12	$\mathcal{O}(0; \{2^{18}, 3, 4, 6, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4, 6, 12^3\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4, 6, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4, 6, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4, 6, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{15}, 3, 4^3, 6, 12^3\})$	320
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^3, 6, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^7, 4^3, 6, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^3, 6, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^{12}, 3, 4^5, 6, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^8, 3^4, 4^5, 6, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^7, 4^5, 6, 12^3\})$	87296
12	$\mathcal{O}(0; \{3^{10}, 4^5, 6, 12^3\})$	699136
12	$\mathcal{O}(0; \{2^9, 3, 4^7, 6, 12^3\})$	5120
12	$\mathcal{O}(0; \{2^5, 3^4, 4^7, 6, 12^3\})$	44032
12	$\mathcal{O}(0; \{2, 3^7, 4^7, 6, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^6, 3, 4^9, 6, 12^3\})$	20480
12	$\mathcal{O}(0; \{2^2, 3^4, 4^9, 6, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^3, 3, 4^{11}, 6, 12^3\})$	81920

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3, 4^{13}, 6, 12^3\})$	327680
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4, 6^2, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4, 6^2, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^8, 4, 6^2, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4, 6^2, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^3, 6^2, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^5, 4^3, 6^2, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^8, 4^3, 6^2, 12^3\})$	87360
12	$\mathcal{O}(0; \{3^{11}, 4^3, 6^2, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^9, 3^2, 4^5, 6^2, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^5, 4^5, 6^2, 12^3\})$	43776
12	$\mathcal{O}(0; \{2, 3^8, 4^5, 6^2, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^6, 3^2, 4^7, 6^2, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^5, 4^7, 6^2, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^2, 4^9, 6^2, 12^3\})$	86016
12	$\mathcal{O}(0; \{3^2, 4^{11}, 6^2, 12^3\})$	344064
12	$\mathcal{O}(0; \{2^{16}, 4, 6^3, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4, 6^3, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^6, 4, 6^3, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^9, 4, 6^3, 12^3\})$	87376
12	$\mathcal{O}(0; \{3^{12}, 4, 6^3, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{13}, 4^3, 6^3, 12^3\})$	704
12	$\mathcal{O}(0; \{2^9, 3^3, 4^3, 6^3, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^6, 4^3, 6^3, 12^3\})$	43712
12	$\mathcal{O}(0; \{2, 3^9, 4^3, 6^3, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^{10}, 4^5, 6^3, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^3, 4^5, 6^3, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^6, 4^5, 6^3, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^7, 4^7, 6^3, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^3, 4^7, 6^3, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^4, 4^9, 6^3, 12^3\})$	45056
12	$\mathcal{O}(0; \{3^3, 4^9, 6^3, 12^3\})$	348160
12	$\mathcal{O}(0; \{2, 4^{11}, 6^3, 12^3\})$	180224
12	$\mathcal{O}(0; \{2^{13}, 3, 4, 6^4, 12^3\})$	688
12	$\mathcal{O}(0; \{2^9, 3^4, 4, 6^4, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^7, 4, 6^4, 12^3\})$	43696
12	$\mathcal{O}(0; \{2, 3^{10}, 4, 6^4, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{10}, 3, 4^3, 6^4, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^4, 4^3, 6^4, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^7, 4^3, 6^4, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^7, 3, 4^5, 6^4, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^4, 4^5, 6^4, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^4, 3, 4^7, 6^4, 12^3\})$	44032

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^4, 4^7, 6^4, 12^3\})$	349184
12	$\mathcal{O}(0; \{2, 3, 4^9, 6^4, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4, 6^5, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^5, 4, 6^5, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^8, 4, 6^5, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^7, 3^2, 4^3, 6^5, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^5, 4^3, 6^5, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^2, 4^5, 6^5, 12^3\})$	43776
12	$\mathcal{O}(0; \{3^5, 4^5, 6^5, 12^3\})$	349440
12	$\mathcal{O}(0; \{2, 3^2, 4^7, 6^5, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^{11}, 4, 6^6, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 6^6, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 6^6, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^8, 4^3, 6^6, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 6^6, 12^3\})$	43712
12	$\mathcal{O}(0; \{3^6, 4^3, 6^6, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^5, 4^5, 6^6, 12^3\})$	21760
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 6^6, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^2, 4^7, 6^6, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^8, 3, 4, 6^7, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6^7, 12^3\})$	43696
12	$\mathcal{O}(0; \{3^7, 4, 6^7, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 6^7, 12^3\})$	21824
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6^7, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6^7, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^8, 12^3\})$	21840
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^8, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^8, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^6, 4, 6^9, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^9, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^3, 4^3, 6^9, 12^3\})$	43712
12	$\mathcal{O}(0; \{4^5, 6^9, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^{10}, 12^3\})$	43696
12	$\mathcal{O}(0; \{3, 4^3, 6^{10}, 12^3\})$	174784
12	$\mathcal{O}(0; \{3^2, 4, 6^{11}, 12^3\})$	174768
12	$\mathcal{O}(0; \{2, 4, 6^{12}, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^{18}, 3^2, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{14}, 3^5, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^{10}, 3^8, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^6, 3^{11}, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^{14}, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^2, 12^4\})$	704
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^2, 12^4\})$	5440

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^7, 3^8, 4^2, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^2, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^4, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^8, 3^5, 4^4, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^8, 4^4, 12^4\})$	174848
12	$\mathcal{O}(0; \{3^{11}, 4^4, 12^4\})$	1398016
12	$\mathcal{O}(0; \{2^9, 3^2, 4^6, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^5, 3^5, 4^6, 12^4\})$	87040
12	$\mathcal{O}(0; \{2, 3^8, 4^6, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^6, 3^2, 4^8, 12^4\})$	45056
12	$\mathcal{O}(0; \{2^2, 3^5, 4^8, 12^4\})$	348160
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{10}, 12^4\})$	180224
12	$\mathcal{O}(0; \{3^2, 4^{12}, 12^4\})$	720896
12	$\mathcal{O}(0; \{2^{19}, 6, 12^4\})$	80
12	$\mathcal{O}(0; \{2^{15}, 3^3, 6, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{11}, 3^6, 6, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^9, 6, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^{12}, 6, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{16}, 4^2, 6, 12^4\})$	320
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^2, 6, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^6, 4^2, 6, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^9, 4^2, 6, 12^4\})$	174784
12	$\mathcal{O}(0; \{3^{12}, 4^2, 6, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^{13}, 4^4, 6, 12^4\})$	1280
12	$\mathcal{O}(0; \{2^9, 3^3, 4^4, 6, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^6, 4^4, 6, 12^4\})$	87296
12	$\mathcal{O}(0; \{2, 3^9, 4^4, 6, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^{10}, 4^6, 6, 12^4\})$	5120
12	$\mathcal{O}(0; \{2^6, 3^3, 4^6, 6, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^6, 4^6, 6, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^7, 4^8, 6, 12^4\})$	20480
12	$\mathcal{O}(0; \{2^3, 3^3, 4^8, 6, 12^4\})$	176128
12	$\mathcal{O}(0; \{2^4, 4^{10}, 6, 12^4\})$	81920
12	$\mathcal{O}(0; \{3^3, 4^{10}, 6, 12^4\})$	704512
12	$\mathcal{O}(0; \{2, 4^{12}, 6, 12^4\})$	327680
12	$\mathcal{O}(0; \{2^{16}, 3, 6^2, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{12}, 3^4, 6^2, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^7, 6^2, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^{10}, 6^2, 12^4\})$	174768
12	$\mathcal{O}(0; \{3^{13}, 6^2, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^{13}, 3, 4^2, 6^2, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^4, 4^2, 6^2, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^7, 4^2, 6^2, 12^4\})$	87360

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^{10}, 4^2, 6^2, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^{10}, 3, 4^4, 6^2, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^4, 4^4, 6^2, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^7, 4^4, 6^2, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^7, 3, 4^6, 6^2, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^4, 4^6, 6^2, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^4, 3, 4^8, 6^2, 12^4\})$	86016
12	$\mathcal{O}(0; \{3^4, 4^8, 6^2, 12^4\})$	700416
12	$\mathcal{O}(0; \{2, 3, 4^{10}, 6^2, 12^4\})$	344064
12	$\mathcal{O}(0; \{2^{13}, 3^2, 6^3, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^5, 6^3, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^8, 6^3, 12^4\})$	87376
12	$\mathcal{O}(0; \{2, 3^{11}, 6^3, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^2, 6^3, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^5, 4^2, 6^3, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^8, 4^2, 6^3, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^7, 3^2, 4^4, 6^3, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^5, 4^4, 6^3, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^2, 4^6, 6^3, 12^4\})$	87040
12	$\mathcal{O}(0; \{3^5, 4^6, 6^3, 12^4\})$	699392
12	$\mathcal{O}(0; \{2, 3^2, 4^8, 6^3, 12^4\})$	348160
12	$\mathcal{O}(0; \{2^{14}, 6^4, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^3, 6^4, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^6, 6^4, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^9, 6^4, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{11}, 4^2, 6^4, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 6^4, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 6^4, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^8, 4^4, 6^4, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 6^4, 12^4\})$	87296
12	$\mathcal{O}(0; \{3^6, 4^4, 6^4, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^5, 4^6, 6^4, 12^4\})$	44032
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 6^4, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^2, 4^8, 6^4, 12^4\})$	176128
12	$\mathcal{O}(0; \{2^{11}, 3, 6^5, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^4, 6^5, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^7, 6^5, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6^5, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6^5, 12^4\})$	87360
12	$\mathcal{O}(0; \{3^7, 4^2, 6^5, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6^5, 12^4\})$	43776
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6^5, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 6^5, 12^4\})$	175104

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^8, 3^2, 6^6, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^5, 6^6, 12^4\})$	87376
12	$\mathcal{O}(0; \{3^8, 6^6, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^6, 12^4\})$	43712
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^6, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^6, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^9, 6^7, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^3, 6^7, 12^4\})$	43696
12	$\mathcal{O}(0; \{2, 3^6, 6^7, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^6, 4^2, 6^7, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^7, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^3, 4^4, 6^7, 12^4\})$	87296
12	$\mathcal{O}(0; \{4^6, 6^7, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^6, 3, 6^8, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^4, 6^8, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^8, 12^4\})$	87360
12	$\mathcal{O}(0; \{3, 4^4, 6^8, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^2, 6^9, 12^4\})$	87376
12	$\mathcal{O}(0; \{3^2, 4^2, 6^9, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^4, 6^{10}, 12^4\})$	43696
12	$\mathcal{O}(0; \{3^3, 6^{10}, 12^4\})$	349520
12	$\mathcal{O}(0; \{2, 4^2, 6^{10}, 12^4\})$	174784
12	$\mathcal{O}(0; \{2, 3, 6^{11}, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^{16}, 3, 4, 12^5\})$	704
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^7, 4, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4, 12^5\})$	349504
12	$\mathcal{O}(0; \{3^{13}, 4, 12^5\})$	2796224
12	$\mathcal{O}(0; \{2^{13}, 3, 4^3, 12^5\})$	2816
12	$\mathcal{O}(0; \{2^9, 3^4, 4^3, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^7, 4^3, 12^5\})$	174848
12	$\mathcal{O}(0; \{2, 3^{10}, 4^3, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^{10}, 3, 4^5, 12^5\})$	11264
12	$\mathcal{O}(0; \{2^6, 3^4, 4^5, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^7, 4^5, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^7, 3, 4^7, 12^5\})$	45056
12	$\mathcal{O}(0; \{2^3, 3^4, 4^7, 12^5\})$	348160
12	$\mathcal{O}(0; \{2^4, 3, 4^9, 12^5\})$	180224
12	$\mathcal{O}(0; \{3^4, 4^9, 12^5\})$	1392640
12	$\mathcal{O}(0; \{2, 3, 4^{11}, 12^5\})$	720896
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4, 6, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^9, 3^5, 4, 6, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^8, 4, 6, 12^5\})$	174784

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^{11}, 4, 6, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^3, 6, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^5, 4^3, 6, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^8, 4^3, 6, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^7, 3^2, 4^5, 6, 12^5\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^5, 4^5, 6, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^4, 3^2, 4^7, 6, 12^5\})$	176128
12	$\mathcal{O}(0; \{3^5, 4^7, 6, 12^5\})$	1396736
12	$\mathcal{O}(0; \{2, 3^2, 4^9, 6, 12^5\})$	704512
12	$\mathcal{O}(0; \{2^{14}, 4, 6^2, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4, 6^2, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^6, 4, 6^2, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^9, 4, 6^2, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^{11}, 4^3, 6^2, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^7, 3^3, 4^3, 6^2, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^6, 4^3, 6^2, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^8, 4^5, 6^2, 12^5\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^3, 4^5, 6^2, 12^5\})$	175104
12	$\mathcal{O}(0; \{3^6, 4^5, 6^2, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^5, 4^7, 6^2, 12^5\})$	86016
12	$\mathcal{O}(0; \{2, 3^3, 4^7, 6^2, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^2, 4^9, 6^2, 12^5\})$	344064
12	$\mathcal{O}(0; \{2^{11}, 3, 4, 6^3, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^4, 4, 6^3, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^7, 4, 6^3, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^8, 3, 4^3, 6^3, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^4, 4^3, 6^3, 12^5\})$	174848
12	$\mathcal{O}(0; \{3^7, 4^3, 6^3, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^5, 3, 4^5, 6^3, 12^5\})$	87040
12	$\mathcal{O}(0; \{2, 3^4, 4^5, 6^3, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^2, 3, 4^7, 6^3, 12^5\})$	348160
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 6^4, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 6^4, 12^5\})$	174784
12	$\mathcal{O}(0; \{3^8, 4, 6^4, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 6^4, 12^5\})$	87296
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 6^4, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 6^4, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^9, 4, 6^5, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6^5, 12^5\})$	87360
12	$\mathcal{O}(0; \{2, 3^6, 4, 6^5, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^6, 4^3, 6^5, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6^5, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^3, 4^5, 6^5, 12^5\})$	175104

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{4^7, 6^5, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^6, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^6, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^6, 12^5\})$	174848
12	$\mathcal{O}(0; \{3, 4^5, 6^6, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^7, 12^5\})$	174784
12	$\mathcal{O}(0; \{3^2, 4^3, 6^7, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^4, 4, 6^8, 12^5\})$	87360
12	$\mathcal{O}(0; \{3^3, 4, 6^8, 12^5\})$	699072
12	$\mathcal{O}(0; \{2, 4^3, 6^8, 12^5\})$	349440
12	$\mathcal{O}(0; \{2, 3, 4, 6^9, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^{17}, 12^6\})$	704
12	$\mathcal{O}(0; \{2^{13}, 3^3, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^9, 3^6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^9, 12^6\})$	349504
12	$\mathcal{O}(0; \{2, 3^{12}, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^{14}, 4^2, 12^6\})$	2816
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^2, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^6, 4^2, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^9, 4^2, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^{11}, 4^4, 12^6\})$	11264
12	$\mathcal{O}(0; \{2^7, 3^3, 4^4, 12^6\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^6, 4^4, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^8, 4^6, 12^6\})$	45056
12	$\mathcal{O}(0; \{2^4, 3^3, 4^6, 12^6\})$	348160
12	$\mathcal{O}(0; \{3^6, 4^6, 12^6\})$	2797568
12	$\mathcal{O}(0; \{2^5, 4^8, 12^6\})$	180224
12	$\mathcal{O}(0; \{2, 3^3, 4^8, 12^6\})$	1392640
12	$\mathcal{O}(0; \{2^2, 4^{10}, 12^6\})$	720896
12	$\mathcal{O}(0; \{2^{14}, 3, 6, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^{10}, 3^4, 6, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^7, 6, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^{10}, 6, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^{11}, 3, 4^2, 6, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^7, 3^4, 4^2, 6, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^7, 4^2, 6, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^8, 3, 4^4, 6, 12^6\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^4, 4^4, 6, 12^6\})$	349184
12	$\mathcal{O}(0; \{3^7, 4^4, 6, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2^5, 3, 4^6, 6, 12^6\})$	176128
12	$\mathcal{O}(0; \{2, 3^4, 4^6, 6, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^2, 3, 4^8, 6, 12^6\})$	704512
12	$\mathcal{O}(0; \{2^{11}, 3^2, 6^2, 12^6\})$	10944

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^7, 3^5, 6^2, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^8, 6^2, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 6^2, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 6^2, 12^6\})$	349440
12	$\mathcal{O}(0; \{3^8, 4^2, 6^2, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 6^2, 12^6\})$	175104
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 6^2, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 6^2, 12^6\})$	700416
12	$\mathcal{O}(0; \{2^{12}, 6^3, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^3, 6^3, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^6, 6^3, 12^6\})$	349504
12	$\mathcal{O}(0; \{3^9, 6^3, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^9, 4^2, 6^3, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6^3, 12^6\})$	174848
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6^3, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^6, 4^4, 6^3, 12^6\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6^3, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^3, 4^6, 6^3, 12^6\})$	348160
12	$\mathcal{O}(0; \{4^8, 6^3, 12^6\})$	1392640
12	$\mathcal{O}(0; \{2^9, 3, 6^4, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^4, 6^4, 12^6\})$	174784
12	$\mathcal{O}(0; \{2, 3^7, 6^4, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^4, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^4, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^4, 12^6\})$	349184
12	$\mathcal{O}(0; \{3, 4^6, 6^4, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^6, 3^2, 6^5, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^5, 6^5, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^5, 12^6\})$	349440
12	$\mathcal{O}(0; \{3^2, 4^4, 6^5, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^7, 6^6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^3, 6^6, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^4, 4^2, 6^6, 12^6\})$	174848
12	$\mathcal{O}(0; \{3^3, 4^2, 6^6, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2, 4^4, 6^6, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^4, 3, 6^7, 12^6\})$	174784
12	$\mathcal{O}(0; \{3^4, 6^7, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^7, 12^6\})$	699136
12	$\mathcal{O}(0; \{2, 3^2, 6^8, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^2, 6^9, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^7, 3^5, 4, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^8, 4, 12^7\})$	1398016

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^8, 3^2, 4^3, 12^7\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^5, 4^3, 12^7\})$	699392
12	$\mathcal{O}(0; \{3^8, 4^3, 12^7\})$	5592064
12	$\mathcal{O}(0; \{2^5, 3^2, 4^5, 12^7\})$	348160
12	$\mathcal{O}(0; \{2, 3^5, 4^5, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2^2, 3^2, 4^7, 12^7\})$	1392640
12	$\mathcal{O}(0; \{2^{12}, 4, 6, 12^7\})$	11008
12	$\mathcal{O}(0; \{2^8, 3^3, 4, 6, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^6, 4, 6, 12^7\})$	699136
12	$\mathcal{O}(0; \{3^9, 4, 6, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2^9, 4^3, 6, 12^7\})$	44032
12	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 6, 12^7\})$	349184
12	$\mathcal{O}(0; \{2, 3^6, 4^3, 6, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^6, 4^5, 6, 12^7\})$	176128
12	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 6, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2^3, 4^7, 6, 12^7\})$	704512
12	$\mathcal{O}(0; \{4^9, 6, 12^7\})$	2818048
12	$\mathcal{O}(0; \{2^9, 3, 4, 6^2, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 6^2, 12^7\})$	349440
12	$\mathcal{O}(0; \{2, 3^7, 4, 6^2, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 6^2, 12^7\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6^2, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 6^2, 12^7\})$	700416
12	$\mathcal{O}(0; \{3, 4^7, 6^2, 12^7\})$	2801664
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^3, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^3, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^3, 12^7\})$	699392
12	$\mathcal{O}(0; \{3^2, 4^5, 6^3, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2^7, 4, 6^4, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^4, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^4, 4^3, 6^4, 12^7\})$	349184
12	$\mathcal{O}(0; \{3^3, 4^3, 6^4, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2, 4^5, 6^4, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^5, 12^7\})$	349440
12	$\mathcal{O}(0; \{3^4, 4, 6^5, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^5, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^6, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^2, 4, 6^7, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^{12}, 3, 12^8\})$	21760
12	$\mathcal{O}(0; \{2^8, 3^4, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^7, 12^8\})$	1398016
12	$\mathcal{O}(0; \{3^{10}, 12^8\})$	11184896
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 12^8\})$	87040

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 12^8\})$	699392
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 12^8\})$	348160
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 12^8\})$	1392640
12	$\mathcal{O}(0; \{3, 4^8, 12^8\})$	5570560
12	$\mathcal{O}(0; \{2^9, 3^2, 6, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^5, 6, 12^8\})$	699136
12	$\mathcal{O}(0; \{2, 3^8, 6, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6, 12^8\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6, 12^8\})$	1396736
12	$\mathcal{O}(0; \{3^2, 4^6, 6, 12^8\})$	5586944
12	$\mathcal{O}(0; \{2^{10}, 6^2, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^3, 6^2, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^6, 6^2, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^7, 4^2, 6^2, 12^8\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^2, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2^4, 4^4, 6^2, 12^8\})$	700416
12	$\mathcal{O}(0; \{3^3, 4^4, 6^2, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2, 4^6, 6^2, 12^8\})$	2801664
12	$\mathcal{O}(0; \{2^7, 3, 6^3, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^4, 6^3, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^3, 12^8\})$	699392
12	$\mathcal{O}(0; \{3^4, 4^2, 6^3, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^3, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2^4, 3^2, 6^4, 12^8\})$	699136
12	$\mathcal{O}(0; \{3^5, 6^4, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^4, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^5, 6^5, 12^8\})$	349440
12	$\mathcal{O}(0; \{2, 3^3, 6^5, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^2, 4^2, 6^5, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3, 6^6, 12^8\})$	1398016
12	$\mathcal{O}(0; \{6^8, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^{10}, 4, 12^9\})$	87040
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 12^9\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^7, 4^3, 12^9\})$	348160
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 12^9\})$	2797568
12	$\mathcal{O}(0; \{2^4, 4^5, 12^9\})$	1392640
12	$\mathcal{O}(0; \{3^3, 4^5, 12^9\})$	11190272
12	$\mathcal{O}(0; \{2, 4^7, 12^9\})$	5570560
12	$\mathcal{O}(0; \{2^7, 3, 4, 6, 12^9\})$	349184

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6, 12^9\})$	1396736
12	$\mathcal{O}(0; \{3^4, 4^3, 6, 12^9\})$	11186176
12	$\mathcal{O}(0; \{2, 3, 4^5, 6, 12^9\})$	5586944
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^2, 12^9\})$	1397760
12	$\mathcal{O}(0; \{3^5, 4, 6^2, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^2, 12^9\})$	5591040
12	$\mathcal{O}(0; \{2^5, 4, 6^3, 12^9\})$	699392
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^3, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^2, 4^3, 6^3, 12^9\})$	2797568
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^4, 12^9\})$	2796544
12	$\mathcal{O}(0; \{4, 6^6, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^7, 3^2, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{2^3, 3^5, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{3^5, 4^2, 12^{10}\})$	22368256
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 12^{10}\})$	11190272
12	$\mathcal{O}(0; \{2^8, 6, 12^{10}\})$	349184
12	$\mathcal{O}(0; \{2^4, 3^3, 6, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{3^6, 6, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2^5, 4^2, 6, 12^{10}\})$	1396736
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{2^2, 4^4, 6, 12^{10}\})$	5586944
12	$\mathcal{O}(0; \{2^5, 3, 6^2, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2, 3^4, 6^2, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^2, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2^3, 6^4, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{4^2, 6^4, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{3, 6^5, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^5, 3, 4, 12^{11}\})$	2797568
12	$\mathcal{O}(0; \{2, 3^4, 4, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 12^{11}\})$	11190272
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{2^3, 4, 6^2, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{4^3, 6^2, 12^{11}\})$	22364160
12	$\mathcal{O}(0; \{3, 4, 6^3, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{2^6, 12^{12}\})$	2797568
12	$\mathcal{O}(0; \{2^2, 3^3, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{2^3, 4^2, 12^{12}\})$	11190272
12	$\mathcal{O}(0; \{4^4, 12^{12}\})$	44761088
12	$\mathcal{O}(0; \{2^3, 3, 6, 12^{12}\})$	11186176
12	$\mathcal{O}(0; \{3, 4^2, 6, 12^{12}\})$	44744704

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^2, 6^2, 12^{12}\})$	44740608
12	$\mathcal{O}(0; \{2, 6^3, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{3^2, 4, 12^{13}\})$	89473024
12	$\mathcal{O}(0; \{2, 4, 6, 12^{13}\})$	44744704
12	$\mathcal{O}(0; \{2, 3, 12^{14}\})$	89473024
13	$\mathcal{O}(1; \{13^{12}\})$	115909305827484
14	$\mathcal{O}(5; \{2, 7, 14\})$	1735527929856
14	$\mathcal{O}(4; \{7^5\})$	1631726923050
14	$\mathcal{O}(4; \{2^5, 7, 14\})$	8854734336
14	$\mathcal{O}(4; \{2^3, 14^3\})$	44273671680
14	$\mathcal{O}(3; \{2^4, 7^5\})$	8357784960
14	$\mathcal{O}(3; \{2^9, 7, 14\})$	45177216
14	$\mathcal{O}(3; \{2^2, 7^4, 14^2\})$	50191886976
14	$\mathcal{O}(3; \{2^7, 14^3\})$	225886080
14	$\mathcal{O}(3; \{7^3, 14^4\})$	301106144640
14	$\mathcal{O}(2; \{2^8, 7^5\})$	42641760
14	$\mathcal{O}(2; \{2^{13}, 7, 14\})$	230496
14	$\mathcal{O}(2; \{2, 7^8, 14\})$	55306362720
14	$\mathcal{O}(2; \{2^6, 7^4, 14^2\})$	256081056
14	$\mathcal{O}(2; \{2^{11}, 14^3\})$	1152480
14	$\mathcal{O}(2; \{2^4, 7^3, 14^4\})$	1536255840
14	$\mathcal{O}(2; \{2^2, 7^2, 14^6\})$	9217765536
14	$\mathcal{O}(2; \{7, 14^8\})$	55306362720
14	$\mathcal{O}(1; \{2^{12}, 7^5\})$	217560
14	$\mathcal{O}(1; \{7^{12}\})$	45712429182
14	$\mathcal{O}(1; \{2^{17}, 7, 14\})$	1176
14	$\mathcal{O}(1; \{2^5, 7^8, 14\})$	282175320
14	$\mathcal{O}(1; \{2^{10}, 7^4, 14^2\})$	1306536
14	$\mathcal{O}(1; \{2^{15}, 14^3\})$	5880
14	$\mathcal{O}(1; \{2^3, 7^7, 14^3\})$	1693053096
14	$\mathcal{O}(1; \{2^8, 7^3, 14^4\})$	7838040
14	$\mathcal{O}(1; \{2, 7^6, 14^5\})$	10158317400
14	$\mathcal{O}(1; \{2^6, 7^2, 14^6\})$	47029416
14	$\mathcal{O}(1; \{2^4, 7, 14^8\})$	282175320
14	$\mathcal{O}(1; \{2^2, 14^{10}\})$	1693053096
14	$\mathcal{O}(0; \{2^{16}, 7^5\})$	1110
14	$\mathcal{O}(0; \{2^4, 7^{12}\})$	310968906
14	$\mathcal{O}(0; \{2^{21}, 7, 14\})$	6
14	$\mathcal{O}(0; \{2^9, 7^8, 14\})$	1439670
14	$\mathcal{O}(0; \{2^{14}, 7^4, 14^2\})$	6666
14	$\mathcal{O}(0; \{2^2, 7^{11}, 14^2\})$	1865813430
14	$\mathcal{O}(0; \{2^{19}, 14^3\})$	30
14	$\mathcal{O}(0; \{2^7, 7^7, 14^3\})$	8638026

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(0; \{2^{12}, 7^3, 14^4\})$	39990
14	$\mathcal{O}(0; \{7^{10}, 14^4\})$	11194880586
14	$\mathcal{O}(0; \{2^5, 7^6, 14^5\})$	51828150
14	$\mathcal{O}(0; \{2^{10}, 7^2, 14^6\})$	239946
14	$\mathcal{O}(0; \{2^3, 7^5, 14^7\})$	310968906
14	$\mathcal{O}(0; \{2^8, 7, 14^8\})$	1439670
14	$\mathcal{O}(0; \{2, 7^4, 14^9\})$	1865813430
14	$\mathcal{O}(0; \{2^6, 14^{10}\})$	8638026
15	$\mathcal{O}(5; \{5^2\})$	2306562500000
15	$\mathcal{O}(4; \{3^3, 5^2\})$	20503125000
15	$\mathcal{O}(4; \{5, 15^3\})$	266540625000
15	$\mathcal{O}(3; \{3^6, 5^2\})$	1002375000
15	$\mathcal{O}(3; \{5^7\})$	37264500000
15	$\mathcal{O}(3; \{3, 5^5, 15\})$	18680625000
15	$\mathcal{O}(3; \{3^2, 5^3, 15^2\})$	13942125000
15	$\mathcal{O}(3; \{3^3, 5, 15^3\})$	13030875000
15	$\mathcal{O}(3; \{15^6\})$	205486875000
15	$\mathcal{O}(2; \{3^9, 5^2\})$	34425000
15	$\mathcal{O}(2; \{3^3, 5^7\})$	331695000
15	$\mathcal{O}(2; \{3^4, 5^5, 15\})$	415125000
15	$\mathcal{O}(2; \{3^5, 5^3, 15^2\})$	433755000
15	$\mathcal{O}(2; \{3^6, 5, 15^3\})$	447525000
15	$\mathcal{O}(2; \{5^6, 15^3\})$	5308335000
15	$\mathcal{O}(2; \{3, 5^4, 15^4\})$	6635925000
15	$\mathcal{O}(2; \{3^2, 5^2, 15^5\})$	6965595000
15	$\mathcal{O}(2; \{3^3, 15^6\})$	7057125000
15	$\mathcal{O}(1; \{3^{12}, 5^2\})$	1229400
15	$\mathcal{O}(1; \{3^6, 5^7\})$	16216200
15	$\mathcal{O}(1; \{5^{12}\})$	671088800
15	$\mathcal{O}(1; \{3^7, 5^5, 15\})$	15867000
15	$\mathcal{O}(1; \{3, 5^{10}, 15\})$	377487000
15	$\mathcal{O}(1; \{3^8, 5^3, 15^2\})$	15697800
15	$\mathcal{O}(1; \{3^2, 5^8, 15^2\})$	283116600
15	$\mathcal{O}(1; \{3^9, 5, 15^3\})$	15982200
15	$\mathcal{O}(1; \{3^3, 5^6, 15^3\})$	259518600
15	$\mathcal{O}(1; \{3^4, 5^4, 15^4\})$	253639800
15	$\mathcal{O}(1; \{3^5, 5^2, 15^5\})$	252088200
15	$\mathcal{O}(1; \{3^6, 15^6\})$	252027000
15	$\mathcal{O}(1; \{5^5, 15^6\})$	4152357000
15	$\mathcal{O}(1; \{3, 5^3, 15^7\})$	4058004600
15	$\mathcal{O}(1; \{3^2, 5, 15^8\})$	4034334600
15	$\mathcal{O}(0; \{3^{15}, 5^2\})$	43688
15	$\mathcal{O}(0; \{3^9, 5^7\})$	556920

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{3^3, 5^{12}\})$	6710888
15	$\mathcal{O}(0; \{3^{10}, 5^5, 15\})$	559240
15	$\mathcal{O}(0; \{3^4, 5^{10}, 15\})$	8388600
15	$\mathcal{O}(0; \{3^{11}, 5^3, 15^2\})$	556920
15	$\mathcal{O}(0; \{3^5, 5^8, 15^2\})$	8808072
15	$\mathcal{O}(0; \{3^{12}, 5, 15^3\})$	567944
15	$\mathcal{O}(0; \{3^6, 5^6, 15^3\})$	8912760
15	$\mathcal{O}(0; \{5^{11}, 15^3\})$	107374184
15	$\mathcal{O}(0; \{3^7, 5^4, 15^4\})$	8939656
15	$\mathcal{O}(0; \{3, 5^9, 15^4\})$	134217720
15	$\mathcal{O}(0; \{3^8, 5^2, 15^5\})$	8943480
15	$\mathcal{O}(0; \{3^2, 5^7, 15^5\})$	140928648
15	$\mathcal{O}(0; \{3^9, 15^6\})$	8956040
15	$\mathcal{O}(0; \{3^3, 5^5, 15^6\})$	142606200
15	$\mathcal{O}(0; \{3^4, 5^3, 15^7\})$	143026312
15	$\mathcal{O}(0; \{3^5, 5, 15^8\})$	143128440
15	$\mathcal{O}(0; \{5^4, 15^9\})$	2281701240
15	$\mathcal{O}(0; \{3, 5^2, 15^{10}\})$	2288412808
15	$\mathcal{O}(0; \{3^2, 15^{11}\})$	2290087800
16	$\mathcal{O}(5; \{2^2\})$	1098437885952
16	$\mathcal{O}(4; \{2^6\})$	4278190080
16	$\mathcal{O}(4; \{2^3, 4^2\})$	8556380160
16	$\mathcal{O}(4; \{4^4\})$	34225520640
16	$\mathcal{O}(4; \{2, 4, 8^2\})$	34225520640
16	$\mathcal{O}(3; \{2^{10}\})$	16515072
16	$\mathcal{O}(3; \{2^7, 4^2\})$	33030144
16	$\mathcal{O}(3; \{2^4, 4^4\})$	132120576
16	$\mathcal{O}(3; \{2, 4^6\})$	528482304
16	$\mathcal{O}(3; \{2^5, 4, 8^2\})$	132120576
16	$\mathcal{O}(3; \{2^2, 4^3, 8^2\})$	528482304
16	$\mathcal{O}(3; \{2^3, 8^4\})$	1056964608
16	$\mathcal{O}(3; \{4^2, 8^4\})$	4227858432
16	$\mathcal{O}(3; \{2^3, 4, 8, 16^2\})$	1073741824
16	$\mathcal{O}(3; \{4^3, 8, 16^2\})$	4294967296
16	$\mathcal{O}(3; \{2, 8^3, 16^2\})$	8589934592
16	$\mathcal{O}(3; \{2, 4, 16^4\})$	17179869184
16	$\mathcal{O}(2; \{2^{14}\})$	61440
16	$\mathcal{O}(2; \{2^{11}, 4^2\})$	122880
16	$\mathcal{O}(2; \{2^8, 4^4\})$	491520
16	$\mathcal{O}(2; \{2^5, 4^6\})$	1966080
16	$\mathcal{O}(2; \{2^2, 4^8\})$	7864320
16	$\mathcal{O}(2; \{2^9, 4, 8^2\})$	491520
16	$\mathcal{O}(2; \{2^6, 4^3, 8^2\})$	1966080

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{2^3, 4^5, 8^2\})$	7864320
16	$\mathcal{O}(2; \{4^7, 8^2\})$	31457280
16	$\mathcal{O}(2; \{2^7, 8^4\})$	3932160
16	$\mathcal{O}(2; \{2^4, 4^2, 8^4\})$	15728640
16	$\mathcal{O}(2; \{2, 4^4, 8^4\})$	62914560
16	$\mathcal{O}(2; \{2^2, 4, 8^6\})$	125829120
16	$\mathcal{O}(2; \{8^8\})$	1006632960
16	$\mathcal{O}(2; \{2^7, 4, 8, 16^2\})$	4194304
16	$\mathcal{O}(2; \{2^4, 4^3, 8, 16^2\})$	16777216
16	$\mathcal{O}(2; \{2, 4^5, 8, 16^2\})$	67108864
16	$\mathcal{O}(2; \{2^5, 8^3, 16^2\})$	33554432
16	$\mathcal{O}(2; \{2^2, 4^2, 8^3, 16^2\})$	134217728
16	$\mathcal{O}(2; \{4, 8^5, 16^2\})$	1073741824
16	$\mathcal{O}(2; \{2^5, 4, 16^4\})$	67108864
16	$\mathcal{O}(2; \{2^2, 4^3, 16^4\})$	268435456
16	$\mathcal{O}(2; \{2^3, 8^2, 16^4\})$	536870912
16	$\mathcal{O}(2; \{4^2, 8^2, 16^4\})$	2147483648
16	$\mathcal{O}(2; \{2, 8, 16^6\})$	8589934592
16	$\mathcal{O}(1; \{2^{18}\})$	192
16	$\mathcal{O}(1; \{2^{15}, 4^2\})$	384
16	$\mathcal{O}(1; \{2^{12}, 4^4\})$	1536
16	$\mathcal{O}(1; \{2^9, 4^6\})$	6144
16	$\mathcal{O}(1; \{2^6, 4^8\})$	24576
16	$\mathcal{O}(1; \{2^3, 4^{10}\})$	98304
16	$\mathcal{O}(1; \{4^{12}\})$	393216
16	$\mathcal{O}(1; \{2^{13}, 4, 8^2\})$	1536
16	$\mathcal{O}(1; \{2^{10}, 4^3, 8^2\})$	6144
16	$\mathcal{O}(1; \{2^7, 4^5, 8^2\})$	24576
16	$\mathcal{O}(1; \{2^4, 4^7, 8^2\})$	98304
16	$\mathcal{O}(1; \{2, 4^9, 8^2\})$	393216
16	$\mathcal{O}(1; \{2^{11}, 8^4\})$	12288
16	$\mathcal{O}(1; \{2^8, 4^2, 8^4\})$	49152
16	$\mathcal{O}(1; \{2^5, 4^4, 8^4\})$	196608
16	$\mathcal{O}(1; \{2^2, 4^6, 8^4\})$	786432
16	$\mathcal{O}(1; \{2^6, 4, 8^6\})$	393216
16	$\mathcal{O}(1; \{2^3, 4^3, 8^6\})$	1572864
16	$\mathcal{O}(1; \{4^5, 8^6\})$	6291456
16	$\mathcal{O}(1; \{2^4, 8^8\})$	3145728
16	$\mathcal{O}(1; \{2, 4^2, 8^8\})$	12582912
16	$\mathcal{O}(1; \{2^{11}, 4, 8, 16^2\})$	16384
16	$\mathcal{O}(1; \{2^8, 4^3, 8, 16^2\})$	65536
16	$\mathcal{O}(1; \{2^5, 4^5, 8, 16^2\})$	262144
16	$\mathcal{O}(1; \{2^2, 4^7, 8, 16^2\})$	1048576

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{2^9, 8^3, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^6, 4^2, 8^3, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^3, 4^4, 8^3, 16^2\})$	2097152
16	$\mathcal{O}(1; \{4^6, 8^3, 16^2\})$	8388608
16	$\mathcal{O}(1; \{2^4, 4, 8^5, 16^2\})$	4194304
16	$\mathcal{O}(1; \{2, 4^3, 8^5, 16^2\})$	16777216
16	$\mathcal{O}(1; \{2^2, 8^7, 16^2\})$	33554432
16	$\mathcal{O}(1; \{2^9, 4, 16^4\})$	262144
16	$\mathcal{O}(1; \{2^6, 4^3, 16^4\})$	1048576
16	$\mathcal{O}(1; \{2^3, 4^5, 16^4\})$	4194304
16	$\mathcal{O}(1; \{4^7, 16^4\})$	16777216
16	$\mathcal{O}(1; \{2^7, 8^2, 16^4\})$	2097152
16	$\mathcal{O}(1; \{2^4, 4^2, 8^2, 16^4\})$	8388608
16	$\mathcal{O}(1; \{2, 4^4, 8^2, 16^4\})$	33554432
16	$\mathcal{O}(1; \{2^2, 4, 8^4, 16^4\})$	67108864
16	$\mathcal{O}(1; \{8^6, 16^4\})$	536870912
16	$\mathcal{O}(1; \{2^5, 8, 16^6\})$	33554432
16	$\mathcal{O}(1; \{2^2, 4^2, 8, 16^6\})$	134217728
16	$\mathcal{O}(1; \{4, 8^3, 16^6\})$	1073741824
16	$\mathcal{O}(1; \{2^3, 16^8\})$	536870912
16	$\mathcal{O}(1; \{4^2, 16^8\})$	2147483648
16	$\mathcal{O}(0; \{2^{15}, 4, 8, 16^2\})$	64
16	$\mathcal{O}(0; \{2^{12}, 4^3, 8, 16^2\})$	256
16	$\mathcal{O}(0; \{2^9, 4^5, 8, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^6, 4^7, 8, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^3, 4^9, 8, 16^2\})$	16384
16	$\mathcal{O}(0; \{4^{11}, 8, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^{13}, 8^3, 16^2\})$	512
16	$\mathcal{O}(0; \{2^{10}, 4^2, 8^3, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^7, 4^4, 8^3, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^4, 4^6, 8^3, 16^2\})$	32768
16	$\mathcal{O}(0; \{2, 4^8, 8^3, 16^2\})$	131072
16	$\mathcal{O}(0; \{2^8, 4, 8^5, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^5, 4^3, 8^5, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^2, 4^5, 8^5, 16^2\})$	262144
16	$\mathcal{O}(0; \{2^6, 8^7, 16^2\})$	131072
16	$\mathcal{O}(0; \{2^3, 4^2, 8^7, 16^2\})$	524288
16	$\mathcal{O}(0; \{4^4, 8^7, 16^2\})$	2097152
16	$\mathcal{O}(0; \{2, 4, 8^9, 16^2\})$	4194304
16	$\mathcal{O}(0; \{2^{13}, 4, 16^4\})$	1024
16	$\mathcal{O}(0; \{2^{10}, 4^3, 16^4\})$	4096
16	$\mathcal{O}(0; \{2^7, 4^5, 16^4\})$	16384
16	$\mathcal{O}(0; \{2^4, 4^7, 16^4\})$	65536

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{2, 4^9, 16^4\})$	262144
16	$\mathcal{O}(0; \{2^{11}, 8^2, 16^4\})$	8192
16	$\mathcal{O}(0; \{2^8, 4^2, 8^2, 16^4\})$	32768
16	$\mathcal{O}(0; \{2^5, 4^4, 8^2, 16^4\})$	131072
16	$\mathcal{O}(0; \{2^2, 4^6, 8^2, 16^4\})$	524288
16	$\mathcal{O}(0; \{2^6, 4, 8^4, 16^4\})$	262144
16	$\mathcal{O}(0; \{2^3, 4^3, 8^4, 16^4\})$	1048576
16	$\mathcal{O}(0; \{4^5, 8^4, 16^4\})$	4194304
16	$\mathcal{O}(0; \{2^4, 8^6, 16^4\})$	2097152
16	$\mathcal{O}(0; \{2, 4^2, 8^6, 16^4\})$	8388608
16	$\mathcal{O}(0; \{2^9, 8, 16^6\})$	131072
16	$\mathcal{O}(0; \{2^6, 4^2, 8, 16^6\})$	524288
16	$\mathcal{O}(0; \{2^3, 4^4, 8, 16^6\})$	2097152
16	$\mathcal{O}(0; \{4^6, 8, 16^6\})$	8388608
16	$\mathcal{O}(0; \{2^4, 4, 8^3, 16^6\})$	4194304
16	$\mathcal{O}(0; \{2, 4^3, 8^3, 16^6\})$	16777216
16	$\mathcal{O}(0; \{2^2, 8^5, 16^6\})$	33554432
16	$\mathcal{O}(0; \{2^7, 16^8\})$	2097152
16	$\mathcal{O}(0; \{2^4, 4^2, 16^8\})$	8388608
16	$\mathcal{O}(0; \{2, 4^4, 16^8\})$	33554432
16	$\mathcal{O}(0; \{2^2, 4, 8^2, 16^8\})$	67108864
16	$\mathcal{O}(0; \{8^4, 16^8\})$	536870912
16	$\mathcal{O}(0; \{4, 8, 16^{10}\})$	1073741824
17	$\mathcal{O}(1; \{17^9\})$	1168231104240
18	$\mathcal{O}(5; \emptyset)$	3566920035096
18	$\mathcal{O}(4; \{2^4\})$	11018280960
18	$\mathcal{O}(4; \{3^3\})$	21950481600
18	$\mathcal{O}(4; \{2, 3, 6\})$	22036561920
18	$\mathcal{O}(3; \{2^8\})$	33965568
18	$\mathcal{O}(3; \{2^4, 3^3\})$	67931136
18	$\mathcal{O}(3; \{3^6\})$	735566832
18	$\mathcal{O}(3; \{2^5, 3, 6\})$	67931136
18	$\mathcal{O}(3; \{2, 3^4, 6\})$	339655680
18	$\mathcal{O}(3; \{2^2, 3^2, 6^2\})$	203793408
18	$\mathcal{O}(3; \{2^3, 6^3\})$	67931136
18	$\mathcal{O}(3; \{3, 6^4\})$	339655680
18	$\mathcal{O}(3; \{3^2, 9^3\})$	2410616376
18	$\mathcal{O}(3; \{2, 6, 9^3\})$	1224440064
18	$\mathcal{O}(3; \{2^3, 3, 9, 18\})$	408146688
18	$\mathcal{O}(3; \{3^2, 6, 9, 18\})$	1632586752
18	$\mathcal{O}(3; \{2, 6^2, 9, 18\})$	816293376
18	$\mathcal{O}(3; \{2, 3, 18^3\})$	1224440064
18	$\mathcal{O}(2; \{2^{12}\})$	103680

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{2^8, 3^3\})$	207360
18	$\mathcal{O}(2; \{2^4, 3^6\})$	2280960
18	$\mathcal{O}(2; \{3^9\})$	16524000
18	$\mathcal{O}(2; \{2^9, 3, 6\})$	207360
18	$\mathcal{O}(2; \{2^5, 3^4, 6\})$	1036800
18	$\mathcal{O}(2; \{2, 3^7, 6\})$	8916480
18	$\mathcal{O}(2; \{2^6, 3^2, 6^2\})$	622080
18	$\mathcal{O}(2; \{2^2, 3^5, 6^2\})$	4354560
18	$\mathcal{O}(2; \{2^7, 6^3\})$	207360
18	$\mathcal{O}(2; \{2^3, 3^3, 6^3\})$	2280960
18	$\mathcal{O}(2; \{2^4, 3, 6^4\})$	1036800
18	$\mathcal{O}(2; \{3^4, 6^4\})$	8916480
18	$\mathcal{O}(2; \{2, 3^2, 6^5\})$	4354560
18	$\mathcal{O}(2; \{2^2, 6^6\})$	2280960
18	$\mathcal{O}(2; \{2^4, 3^2, 9^3\})$	7558272
18	$\mathcal{O}(2; \{3^5, 9^3\})$	56687040
18	$\mathcal{O}(2; \{2^5, 6, 9^3\})$	3779136
18	$\mathcal{O}(2; \{2, 3^3, 6, 9^3\})$	30233088
18	$\mathcal{O}(2; \{2^2, 3, 6^2, 9^3\})$	15116544
18	$\mathcal{O}(2; \{6^4, 9^3\})$	30233088
18	$\mathcal{O}(2; \{3, 9^6\})$	1052253180
18	$\mathcal{O}(2; \{2^7, 3, 9, 18\})$	1259712
18	$\mathcal{O}(2; \{2^3, 3^4, 9, 18\})$	10077696
18	$\mathcal{O}(2; \{2^4, 3^2, 6, 9, 18\})$	5038848
18	$\mathcal{O}(2; \{3^5, 6, 9, 18\})$	40310784
18	$\mathcal{O}(2; \{2^5, 6^2, 9, 18\})$	2519424
18	$\mathcal{O}(2; \{2, 3^3, 6^2, 9, 18\})$	20155392
18	$\mathcal{O}(2; \{2^2, 3, 6^3, 9, 18\})$	10077696
18	$\mathcal{O}(2; \{6^5, 9, 18\})$	20155392
18	$\mathcal{O}(2; \{2^3, 9^4, 18\})$	85030560
18	$\mathcal{O}(2; \{3, 6, 9^4, 18\})$	340122240
18	$\mathcal{O}(2; \{2^2, 3^2, 9^2, 18^2\})$	68024448
18	$\mathcal{O}(2; \{2^3, 6, 9^2, 18^2\})$	34012224
18	$\mathcal{O}(2; \{3, 6^2, 9^2, 18^2\})$	136048896
18	$\mathcal{O}(2; \{2^5, 3, 18^3\})$	3779136
18	$\mathcal{O}(2; \{2, 3^4, 18^3\})$	30233088
18	$\mathcal{O}(2; \{2^2, 3^2, 6, 18^3\})$	15116544
18	$\mathcal{O}(2; \{2^3, 6^2, 18^3\})$	7558272
18	$\mathcal{O}(2; \{3, 6^3, 18^3\})$	30233088
18	$\mathcal{O}(2; \{2, 9^3, 18^3\})$	561201696
18	$\mathcal{O}(2; \{3^2, 9, 18^4\})$	340122240
18	$\mathcal{O}(2; \{2, 6, 9, 18^4\})$	170061120
18	$\mathcal{O}(1; \{2^{16}\})$	288

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^{12}, 3^3\})$	576
18	$\mathcal{O}(1; \{2^8, 3^6\})$	6336
18	$\mathcal{O}(1; \{2^4, 3^9\})$	48960
18	$\mathcal{O}(1; \{3^{12}\})$	295056
18	$\mathcal{O}(1; \{2^{13}, 3, 6\})$	576
18	$\mathcal{O}(1; \{2^9, 3^4, 6\})$	2880
18	$\mathcal{O}(1; \{2^5, 3^7, 6\})$	24768
18	$\mathcal{O}(1; \{2, 3^{10}, 6\})$	196416
18	$\mathcal{O}(1; \{2^{10}, 3^2, 6^2\})$	1728
18	$\mathcal{O}(1; \{2^6, 3^5, 6^2\})$	12096
18	$\mathcal{O}(1; \{2^2, 3^8, 6^2\})$	98496
18	$\mathcal{O}(1; \{2^{11}, 6^3\})$	576
18	$\mathcal{O}(1; \{2^7, 3^3, 6^3\})$	6336
18	$\mathcal{O}(1; \{2^3, 3^6, 6^3\})$	48960
18	$\mathcal{O}(1; \{2^8, 3, 6^4\})$	2880
18	$\mathcal{O}(1; \{2^4, 3^4, 6^4\})$	24768
18	$\mathcal{O}(1; \{3^7, 6^4\})$	196416
18	$\mathcal{O}(1; \{2^5, 3^2, 6^5\})$	12096
18	$\mathcal{O}(1; \{2, 3^5, 6^5\})$	98496
18	$\mathcal{O}(1; \{2^6, 6^6\})$	6336
18	$\mathcal{O}(1; \{2^2, 3^3, 6^6\})$	48960
18	$\mathcal{O}(1; \{2^3, 3, 6^7\})$	24768
18	$\mathcal{O}(1; \{3^2, 6^8\})$	98496
18	$\mathcal{O}(1; \{2, 6^9\})$	48960
18	$\mathcal{O}(1; \{2^8, 3^2, 9^3\})$	23328
18	$\mathcal{O}(1; \{2^4, 3^5, 9^3\})$	186624
18	$\mathcal{O}(1; \{3^8, 9^3\})$	1119744
18	$\mathcal{O}(1; \{2^9, 6, 9^3\})$	11664
18	$\mathcal{O}(1; \{2^5, 3^3, 6, 9^3\})$	93312
18	$\mathcal{O}(1; \{2, 3^6, 6, 9^3\})$	746496
18	$\mathcal{O}(1; \{2^6, 3, 6^2, 9^3\})$	46656
18	$\mathcal{O}(1; \{2^2, 3^4, 6^2, 9^3\})$	373248
18	$\mathcal{O}(1; \{2^3, 3^2, 6^3, 9^3\})$	186624
18	$\mathcal{O}(1; \{2^4, 6^4, 9^3\})$	93312
18	$\mathcal{O}(1; \{3^3, 6^4, 9^3\})$	746496
18	$\mathcal{O}(1; \{2, 3, 6^5, 9^3\})$	373248
18	$\mathcal{O}(1; \{2^4, 3, 9^6\})$	3464208
18	$\mathcal{O}(1; \{3^4, 9^6\})$	20785248
18	$\mathcal{O}(1; \{2, 3^2, 6, 9^6\})$	13856832
18	$\mathcal{O}(1; \{2^2, 6^2, 9^6\})$	6928416
18	$\mathcal{O}(1; \{9^9\})$	271034910
18	$\mathcal{O}(1; \{2^{11}, 3, 9, 18\})$	3888
18	$\mathcal{O}(1; \{2^7, 3^4, 9, 18\})$	31104

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^3, 3^7, 9, 18\})$	248832
18	$\mathcal{O}(1; \{2^8, 3^2, 6, 9, 18\})$	15552
18	$\mathcal{O}(1; \{2^4, 3^5, 6, 9, 18\})$	124416
18	$\mathcal{O}(1; \{3^8, 6, 9, 18\})$	995328
18	$\mathcal{O}(1; \{2^9, 6^2, 9, 18\})$	7776
18	$\mathcal{O}(1; \{2^5, 3^3, 6^2, 9, 18\})$	62208
18	$\mathcal{O}(1; \{2, 3^6, 6^2, 9, 18\})$	497664
18	$\mathcal{O}(1; \{2^6, 3, 6^3, 9, 18\})$	31104
18	$\mathcal{O}(1; \{2^2, 3^4, 6^3, 9, 18\})$	248832
18	$\mathcal{O}(1; \{2^3, 3^2, 6^4, 9, 18\})$	124416
18	$\mathcal{O}(1; \{2^4, 6^5, 9, 18\})$	62208
18	$\mathcal{O}(1; \{3^3, 6^5, 9, 18\})$	497664
18	$\mathcal{O}(1; \{2, 3, 6^6, 9, 18\})$	248832
18	$\mathcal{O}(1; \{2^7, 9^4, 18\})$	262440
18	$\mathcal{O}(1; \{2^3, 3^3, 9^4, 18\})$	2099520
18	$\mathcal{O}(1; \{2^4, 3, 6, 9^4, 18\})$	1049760
18	$\mathcal{O}(1; \{3^4, 6, 9^4, 18\})$	8398080
18	$\mathcal{O}(1; \{2, 3^2, 6^2, 9^4, 18\})$	4199040
18	$\mathcal{O}(1; \{2^2, 6^3, 9^4, 18\})$	2099520
18	$\mathcal{O}(1; \{6, 9^7, 18\})$	121877136
18	$\mathcal{O}(1; \{2^6, 3^2, 9^2, 18^2\})$	209952
18	$\mathcal{O}(1; \{2^2, 3^5, 9^2, 18^2\})$	1679616
18	$\mathcal{O}(1; \{2^7, 6, 9^2, 18^2\})$	104976
18	$\mathcal{O}(1; \{2^3, 3^3, 6, 9^2, 18^2\})$	839808
18	$\mathcal{O}(1; \{2^4, 3, 6^2, 9^2, 18^2\})$	419904
18	$\mathcal{O}(1; \{3^4, 6^2, 9^2, 18^2\})$	3359232
18	$\mathcal{O}(1; \{2, 3^2, 6^3, 9^2, 18^2\})$	1679616
18	$\mathcal{O}(1; \{2^2, 6^4, 9^2, 18^2\})$	839808
18	$\mathcal{O}(1; \{2^2, 3, 9^5, 18^2\})$	19840464
18	$\mathcal{O}(1; \{6^2, 9^5, 18^2\})$	39680928
18	$\mathcal{O}(1; \{2^9, 3, 18^3\})$	11664
18	$\mathcal{O}(1; \{2^5, 3^4, 18^3\})$	93312
18	$\mathcal{O}(1; \{2, 3^7, 18^3\})$	746496
18	$\mathcal{O}(1; \{2^6, 3^2, 6, 18^3\})$	46656
18	$\mathcal{O}(1; \{2^2, 3^5, 6, 18^3\})$	373248
18	$\mathcal{O}(1; \{2^7, 6^2, 18^3\})$	23328
18	$\mathcal{O}(1; \{2^3, 3^3, 6^2, 18^3\})$	186624
18	$\mathcal{O}(1; \{2^4, 3, 6^3, 18^3\})$	93312
18	$\mathcal{O}(1; \{3^4, 6^3, 18^3\})$	746496
18	$\mathcal{O}(1; \{2, 3^2, 6^4, 18^3\})$	373248
18	$\mathcal{O}(1; \{2^2, 6^5, 18^3\})$	186624
18	$\mathcal{O}(1; \{2^5, 9^3, 18^3\})$	1732104
18	$\mathcal{O}(1; \{2, 3^3, 9^3, 18^3\})$	13856832

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^2, 3, 6, 9^3, 18^3\})$	6928416
18	$\mathcal{O}(1; \{6^3, 9^3, 18^3\})$	13856832
18	$\mathcal{O}(1; \{2^4, 3^2, 9, 18^4\})$	1049760
18	$\mathcal{O}(1; \{3^5, 9, 18^4\})$	8398080
18	$\mathcal{O}(1; \{2^5, 6, 9, 18^4\})$	524880
18	$\mathcal{O}(1; \{2, 3^3, 6, 9, 18^4\})$	4199040
18	$\mathcal{O}(1; \{2^2, 3, 6^2, 9, 18^4\})$	2099520
18	$\mathcal{O}(1; \{6^4, 9, 18^4\})$	4199040
18	$\mathcal{O}(1; \{3, 9^4, 18^4\})$	121877136
18	$\mathcal{O}(1; \{2^3, 9^2, 18^5\})$	9920232
18	$\mathcal{O}(1; \{3, 6, 9^2, 18^5\})$	39680928
18	$\mathcal{O}(1; \{2^2, 3^2, 18^6\})$	6928416
18	$\mathcal{O}(1; \{2^3, 6, 18^6\})$	3464208
18	$\mathcal{O}(1; \{3, 6^2, 18^6\})$	13856832
18	$\mathcal{O}(1; \{2, 9, 18^7\})$	60938568
18	$\mathcal{O}(0; \{2^{12}, 3^2, 9^3\})$	72
18	$\mathcal{O}(0; \{2^8, 3^5, 9^3\})$	576
18	$\mathcal{O}(0; \{2^4, 3^8, 9^3\})$	4608
18	$\mathcal{O}(0; \{2^{13}, 6, 9^3\})$	36
18	$\mathcal{O}(0; \{2^9, 3^3, 6, 9^3\})$	288
18	$\mathcal{O}(0; \{2^5, 3^6, 6, 9^3\})$	2304
18	$\mathcal{O}(0; \{2, 3^9, 6, 9^3\})$	18432
18	$\mathcal{O}(0; \{2^{10}, 3, 6^2, 9^3\})$	144
18	$\mathcal{O}(0; \{2^6, 3^4, 6^2, 9^3\})$	1152
18	$\mathcal{O}(0; \{2^2, 3^7, 6^2, 9^3\})$	9216
18	$\mathcal{O}(0; \{2^7, 3^2, 6^3, 9^3\})$	576
18	$\mathcal{O}(0; \{2^3, 3^5, 6^3, 9^3\})$	4608
18	$\mathcal{O}(0; \{2^8, 6^4, 9^3\})$	288
18	$\mathcal{O}(0; \{2^4, 3^3, 6^4, 9^3\})$	2304
18	$\mathcal{O}(0; \{3^6, 6^4, 9^3\})$	18432
18	$\mathcal{O}(0; \{2^5, 3, 6^5, 9^3\})$	1152
18	$\mathcal{O}(0; \{2, 3^4, 6^5, 9^3\})$	9216
18	$\mathcal{O}(0; \{2^2, 3^2, 6^6, 9^3\})$	4608
18	$\mathcal{O}(0; \{2^3, 6^7, 9^3\})$	2304
18	$\mathcal{O}(0; \{3, 6^8, 9^3\})$	9216
18	$\mathcal{O}(0; \{2^8, 3, 9^6\})$	10692
18	$\mathcal{O}(0; \{2^4, 3^4, 9^6\})$	85536
18	$\mathcal{O}(0; \{2^5, 3^2, 6, 9^6\})$	42768
18	$\mathcal{O}(0; \{2, 3^5, 6, 9^6\})$	342144
18	$\mathcal{O}(0; \{2^6, 6^2, 9^6\})$	21384
18	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 9^6\})$	171072
18	$\mathcal{O}(0; \{2^3, 3, 6^3, 9^6\})$	85536
18	$\mathcal{O}(0; \{3^2, 6^4, 9^6\})$	342144

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2, 6^5, 9^6\})$	171072
18	$\mathcal{O}(0; \{2^4, 9^9\})$	1115370
18	$\mathcal{O}(0; \{2, 3, 6, 9^9\})$	4461480
18	$\mathcal{O}(0; \{2^{15}, 3, 9, 18\})$	12
18	$\mathcal{O}(0; \{2^{11}, 3^4, 9, 18\})$	96
18	$\mathcal{O}(0; \{2^7, 3^7, 9, 18\})$	768
18	$\mathcal{O}(0; \{2^3, 3^{10}, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^{12}, 3^2, 6, 9, 18\})$	48
18	$\mathcal{O}(0; \{2^8, 3^5, 6, 9, 18\})$	384
18	$\mathcal{O}(0; \{2^4, 3^8, 6, 9, 18\})$	3072
18	$\mathcal{O}(0; \{3^{11}, 6, 9, 18\})$	24576
18	$\mathcal{O}(0; \{2^{13}, 6^2, 9, 18\})$	24
18	$\mathcal{O}(0; \{2^9, 3^3, 6^2, 9, 18\})$	192
18	$\mathcal{O}(0; \{2^5, 3^6, 6^2, 9, 18\})$	1536
18	$\mathcal{O}(0; \{2, 3^9, 6^2, 9, 18\})$	12288
18	$\mathcal{O}(0; \{2^{10}, 3, 6^3, 9, 18\})$	96
18	$\mathcal{O}(0; \{2^6, 3^4, 6^3, 9, 18\})$	768
18	$\mathcal{O}(0; \{2^2, 3^7, 6^3, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^7, 3^2, 6^4, 9, 18\})$	384
18	$\mathcal{O}(0; \{2^3, 3^5, 6^4, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2^8, 6^5, 9, 18\})$	192
18	$\mathcal{O}(0; \{2^4, 3^3, 6^5, 9, 18\})$	1536
18	$\mathcal{O}(0; \{3^6, 6^5, 9, 18\})$	12288
18	$\mathcal{O}(0; \{2^5, 3, 6^6, 9, 18\})$	768
18	$\mathcal{O}(0; \{2, 3^4, 6^6, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^2, 3^2, 6^7, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2^3, 6^8, 9, 18\})$	1536
18	$\mathcal{O}(0; \{3, 6^9, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^{11}, 9^4, 18\})$	810
18	$\mathcal{O}(0; \{2^7, 3^3, 9^4, 18\})$	6480
18	$\mathcal{O}(0; \{2^3, 3^6, 9^4, 18\})$	51840
18	$\mathcal{O}(0; \{2^8, 3, 6, 9^4, 18\})$	3240
18	$\mathcal{O}(0; \{2^4, 3^4, 6, 9^4, 18\})$	25920
18	$\mathcal{O}(0; \{3^7, 6, 9^4, 18\})$	207360
18	$\mathcal{O}(0; \{2^5, 3^2, 6^2, 9^4, 18\})$	12960
18	$\mathcal{O}(0; \{2, 3^5, 6^2, 9^4, 18\})$	103680
18	$\mathcal{O}(0; \{2^6, 6^3, 9^4, 18\})$	6480
18	$\mathcal{O}(0; \{2^2, 3^3, 6^3, 9^4, 18\})$	51840
18	$\mathcal{O}(0; \{2^3, 3, 6^4, 9^4, 18\})$	25920
18	$\mathcal{O}(0; \{3^2, 6^5, 9^4, 18\})$	103680
18	$\mathcal{O}(0; \{2, 6^6, 9^4, 18\})$	51840
18	$\mathcal{O}(0; \{2^3, 3^2, 9^7, 18\})$	752328
18	$\mathcal{O}(0; \{2^4, 6, 9^7, 18\})$	376164

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{3^3, 6, 9^7, 18\})$	3009312
18	$\mathcal{O}(0; \{2, 3, 6^2, 9^7, 18\})$	1504656
18	$\mathcal{O}(0; \{2^{10}, 3^2, 9^2, 18^2\})$	648
18	$\mathcal{O}(0; \{2^6, 3^5, 9^2, 18^2\})$	5184
18	$\mathcal{O}(0; \{2^2, 3^8, 9^2, 18^2\})$	41472
18	$\mathcal{O}(0; \{2^{11}, 6, 9^2, 18^2\})$	324
18	$\mathcal{O}(0; \{2^7, 3^3, 6, 9^2, 18^2\})$	2592
18	$\mathcal{O}(0; \{2^3, 3^6, 6, 9^2, 18^2\})$	20736
18	$\mathcal{O}(0; \{2^8, 3, 6^2, 9^2, 18^2\})$	1296
18	$\mathcal{O}(0; \{2^4, 3^4, 6^2, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{3^7, 6^2, 9^2, 18^2\})$	82944
18	$\mathcal{O}(0; \{2^5, 3^2, 6^3, 9^2, 18^2\})$	5184
18	$\mathcal{O}(0; \{2, 3^5, 6^3, 9^2, 18^2\})$	41472
18	$\mathcal{O}(0; \{2^6, 6^4, 9^2, 18^2\})$	2592
18	$\mathcal{O}(0; \{2^2, 3^3, 6^4, 9^2, 18^2\})$	20736
18	$\mathcal{O}(0; \{2^3, 3, 6^5, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{3^2, 6^6, 9^2, 18^2\})$	41472
18	$\mathcal{O}(0; \{2, 6^7, 9^2, 18^2\})$	20736
18	$\mathcal{O}(0; \{2^6, 3, 9^5, 18^2\})$	61236
18	$\mathcal{O}(0; \{2^2, 3^4, 9^5, 18^2\})$	489888
18	$\mathcal{O}(0; \{2^3, 3^2, 6, 9^5, 18^2\})$	244944
18	$\mathcal{O}(0; \{2^4, 6^2, 9^5, 18^2\})$	122472
18	$\mathcal{O}(0; \{3^3, 6^2, 9^5, 18^2\})$	979776
18	$\mathcal{O}(0; \{2, 3, 6^3, 9^5, 18^2\})$	489888
18	$\mathcal{O}(0; \{2^2, 9^8, 18^2\})$	6731586
18	$\mathcal{O}(0; \{2^{13}, 3, 18^3\})$	36
18	$\mathcal{O}(0; \{2^9, 3^4, 18^3\})$	288
18	$\mathcal{O}(0; \{2^5, 3^7, 18^3\})$	2304
18	$\mathcal{O}(0; \{2, 3^{10}, 18^3\})$	18432
18	$\mathcal{O}(0; \{2^{10}, 3^2, 6, 18^3\})$	144
18	$\mathcal{O}(0; \{2^6, 3^5, 6, 18^3\})$	1152
18	$\mathcal{O}(0; \{2^2, 3^8, 6, 18^3\})$	9216
18	$\mathcal{O}(0; \{2^{11}, 6^2, 18^3\})$	72
18	$\mathcal{O}(0; \{2^7, 3^3, 6^2, 18^3\})$	576
18	$\mathcal{O}(0; \{2^3, 3^6, 6^2, 18^3\})$	4608
18	$\mathcal{O}(0; \{2^8, 3, 6^3, 18^3\})$	288
18	$\mathcal{O}(0; \{2^4, 3^4, 6^3, 18^3\})$	2304
18	$\mathcal{O}(0; \{3^7, 6^3, 18^3\})$	18432
18	$\mathcal{O}(0; \{2^5, 3^2, 6^4, 18^3\})$	1152
18	$\mathcal{O}(0; \{2, 3^5, 6^4, 18^3\})$	9216
18	$\mathcal{O}(0; \{2^6, 6^5, 18^3\})$	576
18	$\mathcal{O}(0; \{2^2, 3^3, 6^5, 18^3\})$	4608
18	$\mathcal{O}(0; \{2^3, 3, 6^6, 18^3\})$	2304

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{3^2, 6^7, 18^3\})$	9216
18	$\mathcal{O}(0; \{2, 6^8, 18^3\})$	4608
18	$\mathcal{O}(0; \{2^9, 9^3, 18^3\})$	5346
18	$\mathcal{O}(0; \{2^5, 3^3, 9^3, 18^3\})$	42768
18	$\mathcal{O}(0; \{2, 3^6, 9^3, 18^3\})$	342144
18	$\mathcal{O}(0; \{2^6, 3, 6, 9^3, 18^3\})$	21384
18	$\mathcal{O}(0; \{2^2, 3^4, 6, 9^3, 18^3\})$	171072
18	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 9^3, 18^3\})$	85536
18	$\mathcal{O}(0; \{2^4, 6^3, 9^3, 18^3\})$	42768
18	$\mathcal{O}(0; \{3^3, 6^3, 9^3, 18^3\})$	342144
18	$\mathcal{O}(0; \{2, 3, 6^4, 9^3, 18^3\})$	171072
18	$\mathcal{O}(0; \{2, 3^2, 9^6, 18^3\})$	4461480
18	$\mathcal{O}(0; \{2^2, 6, 9^6, 18^3\})$	2230740
18	$\mathcal{O}(0; \{2^8, 3^2, 9, 18^4\})$	3240
18	$\mathcal{O}(0; \{2^4, 3^5, 9, 18^4\})$	25920
18	$\mathcal{O}(0; \{3^8, 9, 18^4\})$	207360
18	$\mathcal{O}(0; \{2^9, 6, 9, 18^4\})$	1620
18	$\mathcal{O}(0; \{2^5, 3^3, 6, 9, 18^4\})$	12960
18	$\mathcal{O}(0; \{2, 3^6, 6, 9, 18^4\})$	103680
18	$\mathcal{O}(0; \{2^6, 3, 6^2, 9, 18^4\})$	6480
18	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 9, 18^4\})$	51840
18	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 9, 18^4\})$	25920
18	$\mathcal{O}(0; \{2^4, 6^4, 9, 18^4\})$	12960
18	$\mathcal{O}(0; \{3^3, 6^4, 9, 18^4\})$	103680
18	$\mathcal{O}(0; \{2, 3, 6^5, 9, 18^4\})$	51840
18	$\mathcal{O}(0; \{2^4, 3, 9^4, 18^4\})$	376164
18	$\mathcal{O}(0; \{3^4, 9^4, 18^4\})$	3009312
18	$\mathcal{O}(0; \{2, 3^2, 6, 9^4, 18^4\})$	1504656
18	$\mathcal{O}(0; \{2^2, 6^2, 9^4, 18^4\})$	752328
18	$\mathcal{O}(0; \{9^7, 18^4\})$	40271418
18	$\mathcal{O}(0; \{2^7, 9^2, 18^5\})$	30618
18	$\mathcal{O}(0; \{2^3, 3^3, 9^2, 18^5\})$	244944
18	$\mathcal{O}(0; \{2^4, 3, 6, 9^2, 18^5\})$	122472
18	$\mathcal{O}(0; \{3^4, 6, 9^2, 18^5\})$	979776
18	$\mathcal{O}(0; \{2, 3^2, 6^2, 9^2, 18^5\})$	489888
18	$\mathcal{O}(0; \{2^2, 6^3, 9^2, 18^5\})$	244944
18	$\mathcal{O}(0; \{6, 9^5, 18^5\})$	13463172
18	$\mathcal{O}(0; \{2^6, 3^2, 18^6\})$	21384
18	$\mathcal{O}(0; \{2^2, 3^5, 18^6\})$	171072
18	$\mathcal{O}(0; \{2^7, 6, 18^6\})$	10692
18	$\mathcal{O}(0; \{2^3, 3^3, 6, 18^6\})$	85536
18	$\mathcal{O}(0; \{2^4, 3, 6^2, 18^6\})$	42768
18	$\mathcal{O}(0; \{3^4, 6^2, 18^6\})$	342144

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2, 3^2, 6^3, 18^6\})$	171072
18	$\mathcal{O}(0; \{2^2, 6^4, 18^6\})$	85536
18	$\mathcal{O}(0; \{2^2, 3, 9^3, 18^6\})$	2230740
18	$\mathcal{O}(0; \{6^2, 9^3, 18^6\})$	4461480
18	$\mathcal{O}(0; \{2^5, 9, 18^7\})$	188082
18	$\mathcal{O}(0; \{2, 3^3, 9, 18^7\})$	1504656
18	$\mathcal{O}(0; \{2^2, 3, 6, 9, 18^7\})$	752328
18	$\mathcal{O}(0; \{6^3, 9, 18^7\})$	1504656
18	$\mathcal{O}(0; \{3, 9^2, 18^8\})$	13463172
18	$\mathcal{O}(0; \{2^3, 18^9\})$	1115370
18	$\mathcal{O}(0; \{3, 6, 18^9\})$	4461480
19	$\mathcal{O}(1; \{19^8\})$	209379251286
20	$\mathcal{O}(3; \{5^4\})$	3276000000
20	$\mathcal{O}(3; \{2^3, 5, 10\})$	252000000
20	$\mathcal{O}(3; \{4^2, 5, 10\})$	512000000
20	$\mathcal{O}(3; \{2, 10^3\})$	756000000
20	$\mathcal{O}(3; \{2, 5, 20^2\})$	1536000000
20	$\mathcal{O}(2; \{2^4, 5^4\})$	7800000
20	$\mathcal{O}(2; \{2, 4^2, 5^4\})$	16640000
20	$\mathcal{O}(2; \{2^7, 5, 10\})$	600000
20	$\mathcal{O}(2; \{2^4, 4^2, 5, 10\})$	1280000
20	$\mathcal{O}(2; \{2, 4^4, 5, 10\})$	5120000
20	$\mathcal{O}(2; \{2^2, 5^3, 10^2\})$	30600000
20	$\mathcal{O}(2; \{2^5, 10^3\})$	1800000
20	$\mathcal{O}(2; \{2^2, 4^2, 10^3\})$	3840000
20	$\mathcal{O}(2; \{5^2, 10^4\})$	123000000
20	$\mathcal{O}(2; \{2^2, 4, 5^2, 10, 20\})$	16640000
20	$\mathcal{O}(2; \{4, 5, 10^3, 20\})$	65280000
20	$\mathcal{O}(2; \{2^5, 5, 20^2\})$	3840000
20	$\mathcal{O}(2; \{2^2, 4^2, 5, 20^2\})$	15360000
20	$\mathcal{O}(2; \{5^3, 10, 20^2\})$	262400000
20	$\mathcal{O}(2; \{2^3, 10^2, 20^2\})$	16640000
20	$\mathcal{O}(2; \{4^2, 10^2, 20^2\})$	66560000
20	$\mathcal{O}(2; \{4, 5^2, 20^3\})$	261120000
20	$\mathcal{O}(2; \{2, 10, 20^4\})$	261120000
20	$\mathcal{O}(1; \{2^8, 5^4\})$	15600
20	$\mathcal{O}(1; \{2^5, 4^2, 5^4\})$	41600
20	$\mathcal{O}(1; \{2^2, 4^4, 5^4\})$	166400
20	$\mathcal{O}(1; \{5^9\})$	15728400
20	$\mathcal{O}(1; \{2^{11}, 5, 10\})$	1200
20	$\mathcal{O}(1; \{2^8, 4^2, 5, 10\})$	3200
20	$\mathcal{O}(1; \{2^5, 4^4, 5, 10\})$	12800
20	$\mathcal{O}(1; \{2^2, 4^6, 5, 10\})$	51200

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{2^3, 5^6, 10\})$	982800
20	$\mathcal{O}(1; \{4^2, 5^6, 10\})$	2620800
20	$\mathcal{O}(1; \{2^6, 5^3, 10^2\})$	61200
20	$\mathcal{O}(1; \{2^3, 4^2, 5^3, 10^2\})$	163200
20	$\mathcal{O}(1; \{4^4, 5^3, 10^2\})$	652800
20	$\mathcal{O}(1; \{2^9, 10^3\})$	3600
20	$\mathcal{O}(1; \{2^6, 4^2, 10^3\})$	9600
20	$\mathcal{O}(1; \{2^3, 4^4, 10^3\})$	38400
20	$\mathcal{O}(1; \{4^6, 10^3\})$	153600
20	$\mathcal{O}(1; \{2, 5^5, 10^3\})$	3932400
20	$\mathcal{O}(1; \{2^4, 5^2, 10^4\})$	246000
20	$\mathcal{O}(1; \{2, 4^2, 5^2, 10^4\})$	656000
20	$\mathcal{O}(1; \{2^2, 5, 10^6\})$	982800
20	$\mathcal{O}(1; \{10^8\})$	3932400
20	$\mathcal{O}(1; \{2^3, 4, 5^5, 20\})$	656000
20	$\mathcal{O}(1; \{4^3, 5^5, 20\})$	2624000
20	$\mathcal{O}(1; \{2^6, 4, 5^2, 10, 20\})$	41600
20	$\mathcal{O}(1; \{2^3, 4^3, 5^2, 10, 20\})$	166400
20	$\mathcal{O}(1; \{4^5, 5^2, 10, 20\})$	665600
20	$\mathcal{O}(1; \{2, 4, 5^4, 10^2, 20\})$	2620800
20	$\mathcal{O}(1; \{2^4, 4, 5, 10^3, 20\})$	163200
20	$\mathcal{O}(1; \{2, 4^3, 5, 10^3, 20\})$	652800
20	$\mathcal{O}(1; \{2^2, 4, 10^5, 20\})$	656000
20	$\mathcal{O}(1; \{2^9, 5, 20^2\})$	9600
20	$\mathcal{O}(1; \{2^6, 4^2, 5, 20^2\})$	38400
20	$\mathcal{O}(1; \{2^3, 4^4, 5, 20^2\})$	153600
20	$\mathcal{O}(1; \{4^6, 5, 20^2\})$	614400
20	$\mathcal{O}(1; \{2, 5^6, 20^2\})$	10486400
20	$\mathcal{O}(1; \{2^4, 5^3, 10, 20^2\})$	656000
20	$\mathcal{O}(1; \{2, 4^2, 5^3, 10, 20^2\})$	2624000
20	$\mathcal{O}(1; \{2^7, 10^2, 20^2\})$	41600
20	$\mathcal{O}(1; \{2^4, 4^2, 10^2, 20^2\})$	166400
20	$\mathcal{O}(1; \{2, 4^4, 10^2, 20^2\})$	665600
20	$\mathcal{O}(1; \{2^2, 5^2, 10^3, 20^2\})$	2620800
20	$\mathcal{O}(1; \{5, 10^5, 20^2\})$	10486400
20	$\mathcal{O}(1; \{2^4, 4, 5^2, 20^3\})$	652800
20	$\mathcal{O}(1; \{2, 4^3, 5^2, 20^3\})$	2611200
20	$\mathcal{O}(1; \{2^2, 4, 5, 10^2, 20^3\})$	2624000
20	$\mathcal{O}(1; \{4, 10^4, 20^3\})$	10483200
20	$\mathcal{O}(1; \{2^2, 5^3, 20^4\})$	10483200
20	$\mathcal{O}(1; \{2^5, 10, 20^4\})$	652800
20	$\mathcal{O}(1; \{2^2, 4^2, 10, 20^4\})$	2611200
20	$\mathcal{O}(1; \{5^2, 10^2, 20^4\})$	41945600

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{4, 5, 10, 20^3\})$	41932800
20	$\mathcal{O}(1; \{2^3, 20^6\})$	10496000
20	$\mathcal{O}(1; \{4^2, 20^6\})$	41984000
20	$\mathcal{O}(0; \{2^9, 4^2, 5^4\})$	104
20	$\mathcal{O}(0; \{2^6, 4^4, 5^4\})$	416
20	$\mathcal{O}(0; \{2^3, 4^6, 5^4\})$	1664
20	$\mathcal{O}(0; \{4^8, 5^4\})$	6656
20	$\mathcal{O}(0; \{2, 4^2, 5^9\})$	104856
20	$\mathcal{O}(0; \{2^{12}, 4^2, 5, 10\})$	8
20	$\mathcal{O}(0; \{2^9, 4^4, 5, 10\})$	32
20	$\mathcal{O}(0; \{2^6, 4^6, 5, 10\})$	128
20	$\mathcal{O}(0; \{2^3, 4^8, 5, 10\})$	512
20	$\mathcal{O}(0; \{4^{10}, 5, 10\})$	2048
20	$\mathcal{O}(0; \{2^4, 4^2, 5^6, 10\})$	6552
20	$\mathcal{O}(0; \{2, 4^4, 5^6, 10\})$	26208
20	$\mathcal{O}(0; \{2^7, 4^2, 5^3, 10^2\})$	408
20	$\mathcal{O}(0; \{2^4, 4^4, 5^3, 10^2\})$	1632
20	$\mathcal{O}(0; \{2, 4^6, 5^3, 10^2\})$	6528
20	$\mathcal{O}(0; \{2^{10}, 4^2, 10^3\})$	24
20	$\mathcal{O}(0; \{2^7, 4^4, 10^3\})$	96
20	$\mathcal{O}(0; \{2^4, 4^6, 10^3\})$	384
20	$\mathcal{O}(0; \{2, 4^8, 10^3\})$	1536
20	$\mathcal{O}(0; \{2^2, 4^2, 5^5, 10^3\})$	26216
20	$\mathcal{O}(0; \{2^5, 4^2, 5^2, 10^4\})$	1640
20	$\mathcal{O}(0; \{2^2, 4^4, 5^2, 10^4\})$	6560
20	$\mathcal{O}(0; \{4^2, 5^4, 10^5\})$	104856
20	$\mathcal{O}(0; \{2^3, 4^2, 5, 10^6\})$	6552
20	$\mathcal{O}(0; \{4^4, 5, 10^6\})$	26208
20	$\mathcal{O}(0; \{2, 4^2, 10^8\})$	26216
20	$\mathcal{O}(0; \{2^7, 4, 5^5, 20\})$	1640
20	$\mathcal{O}(0; \{2^4, 4^3, 5^5, 20\})$	6560
20	$\mathcal{O}(0; \{2, 4^5, 5^5, 20\})$	26240
20	$\mathcal{O}(0; \{2^{10}, 4, 5^2, 10, 20\})$	104
20	$\mathcal{O}(0; \{2^7, 4^3, 5^2, 10, 20\})$	416
20	$\mathcal{O}(0; \{2^4, 4^5, 5^2, 10, 20\})$	1664
20	$\mathcal{O}(0; \{2, 4^7, 5^2, 10, 20\})$	6656
20	$\mathcal{O}(0; \{2^2, 4, 5^7, 10, 20\})$	104856
20	$\mathcal{O}(0; \{2^5, 4, 5^4, 10^2, 20\})$	6552
20	$\mathcal{O}(0; \{2^2, 4^3, 5^4, 10^2, 20\})$	26208
20	$\mathcal{O}(0; \{2^8, 4, 5, 10^3, 20\})$	408
20	$\mathcal{O}(0; \{2^5, 4^3, 5, 10^3, 20\})$	1632
20	$\mathcal{O}(0; \{2^2, 4^5, 5, 10^3, 20\})$	6528
20	$\mathcal{O}(0; \{4, 5^6, 10^3, 20\})$	419432

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^3, 4, 5^3, 10^4, 20\})$	26216
20	$\mathcal{O}(0; \{4^3, 5^3, 10^4, 20\})$	104864
20	$\mathcal{O}(0; \{2^6, 4, 10^5, 20\})$	1640
20	$\mathcal{O}(0; \{2^3, 4^3, 10^5, 20\})$	6560
20	$\mathcal{O}(0; \{4^5, 10^5, 20\})$	26240
20	$\mathcal{O}(0; \{2, 4, 5^2, 10^6, 20\})$	104856
20	$\mathcal{O}(0; \{2^{13}, 5, 20^2\})$	24
20	$\mathcal{O}(0; \{2^{10}, 4^2, 5, 20^2\})$	96
20	$\mathcal{O}(0; \{2^7, 4^4, 5, 20^2\})$	384
20	$\mathcal{O}(0; \{2^4, 4^6, 5, 20^2\})$	1536
20	$\mathcal{O}(0; \{2, 4^8, 5, 20^2\})$	6144
20	$\mathcal{O}(0; \{2^5, 5^6, 20^2\})$	26216
20	$\mathcal{O}(0; \{2^2, 4^2, 5^6, 20^2\})$	104864
20	$\mathcal{O}(0; \{2^8, 5^3, 10, 20^2\})$	1640
20	$\mathcal{O}(0; \{2^5, 4^2, 5^3, 10, 20^2\})$	6560
20	$\mathcal{O}(0; \{2^2, 4^4, 5^3, 10, 20^2\})$	26240
20	$\mathcal{O}(0; \{5^8, 10, 20^2\})$	1677720
20	$\mathcal{O}(0; \{2^{11}, 10^2, 20^2\})$	104
20	$\mathcal{O}(0; \{2^8, 4^2, 10^2, 20^2\})$	416
20	$\mathcal{O}(0; \{2^5, 4^4, 10^2, 20^2\})$	1664
20	$\mathcal{O}(0; \{2^2, 4^6, 10^2, 20^2\})$	6656
20	$\mathcal{O}(0; \{2^3, 5^5, 10^2, 20^2\})$	104856
20	$\mathcal{O}(0; \{4^2, 5^5, 10^2, 20^2\})$	419424
20	$\mathcal{O}(0; \{2^6, 5^2, 10^3, 20^2\})$	6552
20	$\mathcal{O}(0; \{2^3, 4^2, 5^2, 10^3, 20^2\})$	26208
20	$\mathcal{O}(0; \{4^4, 5^2, 10^3, 20^2\})$	104832
20	$\mathcal{O}(0; \{2, 5^4, 10^4, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^4, 5, 10^5, 20^2\})$	26216
20	$\mathcal{O}(0; \{2, 4^2, 5, 10^5, 20^2\})$	104864
20	$\mathcal{O}(0; \{2^2, 10^7, 20^2\})$	104856
20	$\mathcal{O}(0; \{2^8, 4, 5^2, 20^3\})$	1632
20	$\mathcal{O}(0; \{2^5, 4^3, 5^2, 20^3\})$	6528
20	$\mathcal{O}(0; \{2^2, 4^5, 5^2, 20^3\})$	26112
20	$\mathcal{O}(0; \{4, 5^7, 20^3\})$	1677728
20	$\mathcal{O}(0; \{2^3, 4, 5^4, 10, 20^3\})$	104864
20	$\mathcal{O}(0; \{4^3, 5^4, 10, 20^3\})$	419456
20	$\mathcal{O}(0; \{2^6, 4, 5, 10^2, 20^3\})$	6560
20	$\mathcal{O}(0; \{2^3, 4^3, 5, 10^2, 20^3\})$	26240
20	$\mathcal{O}(0; \{4^5, 5, 10^2, 20^3\})$	104960
20	$\mathcal{O}(0; \{2, 4, 5^3, 10^3, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^4, 4, 10^4, 20^3\})$	26208
20	$\mathcal{O}(0; \{2, 4^3, 10^4, 20^3\})$	104832
20	$\mathcal{O}(0; \{2^6, 5^3, 20^4\})$	26208

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^3, 4^2, 5^3, 20^4\})$	104832
20	$\mathcal{O}(0; \{4^4, 5^3, 20^4\})$	419328
20	$\mathcal{O}(0; \{2^9, 10, 20^4\})$	1632
20	$\mathcal{O}(0; \{2^6, 4^2, 10, 20^4\})$	6528
20	$\mathcal{O}(0; \{2^3, 4^4, 10, 20^4\})$	26112
20	$\mathcal{O}(0; \{4^6, 10, 20^4\})$	104448
20	$\mathcal{O}(0; \{2, 5^5, 10, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^4, 5^2, 10^2, 20^4\})$	104864
20	$\mathcal{O}(0; \{2, 4^2, 5^2, 10^2, 20^4\})$	419456
20	$\mathcal{O}(0; \{2^2, 5, 10^4, 20^4\})$	419424
20	$\mathcal{O}(0; \{10^6, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2, 4, 5^4, 20^5\})$	1677696
20	$\mathcal{O}(0; \{2^4, 4, 5, 10, 20^5\})$	104832
20	$\mathcal{O}(0; \{2, 4^3, 5, 10, 20^5\})$	419328
20	$\mathcal{O}(0; \{2^2, 4, 10^3, 20^5\})$	419456
20	$\mathcal{O}(0; \{2^7, 20^6\})$	26240
20	$\mathcal{O}(0; \{2^4, 4^2, 20^6\})$	104960
20	$\mathcal{O}(0; \{2, 4^4, 20^6\})$	419840
20	$\mathcal{O}(0; \{2^2, 5^2, 10, 20^6\})$	1677696
20	$\mathcal{O}(0; \{5, 10^3, 20^6\})$	6710912
20	$\mathcal{O}(0; \{2^2, 4, 5, 20^7\})$	1677824
20	$\mathcal{O}(0; \{4, 10^2, 20^7\})$	6710784
20	$\mathcal{O}(0; \{5^2, 20^8\})$	26843648
21	$\mathcal{O}(3; \{21^3\})$	5145967260
21	$\mathcal{O}(2; \{3^2, 7^3, 21\})$	72346932
21	$\mathcal{O}(2; \{3^3, 21^3\})$	128357460
21	$\mathcal{O}(1; \{7^8\})$	94058832
21	$\mathcal{O}(1; \{3^5, 7^3, 21\})$	1804572
21	$\mathcal{O}(1; \{3, 7^5, 21^2\})$	35271180
21	$\mathcal{O}(1; \{3^6, 21^3\})$	2249100
21	$\mathcal{O}(1; \{3^2, 7^2, 21^4\})$	64673532
21	$\mathcal{O}(0; \{3^3, 7^8\})$	479892
21	$\mathcal{O}(0; \{3^8, 7^3, 21\})$	31620
21	$\mathcal{O}(0; \{3^4, 7^5, 21^2\})$	879780
21	$\mathcal{O}(0; \{3^9, 21^3\})$	40980
21	$\mathcal{O}(0; \{7^7, 21^3\})$	17276052
21	$\mathcal{O}(0; \{3^5, 7^2, 21^4\})$	1133220
21	$\mathcal{O}(0; \{3, 7^4, 21^5\})$	31672740
21	$\mathcal{O}(0; \{3^2, 7, 21^7\})$	40790820
22	$\mathcal{O}(2; \{11^5\})$	1996300350
22	$\mathcal{O}(1; \{2^4, 11^5\})$	4399560
22	$\mathcal{O}(1; \{2^2, 11^4, 22^2\})$	4400440
22	$\mathcal{O}(1; \{11^3, 22^4\})$	439999560

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
22	$\mathcal{O}(0; \{2^8, 11^5\})$	9090
22	$\mathcal{O}(0; \{2^6, 11^4, 22^2\})$	90910
22	$\mathcal{O}(0; \{2^4, 11^3, 22^4\})$	909090
22	$\mathcal{O}(0; \{2^2, 11^2, 22^6\})$	9090910
22	$\mathcal{O}(0; \{11, 22^8\})$	90909090
24	$\mathcal{O}(4; \emptyset)$	109628620800
24	$\mathcal{O}(3; \{2^4\})$	187858944
24	$\mathcal{O}(3; \{3^3\})$	376233984
24	$\mathcal{O}(3; \{2, 4^2\})$	375717888
24	$\mathcal{O}(3; \{2, 3, 6\})$	376233984
24	$\mathcal{O}(2; \{2^8\})$	307200
24	$\mathcal{O}(2; \{2^4, 3^3\})$	622080
24	$\mathcal{O}(2; \{3^6\})$	6842880
24	$\mathcal{O}(2; \{2^5, 4^2\})$	614400
24	$\mathcal{O}(2; \{2, 3^3, 4^2\})$	1244160
24	$\mathcal{O}(2; \{2^2, 4^4\})$	2457600
24	$\mathcal{O}(2; \{2^5, 3, 6\})$	622080
24	$\mathcal{O}(2; \{2, 3^4, 6\})$	3110400
24	$\mathcal{O}(2; \{2^2, 3, 4^2, 6\})$	1244160
24	$\mathcal{O}(2; \{2^2, 3^2, 6^2\})$	1866240
24	$\mathcal{O}(2; \{2^3, 6^3\})$	622080
24	$\mathcal{O}(2; \{4^2, 6^3\})$	1244160
24	$\mathcal{O}(2; \{3, 6^4\})$	3110400
24	$\mathcal{O}(2; \{2^3, 4, 8^2\})$	2621440
24	$\mathcal{O}(2; \{4^3, 8^2\})$	10485760
24	$\mathcal{O}(2; \{3, 4, 6, 8^2\})$	5308416
24	$\mathcal{O}(2; \{2, 8^4\})$	20971520
24	$\mathcal{O}(2; \{2^2, 3^2, 4, 12\})$	1244160
24	$\mathcal{O}(2; \{2^3, 4, 6, 12\})$	1244160
24	$\mathcal{O}(2; \{4^3, 6, 12\})$	4976640
24	$\mathcal{O}(2; \{3, 4, 6^2, 12\})$	3732480
24	$\mathcal{O}(2; \{3^2, 8^2, 12\})$	5308416
24	$\mathcal{O}(2; \{2, 6, 8^2, 12\})$	5308416
24	$\mathcal{O}(2; \{2^3, 3, 12^2\})$	1244160
24	$\mathcal{O}(2; \{3, 4^2, 12^2\})$	4976640
24	$\mathcal{O}(2; \{3^2, 6, 12^2\})$	6220800
24	$\mathcal{O}(2; \{2, 6^2, 12^2\})$	3732480
24	$\mathcal{O}(2; \{2, 4, 12^3\})$	4976640
24	$\mathcal{O}(2; \{2^3, 3, 8, 24\})$	2654208
24	$\mathcal{O}(2; \{3, 4^2, 8, 24\})$	10616832
24	$\mathcal{O}(2; \{3^2, 6, 8, 24\})$	7962624
24	$\mathcal{O}(2; \{2, 6^2, 8, 24\})$	2654208
24	$\mathcal{O}(2; \{2, 4, 8, 12, 24\})$	10616832

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{3^2, 4, 24^2\})$	15925248
24	$\mathcal{O}(2; \{2, 4, 6, 24^2\})$	5308416
24	$\mathcal{O}(2; \{2, 3, 12, 24^2\})$	15925248
24	$\mathcal{O}(1; \{2^{12}\})$	384
24	$\mathcal{O}(1; \{2^8, 3^3\})$	864
24	$\mathcal{O}(1; \{2^4, 3^6\})$	9504
24	$\mathcal{O}(1; \{3^9\})$	73440
24	$\mathcal{O}(1; \{2^9, 4^2\})$	768
24	$\mathcal{O}(1; \{2^5, 3^3, 4^2\})$	1728
24	$\mathcal{O}(1; \{2, 3^6, 4^2\})$	19008
24	$\mathcal{O}(1; \{2^6, 4^4\})$	3072
24	$\mathcal{O}(1; \{2^2, 3^3, 4^4\})$	6912
24	$\mathcal{O}(1; \{2^3, 4^6\})$	12288
24	$\mathcal{O}(1; \{4^8\})$	49152
24	$\mathcal{O}(1; \{2^9, 3, 6\})$	864
24	$\mathcal{O}(1; \{2^5, 3^4, 6\})$	4320
24	$\mathcal{O}(1; \{2, 3^7, 6\})$	37152
24	$\mathcal{O}(1; \{2^6, 3, 4^2, 6\})$	1728
24	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 6\})$	8640
24	$\mathcal{O}(1; \{2^3, 3, 4^4, 6\})$	6912
24	$\mathcal{O}(1; \{3, 4^6, 6\})$	27648
24	$\mathcal{O}(1; \{2^6, 3^2, 6^2\})$	2592
24	$\mathcal{O}(1; \{2^2, 3^5, 6^2\})$	18144
24	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6^2\})$	5184
24	$\mathcal{O}(1; \{3^2, 4^4, 6^2\})$	20736
24	$\mathcal{O}(1; \{2^7, 6^3\})$	864
24	$\mathcal{O}(1; \{2^3, 3^3, 6^3\})$	9504
24	$\mathcal{O}(1; \{2^4, 4^2, 6^3\})$	1728
24	$\mathcal{O}(1; \{3^3, 4^2, 6^3\})$	19008
24	$\mathcal{O}(1; \{2, 4^4, 6^3\})$	6912
24	$\mathcal{O}(1; \{2^4, 3, 6^4\})$	4320
24	$\mathcal{O}(1; \{3^4, 6^4\})$	37152
24	$\mathcal{O}(1; \{2, 3, 4^2, 6^4\})$	8640
24	$\mathcal{O}(1; \{2, 3^2, 6^5\})$	18144
24	$\mathcal{O}(1; \{2^2, 6^6\})$	9504
24	$\mathcal{O}(1; \{2^7, 4, 8^2\})$	4096
24	$\mathcal{O}(1; \{2^3, 3^3, 4, 8^2\})$	9216
24	$\mathcal{O}(1; \{2^4, 4^3, 8^2\})$	16384
24	$\mathcal{O}(1; \{3^3, 4^3, 8^2\})$	36864
24	$\mathcal{O}(1; \{2, 4^5, 8^2\})$	65536
24	$\mathcal{O}(1; \{2^4, 3, 4, 6, 8^2\})$	9216
24	$\mathcal{O}(1; \{3^4, 4, 6, 8^2\})$	46080
24	$\mathcal{O}(1; \{2, 3, 4^3, 6, 8^2\})$	36864

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2, 3^2, 4, 6^2, 8^2\})$	27648
24	$\mathcal{O}(1; \{2^2, 4, 6^3, 8^2\})$	9216
24	$\mathcal{O}(1; \{2^5, 8^4\})$	32768
24	$\mathcal{O}(1; \{2, 3^3, 8^4\})$	73728
24	$\mathcal{O}(1; \{2^2, 4^2, 8^4\})$	131072
24	$\mathcal{O}(1; \{2^2, 3, 6, 8^4\})$	73728
24	$\mathcal{O}(1; \{6^3, 8^4\})$	73728
24	$\mathcal{O}(1; \{4, 8^6\})$	1048576
24	$\mathcal{O}(1; \{2^6, 3^2, 4, 12\})$	1728
24	$\mathcal{O}(1; \{2^2, 3^5, 4, 12\})$	19008
24	$\mathcal{O}(1; \{2^3, 3^2, 4^3, 12\})$	6912
24	$\mathcal{O}(1; \{3^2, 4^5, 12\})$	27648
24	$\mathcal{O}(1; \{2^7, 4, 6, 12\})$	1728
24	$\mathcal{O}(1; \{2^3, 3^3, 4, 6, 12\})$	8640
24	$\mathcal{O}(1; \{2^4, 4^3, 6, 12\})$	6912
24	$\mathcal{O}(1; \{3^3, 4^3, 6, 12\})$	34560
24	$\mathcal{O}(1; \{2, 4^5, 6, 12\})$	27648
24	$\mathcal{O}(1; \{2^4, 3, 4, 6^2, 12\})$	5184
24	$\mathcal{O}(1; \{3^4, 4, 6^2, 12\})$	36288
24	$\mathcal{O}(1; \{2, 3, 4^3, 6^2, 12\})$	20736
24	$\mathcal{O}(1; \{2, 3^2, 4, 6^3, 12\})$	19008
24	$\mathcal{O}(1; \{2^2, 4, 6^4, 12\})$	8640
24	$\mathcal{O}(1; \{2^4, 3^2, 8^2, 12\})$	9216
24	$\mathcal{O}(1; \{3^5, 8^2, 12\})$	101376
24	$\mathcal{O}(1; \{2, 3^2, 4^2, 8^2, 12\})$	36864
24	$\mathcal{O}(1; \{2^5, 6, 8^2, 12\})$	9216
24	$\mathcal{O}(1; \{2, 3^3, 6, 8^2, 12\})$	46080
24	$\mathcal{O}(1; \{2^2, 4^2, 6, 8^2, 12\})$	36864
24	$\mathcal{O}(1; \{2^2, 3, 6^2, 8^2, 12\})$	27648
24	$\mathcal{O}(1; \{6^4, 8^2, 12\})$	46080
24	$\mathcal{O}(1; \{4, 6, 8^4, 12\})$	294912
24	$\mathcal{O}(1; \{2^7, 3, 12^2\})$	1728
24	$\mathcal{O}(1; \{2^3, 3^4, 12^2\})$	19008
24	$\mathcal{O}(1; \{2^4, 3, 4^2, 12^2\})$	6912
24	$\mathcal{O}(1; \{3^4, 4^2, 12^2\})$	76032
24	$\mathcal{O}(1; \{2, 3, 4^4, 12^2\})$	27648
24	$\mathcal{O}(1; \{2^4, 3^2, 6, 12^2\})$	8640
24	$\mathcal{O}(1; \{3^5, 6, 12^2\})$	74304
24	$\mathcal{O}(1; \{2, 3^2, 4^2, 6, 12^2\})$	34560
24	$\mathcal{O}(1; \{2^5, 6^2, 12^2\})$	5184
24	$\mathcal{O}(1; \{2, 3^3, 6^2, 12^2\})$	36288
24	$\mathcal{O}(1; \{2^2, 4^2, 6^2, 12^2\})$	20736
24	$\mathcal{O}(1; \{2^2, 3, 6^3, 12^2\})$	19008

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{6^5, 12^2\})$	36288
24	$\mathcal{O}(1; \{2^2, 3, 4, 8^2, 12^2\})$	36864
24	$\mathcal{O}(1; \{4, 6^2, 8^2, 12^2\})$	110592
24	$\mathcal{O}(1; \{3, 8^4, 12^2\})$	294912
24	$\mathcal{O}(1; \{2^5, 4, 12^3\})$	6912
24	$\mathcal{O}(1; \{2, 3^3, 4, 12^3\})$	76032
24	$\mathcal{O}(1; \{2^2, 4^3, 12^3\})$	27648
24	$\mathcal{O}(1; \{2^2, 3, 4, 6, 12^3\})$	34560
24	$\mathcal{O}(1; \{4, 6^3, 12^3\})$	76032
24	$\mathcal{O}(1; \{2^3, 8^2, 12^3\})$	36864
24	$\mathcal{O}(1; \{4^2, 8^2, 12^3\})$	147456
24	$\mathcal{O}(1; \{3, 6, 8^2, 12^3\})$	184320
24	$\mathcal{O}(1; \{2^2, 3^2, 12^4\})$	76032
24	$\mathcal{O}(1; \{2^3, 6, 12^4\})$	34560
24	$\mathcal{O}(1; \{4^2, 6, 12^4\})$	138240
24	$\mathcal{O}(1; \{3, 6^2, 12^4\})$	145152
24	$\mathcal{O}(1; \{3, 4, 12^5\})$	304128
24	$\mathcal{O}(1; \{2, 12^6\})$	304128
24	$\mathcal{O}(1; \{2^7, 3, 8, 24\})$	4608
24	$\mathcal{O}(1; \{2^3, 3^4, 8, 24\})$	23040
24	$\mathcal{O}(1; \{2^4, 3, 4^2, 8, 24\})$	18432
24	$\mathcal{O}(1; \{3^4, 4^2, 8, 24\})$	92160
24	$\mathcal{O}(1; \{2, 3, 4^4, 8, 24\})$	73728
24	$\mathcal{O}(1; \{2^4, 3^2, 6, 8, 24\})$	13824
24	$\mathcal{O}(1; \{3^5, 6, 8, 24\})$	96768
24	$\mathcal{O}(1; \{2, 3^2, 4^2, 6, 8, 24\})$	55296
24	$\mathcal{O}(1; \{2^5, 6^2, 8, 24\})$	4608
24	$\mathcal{O}(1; \{2, 3^3, 6^2, 8, 24\})$	50688
24	$\mathcal{O}(1; \{2^2, 4^2, 6^2, 8, 24\})$	18432
24	$\mathcal{O}(1; \{2^2, 3, 6^3, 8, 24\})$	23040
24	$\mathcal{O}(1; \{6^5, 8, 24\})$	50688
24	$\mathcal{O}(1; \{2^2, 3, 4, 8^3, 24\})$	147456
24	$\mathcal{O}(1; \{4, 6^2, 8^3, 24\})$	147456
24	$\mathcal{O}(1; \{3, 8^5, 24\})$	1179648
24	$\mathcal{O}(1; \{2^5, 4, 8, 12, 24\})$	18432
24	$\mathcal{O}(1; \{2, 3^3, 4, 8, 12, 24\})$	92160
24	$\mathcal{O}(1; \{2^2, 4^3, 8, 12, 24\})$	73728
24	$\mathcal{O}(1; \{2^2, 3, 4, 6, 8, 12, 24\})$	55296
24	$\mathcal{O}(1; \{4, 6^3, 8, 12, 24\})$	92160
24	$\mathcal{O}(1; \{2^3, 8^3, 12, 24\})$	147456
24	$\mathcal{O}(1; \{4^2, 8^3, 12, 24\})$	589824
24	$\mathcal{O}(1; \{3, 6, 8^3, 12, 24\})$	442368
24	$\mathcal{O}(1; \{2^2, 3^2, 8, 12^2, 24\})$	92160

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^3, 6, 8, 12^2, 24\})$	55296
24	$\mathcal{O}(1; \{4^2, 6, 8, 12^2, 24\})$	221184
24	$\mathcal{O}(1; \{3, 6^2, 8, 12^2, 24\})$	202752
24	$\mathcal{O}(1; \{3, 4, 8, 12^3, 24\})$	368640
24	$\mathcal{O}(1; \{2, 8, 12^4, 24\})$	368640
24	$\mathcal{O}(1; \{2^4, 3^2, 4, 24^2\})$	27648
24	$\mathcal{O}(1; \{3^5, 4, 24^2\})$	193536
24	$\mathcal{O}(1; \{2, 3^2, 4^3, 24^2\})$	110592
24	$\mathcal{O}(1; \{2^5, 4, 6, 24^2\})$	9216
24	$\mathcal{O}(1; \{2, 3^3, 4, 6, 24^2\})$	101376
24	$\mathcal{O}(1; \{2^2, 4^3, 6, 24^2\})$	36864
24	$\mathcal{O}(1; \{2^2, 3, 4, 6^2, 24^2\})$	46080
24	$\mathcal{O}(1; \{4, 6^4, 24^2\})$	101376
24	$\mathcal{O}(1; \{2^2, 3^2, 8^2, 24^2\})$	221184
24	$\mathcal{O}(1; \{2^3, 6, 8^2, 24^2\})$	73728
24	$\mathcal{O}(1; \{4^2, 6, 8^2, 24^2\})$	294912
24	$\mathcal{O}(1; \{3, 6^2, 8^2, 24^2\})$	368640
24	$\mathcal{O}(1; \{2^5, 3, 12, 24^2\})$	27648
24	$\mathcal{O}(1; \{2, 3^4, 12, 24^2\})$	193536
24	$\mathcal{O}(1; \{2^2, 3, 4^2, 12, 24^2\})$	110592
24	$\mathcal{O}(1; \{2^2, 3^2, 6, 12, 24^2\})$	101376
24	$\mathcal{O}(1; \{2^3, 6^2, 12, 24^2\})$	46080
24	$\mathcal{O}(1; \{4^2, 6^2, 12, 24^2\})$	184320
24	$\mathcal{O}(1; \{3, 6^3, 12, 24^2\})$	193536
24	$\mathcal{O}(1; \{3, 4, 8^2, 12, 24^2\})$	884736
24	$\mathcal{O}(1; \{2^3, 4, 12^2, 24^2\})$	110592
24	$\mathcal{O}(1; \{4^3, 12^2, 24^2\})$	442368
24	$\mathcal{O}(1; \{3, 4, 6, 12^2, 24^2\})$	405504
24	$\mathcal{O}(1; \{2, 8^2, 12^2, 24^2\})$	884736
24	$\mathcal{O}(1; \{3^2, 12^3, 24^2\})$	774144
24	$\mathcal{O}(1; \{2, 6, 12^3, 24^2\})$	405504
24	$\mathcal{O}(1; \{2^3, 4, 8, 24^3\})$	147456
24	$\mathcal{O}(1; \{4^3, 8, 24^3\})$	589824
24	$\mathcal{O}(1; \{3, 4, 6, 8, 24^3\})$	737280
24	$\mathcal{O}(1; \{2, 8^3, 24^3\})$	1179648
24	$\mathcal{O}(1; \{3^2, 8, 12, 24^3\})$	1622016
24	$\mathcal{O}(1; \{2, 6, 8, 12, 24^3\})$	737280
24	$\mathcal{O}(1; \{2^3, 3, 24^4\})$	368640
24	$\mathcal{O}(1; \{3, 4^2, 24^4\})$	1474560
24	$\mathcal{O}(1; \{3^2, 6, 24^4\})$	1548288
24	$\mathcal{O}(1; \{2, 6^2, 24^4\})$	811008
24	$\mathcal{O}(1; \{2, 4, 12, 24^4\})$	1474560
24	$\mathcal{O}(0; \{2^7, 3^3, 4, 8^2\})$	16

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^3, 3^6, 4, 8^2\})$	176
24	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 8^2\})$	64
24	$\mathcal{O}(0; \{3^6, 4^3, 8^2\})$	704
24	$\mathcal{O}(0; \{2, 3^3, 4^5, 8^2\})$	256
24	$\mathcal{O}(0; \{2^8, 3, 4, 6, 8^2\})$	16
24	$\mathcal{O}(0; \{2^4, 3^4, 4, 6, 8^2\})$	80
24	$\mathcal{O}(0; \{3^7, 4, 6, 8^2\})$	688
24	$\mathcal{O}(0; \{2^5, 3, 4^3, 6, 8^2\})$	64
24	$\mathcal{O}(0; \{2, 3^4, 4^3, 6, 8^2\})$	320
24	$\mathcal{O}(0; \{2^2, 3, 4^5, 6, 8^2\})$	256
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^2, 8^2\})$	48
24	$\mathcal{O}(0; \{2, 3^5, 4, 6^2, 8^2\})$	336
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^2, 8^2\})$	192
24	$\mathcal{O}(0; \{2^6, 4, 6^3, 8^2\})$	16
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^3, 8^2\})$	176
24	$\mathcal{O}(0; \{2^3, 4^3, 6^3, 8^2\})$	64
24	$\mathcal{O}(0; \{4^5, 6^3, 8^2\})$	256
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^4, 8^2\})$	80
24	$\mathcal{O}(0; \{3, 4^3, 6^4, 8^2\})$	320
24	$\mathcal{O}(0; \{3^2, 4, 6^5, 8^2\})$	336
24	$\mathcal{O}(0; \{2, 4, 6^6, 8^2\})$	176
24	$\mathcal{O}(0; \{2^5, 3^3, 8^4\})$	128
24	$\mathcal{O}(0; \{2, 3^6, 8^4\})$	1408
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 8^4\})$	512
24	$\mathcal{O}(0; \{2^6, 3, 6, 8^4\})$	128
24	$\mathcal{O}(0; \{2^2, 3^4, 6, 8^4\})$	640
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6, 8^4\})$	512
24	$\mathcal{O}(0; \{3, 4^4, 6, 8^4\})$	2048
24	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 8^4\})$	384
24	$\mathcal{O}(0; \{3^2, 4^2, 6^2, 8^4\})$	1536
24	$\mathcal{O}(0; \{2^4, 6^3, 8^4\})$	128
24	$\mathcal{O}(0; \{3^3, 6^3, 8^4\})$	1408
24	$\mathcal{O}(0; \{2, 4^2, 6^3, 8^4\})$	512
24	$\mathcal{O}(0; \{2, 3, 6^4, 8^4\})$	640
24	$\mathcal{O}(0; \{3^3, 4, 8^6\})$	4096
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8^6\})$	4096
24	$\mathcal{O}(0; \{2^8, 3^2, 8^2, 12\})$	16
24	$\mathcal{O}(0; \{2^4, 3^5, 8^2, 12\})$	176
24	$\mathcal{O}(0; \{3^8, 8^2, 12\})$	1360
24	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 8^2, 12\})$	64
24	$\mathcal{O}(0; \{2, 3^5, 4^2, 8^2, 12\})$	704
24	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 8^2, 12\})$	256
24	$\mathcal{O}(0; \{2^9, 6, 8^2, 12\})$	16

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^5, 3^3, 6, 8^2, 12\})$	80
24	$\mathcal{O}(0; \{2, 3^6, 6, 8^2, 12\})$	688
24	$\mathcal{O}(0; \{2^6, 4^2, 6, 8^2, 12\})$	64
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6, 8^2, 12\})$	320
24	$\mathcal{O}(0; \{2^3, 4^4, 6, 8^2, 12\})$	256
24	$\mathcal{O}(0; \{4^6, 6, 8^2, 12\})$	1024
24	$\mathcal{O}(0; \{2^6, 3, 6^2, 8^2, 12\})$	48
24	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^2, 8^2, 12\})$	192
24	$\mathcal{O}(0; \{3, 4^4, 6^2, 8^2, 12\})$	768
24	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 8^2, 12\})$	176
24	$\mathcal{O}(0; \{3^2, 4^2, 6^3, 8^2, 12\})$	704
24	$\mathcal{O}(0; \{2^4, 6^4, 8^2, 12\})$	80
24	$\mathcal{O}(0; \{3^3, 6^4, 8^2, 12\})$	688
24	$\mathcal{O}(0; \{2, 4^2, 6^4, 8^2, 12\})$	320
24	$\mathcal{O}(0; \{2, 3, 6^5, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 8^4, 12\})$	512
24	$\mathcal{O}(0; \{3^2, 4^3, 8^4, 12\})$	2048
24	$\mathcal{O}(0; \{2^4, 4, 6, 8^4, 12\})$	512
24	$\mathcal{O}(0; \{3^3, 4, 6, 8^4, 12\})$	2560
24	$\mathcal{O}(0; \{2, 4^3, 6, 8^4, 12\})$	2048
24	$\mathcal{O}(0; \{2, 3, 4, 6^2, 8^4, 12\})$	1536
24	$\mathcal{O}(0; \{2, 3^2, 8^6, 12\})$	4096
24	$\mathcal{O}(0; \{2^2, 6, 8^6, 12\})$	4096
24	$\mathcal{O}(0; \{2^6, 3, 4, 8^2, 12^2\})$	64
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 8^2, 12^2\})$	704
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 8^2, 12^2\})$	256
24	$\mathcal{O}(0; \{3, 4^5, 8^2, 12^2\})$	1024
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6, 8^2, 12^2\})$	320
24	$\mathcal{O}(0; \{3^2, 4^3, 6, 8^2, 12^2\})$	1280
24	$\mathcal{O}(0; \{2^4, 4, 6^2, 8^2, 12^2\})$	192
24	$\mathcal{O}(0; \{3^3, 4, 6^2, 8^2, 12^2\})$	1344
24	$\mathcal{O}(0; \{2, 4^3, 6^2, 8^2, 12^2\})$	768
24	$\mathcal{O}(0; \{2, 3, 4, 6^3, 8^2, 12^2\})$	704
24	$\mathcal{O}(0; \{2^4, 3, 8^4, 12^2\})$	512
24	$\mathcal{O}(0; \{3^4, 8^4, 12^2\})$	5632
24	$\mathcal{O}(0; \{2, 3, 4^2, 8^4, 12^2\})$	2048
24	$\mathcal{O}(0; \{2, 3^2, 6, 8^4, 12^2\})$	2560
24	$\mathcal{O}(0; \{2^2, 6^2, 8^4, 12^2\})$	1536
24	$\mathcal{O}(0; \{2^7, 8^2, 12^3\})$	64
24	$\mathcal{O}(0; \{2^3, 3^3, 8^2, 12^3\})$	704
24	$\mathcal{O}(0; \{2^4, 4^2, 8^2, 12^3\})$	256
24	$\mathcal{O}(0; \{3^3, 4^2, 8^2, 12^3\})$	2816

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 4^4, 8^2, 12^3\})$	1024
24	$\mathcal{O}(0; \{2^4, 3, 6, 8^2, 12^3\})$	320
24	$\mathcal{O}(0; \{3^4, 6, 8^2, 12^3\})$	2752
24	$\mathcal{O}(0; \{2, 3, 4^2, 6, 8^2, 12^3\})$	1280
24	$\mathcal{O}(0; \{2, 3^2, 6^2, 8^2, 12^3\})$	1344
24	$\mathcal{O}(0; \{2^2, 6^3, 8^2, 12^3\})$	704
24	$\mathcal{O}(0; \{2^2, 4, 8^4, 12^3\})$	2048
24	$\mathcal{O}(0; \{8^6, 12^3\})$	16384
24	$\mathcal{O}(0; \{2, 3^2, 4, 8^2, 12^4\})$	2816
24	$\mathcal{O}(0; \{2^2, 4, 6, 8^2, 12^4\})$	1280
24	$\mathcal{O}(0; \{6, 8^4, 12^4\})$	10240
24	$\mathcal{O}(0; \{2^2, 3, 8^2, 12^5\})$	2816
24	$\mathcal{O}(0; \{6^2, 8^2, 12^5\})$	5376
24	$\mathcal{O}(0; \{4, 8^2, 12^6\})$	11264
24	$\mathcal{O}(0; \{2^{11}, 3, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^7, 3^4, 8, 24\})$	40
24	$\mathcal{O}(0; \{2^3, 3^7, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^8, 3, 4^2, 8, 24\})$	32
24	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 8, 24\})$	160
24	$\mathcal{O}(0; \{3^7, 4^2, 8, 24\})$	1376
24	$\mathcal{O}(0; \{2^5, 3, 4^4, 8, 24\})$	128
24	$\mathcal{O}(0; \{2, 3^4, 4^4, 8, 24\})$	640
24	$\mathcal{O}(0; \{2^2, 3, 4^6, 8, 24\})$	512
24	$\mathcal{O}(0; \{2^8, 3^2, 6, 8, 24\})$	24
24	$\mathcal{O}(0; \{2^4, 3^5, 6, 8, 24\})$	168
24	$\mathcal{O}(0; \{3^8, 6, 8, 24\})$	1368
24	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6, 8, 24\})$	96
24	$\mathcal{O}(0; \{2, 3^5, 4^2, 6, 8, 24\})$	672
24	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6, 8, 24\})$	384
24	$\mathcal{O}(0; \{2^9, 6^2, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^5, 3^3, 6^2, 8, 24\})$	88
24	$\mathcal{O}(0; \{2, 3^6, 6^2, 8, 24\})$	680
24	$\mathcal{O}(0; \{2^6, 4^2, 6^2, 8, 24\})$	32
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^2, 8, 24\})$	352
24	$\mathcal{O}(0; \{2^3, 4^4, 6^2, 8, 24\})$	128
24	$\mathcal{O}(0; \{4^6, 6^2, 8, 24\})$	512
24	$\mathcal{O}(0; \{2^6, 3, 6^3, 8, 24\})$	40
24	$\mathcal{O}(0; \{2^2, 3^4, 6^3, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^3, 8, 24\})$	160
24	$\mathcal{O}(0; \{3, 4^4, 6^3, 8, 24\})$	640
24	$\mathcal{O}(0; \{2^3, 3^2, 6^4, 8, 24\})$	168
24	$\mathcal{O}(0; \{3^2, 4^2, 6^4, 8, 24\})$	672
24	$\mathcal{O}(0; \{2^4, 6^5, 8, 24\})$	88

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^3, 6^5, 8, 24\})$	680
24	$\mathcal{O}(0; \{2, 4^2, 6^5, 8, 24\})$	352
24	$\mathcal{O}(0; \{2, 3, 6^6, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^6, 3, 4, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 8^3, 24\})$	1280
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 8^3, 24\})$	1024
24	$\mathcal{O}(0; \{3, 4^5, 8^3, 24\})$	4096
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6, 8^3, 24\})$	768
24	$\mathcal{O}(0; \{3^2, 4^3, 6, 8^3, 24\})$	3072
24	$\mathcal{O}(0; \{2^4, 4, 6^2, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{3^3, 4, 6^2, 8^3, 24\})$	2816
24	$\mathcal{O}(0; \{2, 4^3, 6^2, 8^3, 24\})$	1024
24	$\mathcal{O}(0; \{2, 3, 4, 6^3, 8^3, 24\})$	1280
24	$\mathcal{O}(0; \{2^4, 3, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{3^4, 8^5, 24\})$	10240
24	$\mathcal{O}(0; \{2, 3, 4^2, 8^5, 24\})$	8192
24	$\mathcal{O}(0; \{2, 3^2, 6, 8^5, 24\})$	6144
24	$\mathcal{O}(0; \{2^2, 6^2, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{2^9, 4, 8, 12, 24\})$	32
24	$\mathcal{O}(0; \{2^5, 3^3, 4, 8, 12, 24\})$	160
24	$\mathcal{O}(0; \{2, 3^6, 4, 8, 12, 24\})$	1376
24	$\mathcal{O}(0; \{2^6, 4^3, 8, 12, 24\})$	128
24	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 8, 12, 24\})$	640
24	$\mathcal{O}(0; \{2^3, 4^5, 8, 12, 24\})$	512
24	$\mathcal{O}(0; \{4^7, 8, 12, 24\})$	2048
24	$\mathcal{O}(0; \{2^6, 3, 4, 6, 8, 12, 24\})$	96
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 6, 8, 12, 24\})$	672
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 6, 8, 12, 24\})$	384
24	$\mathcal{O}(0; \{3, 4^5, 6, 8, 12, 24\})$	1536
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^2, 8, 12, 24\})$	352
24	$\mathcal{O}(0; \{3^2, 4^3, 6^2, 8, 12, 24\})$	1408
24	$\mathcal{O}(0; \{2^4, 4, 6^3, 8, 12, 24\})$	160
24	$\mathcal{O}(0; \{3^3, 4, 6^3, 8, 12, 24\})$	1376
24	$\mathcal{O}(0; \{2, 4^3, 6^3, 8, 12, 24\})$	640
24	$\mathcal{O}(0; \{2, 3, 4, 6^4, 8, 12, 24\})$	672
24	$\mathcal{O}(0; \{2^7, 8^3, 12, 24\})$	256
24	$\mathcal{O}(0; \{2^3, 3^3, 8^3, 12, 24\})$	1280
24	$\mathcal{O}(0; \{2^4, 4^2, 8^3, 12, 24\})$	1024
24	$\mathcal{O}(0; \{3^3, 4^2, 8^3, 12, 24\})$	5120
24	$\mathcal{O}(0; \{2, 4^4, 8^3, 12, 24\})$	4096
24	$\mathcal{O}(0; \{2^4, 3, 6, 8^3, 12, 24\})$	768
24	$\mathcal{O}(0; \{3^4, 6, 8^3, 12, 24\})$	5376
24	$\mathcal{O}(0; \{2, 3, 4^2, 6, 8^3, 12, 24\})$	3072

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 3^2, 6^2, 8^3, 12, 24\})$	2816
24	$\mathcal{O}(0; \{2^2, 6^3, 8^3, 12, 24\})$	1280
24	$\mathcal{O}(0; \{2^2, 4, 8^5, 12, 24\})$	8192
24	$\mathcal{O}(0; \{8^7, 12, 24\})$	65536
24	$\mathcal{O}(0; \{2^6, 3^2, 8, 12^2, 24\})$	160
24	$\mathcal{O}(0; \{2^2, 3^5, 8, 12^2, 24\})$	1376
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 8, 12^2, 24\})$	640
24	$\mathcal{O}(0; \{3^2, 4^4, 8, 12^2, 24\})$	2560
24	$\mathcal{O}(0; \{2^7, 6, 8, 12^2, 24\})$	96
24	$\mathcal{O}(0; \{2^3, 3^3, 6, 8, 12^2, 24\})$	672
24	$\mathcal{O}(0; \{2^4, 4^2, 6, 8, 12^2, 24\})$	384
24	$\mathcal{O}(0; \{3^3, 4^2, 6, 8, 12^2, 24\})$	2688
24	$\mathcal{O}(0; \{2, 4^4, 6, 8, 12^2, 24\})$	1536
24	$\mathcal{O}(0; \{2^4, 3, 6^2, 8, 12^2, 24\})$	352
24	$\mathcal{O}(0; \{3^4, 6^2, 8, 12^2, 24\})$	2720
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^2, 8, 12^2, 24\})$	1408
24	$\mathcal{O}(0; \{2, 3^2, 6^3, 8, 12^2, 24\})$	1376
24	$\mathcal{O}(0; \{2^2, 6^4, 8, 12^2, 24\})$	672
24	$\mathcal{O}(0; \{2, 3^2, 4, 8^3, 12^2, 24\})$	5120
24	$\mathcal{O}(0; \{2^2, 4, 6, 8^3, 12^2, 24\})$	3072
24	$\mathcal{O}(0; \{6, 8^5, 12^2, 24\})$	24576
24	$\mathcal{O}(0; \{2^4, 3, 4, 8, 12^3, 24\})$	640
24	$\mathcal{O}(0; \{3^4, 4, 8, 12^3, 24\})$	5504
24	$\mathcal{O}(0; \{2, 3, 4^3, 8, 12^3, 24\})$	2560
24	$\mathcal{O}(0; \{2, 3^2, 4, 6, 8, 12^3, 24\})$	2688
24	$\mathcal{O}(0; \{2^2, 4, 6^2, 8, 12^3, 24\})$	1408
24	$\mathcal{O}(0; \{2^2, 3, 8^3, 12^3, 24\})$	5120
24	$\mathcal{O}(0; \{6^2, 8^3, 12^3, 24\})$	11264
24	$\mathcal{O}(0; \{2^5, 8, 12^4, 24\})$	640
24	$\mathcal{O}(0; \{2, 3^3, 8, 12^4, 24\})$	5504
24	$\mathcal{O}(0; \{2^2, 4^2, 8, 12^4, 24\})$	2560
24	$\mathcal{O}(0; \{2^2, 3, 6, 8, 12^4, 24\})$	2688
24	$\mathcal{O}(0; \{6^3, 8, 12^4, 24\})$	5504
24	$\mathcal{O}(0; \{4, 8^3, 12^4, 24\})$	20480
24	$\mathcal{O}(0; \{4, 6, 8, 12^5, 24\})$	10752
24	$\mathcal{O}(0; \{3, 8, 12^6, 24\})$	22016
24	$\mathcal{O}(0; \{2^8, 3^2, 4, 24^2\})$	48
24	$\mathcal{O}(0; \{2^4, 3^5, 4, 24^2\})$	336
24	$\mathcal{O}(0; \{3^8, 4, 24^2\})$	2736
24	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 24^2\})$	192
24	$\mathcal{O}(0; \{2, 3^5, 4^3, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 24^2\})$	768
24	$\mathcal{O}(0; \{2^9, 4, 6, 24^2\})$	16

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^5, 3^3, 4, 6, 24^2\})$	176
24	$\mathcal{O}(0; \{2, 3^6, 4, 6, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^6, 4^3, 6, 24^2\})$	64
24	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6, 24^2\})$	704
24	$\mathcal{O}(0; \{2^3, 4^5, 6, 24^2\})$	256
24	$\mathcal{O}(0; \{4^7, 6, 24^2\})$	1024
24	$\mathcal{O}(0; \{2^6, 3, 4, 6^2, 24^2\})$	80
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^2, 24^2\})$	688
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^2, 24^2\})$	320
24	$\mathcal{O}(0; \{3, 4^5, 6^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^3, 24^2\})$	336
24	$\mathcal{O}(0; \{3^2, 4^3, 6^3, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^4, 4, 6^4, 24^2\})$	176
24	$\mathcal{O}(0; \{3^3, 4, 6^4, 24^2\})$	1360
24	$\mathcal{O}(0; \{2, 4^3, 6^4, 24^2\})$	704
24	$\mathcal{O}(0; \{2, 3, 4, 6^5, 24^2\})$	688
24	$\mathcal{O}(0; \{2^6, 3^2, 8^2, 24^2\})$	384
24	$\mathcal{O}(0; \{2^2, 3^5, 8^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 8^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{3^2, 4^4, 8^2, 24^2\})$	6144
24	$\mathcal{O}(0; \{2^7, 6, 8^2, 24^2\})$	128
24	$\mathcal{O}(0; \{2^3, 3^3, 6, 8^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^4, 4^2, 6, 8^2, 24^2\})$	512
24	$\mathcal{O}(0; \{3^3, 4^2, 6, 8^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{2, 4^4, 6, 8^2, 24^2\})$	2048
24	$\mathcal{O}(0; \{2^4, 3, 6^2, 8^2, 24^2\})$	640
24	$\mathcal{O}(0; \{3^4, 6^2, 8^2, 24^2\})$	5504
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^2, 8^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{2, 3^2, 6^3, 8^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^2, 6^4, 8^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{2, 3^2, 4, 8^4, 24^2\})$	12288
24	$\mathcal{O}(0; \{2^2, 4, 6, 8^4, 24^2\})$	4096
24	$\mathcal{O}(0; \{6, 8^6, 24^2\})$	32768
24	$\mathcal{O}(0; \{2^9, 3, 12, 24^2\})$	48
24	$\mathcal{O}(0; \{2^5, 3^4, 12, 24^2\})$	336
24	$\mathcal{O}(0; \{2, 3^7, 12, 24^2\})$	2736
24	$\mathcal{O}(0; \{2^6, 3, 4^2, 12, 24^2\})$	192
24	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 12, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^3, 3, 4^4, 12, 24^2\})$	768
24	$\mathcal{O}(0; \{3, 4^6, 12, 24^2\})$	3072
24	$\mathcal{O}(0; \{2^6, 3^2, 6, 12, 24^2\})$	176
24	$\mathcal{O}(0; \{2^2, 3^5, 6, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6, 12, 24^2\})$	704

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^2, 4^4, 6, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^7, 6^2, 12, 24^2\})$	80
24	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{2^4, 4^2, 6^2, 12, 24^2\})$	320
24	$\mathcal{O}(0; \{3^3, 4^2, 6^2, 12, 24^2\})$	2752
24	$\mathcal{O}(0; \{2, 4^4, 6^2, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^4, 3, 6^3, 12, 24^2\})$	336
24	$\mathcal{O}(0; \{3^4, 6^3, 12, 24^2\})$	2736
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^3, 12, 24^2\})$	1344
24	$\mathcal{O}(0; \{2, 3^2, 6^4, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^2, 6^5, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{2^4, 3, 4, 8^2, 12, 24^2\})$	1536
24	$\mathcal{O}(0; \{3^4, 4, 8^2, 12, 24^2\})$	10752
24	$\mathcal{O}(0; \{2, 3, 4^3, 8^2, 12, 24^2\})$	6144
24	$\mathcal{O}(0; \{2, 3^2, 4, 6, 8^2, 12, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^2, 4, 6^2, 8^2, 12, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^2, 3, 8^4, 12, 24^2\})$	12288
24	$\mathcal{O}(0; \{6^2, 8^4, 12, 24^2\})$	20480
24	$\mathcal{O}(0; \{2^7, 4, 12^2, 24^2\})$	192
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 12^2, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^4, 4^3, 12^2, 24^2\})$	768
24	$\mathcal{O}(0; \{3^3, 4^3, 12^2, 24^2\})$	5376
24	$\mathcal{O}(0; \{2, 4^5, 12^2, 24^2\})$	3072
24	$\mathcal{O}(0; \{2^4, 3, 4, 6, 12^2, 24^2\})$	704
24	$\mathcal{O}(0; \{3^4, 4, 6, 12^2, 24^2\})$	5440
24	$\mathcal{O}(0; \{2, 3, 4^3, 6, 12^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^2, 12^2, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^2, 4, 6^3, 12^2, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^5, 8^2, 12^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{2, 3^3, 8^2, 12^2, 24^2\})$	10752
24	$\mathcal{O}(0; \{2^2, 4^2, 8^2, 12^2, 24^2\})$	6144
24	$\mathcal{O}(0; \{2^2, 3, 6, 8^2, 12^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{6^3, 8^2, 12^2, 24^2\})$	10752
24	$\mathcal{O}(0; \{4, 8^4, 12^2, 24^2\})$	49152
24	$\mathcal{O}(0; \{2^4, 3^2, 12^3, 24^2\})$	1344
24	$\mathcal{O}(0; \{3^5, 12^3, 24^2\})$	10944
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 12^3, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^5, 6, 12^3, 24^2\})$	704
24	$\mathcal{O}(0; \{2, 3^3, 6, 12^3, 24^2\})$	5440
24	$\mathcal{O}(0; \{2^2, 4^2, 6, 12^3, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^2, 3, 6^2, 12^3, 24^2\})$	2752
24	$\mathcal{O}(0; \{6^4, 12^3, 24^2\})$	5440
24	$\mathcal{O}(0; \{4, 6, 8^2, 12^3, 24^2\})$	22528

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^2, 3, 4, 12^4, 24^2\})$	5376
24	$\mathcal{O}(0; \{4, 6^2, 12^4, 24^2\})$	11008
24	$\mathcal{O}(0; \{3, 8^2, 12^4, 24^2\})$	43008
24	$\mathcal{O}(0; \{2^3, 12^5, 24^2\})$	5376
24	$\mathcal{O}(0; \{4^2, 12^5, 24^2\})$	21504
24	$\mathcal{O}(0; \{3, 6, 12^5, 24^2\})$	21760
24	$\mathcal{O}(0; \{2^7, 4, 8, 24^3\})$	256
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 8, 24^3\})$	2816
24	$\mathcal{O}(0; \{2^4, 4^3, 8, 24^3\})$	1024
24	$\mathcal{O}(0; \{3^3, 4^3, 8, 24^3\})$	11264
24	$\mathcal{O}(0; \{2, 4^5, 8, 24^3\})$	4096
24	$\mathcal{O}(0; \{2^4, 3, 4, 6, 8, 24^3\})$	1280
24	$\mathcal{O}(0; \{3^4, 4, 6, 8, 24^3\})$	11008
24	$\mathcal{O}(0; \{2, 3, 4^3, 6, 8, 24^3\})$	5120
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^2, 8, 24^3\})$	5376
24	$\mathcal{O}(0; \{2^2, 4, 6^3, 8, 24^3\})$	2816
24	$\mathcal{O}(0; \{2^5, 8^3, 24^3\})$	2048
24	$\mathcal{O}(0; \{2, 3^3, 8^3, 24^3\})$	22528
24	$\mathcal{O}(0; \{2^2, 4^2, 8^3, 24^3\})$	8192
24	$\mathcal{O}(0; \{2^2, 3, 6, 8^3, 24^3\})$	10240
24	$\mathcal{O}(0; \{6^3, 8^3, 24^3\})$	22528
24	$\mathcal{O}(0; \{4, 8^5, 24^3\})$	65536
24	$\mathcal{O}(0; \{2^4, 3^2, 8, 12, 24^3\})$	2816
24	$\mathcal{O}(0; \{3^5, 8, 12, 24^3\})$	21760
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 8, 12, 24^3\})$	11264
24	$\mathcal{O}(0; \{2^5, 6, 8, 12, 24^3\})$	1280
24	$\mathcal{O}(0; \{2, 3^3, 6, 8, 12, 24^3\})$	11008
24	$\mathcal{O}(0; \{2^2, 4^2, 6, 8, 12, 24^3\})$	5120
24	$\mathcal{O}(0; \{2^2, 3, 6^2, 8, 12, 24^3\})$	5376
24	$\mathcal{O}(0; \{6^4, 8, 12, 24^3\})$	11008
24	$\mathcal{O}(0; \{4, 6, 8^3, 12, 24^3\})$	40960
24	$\mathcal{O}(0; \{2^2, 3, 4, 8, 12^2, 24^3\})$	11264
24	$\mathcal{O}(0; \{4, 6^2, 8, 12^2, 24^3\})$	21504
24	$\mathcal{O}(0; \{3, 8^3, 12^2, 24^3\})$	90112
24	$\mathcal{O}(0; \{2^3, 8, 12^3, 24^3\})$	11264
24	$\mathcal{O}(0; \{4^2, 8, 12^3, 24^3\})$	45056
24	$\mathcal{O}(0; \{3, 6, 8, 12^3, 24^3\})$	44032
24	$\mathcal{O}(0; \{2^7, 3, 24^4\})$	640
24	$\mathcal{O}(0; \{2^3, 3^4, 24^4\})$	5504
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 24^4\})$	2560
24	$\mathcal{O}(0; \{3^4, 4^2, 24^4\})$	22016
24	$\mathcal{O}(0; \{2, 3, 4^4, 24^4\})$	10240
24	$\mathcal{O}(0; \{2^4, 3^2, 6, 24^4\})$	2688

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^5, 6, 24^4\})$	21888
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6, 24^4\})$	10752
24	$\mathcal{O}(0; \{2^5, 6^2, 24^4\})$	1408
24	$\mathcal{O}(0; \{2, 3^3, 6^2, 24^4\})$	10880
24	$\mathcal{O}(0; \{2^2, 4^2, 6^2, 24^4\})$	5632
24	$\mathcal{O}(0; \{2^2, 3, 6^3, 24^4\})$	5504
24	$\mathcal{O}(0; \{6^5, 24^4\})$	10880
24	$\mathcal{O}(0; \{2^2, 3, 4, 8^2, 24^4\})$	20480
24	$\mathcal{O}(0; \{4, 6^2, 8^2, 24^4\})$	45056
24	$\mathcal{O}(0; \{3, 8^4, 24^4\})$	163840
24	$\mathcal{O}(0; \{2^5, 4, 12, 24^4\})$	2560
24	$\mathcal{O}(0; \{2, 3^3, 4, 12, 24^4\})$	22016
24	$\mathcal{O}(0; \{2^2, 4^3, 12, 24^4\})$	10240
24	$\mathcal{O}(0; \{2^2, 3, 4, 6, 12, 24^4\})$	10752
24	$\mathcal{O}(0; \{4, 6^3, 12, 24^4\})$	22016
24	$\mathcal{O}(0; \{2^3, 8^2, 12, 24^4\})$	20480
24	$\mathcal{O}(0; \{4^2, 8^2, 12, 24^4\})$	81920
24	$\mathcal{O}(0; \{3, 6, 8^2, 12, 24^4\})$	86016
24	$\mathcal{O}(0; \{2^2, 3^2, 12^2, 24^4\})$	22016
24	$\mathcal{O}(0; \{2^3, 6, 12^2, 24^4\})$	10752
24	$\mathcal{O}(0; \{4^2, 6, 12^2, 24^4\})$	43008
24	$\mathcal{O}(0; \{3, 6^2, 12^2, 24^4\})$	43520
24	$\mathcal{O}(0; \{3, 4, 12^3, 24^4\})$	88064
24	$\mathcal{O}(0; \{2, 12^4, 24^4\})$	88064
24	$\mathcal{O}(0; \{2^2, 3^2, 8, 24^5\})$	43008
24	$\mathcal{O}(0; \{2^3, 6, 8, 24^5\})$	22528
24	$\mathcal{O}(0; \{4^2, 6, 8, 24^5\})$	90112
24	$\mathcal{O}(0; \{3, 6^2, 8, 24^5\})$	88064
24	$\mathcal{O}(0; \{3, 4, 8, 12, 24^5\})$	172032
24	$\mathcal{O}(0; \{2, 8, 12^2, 24^5\})$	172032
24	$\mathcal{O}(0; \{2^3, 4, 24^6\})$	45056
24	$\mathcal{O}(0; \{4^3, 24^6\})$	180224
24	$\mathcal{O}(0; \{3, 4, 6, 24^6\})$	176128
24	$\mathcal{O}(0; \{2, 8^2, 24^6\})$	360448
24	$\mathcal{O}(0; \{3^2, 12, 24^6\})$	348160
24	$\mathcal{O}(0; \{2, 6, 12, 24^6\})$	176128
25	$\mathcal{O}(1; \{25^6\})$	1601562500
26	$\mathcal{O}(1; \{13^6\})$	116453844
26	$\mathcal{O}(0; \{2^4, 13^6\})$	229692
26	$\mathcal{O}(0; \{2^2, 13^5, 26^2\})$	2756292
26	$\mathcal{O}(0; \{13^4, 26^4\})$	33075516
27	$\mathcal{O}(3; \{3^2\})$	773778096
27	$\mathcal{O}(2; \{3^5\})$	5248800

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
27	$\mathcal{O}(2; \{3, 9^3\})$	18895680
27	$\mathcal{O}(1; \{3^8\})$	55728
27	$\mathcal{O}(1; \{3^4, 9^3\})$	186624
27	$\mathcal{O}(1; \{9^6\})$	3464208
27	$\mathcal{O}(1; \{3, 9^2, 27^3\})$	8503056
27	$\mathcal{O}(0; \{3^4, 9^2, 27^3\})$	93312
27	$\mathcal{O}(0; \{9^5, 27^3\})$	1259712
27	$\mathcal{O}(0; \{3, 9, 27^6\})$	15588936
28	$\mathcal{O}(2; \{2, 7^2, 14\})$	17287200
28	$\mathcal{O}(2; \{2, 4, 14, 28\})$	7375872
28	$\mathcal{O}(1; \{7^6\})$	3919608
28	$\mathcal{O}(1; \{2^5, 7^2, 14\})$	17640
28	$\mathcal{O}(1; \{2^2, 4^2, 7^2, 14\})$	47040
28	$\mathcal{O}(1; \{2^3, 7, 14^3\})$	109368
28	$\mathcal{O}(1; \{4^2, 7, 14^3\})$	291648
28	$\mathcal{O}(1; \{2, 14^5\})$	652680
28	$\mathcal{O}(1; \{4, 7^4, 28\})$	1740480
28	$\mathcal{O}(1; \{2^5, 4, 14, 28\})$	9408
28	$\mathcal{O}(1; \{2^2, 4^3, 14, 28\})$	37632
28	$\mathcal{O}(1; \{2^3, 7^2, 28^2\})$	291648
28	$\mathcal{O}(1; \{4^2, 7^2, 28^2\})$	1166592
28	$\mathcal{O}(1; \{2, 7, 14^2, 28^2\})$	1740480
28	$\mathcal{O}(1; \{2^3, 4, 28^3\})$	188160
28	$\mathcal{O}(1; \{4^3, 28^3\})$	752640
28	$\mathcal{O}(0; \{2, 4^2, 7^6\})$	13332
28	$\mathcal{O}(0; \{2^6, 4^2, 7^2, 14\})$	60
28	$\mathcal{O}(0; \{2^3, 4^4, 7^2, 14\})$	240
28	$\mathcal{O}(0; \{4^6, 7^2, 14\})$	960
28	$\mathcal{O}(0; \{2^4, 4^2, 7, 14^3\})$	372
28	$\mathcal{O}(0; \{2, 4^4, 7, 14^3\})$	1488
28	$\mathcal{O}(0; \{2^2, 4^2, 14^5\})$	2220
28	$\mathcal{O}(0; \{2^4, 4, 7^4, 28\})$	2220
28	$\mathcal{O}(0; \{2, 4^3, 7^4, 28\})$	8880
28	$\mathcal{O}(0; \{2^9, 4, 14, 28\})$	12
28	$\mathcal{O}(0; \{2^6, 4^3, 14, 28\})$	48
28	$\mathcal{O}(0; \{2^3, 4^5, 14, 28\})$	192
28	$\mathcal{O}(0; \{4^7, 14, 28\})$	768
28	$\mathcal{O}(0; \{2^2, 4, 7^3, 14^2, 28\})$	13332
28	$\mathcal{O}(0; \{4, 7^2, 14^4, 28\})$	79980
28	$\mathcal{O}(0; \{2^7, 7^2, 28^2\})$	372
28	$\mathcal{O}(0; \{2^4, 4^2, 7^2, 28^2\})$	1488
28	$\mathcal{O}(0; \{2, 4^4, 7^2, 28^2\})$	5952
28	$\mathcal{O}(0; \{7^5, 14, 28^2\})$	479892

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{2^5, 7, 14^2, 28^2\})$	2220
28	$\mathcal{O}(0; \{2^2, 4^2, 7, 14^2, 28^2\})$	8880
28	$\mathcal{O}(0; \{2^3, 14^4, 28^2\})$	13332
28	$\mathcal{O}(0; \{4^2, 14^4, 28^2\})$	53328
28	$\mathcal{O}(0; \{2^7, 4, 28^3\})$	240
28	$\mathcal{O}(0; \{2^4, 4^3, 28^3\})$	960
28	$\mathcal{O}(0; \{2, 4^5, 28^3\})$	3840
28	$\mathcal{O}(0; \{4, 7^3, 14, 28^3\})$	319920
28	$\mathcal{O}(0; \{2^3, 7, 14, 28^4\})$	53328
28	$\mathcal{O}(0; \{4^2, 7, 14, 28^4\})$	213312
28	$\mathcal{O}(0; \{2, 14^3, 28^4\})$	319920
28	$\mathcal{O}(0; \{2, 7, 28^6\})$	1279680
30	$\mathcal{O}(2; \{2^2, 10^2\})$	3200000
30	$\mathcal{O}(2; \{15^3\})$	18225000
30	$\mathcal{O}(2; \{10, 15, 30\})$	19440000
30	$\mathcal{O}(1; \{5^6\})$	492000
30	$\mathcal{O}(1; \{2^3, 5^3, 10\})$	41600
30	$\mathcal{O}(1; \{3, 5^3, 6, 10\})$	93600
30	$\mathcal{O}(1; \{2^6, 10^2\})$	3200
30	$\mathcal{O}(1; \{2^2, 3^3, 10^2\})$	7200
30	$\mathcal{O}(1; \{2^3, 3, 6, 10^2\})$	7200
30	$\mathcal{O}(1; \{3^2, 6^2, 10^2\})$	21600
30	$\mathcal{O}(1; \{2, 6^3, 10^2\})$	7200
30	$\mathcal{O}(1; \{2, 5^2, 10^3\})$	163200
30	$\mathcal{O}(1; \{3, 5^4, 15\})$	275400
30	$\mathcal{O}(1; \{2^3, 3, 5, 10, 15\})$	21600
30	$\mathcal{O}(1; \{3^2, 5, 6, 10, 15\})$	64800
30	$\mathcal{O}(1; \{2, 5, 6^2, 10, 15\})$	21600
30	$\mathcal{O}(1; \{2, 3, 10^3, 15\})$	93600
30	$\mathcal{O}(1; \{3^2, 5^2, 15^2\})$	210600
30	$\mathcal{O}(1; \{2, 5^2, 6, 15^2\})$	93600
30	$\mathcal{O}(1; \{2^4, 15^3\})$	21600
30	$\mathcal{O}(1; \{3^3, 15^3\})$	178200
30	$\mathcal{O}(1; \{2, 3, 6, 15^3\})$	108000
30	$\mathcal{O}(1; \{3^2, 5^2, 10, 30\})$	93600
30	$\mathcal{O}(1; \{2, 5^2, 6, 10, 30\})$	93600
30	$\mathcal{O}(1; \{2, 5^3, 15, 30\})$	367200
30	$\mathcal{O}(1; \{2^4, 10, 15, 30\})$	21600
30	$\mathcal{O}(1; \{3^3, 10, 15, 30\})$	108000
30	$\mathcal{O}(1; \{2, 3, 6, 10, 15, 30\})$	64800
30	$\mathcal{O}(1; \{2, 3, 5, 15^2, 30\})$	280800
30	$\mathcal{O}(1; \{2, 3, 5, 10, 30^2\})$	93600
30	$\mathcal{O}(1; \{2^2, 15^2, 30^2\})$	280800

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{2^2, 10, 30^3\})$	93600
30	$\mathcal{O}(1; \{15, 30^4\})$	1836000
30	$\mathcal{O}(0; \{2, 3, 5^6, 6\})$	1640
30	$\mathcal{O}(0; \{2^3, 3^3, 5^3, 10\})$	104
30	$\mathcal{O}(0; \{2^4, 3, 5^3, 6, 10\})$	104
30	$\mathcal{O}(0; \{3^4, 5^3, 6, 10\})$	520
30	$\mathcal{O}(0; \{2, 3^2, 5^3, 6^2, 10\})$	312
30	$\mathcal{O}(0; \{2^2, 5^3, 6^3, 10\})$	104
30	$\mathcal{O}(0; \{2^6, 3^3, 10^2\})$	8
30	$\mathcal{O}(0; \{2^2, 3^6, 10^2\})$	88
30	$\mathcal{O}(0; \{2^7, 3, 6, 10^2\})$	8
30	$\mathcal{O}(0; \{2^3, 3^4, 6, 10^2\})$	40
30	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 10^2\})$	24
30	$\mathcal{O}(0; \{3^5, 6^2, 10^2\})$	168
30	$\mathcal{O}(0; \{2^5, 6^3, 10^2\})$	8
30	$\mathcal{O}(0; \{2, 3^3, 6^3, 10^2\})$	88
30	$\mathcal{O}(0; \{2^2, 3, 6^4, 10^2\})$	40
30	$\mathcal{O}(0; \{6^6, 10^2\})$	88
30	$\mathcal{O}(0; \{2, 3^3, 5^2, 10^3\})$	408
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 6, 10^3\})$	408
30	$\mathcal{O}(0; \{5^2, 6^3, 10^3\})$	408
30	$\mathcal{O}(0; \{3, 5, 6, 10^5\})$	1640
30	$\mathcal{O}(0; \{2^4, 3, 5^4, 15\})$	408
30	$\mathcal{O}(0; \{2, 3^2, 5^4, 6, 15\})$	1224
30	$\mathcal{O}(0; \{2^2, 5^4, 6^2, 15\})$	408
30	$\mathcal{O}(0; \{2^7, 3, 5, 10, 15\})$	24
30	$\mathcal{O}(0; \{2^3, 3^4, 5, 10, 15\})$	120
30	$\mathcal{O}(0; \{2^4, 3^2, 5, 6, 10, 15\})$	72
30	$\mathcal{O}(0; \{3^5, 5, 6, 10, 15\})$	504
30	$\mathcal{O}(0; \{2^5, 5, 6^2, 10, 15\})$	24
30	$\mathcal{O}(0; \{2, 3^3, 5, 6^2, 10, 15\})$	264
30	$\mathcal{O}(0; \{2^2, 3, 5, 6^3, 10, 15\})$	120
30	$\mathcal{O}(0; \{5, 6^5, 10, 15\})$	264
30	$\mathcal{O}(0; \{2^2, 3, 5^3, 10^2, 15\})$	1640
30	$\mathcal{O}(0; \{5^3, 6^2, 10^2, 15\})$	1640
30	$\mathcal{O}(0; \{2^5, 3, 10^3, 15\})$	104
30	$\mathcal{O}(0; \{2, 3^4, 10^3, 15\})$	520
30	$\mathcal{O}(0; \{2^2, 3^2, 6, 10^3, 15\})$	312
30	$\mathcal{O}(0; \{2^3, 6^2, 10^3, 15\})$	104
30	$\mathcal{O}(0; \{3, 6^3, 10^3, 15\})$	520
30	$\mathcal{O}(0; \{3, 5^2, 10^4, 15\})$	6552
30	$\mathcal{O}(0; \{2^4, 3^2, 5^2, 15^2\})$	312
30	$\mathcal{O}(0; \{2^5, 5^2, 6, 15^2\})$	104

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2, 3^3, 5^2, 6, 15^2\})$	1144
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 6^2, 15^2\})$	520
30	$\mathcal{O}(0; \{5^2, 6^4, 15^2\})$	1144
30	$\mathcal{O}(0; \{5^4, 6, 10, 15^2\})$	6552
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 10^2, 15^2\})$	1224
30	$\mathcal{O}(0; \{2^3, 5, 6, 10^2, 15^2\})$	408
30	$\mathcal{O}(0; \{3, 5, 6^2, 10^2, 15^2\})$	2040
30	$\mathcal{O}(0; \{3^2, 10^4, 15^2\})$	4920
30	$\mathcal{O}(0; \{2, 6, 10^4, 15^2\})$	1640
30	$\mathcal{O}(0; \{2^8, 15^3\})$	24
30	$\mathcal{O}(0; \{2^4, 3^3, 15^3\})$	264
30	$\mathcal{O}(0; \{2^5, 3, 6, 15^3\})$	120
30	$\mathcal{O}(0; \{2, 3^4, 6, 15^3\})$	1032
30	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 15^3\})$	504
30	$\mathcal{O}(0; \{2^3, 6^3, 15^3\})$	264
30	$\mathcal{O}(0; \{3, 6^4, 15^3\})$	1032
30	$\mathcal{O}(0; \{2^3, 5^2, 10, 15^3\})$	1640
30	$\mathcal{O}(0; \{3, 5^2, 6, 10, 15^3\})$	8200
30	$\mathcal{O}(0; \{2, 5, 10^3, 15^3\})$	6552
30	$\mathcal{O}(0; \{2^3, 3, 10, 15^4\})$	2040
30	$\mathcal{O}(0; \{3^2, 6, 10, 15^4\})$	8568
30	$\mathcal{O}(0; \{2, 6^2, 10, 15^4\})$	4488
30	$\mathcal{O}(0; \{2, 5, 6, 15^5\})$	18040
30	$\mathcal{O}(0; \{2, 3^2, 5^5, 30\})$	1640
30	$\mathcal{O}(0; \{2^2, 5^5, 6, 30\})$	1640
30	$\mathcal{O}(0; \{2^4, 3^2, 5^2, 10, 30\})$	104
30	$\mathcal{O}(0; \{3^5, 5^2, 10, 30\})$	1144
30	$\mathcal{O}(0; \{2^5, 5^2, 6, 10, 30\})$	104
30	$\mathcal{O}(0; \{2, 3^3, 5^2, 6, 10, 30\})$	520
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 6^2, 10, 30\})$	312
30	$\mathcal{O}(0; \{5^2, 6^4, 10, 30\})$	520
30	$\mathcal{O}(0; \{5^4, 6, 10^2, 30\})$	6552
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 10^3, 30\})$	408
30	$\mathcal{O}(0; \{2^3, 5, 6, 10^3, 30\})$	408
30	$\mathcal{O}(0; \{3, 5, 6^2, 10^3, 30\})$	1224
30	$\mathcal{O}(0; \{3^2, 10^5, 30\})$	1640
30	$\mathcal{O}(0; \{2, 6, 10^5, 30\})$	1640
30	$\mathcal{O}(0; \{2^5, 5^3, 15, 30\})$	408
30	$\mathcal{O}(0; \{2, 3^3, 5^3, 15, 30\})$	2040
30	$\mathcal{O}(0; \{2^2, 3, 5^3, 6, 15, 30\})$	1224
30	$\mathcal{O}(0; \{5^3, 6^3, 15, 30\})$	2040
30	$\mathcal{O}(0; \{2^8, 10, 15, 30\})$	24
30	$\mathcal{O}(0; \{2^4, 3^3, 10, 15, 30\})$	120

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{3^6, 10, 15, 30\})$	1032
30	$\mathcal{O}(0; \{5^5, 10, 15, 30\})$	26216
30	$\mathcal{O}(0; \{2^5, 3, 6, 10, 15, 30\})$	72
30	$\mathcal{O}(0; \{2, 3^4, 6, 10, 15, 30\})$	504
30	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 10, 15, 30\})$	264
30	$\mathcal{O}(0; \{2^3, 6^3, 10, 15, 30\})$	120
30	$\mathcal{O}(0; \{3, 6^4, 10, 15, 30\})$	504
30	$\mathcal{O}(0; \{2^3, 5^2, 10^2, 15, 30\})$	1640
30	$\mathcal{O}(0; \{3, 5^2, 6, 10^2, 15, 30\})$	4920
30	$\mathcal{O}(0; \{2, 5, 10^4, 15, 30\})$	6552
30	$\mathcal{O}(0; \{2^5, 3, 5, 15^2, 30\})$	312
30	$\mathcal{O}(0; \{2, 3^4, 5, 15^2, 30\})$	2184
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 6, 15^2, 30\})$	1144
30	$\mathcal{O}(0; \{2^3, 5, 6^2, 15^2, 30\})$	520
30	$\mathcal{O}(0; \{3, 5, 6^3, 15^2, 30\})$	2184
30	$\mathcal{O}(0; \{3, 5^3, 10, 15^2, 30\})$	19656
30	$\mathcal{O}(0; \{2^3, 3, 10^2, 15^2, 30\})$	1224
30	$\mathcal{O}(0; \{3^2, 6, 10^2, 15^2, 30\})$	4488
30	$\mathcal{O}(0; \{2, 6^2, 10^2, 15^2, 30\})$	2040
30	$\mathcal{O}(0; \{3^2, 5, 10, 15^3, 30\})$	18040
30	$\mathcal{O}(0; \{2, 5, 6, 10, 15^3, 30\})$	8200
30	$\mathcal{O}(0; \{2, 5^2, 15^4, 30\})$	32760
30	$\mathcal{O}(0; \{2, 3, 15^5, 30\})$	34440
30	$\mathcal{O}(0; \{2^2, 3, 5^4, 30^2\})$	1640
30	$\mathcal{O}(0; \{5^4, 6^2, 30^2\})$	4920
30	$\mathcal{O}(0; \{2^5, 3, 5, 10, 30^2\})$	104
30	$\mathcal{O}(0; \{2, 3^4, 5, 10, 30^2\})$	1144
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 6, 10, 30^2\})$	520
30	$\mathcal{O}(0; \{2^3, 5, 6^2, 10, 30^2\})$	312
30	$\mathcal{O}(0; \{3, 5, 6^3, 10, 30^2\})$	1144
30	$\mathcal{O}(0; \{3, 5^3, 10^2, 30^2\})$	6552
30	$\mathcal{O}(0; \{2^3, 3, 10^3, 30^2\})$	408
30	$\mathcal{O}(0; \{3^2, 6, 10^3, 30^2\})$	2040
30	$\mathcal{O}(0; \{2, 6^2, 10^3, 30^2\})$	1224
30	$\mathcal{O}(0; \{2^2, 3^2, 5^2, 15, 30^2\})$	2040
30	$\mathcal{O}(0; \{2^3, 5^2, 6, 15, 30^2\})$	1224
30	$\mathcal{O}(0; \{3, 5^2, 6^2, 15, 30^2\})$	4488
30	$\mathcal{O}(0; \{3^2, 5, 10^2, 15, 30^2\})$	8200
30	$\mathcal{O}(0; \{2, 5, 6, 10^2, 15, 30^2\})$	4920
30	$\mathcal{O}(0; \{2^6, 15^2, 30^2\})$	312
30	$\mathcal{O}(0; \{2^2, 3^3, 15^2, 30^2\})$	2184
30	$\mathcal{O}(0; \{2^3, 3, 6, 15^2, 30^2\})$	1144
30	$\mathcal{O}(0; \{3^2, 6^2, 15^2, 30^2\})$	4472

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2, 6^3, 15^2, 30^2\})$	2184
30	$\mathcal{O}(0; \{2, 5^2, 10, 15^2, 30^2\})$	19656
30	$\mathcal{O}(0; \{2, 3, 10, 15^3, 30^2\})$	18040
30	$\mathcal{O}(0; \{2^3, 5^3, 30^3\})$	1640
30	$\mathcal{O}(0; \{3, 5^3, 6, 30^3\})$	8200
30	$\mathcal{O}(0; \{2^6, 10, 30^3\})$	104
30	$\mathcal{O}(0; \{2^2, 3^3, 10, 30^3\})$	1144
30	$\mathcal{O}(0; \{2^3, 3, 6, 10, 30^3\})$	520
30	$\mathcal{O}(0; \{3^2, 6^2, 10, 30^3\})$	2184
30	$\mathcal{O}(0; \{2, 6^3, 10, 30^3\})$	1144
30	$\mathcal{O}(0; \{2, 5^2, 10^2, 30^3\})$	6552
30	$\mathcal{O}(0; \{2^3, 3, 5, 15, 30^3\})$	2040
30	$\mathcal{O}(0; \{3^2, 5, 6, 15, 30^3\})$	8568
30	$\mathcal{O}(0; \{2, 5, 6^2, 15, 30^3\})$	4488
30	$\mathcal{O}(0; \{2, 3, 10^2, 15, 30^3\})$	8200
30	$\mathcal{O}(0; \{3^2, 5^2, 30^4\})$	18040
30	$\mathcal{O}(0; \{2, 5^2, 6, 30^4\})$	8200
30	$\mathcal{O}(0; \{2^4, 15, 30^4\})$	2040
30	$\mathcal{O}(0; \{3^3, 15, 30^4\})$	17544
30	$\mathcal{O}(0; \{2, 3, 6, 15, 30^4\})$	8568
30	$\mathcal{O}(0; \{2, 3, 5, 30^5\})$	18040
30	$\mathcal{O}(0; \{2^2, 30^6\})$	18040
32	$\mathcal{O}(2; \{2^2, 4^2\})$	1966080
32	$\mathcal{O}(2; \{4, 8^2\})$	7864320
32	$\mathcal{O}(1; \{2^6, 4^2\})$	1536
32	$\mathcal{O}(1; \{2^3, 4^4\})$	6144
32	$\mathcal{O}(1; \{4^6\})$	24576
32	$\mathcal{O}(1; \{2^4, 4, 8^2\})$	6144
32	$\mathcal{O}(1; \{2, 4^3, 8^2\})$	24576
32	$\mathcal{O}(1; \{2^2, 8^4\})$	49152
32	$\mathcal{O}(1; \{2^2, 4, 8, 16^2\})$	49152
32	$\mathcal{O}(1; \{8^3, 16^2\})$	393216
32	$\mathcal{O}(1; \{4, 16^4\})$	786432
32	$\mathcal{O}(1; \{4, 8, 16, 32^2\})$	1048576
32	$\mathcal{O}(0; \{2^4, 4, 8, 16, 32^2\})$	1024
32	$\mathcal{O}(0; \{2, 4^3, 8, 16, 32^2\})$	4096
32	$\mathcal{O}(0; \{2^2, 8^3, 16, 32^2\})$	8192
32	$\mathcal{O}(0; \{2^2, 4, 16^3, 32^2\})$	16384
32	$\mathcal{O}(0; \{8^2, 16^3, 32^2\})$	131072
32	$\mathcal{O}(0; \{2^2, 4, 8, 32^4\})$	32768
32	$\mathcal{O}(0; \{8^3, 32^4\})$	262144
32	$\mathcal{O}(0; \{4, 16^2, 32^4\})$	524288
33	$\mathcal{O}(1; \{3, 11^3, 33\})$	1981980

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
33	$\mathcal{O}(0; \{3^4, 11^3, 33\})$	9100
33	$\mathcal{O}(0; \{3, 11^2, 33^4\})$	909100
34	$\mathcal{O}(0; \{2^3, 17^4, 34\})$	61680
34	$\mathcal{O}(0; \{2, 17^3, 34^3\})$	986896
35	$\mathcal{O}(1; \{5^3, 7^2\})$	88200
35	$\mathcal{O}(0; \{5^2, 7^3, 35^2\})$	57720
35	$\mathcal{O}(0; \{5^4, 35^3\})$	98280
36	$\mathcal{O}(3; \emptyset)$	2139830784
36	$\mathcal{O}(2; \{2^4\})$	1555200
36	$\mathcal{O}(2; \{3^3\})$	3110400
36	$\mathcal{O}(2; \{2, 4^2\})$	3317760
36	$\mathcal{O}(2; \{2, 3, 6\})$	3110400
36	$\mathcal{O}(1; \{2^8\})$	864
36	$\mathcal{O}(1; \{2^4, 3^3\})$	1728
36	$\mathcal{O}(1; \{3^6\})$	19008
36	$\mathcal{O}(1; \{2^5, 4^2\})$	2304
36	$\mathcal{O}(1; \{2, 3^3, 4^2\})$	4608
36	$\mathcal{O}(1; \{2^2, 4^4\})$	9216
36	$\mathcal{O}(1; \{2^5, 3, 6\})$	1728
36	$\mathcal{O}(1; \{2, 3^4, 6\})$	8640
36	$\mathcal{O}(1; \{2^2, 3, 4^2, 6\})$	4608
36	$\mathcal{O}(1; \{2^2, 3^2, 6^2\})$	5184
36	$\mathcal{O}(1; \{2^3, 6^3\})$	1728
36	$\mathcal{O}(1; \{4^2, 6^3\})$	4608
36	$\mathcal{O}(1; \{3, 6^4\})$	8640
36	$\mathcal{O}(1; \{3^2, 9^3\})$	69984
36	$\mathcal{O}(1; \{2, 6, 9^3\})$	34992
36	$\mathcal{O}(1; \{2^2, 3^2, 4, 12\})$	4608
36	$\mathcal{O}(1; \{2^3, 4, 6, 12\})$	4608
36	$\mathcal{O}(1; \{4^3, 6, 12\})$	18432
36	$\mathcal{O}(1; \{3, 4, 6^2, 12\})$	13824
36	$\mathcal{O}(1; \{2^3, 3, 12^2\})$	4608
36	$\mathcal{O}(1; \{3, 4^2, 12^2\})$	18432
36	$\mathcal{O}(1; \{3^2, 6, 12^2\})$	23040
36	$\mathcal{O}(1; \{2, 6^2, 12^2\})$	13824
36	$\mathcal{O}(1; \{2, 4, 12^3\})$	18432
36	$\mathcal{O}(1; \{2^3, 3, 9, 18\})$	11664
36	$\mathcal{O}(1; \{3, 4^2, 9, 18\})$	31104
36	$\mathcal{O}(1; \{3^2, 6, 9, 18\})$	46656
36	$\mathcal{O}(1; \{2, 6^2, 9, 18\})$	23328
36	$\mathcal{O}(1; \{2, 4, 9, 12, 18\})$	31104
36	$\mathcal{O}(1; \{2, 3, 18^3\})$	34992
36	$\mathcal{O}(1; \{2, 4, 9^2, 36\})$	46656

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{3^2, 4, 18, 36\})$	62208
36	$\mathcal{O}(1; \{2, 4, 6, 18, 36\})$	31104
36	$\mathcal{O}(1; \{2, 3, 12, 18, 36\})$	62208
36	$\mathcal{O}(1; \{2, 3, 9, 36^2\})$	93312
36	$\mathcal{O}(0; \{2, 3^2, 4^2, 9^3\})$	144
36	$\mathcal{O}(0; \{2^2, 4^2, 6, 9^3\})$	72
36	$\mathcal{O}(0; \{2^2, 3, 4, 9^3, 12\})$	144
36	$\mathcal{O}(0; \{4, 6^2, 9^3, 12\})$	288
36	$\mathcal{O}(0; \{2^3, 9^3, 12^2\})$	144
36	$\mathcal{O}(0; \{4^2, 9^3, 12^2\})$	576
36	$\mathcal{O}(0; \{3, 6, 9^3, 12^2\})$	576
36	$\mathcal{O}(0; \{2^4, 3, 4^2, 9, 18\})$	24
36	$\mathcal{O}(0; \{3^4, 4^2, 9, 18\})$	192
36	$\mathcal{O}(0; \{2, 3, 4^4, 9, 18\})$	96
36	$\mathcal{O}(0; \{2, 3^2, 4^2, 6, 9, 18\})$	96
36	$\mathcal{O}(0; \{2^2, 4^2, 6^2, 9, 18\})$	48
36	$\mathcal{O}(0; \{4^2, 9^4, 18\})$	1620
36	$\mathcal{O}(0; \{2^5, 4, 9, 12, 18\})$	24
36	$\mathcal{O}(0; \{2, 3^3, 4, 9, 12, 18\})$	192
36	$\mathcal{O}(0; \{2^2, 4^3, 9, 12, 18\})$	96
36	$\mathcal{O}(0; \{2^2, 3, 4, 6, 9, 12, 18\})$	96
36	$\mathcal{O}(0; \{4, 6^3, 9, 12, 18\})$	192
36	$\mathcal{O}(0; \{2^2, 3^2, 9, 12^2, 18\})$	192
36	$\mathcal{O}(0; \{2^3, 6, 9, 12^2, 18\})$	96
36	$\mathcal{O}(0; \{4^2, 6, 9, 12^2, 18\})$	384
36	$\mathcal{O}(0; \{3, 6^2, 9, 12^2, 18\})$	384
36	$\mathcal{O}(0; \{3, 4, 9, 12^3, 18\})$	768
36	$\mathcal{O}(0; \{2, 9, 12^4, 18\})$	768
36	$\mathcal{O}(0; \{4^2, 6, 9^2, 18^2\})$	648
36	$\mathcal{O}(0; \{3, 4, 9^2, 12, 18^2\})$	1296
36	$\mathcal{O}(0; \{2, 9^2, 12^2, 18^2\})$	1296
36	$\mathcal{O}(0; \{2^2, 3, 4^2, 18^3\})$	72
36	$\mathcal{O}(0; \{4^2, 6^2, 18^3\})$	144
36	$\mathcal{O}(0; \{2^3, 4, 12, 18^3\})$	72
36	$\mathcal{O}(0; \{4^3, 12, 18^3\})$	288
36	$\mathcal{O}(0; \{3, 4, 6, 12, 18^3\})$	288
36	$\mathcal{O}(0; \{3^2, 12^2, 18^3\})$	576
36	$\mathcal{O}(0; \{2, 6, 12^2, 18^3\})$	288
36	$\mathcal{O}(0; \{2^5, 4, 9^2, 36\})$	36
36	$\mathcal{O}(0; \{2, 3^3, 4, 9^2, 36\})$	288
36	$\mathcal{O}(0; \{2^2, 4^3, 9^2, 36\})$	144
36	$\mathcal{O}(0; \{2^2, 3, 4, 6, 9^2, 36\})$	144
36	$\mathcal{O}(0; \{4, 6^3, 9^2, 36\})$	288

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2^2, 3^2, 9^2, 12, 36\})$	288
36	$\mathcal{O}(0; \{2^3, 6, 9^2, 12, 36\})$	144
36	$\mathcal{O}(0; \{4^2, 6, 9^2, 12, 36\})$	576
36	$\mathcal{O}(0; \{3, 6^2, 9^2, 12, 36\})$	576
36	$\mathcal{O}(0; \{3, 4, 9^2, 12^2, 36\})$	1152
36	$\mathcal{O}(0; \{2, 9^2, 12^3, 36\})$	1152
36	$\mathcal{O}(0; \{2^4, 3^2, 4, 18, 36\})$	48
36	$\mathcal{O}(0; \{3^5, 4, 18, 36\})$	384
36	$\mathcal{O}(0; \{2, 3^2, 4^3, 18, 36\})$	192
36	$\mathcal{O}(0; \{2^5, 4, 6, 18, 36\})$	24
36	$\mathcal{O}(0; \{2, 3^3, 4, 6, 18, 36\})$	192
36	$\mathcal{O}(0; \{2^2, 4^3, 6, 18, 36\})$	96
36	$\mathcal{O}(0; \{2^2, 3, 4, 6^2, 18, 36\})$	96
36	$\mathcal{O}(0; \{4, 6^4, 18, 36\})$	192
36	$\mathcal{O}(0; \{3, 4, 9^3, 18, 36\})$	3240
36	$\mathcal{O}(0; \{2^5, 3, 12, 18, 36\})$	48
36	$\mathcal{O}(0; \{2, 3^4, 12, 18, 36\})$	384
36	$\mathcal{O}(0; \{2^2, 3, 4^2, 12, 18, 36\})$	192
36	$\mathcal{O}(0; \{2^2, 3^2, 6, 12, 18, 36\})$	192
36	$\mathcal{O}(0; \{2^3, 6^2, 12, 18, 36\})$	96
36	$\mathcal{O}(0; \{4^2, 6^2, 12, 18, 36\})$	384
36	$\mathcal{O}(0; \{3, 6^3, 12, 18, 36\})$	384
36	$\mathcal{O}(0; \{2, 9^3, 12, 18, 36\})$	3240
36	$\mathcal{O}(0; \{2^3, 4, 12^2, 18, 36\})$	192
36	$\mathcal{O}(0; \{4^3, 12^2, 18, 36\})$	768
36	$\mathcal{O}(0; \{3, 4, 6, 12^2, 18, 36\})$	768
36	$\mathcal{O}(0; \{3^2, 12^3, 18, 36\})$	1536
36	$\mathcal{O}(0; \{2, 6, 12^3, 18, 36\})$	768
36	$\mathcal{O}(0; \{2^3, 4, 9, 18^2, 36\})$	324
36	$\mathcal{O}(0; \{4^3, 9, 18^2, 36\})$	1296
36	$\mathcal{O}(0; \{3, 4, 6, 9, 18^2, 36\})$	1296
36	$\mathcal{O}(0; \{3^2, 9, 12, 18^2, 36\})$	2592
36	$\mathcal{O}(0; \{2, 6, 9, 12, 18^2, 36\})$	1296
36	$\mathcal{O}(0; \{2, 4, 18^4, 36\})$	1620
36	$\mathcal{O}(0; \{2^5, 3, 9, 36^2\})$	72
36	$\mathcal{O}(0; \{2, 3^4, 9, 36^2\})$	576
36	$\mathcal{O}(0; \{2^2, 3, 4^2, 9, 36^2\})$	288
36	$\mathcal{O}(0; \{2^2, 3^2, 6, 9, 36^2\})$	288
36	$\mathcal{O}(0; \{2^3, 6^2, 9, 36^2\})$	144
36	$\mathcal{O}(0; \{4^2, 6^2, 9, 36^2\})$	576
36	$\mathcal{O}(0; \{3, 6^3, 9, 36^2\})$	576
36	$\mathcal{O}(0; \{2, 9^4, 36^2\})$	10692
36	$\mathcal{O}(0; \{2^3, 4, 9, 12, 36^2\})$	288

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{4^3, 9, 12, 36^2\})$	1152
36	$\mathcal{O}(0; \{3, 4, 6, 9, 12, 36^2\})$	1152
36	$\mathcal{O}(0; \{3^2, 9, 12^2, 36^2\})$	2304
36	$\mathcal{O}(0; \{2, 6, 9, 12^2, 36^2\})$	1152
36	$\mathcal{O}(0; \{3^2, 9^2, 18, 36^2\})$	6480
36	$\mathcal{O}(0; \{2, 6, 9^2, 18, 36^2\})$	3240
36	$\mathcal{O}(0; \{2^3, 3, 18^2, 36^2\})$	648
36	$\mathcal{O}(0; \{3, 4^2, 18^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{3^2, 6, 18^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{2, 6^2, 18^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{2, 4, 12, 18^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{2^2, 3^2, 4, 36^3\})$	576
36	$\mathcal{O}(0; \{2^3, 4, 6, 36^3\})$	288
36	$\mathcal{O}(0; \{4^3, 6, 36^3\})$	1152
36	$\mathcal{O}(0; \{3, 4, 6^2, 36^3\})$	1152
36	$\mathcal{O}(0; \{2^3, 3, 12, 36^3\})$	576
36	$\mathcal{O}(0; \{3, 4^2, 12, 36^3\})$	2304
36	$\mathcal{O}(0; \{3^2, 6, 12, 36^3\})$	2304
36	$\mathcal{O}(0; \{2, 6^2, 12, 36^3\})$	1152
36	$\mathcal{O}(0; \{2, 4, 12^2, 36^3\})$	2304
36	$\mathcal{O}(0; \{2, 4, 9, 18, 36^3\})$	6480
36	$\mathcal{O}(0; \{2, 3, 18, 36^4\})$	12960
37	$\mathcal{O}(1; \{37^4\})$	62147124
38	$\mathcal{O}(1; \{19^4\})$	5984658
38	$\mathcal{O}(0; \{2^4, 19^4\})$	5526
38	$\mathcal{O}(0; \{2^2, 19^3, 38^2\})$	99450
38	$\mathcal{O}(0; \{19^2, 38^4\})$	1790118
39	$\mathcal{O}(1; \{13^4\})$	2157792
39	$\mathcal{O}(0; \{3^3, 13^4\})$	3192
39	$\mathcal{O}(0; \{13^3, 39^3\})$	459384
40	$\mathcal{O}(2; \{5^2\})$	9600000
40	$\mathcal{O}(1; \{2^4, 5^2\})$	4800
40	$\mathcal{O}(1; \{2, 4^2, 5^2\})$	9600
40	$\mathcal{O}(1; \{2^2, 5, 10^2\})$	14400
40	$\mathcal{O}(1; \{10^4\})$	62400
40	$\mathcal{O}(1; \{2^2, 4, 10, 20\})$	9600
40	$\mathcal{O}(1; \{8^2, 10, 20\})$	51200
40	$\mathcal{O}(1; \{5, 10, 20^2\})$	124800
40	$\mathcal{O}(1; \{4, 20^3\})$	115200
40	$\mathcal{O}(1; \{5, 8, 20, 40\})$	153600
40	$\mathcal{O}(1; \{4, 10, 40^2\})$	153600
40	$\mathcal{O}(0; \{2^3, 4, 5^2, 8^2\})$	32
40	$\mathcal{O}(0; \{4^3, 5^2, 8^2\})$	128

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{2, 5^2, 8^4\})$	256
40	$\mathcal{O}(0; \{2, 4, 5, 8^2, 10^2\})$	96
40	$\mathcal{O}(0; \{2, 5^3, 8^2, 20\})$	416
40	$\mathcal{O}(0; \{2^4, 8^2, 10, 20\})$	32
40	$\mathcal{O}(0; \{2, 4^2, 8^2, 10, 20\})$	128
40	$\mathcal{O}(0; \{2^2, 8^2, 20^3\})$	384
40	$\mathcal{O}(0; \{2, 4, 5^2, 8, 10, 40\})$	416
40	$\mathcal{O}(0; \{2^4, 5, 8, 20, 40\})$	96
40	$\mathcal{O}(0; \{2, 4^2, 5, 8, 20, 40\})$	384
40	$\mathcal{O}(0; \{2^2, 8, 10^2, 20, 40\})$	416
40	$\mathcal{O}(0; \{8, 10, 20^3, 40\})$	6528
40	$\mathcal{O}(0; \{2, 4, 5^3, 40^2\})$	1632
40	$\mathcal{O}(0; \{2^4, 4, 10, 40^2\})$	96
40	$\mathcal{O}(0; \{2, 4^3, 10, 40^2\})$	384
40	$\mathcal{O}(0; \{2^2, 8^2, 10, 40^2\})$	768
40	$\mathcal{O}(0; \{2^2, 5, 10, 20, 40^2\})$	1632
40	$\mathcal{O}(0; \{10^3, 20, 40^2\})$	6560
40	$\mathcal{O}(0; \{2^2, 4, 20^2, 40^2\})$	1664
40	$\mathcal{O}(0; \{8^2, 20^2, 40^2\})$	13312
40	$\mathcal{O}(0; \{5, 20^3, 40^2\})$	26240
40	$\mathcal{O}(0; \{2^2, 5, 8, 40^3\})$	3328
40	$\mathcal{O}(0; \{8, 10^2, 40^3\})$	13056
40	$\mathcal{O}(0; \{5, 10, 40^4\})$	52480
40	$\mathcal{O}(0; \{4, 20, 40^4\})$	52224
42	$\mathcal{O}(1; \{7^4\})$	218736
42	$\mathcal{O}(1; \{3, 7, 21^2\})$	79380
42	$\mathcal{O}(1; \{3, 7, 14, 42\})$	105840
42	$\mathcal{O}(1; \{2^3, 21, 42\})$	21168
42	$\mathcal{O}(1; \{3, 6, 21, 42\})$	63504
42	$\mathcal{O}(1; \{2, 42^3\})$	105840
42	$\mathcal{O}(0; \{2, 3, 6, 7^4\})$	372
42	$\mathcal{O}(0; \{2, 3^2, 7^2, 14, 21\})$	372
42	$\mathcal{O}(0; \{2^2, 6, 7^2, 14, 21\})$	372
42	$\mathcal{O}(0; \{6, 7, 14^3, 21\})$	2220
42	$\mathcal{O}(0; \{2^4, 3, 7, 21^2\})$	60
42	$\mathcal{O}(0; \{2, 3^2, 6, 7, 21^2\})$	300
42	$\mathcal{O}(0; \{2^2, 6^2, 7, 21^2\})$	180
42	$\mathcal{O}(0; \{2^2, 3, 14^2, 21^2\})$	372
42	$\mathcal{O}(0; \{6^2, 14^2, 21^2\})$	1116
42	$\mathcal{O}(0; \{2^4, 3, 7, 14, 42\})$	60
42	$\mathcal{O}(0; \{3^4, 7, 14, 42\})$	300
42	$\mathcal{O}(0; \{2, 3^2, 6, 7, 14, 42\})$	180
42	$\mathcal{O}(0; \{2^2, 6^2, 7, 14, 42\})$	60

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{2^2, 3, 14^3, 42\})$	372
42	$\mathcal{O}(0; \{6^2, 14^3, 42\})$	372
42	$\mathcal{O}(0; \{2^7, 21, 42\})$	12
42	$\mathcal{O}(0; \{2^3, 3^3, 21, 42\})$	60
42	$\mathcal{O}(0; \{2^4, 3, 6, 21, 42\})$	36
42	$\mathcal{O}(0; \{3^4, 6, 21, 42\})$	252
42	$\mathcal{O}(0; \{2, 3^2, 6^2, 21, 42\})$	132
42	$\mathcal{O}(0; \{2^2, 6^3, 21, 42\})$	60
42	$\mathcal{O}(0; \{7^3, 14, 21, 42\})$	13332
42	$\mathcal{O}(0; \{6, 7^2, 21^2, 42\})$	6660
42	$\mathcal{O}(0; \{3, 14, 21^3, 42\})$	11100
42	$\mathcal{O}(0; \{6, 7^2, 14, 42^2\})$	2220
42	$\mathcal{O}(0; \{2^2, 3, 7, 21, 42^2\})$	1116
42	$\mathcal{O}(0; \{6^2, 7, 21, 42^2\})$	1860
42	$\mathcal{O}(0; \{3, 14^2, 21, 42^2\})$	6660
42	$\mathcal{O}(0; \{2^5, 42^3\})$	60
42	$\mathcal{O}(0; \{2, 3^3, 42^3\})$	660
42	$\mathcal{O}(0; \{2^2, 3, 6, 42^3\})$	300
42	$\mathcal{O}(0; \{6^3, 42^3\})$	660
42	$\mathcal{O}(0; \{3, 7, 42^4\})$	11100
44	$\mathcal{O}(1; \{2, 11^2, 22\})$	130680
44	$\mathcal{O}(0; \{2^2, 4^2, 11^2, 22\})$	180
44	$\mathcal{O}(0; \{4^2, 11, 22^3\})$	1820
44	$\mathcal{O}(0; \{2^3, 11^2, 44^2\})$	1820
44	$\mathcal{O}(0; \{4^2, 11^2, 44^2\})$	7280
44	$\mathcal{O}(0; \{2, 11, 22^2, 44^2\})$	18180
45	$\mathcal{O}(1; \{5^4\})$	93600
45	$\mathcal{O}(1; \{3, 5^2, 15\})$	43200
45	$\mathcal{O}(1; \{3^2, 15^2\})$	43200
45	$\mathcal{O}(0; \{5^2, 9^3, 15\})$	432
45	$\mathcal{O}(0; \{3, 9^3, 15^2\})$	576
45	$\mathcal{O}(0; \{5^3, 9, 15, 45\})$	2448
45	$\mathcal{O}(0; \{3, 5, 9, 15^2, 45\})$	2496
45	$\mathcal{O}(0; \{3, 5, 9^2, 45^2\})$	3888
45	$\mathcal{O}(0; \{3, 5^2, 45^3\})$	7344
45	$\mathcal{O}(0; \{3^2, 15, 45^3\})$	7488
48	$\mathcal{O}(2; \{2^2\})$	4915200
48	$\mathcal{O}(1; \{2^6\})$	1536
48	$\mathcal{O}(1; \{2^2, 3^3\})$	3456
48	$\mathcal{O}(1; \{2^3, 4^2\})$	3072
48	$\mathcal{O}(1; \{4^4\})$	12288
48	$\mathcal{O}(1; \{2^3, 3, 6\})$	3456
48	$\mathcal{O}(1; \{3, 4^2, 6\})$	6912

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(1; \{3^2, 6^2\})$	10368
48	$\mathcal{O}(1; \{2, 6^3\})$	3456
48	$\mathcal{O}(1; \{2, 4, 8^2\})$	12288
48	$\mathcal{O}(1; \{3^2, 4, 12\})$	6912
48	$\mathcal{O}(1; \{2, 4, 6, 12\})$	6912
48	$\mathcal{O}(1; \{2, 3, 12^2\})$	6912
48	$\mathcal{O}(1; \{2, 3, 8, 24\})$	13824
48	$\mathcal{O}(0; \{3, 4, 6, 8, 16^2\})$	128
48	$\mathcal{O}(0; \{3^2, 8, 12, 16^2\})$	128
48	$\mathcal{O}(0; \{2, 6, 8, 12, 16^2\})$	128
48	$\mathcal{O}(0; \{2^3, 3, 16^2, 24\})$	64
48	$\mathcal{O}(0; \{3, 4^2, 16^2, 24\})$	256
48	$\mathcal{O}(0; \{3^2, 6, 16^2, 24\})$	192
48	$\mathcal{O}(0; \{2, 6^2, 16^2, 24\})$	64
48	$\mathcal{O}(0; \{2, 4, 12, 16^2, 24\})$	256
48	$\mathcal{O}(0; \{2^2, 3^2, 4, 16, 48\})$	32
48	$\mathcal{O}(0; \{2^3, 4, 6, 16, 48\})$	32
48	$\mathcal{O}(0; \{4^3, 6, 16, 48\})$	128
48	$\mathcal{O}(0; \{3, 4, 6^2, 16, 48\})$	96
48	$\mathcal{O}(0; \{3^2, 8^2, 16, 48\})$	256
48	$\mathcal{O}(0; \{2, 6, 8^2, 16, 48\})$	256
48	$\mathcal{O}(0; \{2^3, 3, 12, 16, 48\})$	32
48	$\mathcal{O}(0; \{3, 4^2, 12, 16, 48\})$	128
48	$\mathcal{O}(0; \{3^2, 6, 12, 16, 48\})$	160
48	$\mathcal{O}(0; \{2, 6^2, 12, 16, 48\})$	96
48	$\mathcal{O}(0; \{2, 4, 12^2, 16, 48\})$	128
48	$\mathcal{O}(0; \{2, 4, 8, 16, 24, 48\})$	512
48	$\mathcal{O}(0; \{2, 3, 16, 24^2, 48\})$	768
48	$\mathcal{O}(0; \{2^3, 3, 8, 48^2\})$	64
48	$\mathcal{O}(0; \{3, 4^2, 8, 48^2\})$	256
48	$\mathcal{O}(0; \{3^2, 6, 8, 48^2\})$	320
48	$\mathcal{O}(0; \{2, 6^2, 8, 48^2\})$	192
48	$\mathcal{O}(0; \{2, 4, 8, 12, 48^2\})$	256
48	$\mathcal{O}(0; \{2, 3, 16^2, 48^2\})$	1024
48	$\mathcal{O}(0; \{3^2, 4, 24, 48^2\})$	640
48	$\mathcal{O}(0; \{2, 4, 6, 24, 48^2\})$	384
48	$\mathcal{O}(0; \{2, 3, 12, 24, 48^2\})$	640
49	$\mathcal{O}(1; \{49^3\})$	3529470
50	$\mathcal{O}(1; \{25^3\})$	562500
50	$\mathcal{O}(0; \{2^4, 25^3\})$	300
50	$\mathcal{O}(0; \{2^2, 25^2, 50^2\})$	6500
50	$\mathcal{O}(0; \{25, 50^4\})$	127500
51	$\mathcal{O}(1; \{17^3\})$	554880

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
51	$\mathcal{O}(0; \{3^3, 17^3\})$	480
51	$\mathcal{O}(0; \{17^2, 51^3\})$	123360
52	$\mathcal{O}(1; \{13^3\})$	267696
52	$\mathcal{O}(0; \{2, 4^2, 13^3\})$	264
52	$\mathcal{O}(0; \{13^2, 26, 52^2\})$	38280
54	$\mathcal{O}(1; \{3^4\})$	11664
54	$\mathcal{O}(1; \{2, 3^2, 6\})$	5184
54	$\mathcal{O}(1; \{2^2, 6^2\})$	5184
54	$\mathcal{O}(1; \{9^3\})$	34992
54	$\mathcal{O}(1; \{6, 9, 18\})$	31104
54	$\mathcal{O}(0; \{6, 18, 27^3\})$	1944
54	$\mathcal{O}(0; \{2, 3^2, 9, 27, 54\})$	432
54	$\mathcal{O}(0; \{2^2, 6, 9, 27, 54\})$	216
54	$\mathcal{O}(0; \{9^2, 18, 27, 54\})$	3888
54	$\mathcal{O}(0; \{6, 18^2, 27, 54\})$	1296
54	$\mathcal{O}(0; \{6, 9, 54^3\})$	1944
56	$\mathcal{O}(1; \{7^3\})$	70560
56	$\mathcal{O}(1; \{4, 7, 28\})$	28224
56	$\mathcal{O}(0; \{2^2, 7, 8^2, 28\})$	48
56	$\mathcal{O}(0; \{8^2, 14^2, 28\})$	240
56	$\mathcal{O}(0; \{2^2, 7^2, 8, 56\})$	120
56	$\mathcal{O}(0; \{7, 8, 14^2, 56\})$	744
56	$\mathcal{O}(0; \{2^2, 4, 8, 28, 56\})$	96
56	$\mathcal{O}(0; \{8^3, 28, 56\})$	768
56	$\mathcal{O}(0; \{2^2, 4, 7, 56^2\})$	240
56	$\mathcal{O}(0; \{7, 8^2, 56^2\})$	1920
56	$\mathcal{O}(0; \{4, 14^2, 56^2\})$	1488
56	$\mathcal{O}(0; \{4, 8, 56^3\})$	3840
57	$\mathcal{O}(0; \{3, 19^2, 57^2\})$	11052
60	$\mathcal{O}(1; \{5^3\})$	28800
60	$\mathcal{O}(1; \{3, 5, 15\})$	21600
60	$\mathcal{O}(1; \{2, 20^2\})$	25600
60	$\mathcal{O}(1; \{2, 15, 30\})$	21600
60	$\mathcal{O}(0; \{2, 3, 4^2, 5, 15\})$	16
60	$\mathcal{O}(0; \{2^2, 4, 5, 12, 15\})$	16
60	$\mathcal{O}(0; \{4, 10^2, 12, 15\})$	48
60	$\mathcal{O}(0; \{5, 6, 12^2, 15\})$	48
60	$\mathcal{O}(0; \{5, 6, 10, 12, 20\})$	48
60	$\mathcal{O}(0; \{5^2, 12, 15, 20\})$	208
60	$\mathcal{O}(0; \{4, 6, 15^2, 20\})$	48
60	$\mathcal{O}(0; \{3, 12, 15^2, 20\})$	144
60	$\mathcal{O}(0; \{2, 3^3, 20^2\})$	16
60	$\mathcal{O}(0; \{2^2, 3, 6, 20^2\})$	16

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{6^3, 20^2\})$	16
60	$\mathcal{O}(0; \{4, 6, 12, 20^2\})$	64
60	$\mathcal{O}(0; \{3, 12^2, 20^2\})$	64
60	$\mathcal{O}(0; \{3, 10, 15, 20^2\})$	208
60	$\mathcal{O}(0; \{5^2, 12^2, 30\})$	48
60	$\mathcal{O}(0; \{2^2, 4^2, 15, 30\})$	16
60	$\mathcal{O}(0; \{4, 6, 12, 15, 30\})$	48
60	$\mathcal{O}(0; \{3, 12^2, 15, 30\})$	80
60	$\mathcal{O}(0; \{4, 6, 10, 20, 30\})$	48
60	$\mathcal{O}(0; \{3, 10, 12, 20, 30\})$	48
60	$\mathcal{O}(0; \{4, 5, 15, 20, 30\})$	208
60	$\mathcal{O}(0; \{4, 5, 12, 30^2\})$	48
60	$\mathcal{O}(0; \{4^2, 30^3\})$	48
60	$\mathcal{O}(0; \{5^2, 10, 12, 60\})$	208
60	$\mathcal{O}(0; \{4, 6, 10, 15, 60\})$	48
60	$\mathcal{O}(0; \{3, 10, 12, 15, 60\})$	144
60	$\mathcal{O}(0; \{4, 5, 15^2, 60\})$	208
60	$\mathcal{O}(0; \{2^2, 3, 5, 20, 60\})$	48
60	$\mathcal{O}(0; \{5, 6^2, 20, 60\})$	48
60	$\mathcal{O}(0; \{3, 10^2, 20, 60\})$	208
60	$\mathcal{O}(0; \{4, 5, 12, 20, 60\})$	192
60	$\mathcal{O}(0; \{4, 5, 10, 30, 60\})$	208
60	$\mathcal{O}(0; \{2^3, 20, 30, 60\})$	48
60	$\mathcal{O}(0; \{4^2, 20, 30, 60\})$	192
60	$\mathcal{O}(0; \{3, 6, 20, 30, 60\})$	144
60	$\mathcal{O}(0; \{5^2, 6, 60^2\})$	208
60	$\mathcal{O}(0; \{2^3, 15, 60^2\})$	48
60	$\mathcal{O}(0; \{4^2, 15, 60^2\})$	192
60	$\mathcal{O}(0; \{3, 6, 15, 60^2\})$	240
60	$\mathcal{O}(0; \{3, 5, 30, 60^2\})$	624
60	$\mathcal{O}(0; \{2, 30^2, 60^2\})$	624
60	$\mathcal{O}(0; \{2, 20, 60^3\})$	832
63	$\mathcal{O}(0; \{3, 7, 9^2, 63\})$	216
63	$\mathcal{O}(0; \{3^2, 63^3\})$	2160
64	$\mathcal{O}(1; \{2, 8^2\})$	12288
66	$\mathcal{O}(0; \{2, 6, 11, 33^2\})$	180
66	$\mathcal{O}(0; \{3^2, 11, 22, 66\})$	180
66	$\mathcal{O}(0; \{2, 6, 11, 22, 66\})$	180
68	$\mathcal{O}(0; \{2, 4, 17^2, 68\})$	480
70	$\mathcal{O}(0; \{2, 5, 10, 14^2\})$	24
70	$\mathcal{O}(0; \{2, 5, 7, 14, 35\})$	120
70	$\mathcal{O}(0; \{2, 5^2, 35, 70\})$	312
72	$\mathcal{O}(2; \emptyset)$	24883200

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
72	$\mathcal{O}(1; \{2^4\})$	3456
72	$\mathcal{O}(1; \{3^3\})$	6912
72	$\mathcal{O}(1; \{2, 4^2\})$	6912
72	$\mathcal{O}(1; \{2, 3, 6\})$	6912
72	$\mathcal{O}(0; \{2, 4, 8, 9, 72\})$	48
72	$\mathcal{O}(0; \{2, 3, 9, 24, 72\})$	96
72	$\mathcal{O}(0; \{2, 3, 8, 36, 72\})$	96
73	$\mathcal{O}(1; \{73^2\})$	383688
74	$\mathcal{O}(1; \{37^2\})$	147852
74	$\mathcal{O}(0; \{2^4, 37^2\})$	36
74	$\mathcal{O}(0; \{2^2, 37, 74^2\})$	1260
74	$\mathcal{O}(0; \{74^4\})$	45396
75	$\mathcal{O}(1; \{25^2\})$	100000
75	$\mathcal{O}(0; \{3^3, 25^2\})$	40
75	$\mathcal{O}(0; \{25, 75^3\})$	13000
76	$\mathcal{O}(1; \{19^2\})$	77976
76	$\mathcal{O}(0; \{2, 4^2, 19^2\})$	36
76	$\mathcal{O}(0; \{19, 38, 76^2\})$	11052
77	$\mathcal{O}(0; \{11, 77^3\})$	27300
78	$\mathcal{O}(1; \{13^2\})$	48672
78	$\mathcal{O}(0; \{2, 3, 6, 13^2\})$	24
78	$\mathcal{O}(0; \{13, 26, 39, 78\})$	3192
80	$\mathcal{O}(1; \{10^2\})$	19200
80	$\mathcal{O}(0; \{16^2, 20, 40\})$	256
80	$\mathcal{O}(0; \{10, 16, 40, 80\})$	384
80	$\mathcal{O}(0; \{8, 20, 80^2\})$	768
81	$\mathcal{O}(1; \{9^2\})$	34992
84	$\mathcal{O}(1; \{7^2\})$	28224
84	$\mathcal{O}(0; \{12^2, 14, 21\})$	24
84	$\mathcal{O}(0; \{6, 21, 28^2\})$	120
84	$\mathcal{O}(0; \{7, 12, 28, 42\})$	120
84	$\mathcal{O}(0; \{7, 12, 21, 84\})$	120
84	$\mathcal{O}(0; \{6, 14, 28, 84\})$	120
84	$\mathcal{O}(0; \{2^2, 4, 42, 84\})$	24
84	$\mathcal{O}(0; \{6, 12, 42, 84\})$	72
84	$\mathcal{O}(0; \{4, 84^3\})$	480
88	$\mathcal{O}(0; \{8^2, 11, 44\})$	80
88	$\mathcal{O}(0; \{4, 11, 88^2\})$	720
90	$\mathcal{O}(1; \{5^2\})$	21600
90	$\mathcal{O}(0; \{5, 9, 18, 30\})$	48
90	$\mathcal{O}(0; \{6, 9, 10, 45\})$	48
90	$\mathcal{O}(0; \{5, 6, 45, 90\})$	144
90	$\mathcal{O}(0; \{3, 30, 45, 90\})$	288

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
96	$\mathcal{O}(1; \{4^2\})$	12288
96	$\mathcal{O}(0; \{3, 8, 32, 96\})$	128
98	$\mathcal{O}(0; \{2^3, 49, 98\})$	42
98	$\mathcal{O}(0; \{2, 98^3\})$	1470
99	$\mathcal{O}(0; \{3, 9, 11, 99\})$	120
100	$\mathcal{O}(0; \{4^2, 25, 50\})$	40
100	$\mathcal{O}(0; \{2, 25, 100^2\})$	600
102	$\mathcal{O}(0; \{3, 6, 17, 34\})$	32
102	$\mathcal{O}(0; \{2, 17, 51, 102\})$	480
108	$\mathcal{O}(1; \{3^2\})$	15552
111	$\mathcal{O}(0; \{3^2, 37, 111\})$	72
112	$\mathcal{O}(0; \{2, 7, 16, 112\})$	48
114	$\mathcal{O}(0; \{2, 6, 19, 57\})$	36
126	$\mathcal{O}(0; \{2, 3, 63, 126\})$	72
144	$\mathcal{O}(1; \{2^2\})$	13824
146	$\mathcal{O}(0; \{2^2, 146^2\})$	72
147	$\mathcal{O}(0; \{147^3\})$	2940
148	$\mathcal{O}(0; \{74, 148^2\})$	2520
150	$\mathcal{O}(0; \{50, 75, 150\})$	600
154	$\mathcal{O}(0; \{22, 77, 154\})$	540
168	$\mathcal{O}(0; \{8, 84, 168\})$	96
196	$\mathcal{O}(0; \{4, 98, 196\})$	84
219	$\mathcal{O}(0; \{3, 219^2\})$	144
222	$\mathcal{O}(0; \{3, 74, 222\})$	72
292	$\mathcal{O}(0; \{2, 292^2\})$	144
294	$\mathcal{O}(0; \{2, 147, 294\})$	84

Table 4: 74-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(74; \emptyset)$	1
2	$\mathcal{O}(37; \{2^2\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^6\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{10}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{14}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{18}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{22}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{26}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{30}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{34}\})$	288230376151711744

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(28; \{2^{38}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{42}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{46}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{50}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{54}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{58}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{62}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{66}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{70}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{74}\})$	274877906944
2	$\mathcal{O}(18; \{2^{78}\})$	68719476736
2	$\mathcal{O}(17; \{2^{82}\})$	17179869184
2	$\mathcal{O}(16; \{2^{86}\})$	4294967296
2	$\mathcal{O}(15; \{2^{90}\})$	1073741824
2	$\mathcal{O}(14; \{2^{94}\})$	268435456
2	$\mathcal{O}(13; \{2^{98}\})$	67108864
2	$\mathcal{O}(12; \{2^{102}\})$	16777216
2	$\mathcal{O}(11; \{2^{106}\})$	4194304
2	$\mathcal{O}(10; \{2^{110}\})$	1048576
2	$\mathcal{O}(9; \{2^{114}\})$	262144
2	$\mathcal{O}(8; \{2^{118}\})$	65536
2	$\mathcal{O}(7; \{2^{122}\})$	16384
2	$\mathcal{O}(6; \{2^{126}\})$	4096
2	$\mathcal{O}(5; \{2^{130}\})$	1024
2	$\mathcal{O}(4; \{2^{134}\})$	256
2	$\mathcal{O}(3; \{2^{138}\})$	64
2	$\mathcal{O}(2; \{2^{142}\})$	16
2	$\mathcal{O}(1; \{2^{146}\})$	4
2	$\mathcal{O}(0; \{2^{150}\})$	1
3	$\mathcal{O}(24; \{3^4\})$	478598658461235059180166
3	$\mathcal{O}(23; \{3^7\})$	372243401025405046029018
3	$\mathcal{O}(22; \{3^{10}\})$	336791648546795041645302
3	$\mathcal{O}(21; \{3^{13}\})$	298713840329028740640570
3	$\mathcal{O}(20; \{3^{16}\})$	265596359618557666586646
3	$\mathcal{O}(19; \{3^{19}\})$	236077547883967443457818
3	$\mathcal{O}(18; \{3^{22}\})$	209847609798005065068342
3	$\mathcal{O}(17; \{3^{25}\})$	186531108646247637616890
3	$\mathcal{O}(16; \{3^{28}\})$	165805441025896810992726
3	$\mathcal{O}(15; \{3^{31}\})$	147382613009894817203418
3	$\mathcal{O}(14; \{3^{34}\})$	131006767257167258910582
3	$\mathcal{O}(13; \{3^{37}\})$	116450459768897479617210
3	$\mathcal{O}(12; \{3^{40}\})$	103511519796270114656406
3	$\mathcal{O}(11; \{3^{43}\})$	92010239818718482225818

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(10; \{3^{46}\})$	81786879838881793796022
3	$\mathcal{O}(9; \{3^{49}\})$	72699448745670381073530
3	$\mathcal{O}(8; \{3^{52}\})$	64621732218373930345686
3	$\mathcal{O}(7; \{3^{55}\})$	57441539749665687165018
3	$\mathcal{O}(6; \{3^{58}\})$	51059146444147280668662
3	$\mathcal{O}(5; \{3^{61}\})$	45385907950353138017850
3	$\mathcal{O}(4; \{3^{64}\})$	40343029289202789388566
3	$\mathcal{O}(3; \{3^{67}\})$	35860470479291368341018
3	$\mathcal{O}(2; \{3^{70}\})$	31875973759370105192502
3	$\mathcal{O}(1; \{3^{73}\})$	28334198897217871282170
3	$\mathcal{O}(0; \{3^{76}\})$	25185954575304774473046
4	$\mathcal{O}(18; \{2^2, 4^2\})$	9444732965739290427392
4	$\mathcal{O}(17; \{2^6, 4^2\})$	590295810358705651712
4	$\mathcal{O}(17; \{2^3, 4^4\})$	2361183241434822606848
4	$\mathcal{O}(17; \{4^6\})$	9444732965739290427392
4	$\mathcal{O}(16; \{2^{10}, 4^2\})$	36893488147419103232
4	$\mathcal{O}(16; \{2^7, 4^4\})$	147573952589676412928
4	$\mathcal{O}(16; \{2^4, 4^6\})$	590295810358705651712
4	$\mathcal{O}(16; \{2, 4^8\})$	2361183241434822606848
4	$\mathcal{O}(15; \{2^{14}, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2^{11}, 4^4\})$	9223372036854775808
4	$\mathcal{O}(15; \{2^8, 4^6\})$	36893488147419103232
4	$\mathcal{O}(15; \{2^5, 4^8\})$	147573952589676412928
4	$\mathcal{O}(15; \{2^2, 4^{10}\})$	590295810358705651712
4	$\mathcal{O}(14; \{2^{18}, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^{15}, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^{12}, 4^6\})$	2305843009213693952
4	$\mathcal{O}(14; \{2^9, 4^8\})$	9223372036854775808
4	$\mathcal{O}(14; \{2^6, 4^{10}\})$	36893488147419103232
4	$\mathcal{O}(14; \{2^3, 4^{12}\})$	147573952589676412928
4	$\mathcal{O}(14; \{4^{14}\})$	590295810358705651712
4	$\mathcal{O}(13; \{2^{22}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^{19}, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^{16}, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^{13}, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{2^{10}, 4^{10}\})$	2305843009213693952
4	$\mathcal{O}(13; \{2^7, 4^{12}\})$	9223372036854775808
4	$\mathcal{O}(13; \{2^4, 4^{14}\})$	36893488147419103232
4	$\mathcal{O}(13; \{2, 4^{16}\})$	147573952589676412928
4	$\mathcal{O}(12; \{2^{26}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{23}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{20}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^{17}, 4^8\})$	36028797018963968

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(12; \{2^{14}, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2^{11}, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(12; \{2^8, 4^{14}\})$	2305843009213693952
4	$\mathcal{O}(12; \{2^5, 4^{16}\})$	9223372036854775808
4	$\mathcal{O}(12; \{2^2, 4^{18}\})$	36893488147419103232
4	$\mathcal{O}(11; \{2^{30}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{27}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{24}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{21}, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^{18}, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^{15}, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(11; \{2^{12}, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(11; \{2^9, 4^{16}\})$	576460752303423488
4	$\mathcal{O}(11; \{2^6, 4^{18}\})$	2305843009213693952
4	$\mathcal{O}(11; \{2^3, 4^{20}\})$	9223372036854775808
4	$\mathcal{O}(11; \{4^{22}\})$	36893488147419103232
4	$\mathcal{O}(10; \{2^{34}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{31}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{28}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{25}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^{22}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^{19}, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^{16}, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^{13}, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(10; \{2^{10}, 4^{18}\})$	144115188075855872
4	$\mathcal{O}(10; \{2^7, 4^{20}\})$	576460752303423488
4	$\mathcal{O}(10; \{2^4, 4^{22}\})$	2305843009213693952
4	$\mathcal{O}(10; \{2, 4^{24}\})$	9223372036854775808
4	$\mathcal{O}(9; \{2^{38}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{35}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{32}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{29}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{26}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{23}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^{20}, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^{17}, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^{14}, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(9; \{2^{11}, 4^{20}\})$	36028797018963968
4	$\mathcal{O}(9; \{2^8, 4^{22}\})$	144115188075855872
4	$\mathcal{O}(9; \{2^5, 4^{24}\})$	576460752303423488
4	$\mathcal{O}(9; \{2^2, 4^{26}\})$	2305843009213693952
4	$\mathcal{O}(8; \{2^{42}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{39}, 4^4\})$	34359738368

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(8; \{2^{36}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{33}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{30}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{27}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{24}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^{21}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^{18}, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^{15}, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^{12}, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(8; \{2^9, 4^{24}\})$	36028797018963968
4	$\mathcal{O}(8; \{2^6, 4^{26}\})$	144115188075855872
4	$\mathcal{O}(8; \{2^3, 4^{28}\})$	576460752303423488
4	$\mathcal{O}(8; \{4^{30}\})$	2305843009213693952
4	$\mathcal{O}(7; \{2^{46}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{43}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{40}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{37}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{34}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{31}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{28}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{25}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{22}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^{19}, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^{16}, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^{13}, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(7; \{2^{10}, 4^{26}\})$	9007199254740992
4	$\mathcal{O}(7; \{2^7, 4^{28}\})$	36028797018963968
4	$\mathcal{O}(7; \{2^4, 4^{30}\})$	144115188075855872
4	$\mathcal{O}(7; \{2, 4^{32}\})$	576460752303423488
4	$\mathcal{O}(6; \{2^{50}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{47}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{44}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{41}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{38}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{35}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{32}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{29}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{26}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{23}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{20}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^{17}, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^{14}, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2^{11}, 4^{28}\})$	2251799813685248

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(6; \{2^8, 4^{30}\})$	9007199254740992
4	$\mathcal{O}(6; \{2^5, 4^{32}\})$	36028797018963968
4	$\mathcal{O}(6; \{2^2, 4^{34}\})$	144115188075855872
4	$\mathcal{O}(5; \{2^{54}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{51}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{48}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{45}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{42}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{39}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{36}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{33}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{30}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{27}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{24}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{21}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^{18}, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^{15}, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2^{12}, 4^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{2^9, 4^{32}\})$	2251799813685248
4	$\mathcal{O}(5; \{2^6, 4^{34}\})$	9007199254740992
4	$\mathcal{O}(5; \{2^3, 4^{36}\})$	36028797018963968
4	$\mathcal{O}(5; \{4^{38}\})$	144115188075855872
4	$\mathcal{O}(4; \{2^{58}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{55}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{52}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{49}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{46}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{43}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{40}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{37}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{34}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{31}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{28}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{25}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{22}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^{19}, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^{16}, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^{13}, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{2^{10}, 4^{34}\})$	562949953421312
4	$\mathcal{O}(4; \{2^7, 4^{36}\})$	2251799813685248
4	$\mathcal{O}(4; \{2^4, 4^{38}\})$	9007199254740992
4	$\mathcal{O}(4; \{2, 4^{40}\})$	36028797018963968
4	$\mathcal{O}(3; \{2^{62}, 4^2\})$	8192

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{2^{59}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{56}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{53}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{50}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{47}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{44}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{41}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{38}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{35}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{32}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{29}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{26}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{23}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{20}, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^{17}, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^{14}, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{2^{11}, 4^{36}\})$	140737488355328
4	$\mathcal{O}(3; \{2^8, 4^{38}\})$	562949953421312
4	$\mathcal{O}(3; \{2^5, 4^{40}\})$	2251799813685248
4	$\mathcal{O}(3; \{2^2, 4^{42}\})$	9007199254740992
4	$\mathcal{O}(2; \{2^{66}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{63}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{60}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{57}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{54}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{51}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{48}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{45}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{42}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{39}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{36}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{33}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{30}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{27}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{24}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{21}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^{18}, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^{15}, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^{12}, 4^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{2^9, 4^{40}\})$	140737488355328
4	$\mathcal{O}(2; \{2^6, 4^{42}\})$	562949953421312
4	$\mathcal{O}(2; \{2^3, 4^{44}\})$	2251799813685248
4	$\mathcal{O}(2; \{4^{46}\})$	9007199254740992

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{2^{70}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{67}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{64}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{61}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{58}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{55}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{52}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{49}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{46}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{43}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{40}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{37}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{34}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{31}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{28}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{25}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{22}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^{19}, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^{16}, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^{13}, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{2^{10}, 4^{42}\})$	35184372088832
4	$\mathcal{O}(1; \{2^7, 4^{44}\})$	140737488355328
4	$\mathcal{O}(1; \{2^4, 4^{46}\})$	562949953421312
4	$\mathcal{O}(1; \{2, 4^{48}\})$	2251799813685248
4	$\mathcal{O}(0; \{2^{74}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{71}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{68}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{65}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{62}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{59}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{56}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{53}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{50}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{47}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{44}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{41}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{38}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{35}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{32}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{29}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{26}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{23}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{20}, 4^{38}\})$	137438953472

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{2^{17}, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^{14}, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2^{11}, 4^{44}\})$	8796093022208
4	$\mathcal{O}(0; \{2^8, 4^{46}\})$	35184372088832
4	$\mathcal{O}(0; \{2^5, 4^{48}\})$	140737488355328
4	$\mathcal{O}(0; \{2^2, 4^{50}\})$	562949953421312
5	$\mathcal{O}(14; \{5^4\})$	1937150955200195312500
5	$\mathcal{O}(12; \{5^9\})$	3124952316284179687500
5	$\mathcal{O}(10; \{5^{14}\})$	5120000076293945312500
5	$\mathcal{O}(8; \{5^{19}\})$	8388607999877929687500
5	$\mathcal{O}(6; \{5^{24}\})$	13743895347200195312500
5	$\mathcal{O}(4; \{5^{29}\})$	22517998136852479687500
5	$\mathcal{O}(2; \{5^{34}\})$	36893488147419103232500
5	$\mathcal{O}(0; \{5^{39}\})$	60446290980731458735308
6	$\mathcal{O}(12; \{2^2, 3^2\})$	9476762676643233792
6	$\mathcal{O}(12; \{3, 6^2\})$	9476762676643233792
6	$\mathcal{O}(11; \{2^6, 3^2\})$	263243407684534272
6	$\mathcal{O}(11; \{2^2, 3^5\})$	1316217038422671360
6	$\mathcal{O}(11; \{2^3, 3^3, 6\})$	789730223053602816
6	$\mathcal{O}(11; \{2^4, 3, 6^2\})$	263243407684534272
6	$\mathcal{O}(11; \{3^4, 6^2\})$	2895677484529876992
6	$\mathcal{O}(11; \{2, 3^2, 6^3\})$	1316217038422671360
6	$\mathcal{O}(11; \{2^2, 6^4\})$	789730223053602816
6	$\mathcal{O}(10; \{2^{10}, 3^2\})$	7312316880125952
6	$\mathcal{O}(10; \{2^6, 3^5\})$	36561584400629760
6	$\mathcal{O}(10; \{2^2, 3^8\})$	314429625845415936
6	$\mathcal{O}(10; \{2^7, 3^3, 6\})$	21936950640377856
6	$\mathcal{O}(10; \{2^3, 3^6, 6\})$	153558654482644992
6	$\mathcal{O}(10; \{2^8, 3, 6^2\})$	7312316880125952
6	$\mathcal{O}(10; \{2^4, 3^4, 6^2\})$	80435485681385472
6	$\mathcal{O}(10; \{3^7, 6^2\})$	621546934810705920
6	$\mathcal{O}(10; \{2^5, 3^2, 6^3\})$	36561584400629760
6	$\mathcal{O}(10; \{2, 3^5, 6^3\})$	314429625845415936
6	$\mathcal{O}(10; \{2^6, 6^4\})$	21936950640377856
6	$\mathcal{O}(10; \{2^2, 3^3, 6^4\})$	153558654482644992
6	$\mathcal{O}(10; \{2^3, 3, 6^5\})$	80435485681385472
6	$\mathcal{O}(10; \{3^2, 6^6\})$	314429625845415936
6	$\mathcal{O}(10; \{2, 6^7\})$	153558654482644992
6	$\mathcal{O}(9; \{2^{14}, 3^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^{10}, 3^5\})$	1015599566684160
6	$\mathcal{O}(9; \{2^6, 3^8\})$	8734156273483776
6	$\mathcal{O}(9; \{2^2, 3^{11}\})$	69263890447859712
6	$\mathcal{O}(9; \{2^{11}, 3^3, 6\})$	609359740010496

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{2^7, 3^6, 6\})$	4265518180073472
6	$\mathcal{O}(9; \{2^3, 3^9, 6\})$	34733505180598272
6	$\mathcal{O}(9; \{2^{12}, 3, 6^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^8, 3^4, 6^2\})$	2234319046705152
6	$\mathcal{O}(9; \{2^4, 3^7, 6^2\})$	17265192633630720
6	$\mathcal{O}(9; \{3^{10}, 6^2\})$	138730900809056256
6	$\mathcal{O}(9; \{2^9, 3^2, 6^3\})$	1015599566684160
6	$\mathcal{O}(9; \{2^5, 3^5, 6^3\})$	8734156273483776
6	$\mathcal{O}(9; \{2, 3^8, 6^3\})$	69263890447859712
6	$\mathcal{O}(9; \{2^{10}, 6^4\})$	609359740010496
6	$\mathcal{O}(9; \{2^6, 3^3, 6^4\})$	4265518180073472
6	$\mathcal{O}(9; \{2^2, 3^6, 6^4\})$	34733505180598272
6	$\mathcal{O}(9; \{2^7, 3, 6^5\})$	2234319046705152
6	$\mathcal{O}(9; \{2^3, 3^4, 6^5\})$	17265192633630720
6	$\mathcal{O}(9; \{2^4, 3^2, 6^6\})$	8734156273483776
6	$\mathcal{O}(9; \{3^5, 6^6\})$	69263890447859712
6	$\mathcal{O}(9; \{2^5, 6^7\})$	4265518180073472
6	$\mathcal{O}(9; \{2, 3^3, 6^7\})$	34733505180598272
6	$\mathcal{O}(9; \{2^2, 3, 6^8\})$	17265192633630720
6	$\mathcal{O}(9; \{6^{10}\})$	34733505180598272
6	$\mathcal{O}(8; \{2^{18}, 3^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^{14}, 3^5\})$	28211099074560
6	$\mathcal{O}(8; \{2^{10}, 3^8\})$	242615452041216
6	$\mathcal{O}(8; \{2^6, 3^{11}\})$	1923996956884992
6	$\mathcal{O}(8; \{2^2, 3^{14}\})$	15408902314524672
6	$\mathcal{O}(8; \{2^{15}, 3^3, 6\})$	16926659444736
6	$\mathcal{O}(8; \{2^{11}, 3^6, 6\})$	118486616113152
6	$\mathcal{O}(8; \{2^7, 3^9, 6\})$	964819588349952
6	$\mathcal{O}(8; \{2^3, 3^{12}, 6\})$	7701630047354880
6	$\mathcal{O}(8; \{2^{16}, 3, 6^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^{12}, 3^4, 6^2\})$	62064417964032
6	$\mathcal{O}(8; \{2^8, 3^7, 6^2\})$	479588684267520
6	$\mathcal{O}(8; \{2^4, 3^{10}, 6^2\})$	3853636133584896
6	$\mathcal{O}(8; \{3^{13}, 6^2\})$	30812162409234432
6	$\mathcal{O}(8; \{2^{13}, 3^2, 6^3\})$	28211099074560
6	$\mathcal{O}(8; \{2^9, 3^5, 6^3\})$	242615452041216
6	$\mathcal{O}(8; \{2^5, 3^8, 6^3\})$	1923996956884992
6	$\mathcal{O}(8; \{2, 3^{11}, 6^3\})$	15408902314524672
6	$\mathcal{O}(8; \{2^{14}, 6^4\})$	16926659444736
6	$\mathcal{O}(8; \{2^{10}, 3^3, 6^4\})$	118486616113152
6	$\mathcal{O}(8; \{2^6, 3^6, 6^4\})$	964819588349952
6	$\mathcal{O}(8; \{2^2, 3^9, 6^4\})$	7701630047354880
6	$\mathcal{O}(8; \{2^{11}, 3, 6^5\})$	62064417964032

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{2^7, 3^4, 6^5\})$	479588684267520
6	$\mathcal{O}(8; \{2^3, 3^7, 6^5\})$	3853636133584896
6	$\mathcal{O}(8; \{2^8, 3^2, 6^6\})$	242615452041216
6	$\mathcal{O}(8; \{2^4, 3^5, 6^6\})$	1923996956884992
6	$\mathcal{O}(8; \{3^8, 6^6\})$	15408902314524672
6	$\mathcal{O}(8; \{2^9, 6^7\})$	118486616113152
6	$\mathcal{O}(8; \{2^5, 3^3, 6^7\})$	964819588349952
6	$\mathcal{O}(8; \{2, 3^6, 6^7\})$	7701630047354880
6	$\mathcal{O}(8; \{2^6, 3, 6^8\})$	479588684267520
6	$\mathcal{O}(8; \{2^2, 3^4, 6^8\})$	3853636133584896
6	$\mathcal{O}(8; \{2^3, 3^2, 6^9\})$	1923996956884992
6	$\mathcal{O}(8; \{2^4, 6^{10}\})$	964819588349952
6	$\mathcal{O}(8; \{3^3, 6^{10}\})$	7701630047354880
6	$\mathcal{O}(8; \{2, 3, 6^{11}\})$	3853636133584896
6	$\mathcal{O}(7; \{2^{22}, 3^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{18}, 3^5\})$	783641640960
6	$\mathcal{O}(7; \{2^{14}, 3^8\})$	6739318112256
6	$\mathcal{O}(7; \{2^{10}, 3^{11}\})$	53444359913472
6	$\mathcal{O}(7; \{2^6, 3^{14}\})$	428025064292352
6	$\mathcal{O}(7; \{2^2, 3^{17}\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{19}, 3^3, 6\})$	470184984576
6	$\mathcal{O}(7; \{2^{15}, 3^6, 6\})$	3291294892032
6	$\mathcal{O}(7; \{2^{11}, 3^9, 6\})$	26800544120832
6	$\mathcal{O}(7; \{2^7, 3^{12}, 6\})$	213934167982080
6	$\mathcal{O}(7; \{2^3, 3^{15}, 6\})$	1711943528841216
6	$\mathcal{O}(7; \{2^{20}, 3, 6^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{16}, 3^4, 6^2\})$	1724011610112
6	$\mathcal{O}(7; \{2^{12}, 3^7, 6^2\})$	13321907896320
6	$\mathcal{O}(7; \{2^8, 3^{10}, 6^2\})$	107045448155136
6	$\mathcal{O}(7; \{2^4, 3^{13}, 6^2\})$	855893400256512
6	$\mathcal{O}(7; \{3^{16}, 6^2\})$	6847617387036672
6	$\mathcal{O}(7; \{2^{17}, 3^2, 6^3\})$	783641640960
6	$\mathcal{O}(7; \{2^{13}, 3^5, 6^3\})$	6739318112256
6	$\mathcal{O}(7; \{2^9, 3^8, 6^3\})$	53444359913472
6	$\mathcal{O}(7; \{2^5, 3^{11}, 6^3\})$	428025064292352
6	$\mathcal{O}(7; \{2, 3^{14}, 6^3\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{18}, 6^4\})$	470184984576
6	$\mathcal{O}(7; \{2^{14}, 3^3, 6^4\})$	3291294892032
6	$\mathcal{O}(7; \{2^{10}, 3^6, 6^4\})$	26800544120832
6	$\mathcal{O}(7; \{2^6, 3^9, 6^4\})$	213934167982080
6	$\mathcal{O}(7; \{2^2, 3^{12}, 6^4\})$	1711943528841216
6	$\mathcal{O}(7; \{2^{15}, 3, 6^5\})$	1724011610112
6	$\mathcal{O}(7; \{2^{11}, 3^4, 6^5\})$	13321907896320

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{2^7, 3^7, 6^5\})$	107045448155136
6	$\mathcal{O}(7; \{2^3, 3^{10}, 6^5\})$	855893400256512
6	$\mathcal{O}(7; \{2^{12}, 3^2, 6^6\})$	6739318112256
6	$\mathcal{O}(7; \{2^8, 3^5, 6^6\})$	53444359913472
6	$\mathcal{O}(7; \{2^4, 3^8, 6^6\})$	428025064292352
6	$\mathcal{O}(7; \{3^{11}, 6^6\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{13}, 6^7\})$	3291294892032
6	$\mathcal{O}(7; \{2^9, 3^3, 6^7\})$	26800544120832
6	$\mathcal{O}(7; \{2^5, 3^6, 6^7\})$	213934167982080
6	$\mathcal{O}(7; \{2, 3^9, 6^7\})$	1711943528841216
6	$\mathcal{O}(7; \{2^{10}, 3, 6^8\})$	13321907896320
6	$\mathcal{O}(7; \{2^6, 3^4, 6^8\})$	107045448155136
6	$\mathcal{O}(7; \{2^2, 3^7, 6^8\})$	855893400256512
6	$\mathcal{O}(7; \{2^7, 3^2, 6^9\})$	53444359913472
6	$\mathcal{O}(7; \{2^3, 3^5, 6^9\})$	428025064292352
6	$\mathcal{O}(7; \{2^8, 6^{10}\})$	26800544120832
6	$\mathcal{O}(7; \{2^4, 3^3, 6^{10}\})$	213934167982080
6	$\mathcal{O}(7; \{3^6, 6^{10}\})$	1711943528841216
6	$\mathcal{O}(7; \{2^5, 3, 6^{11}\})$	107045448155136
6	$\mathcal{O}(7; \{2, 3^4, 6^{11}\})$	855893400256512
6	$\mathcal{O}(7; \{2^2, 3^2, 6^{12}\})$	428025064292352
6	$\mathcal{O}(7; \{2^3, 6^{13}\})$	213934167982080
6	$\mathcal{O}(7; \{3, 6^{14}\})$	855893400256512
6	$\mathcal{O}(6; \{2^{26}, 3^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{22}, 3^5\})$	21767823360
6	$\mathcal{O}(6; \{2^{18}, 3^8\})$	187203280896
6	$\mathcal{O}(6; \{2^{14}, 3^{11}\})$	1484565553152
6	$\mathcal{O}(6; \{2^{10}, 3^{14}\})$	11889585119232
6	$\mathcal{O}(6; \{2^6, 3^{17}\})$	95103620259840
6	$\mathcal{O}(6; \{2^2, 3^{20}\})$	760842022772736
6	$\mathcal{O}(6; \{2^{23}, 3^3, 6\})$	13060694016
6	$\mathcal{O}(6; \{2^{19}, 3^6, 6\})$	91424858112
6	$\mathcal{O}(6; \{2^{15}, 3^9, 6\})$	744459558912
6	$\mathcal{O}(6; \{2^{11}, 3^{12}, 6\})$	5942615777280
6	$\mathcal{O}(6; \{2^7, 3^{15}, 6\})$	47553986912256
6	$\mathcal{O}(6; \{2^3, 3^{18}, 6\})$	380418834604032
6	$\mathcal{O}(6; \{2^{24}, 3, 6^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{20}, 3^4, 6^2\})$	47889211392
6	$\mathcal{O}(6; \{2^{16}, 3^7, 6^2\})$	370052997120
6	$\mathcal{O}(6; \{2^{12}, 3^{10}, 6^2\})$	2973484670976
6	$\mathcal{O}(6; \{2^8, 3^{13}, 6^2\})$	23774816673792
6	$\mathcal{O}(6; \{2^4, 3^{16}, 6^2\})$	190211594084352
6	$\mathcal{O}(6; \{3^{19}, 6^2\})$	1521679691980800

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^{21}, 3^2, 6^3\})$	21767823360
6	$\mathcal{O}(6; \{2^{17}, 3^5, 6^3\})$	187203280896
6	$\mathcal{O}(6; \{2^{13}, 3^8, 6^3\})$	1484565553152
6	$\mathcal{O}(6; \{2^9, 3^{11}, 6^3\})$	11889585119232
6	$\mathcal{O}(6; \{2^5, 3^{14}, 6^3\})$	95103620259840
6	$\mathcal{O}(6; \{2, 3^{17}, 6^3\})$	760842022772736
6	$\mathcal{O}(6; \{2^{22}, 6^4\})$	13060694016
6	$\mathcal{O}(6; \{2^{18}, 3^3, 6^4\})$	91424858112
6	$\mathcal{O}(6; \{2^{14}, 3^6, 6^4\})$	744459558912
6	$\mathcal{O}(6; \{2^{10}, 3^9, 6^4\})$	5942615777280
6	$\mathcal{O}(6; \{2^6, 3^{12}, 6^4\})$	47553986912256
6	$\mathcal{O}(6; \{2^2, 3^{15}, 6^4\})$	380418834604032
6	$\mathcal{O}(6; \{2^{19}, 3, 6^5\})$	47889211392
6	$\mathcal{O}(6; \{2^{15}, 3^4, 6^5\})$	370052997120
6	$\mathcal{O}(6; \{2^{11}, 3^7, 6^5\})$	2973484670976
6	$\mathcal{O}(6; \{2^7, 3^{10}, 6^5\})$	23774816673792
6	$\mathcal{O}(6; \{2^3, 3^{13}, 6^5\})$	190211594084352
6	$\mathcal{O}(6; \{2^{16}, 3^2, 6^6\})$	187203280896
6	$\mathcal{O}(6; \{2^{12}, 3^5, 6^6\})$	1484565553152
6	$\mathcal{O}(6; \{2^8, 3^8, 6^6\})$	11889585119232
6	$\mathcal{O}(6; \{2^4, 3^{11}, 6^6\})$	95103620259840
6	$\mathcal{O}(6; \{3^{14}, 6^6\})$	760842022772736
6	$\mathcal{O}(6; \{2^{17}, 6^7\})$	91424858112
6	$\mathcal{O}(6; \{2^{13}, 3^3, 6^7\})$	744459558912
6	$\mathcal{O}(6; \{2^9, 3^6, 6^7\})$	5942615777280
6	$\mathcal{O}(6; \{2^5, 3^9, 6^7\})$	47553986912256
6	$\mathcal{O}(6; \{2, 3^{12}, 6^7\})$	380418834604032
6	$\mathcal{O}(6; \{2^{14}, 3, 6^8\})$	370052997120
6	$\mathcal{O}(6; \{2^{10}, 3^4, 6^8\})$	2973484670976
6	$\mathcal{O}(6; \{2^6, 3^7, 6^8\})$	23774816673792
6	$\mathcal{O}(6; \{2^2, 3^{10}, 6^8\})$	190211594084352
6	$\mathcal{O}(6; \{2^{11}, 3^2, 6^9\})$	1484565553152
6	$\mathcal{O}(6; \{2^7, 3^5, 6^9\})$	11889585119232
6	$\mathcal{O}(6; \{2^3, 3^8, 6^9\})$	95103620259840
6	$\mathcal{O}(6; \{2^{12}, 6^{10}\})$	744459558912
6	$\mathcal{O}(6; \{2^8, 3^3, 6^{10}\})$	5942615777280
6	$\mathcal{O}(6; \{2^4, 3^6, 6^{10}\})$	47553986912256
6	$\mathcal{O}(6; \{3^9, 6^{10}\})$	380418834604032
6	$\mathcal{O}(6; \{2^9, 3, 6^{11}\})$	2973484670976
6	$\mathcal{O}(6; \{2^5, 3^4, 6^{11}\})$	23774816673792
6	$\mathcal{O}(6; \{2, 3^7, 6^{11}\})$	190211594084352
6	$\mathcal{O}(6; \{2^6, 3^2, 6^{12}\})$	11889585119232
6	$\mathcal{O}(6; \{2^2, 3^5, 6^{12}\})$	95103620259840

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^7, 6^{13}\})$	5942615777280
6	$\mathcal{O}(6; \{2^3, 3^3, 6^{13}\})$	47553986912256
6	$\mathcal{O}(6; \{2^4, 3, 6^{14}\})$	23774816673792
6	$\mathcal{O}(6; \{3^4, 6^{14}\})$	190211594084352
6	$\mathcal{O}(6; \{2, 3^2, 6^{15}\})$	95103620259840
6	$\mathcal{O}(6; \{2^2, 6^{16}\})$	47553986912256
6	$\mathcal{O}(5; \{2^{30}, 3^2\})$	120932352
6	$\mathcal{O}(5; \{2^{26}, 3^5\})$	604661760
6	$\mathcal{O}(5; \{2^{22}, 3^8\})$	5200091136
6	$\mathcal{O}(5; \{2^{18}, 3^{11}\})$	41237932032
6	$\mathcal{O}(5; \{2^{14}, 3^{14}\})$	330266253312
6	$\mathcal{O}(5; \{2^{10}, 3^{17}\})$	2641767229440
6	$\mathcal{O}(5; \{2^6, 3^{20}\})$	21134500632576
6	$\mathcal{O}(5; \{2^2, 3^{23}\})$	169075642263552
6	$\mathcal{O}(5; \{2^{27}, 3^3, 6\})$	362797056
6	$\mathcal{O}(5; \{2^{23}, 3^6, 6\})$	2539579392
6	$\mathcal{O}(5; \{2^{19}, 3^9, 6\})$	20679432192
6	$\mathcal{O}(5; \{2^{15}, 3^{12}, 6\})$	165072660480
6	$\mathcal{O}(5; \{2^{11}, 3^{15}, 6\})$	1320944080896
6	$\mathcal{O}(5; \{2^7, 3^{18}, 6\})$	10567189850112
6	$\mathcal{O}(5; \{2^3, 3^{21}, 6\})$	84537881597952
6	$\mathcal{O}(5; \{2^{28}, 3, 6^2\})$	120932352
6	$\mathcal{O}(5; \{2^{24}, 3^4, 6^2\})$	1330255872
6	$\mathcal{O}(5; \{2^{20}, 3^7, 6^2\})$	10279249920
6	$\mathcal{O}(5; \{2^{16}, 3^{10}, 6^2\})$	82596796416
6	$\mathcal{O}(5; \{2^{12}, 3^{13}, 6^2\})$	660411574272
6	$\mathcal{O}(5; \{2^8, 3^{16}, 6^2\})$	5283655391232
6	$\mathcal{O}(5; \{2^4, 3^{19}, 6^2\})$	42268880332800
6	$\mathcal{O}(5; \{3^{22}, 6^2\})$	338151405459456
6	$\mathcal{O}(5; \{2^{25}, 3^2, 6^3\})$	604661760
6	$\mathcal{O}(5; \{2^{21}, 3^5, 6^3\})$	5200091136
6	$\mathcal{O}(5; \{2^{17}, 3^8, 6^3\})$	41237932032
6	$\mathcal{O}(5; \{2^{13}, 3^{11}, 6^3\})$	330266253312
6	$\mathcal{O}(5; \{2^9, 3^{14}, 6^3\})$	2641767229440
6	$\mathcal{O}(5; \{2^5, 3^{17}, 6^3\})$	21134500632576
6	$\mathcal{O}(5; \{2, 3^{20}, 6^3\})$	169075642263552
6	$\mathcal{O}(5; \{2^{26}, 6^4\})$	362797056
6	$\mathcal{O}(5; \{2^{22}, 3^3, 6^4\})$	2539579392
6	$\mathcal{O}(5; \{2^{18}, 3^6, 6^4\})$	20679432192
6	$\mathcal{O}(5; \{2^{14}, 3^9, 6^4\})$	165072660480
6	$\mathcal{O}(5; \{2^{10}, 3^{12}, 6^4\})$	1320944080896
6	$\mathcal{O}(5; \{2^6, 3^{15}, 6^4\})$	10567189850112
6	$\mathcal{O}(5; \{2^2, 3^{18}, 6^4\})$	84537881597952

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^{23}, 3, 6^5\})$	1330255872
6	$\mathcal{O}(5; \{2^{19}, 3^4, 6^5\})$	10279249920
6	$\mathcal{O}(5; \{2^{15}, 3^7, 6^5\})$	82596796416
6	$\mathcal{O}(5; \{2^{11}, 3^{10}, 6^5\})$	660411574272
6	$\mathcal{O}(5; \{2^7, 3^{13}, 6^5\})$	5283655391232
6	$\mathcal{O}(5; \{2^3, 3^{16}, 6^5\})$	42268880332800
6	$\mathcal{O}(5; \{2^{20}, 3^2, 6^6\})$	5200091136
6	$\mathcal{O}(5; \{2^{16}, 3^5, 6^6\})$	41237932032
6	$\mathcal{O}(5; \{2^{12}, 3^8, 6^6\})$	330266253312
6	$\mathcal{O}(5; \{2^8, 3^{11}, 6^6\})$	2641767229440
6	$\mathcal{O}(5; \{2^4, 3^{14}, 6^6\})$	21134500632576
6	$\mathcal{O}(5; \{3^{17}, 6^6\})$	169075642263552
6	$\mathcal{O}(5; \{2^{21}, 6^7\})$	2539579392
6	$\mathcal{O}(5; \{2^{17}, 3^3, 6^7\})$	20679432192
6	$\mathcal{O}(5; \{2^{13}, 3^6, 6^7\})$	165072660480
6	$\mathcal{O}(5; \{2^9, 3^9, 6^7\})$	1320944080896
6	$\mathcal{O}(5; \{2^5, 3^{12}, 6^7\})$	10567189850112
6	$\mathcal{O}(5; \{2, 3^{15}, 6^7\})$	84537881597952
6	$\mathcal{O}(5; \{2^{18}, 3, 6^8\})$	10279249920
6	$\mathcal{O}(5; \{2^{14}, 3^4, 6^8\})$	82596796416
6	$\mathcal{O}(5; \{2^{10}, 3^7, 6^8\})$	660411574272
6	$\mathcal{O}(5; \{2^6, 3^{10}, 6^8\})$	5283655391232
6	$\mathcal{O}(5; \{2^2, 3^{13}, 6^8\})$	42268880332800
6	$\mathcal{O}(5; \{2^{15}, 3^2, 6^9\})$	41237932032
6	$\mathcal{O}(5; \{2^{11}, 3^5, 6^9\})$	330266253312
6	$\mathcal{O}(5; \{2^7, 3^8, 6^9\})$	2641767229440
6	$\mathcal{O}(5; \{2^3, 3^{11}, 6^9\})$	21134500632576
6	$\mathcal{O}(5; \{2^{16}, 6^{10}\})$	20679432192
6	$\mathcal{O}(5; \{2^{12}, 3^3, 6^{10}\})$	165072660480
6	$\mathcal{O}(5; \{2^8, 3^6, 6^{10}\})$	1320944080896
6	$\mathcal{O}(5; \{2^4, 3^9, 6^{10}\})$	10567189850112
6	$\mathcal{O}(5; \{3^{12}, 6^{10}\})$	84537881597952
6	$\mathcal{O}(5; \{2^{13}, 3, 6^{11}\})$	82596796416
6	$\mathcal{O}(5; \{2^9, 3^4, 6^{11}\})$	660411574272
6	$\mathcal{O}(5; \{2^5, 3^7, 6^{11}\})$	5283655391232
6	$\mathcal{O}(5; \{2, 3^{10}, 6^{11}\})$	42268880332800
6	$\mathcal{O}(5; \{2^{10}, 3^2, 6^{12}\})$	330266253312
6	$\mathcal{O}(5; \{2^6, 3^5, 6^{12}\})$	2641767229440
6	$\mathcal{O}(5; \{2^2, 3^8, 6^{12}\})$	21134500632576
6	$\mathcal{O}(5; \{2^{11}, 6^{13}\})$	165072660480
6	$\mathcal{O}(5; \{2^7, 3^3, 6^{13}\})$	1320944080896
6	$\mathcal{O}(5; \{2^3, 3^6, 6^{13}\})$	10567189850112
6	$\mathcal{O}(5; \{2^8, 3, 6^{14}\})$	660411574272

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^4, 3^4, 6^{14}\})$	5283655391232
6	$\mathcal{O}(5; \{3^7, 6^{14}\})$	42268880332800
6	$\mathcal{O}(5; \{2^5, 3^2, 6^{15}\})$	2641767229440
6	$\mathcal{O}(5; \{2, 3^5, 6^{15}\})$	21134500632576
6	$\mathcal{O}(5; \{2^6, 6^{16}\})$	1320944080896
6	$\mathcal{O}(5; \{2^2, 3^3, 6^{16}\})$	10567189850112
6	$\mathcal{O}(5; \{2^3, 3, 6^{17}\})$	5283655391232
6	$\mathcal{O}(5; \{3^2, 6^{18}\})$	21134500632576
6	$\mathcal{O}(5; \{2, 6^{19}\})$	10567189850112
6	$\mathcal{O}(4; \{2^{34}, 3^2\})$	3359232
6	$\mathcal{O}(4; \{2^{30}, 3^5\})$	16796160
6	$\mathcal{O}(4; \{2^{26}, 3^8\})$	144446976
6	$\mathcal{O}(4; \{2^{22}, 3^{11}\})$	1145498112
6	$\mathcal{O}(4; \{2^{18}, 3^{14}\})$	9174062592
6	$\mathcal{O}(4; \{2^{14}, 3^{17}\})$	73382423040
6	$\mathcal{O}(4; \{2^{10}, 3^{20}\})$	587069462016
6	$\mathcal{O}(4; \{2^6, 3^{23}\})$	4696545618432
6	$\mathcal{O}(4; \{2^2, 3^{26}\})$	37572375025152
6	$\mathcal{O}(4; \{2^{31}, 3^3, 6\})$	10077696
6	$\mathcal{O}(4; \{2^{27}, 3^6, 6\})$	70543872
6	$\mathcal{O}(4; \{2^{23}, 3^9, 6\})$	574428672
6	$\mathcal{O}(4; \{2^{19}, 3^{12}, 6\})$	4585351680
6	$\mathcal{O}(4; \{2^{15}, 3^{15}, 6\})$	36692891136
6	$\mathcal{O}(4; \{2^{11}, 3^{18}, 6\})$	293533051392
6	$\mathcal{O}(4; \{2^7, 3^{21}, 6\})$	2348274488832
6	$\mathcal{O}(4; \{2^3, 3^{24}, 6\})$	18786185832960
6	$\mathcal{O}(4; \{2^{32}, 3, 6^2\})$	3359232
6	$\mathcal{O}(4; \{2^{28}, 3^4, 6^2\})$	36951552
6	$\mathcal{O}(4; \{2^{24}, 3^7, 6^2\})$	285534720
6	$\mathcal{O}(4; \{2^{20}, 3^{10}, 6^2\})$	2294355456
6	$\mathcal{O}(4; \{2^{16}, 3^{13}, 6^2\})$	18344765952
6	$\mathcal{O}(4; \{2^{12}, 3^{16}, 6^2\})$	146768205312
6	$\mathcal{O}(4; \{2^8, 3^{19}, 6^2\})$	1174135564800
6	$\mathcal{O}(4; \{2^4, 3^{22}, 6^2\})$	9393094596096
6	$\mathcal{O}(4; \{3^{25}, 6^2\})$	75144746691072
6	$\mathcal{O}(4; \{2^{29}, 3^2, 6^3\})$	16796160
6	$\mathcal{O}(4; \{2^{25}, 3^5, 6^3\})$	144446976
6	$\mathcal{O}(4; \{2^{21}, 3^8, 6^3\})$	1145498112
6	$\mathcal{O}(4; \{2^{17}, 3^{11}, 6^3\})$	9174062592
6	$\mathcal{O}(4; \{2^{13}, 3^{14}, 6^3\})$	73382423040
6	$\mathcal{O}(4; \{2^9, 3^{17}, 6^3\})$	587069462016
6	$\mathcal{O}(4; \{2^5, 3^{20}, 6^3\})$	4696545618432
6	$\mathcal{O}(4; \{2, 3^{23}, 6^3\})$	37572375025152

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^{30}, 6^4\})$	10077696
6	$\mathcal{O}(4; \{2^{26}, 3^3, 6^4\})$	70543872
6	$\mathcal{O}(4; \{2^{22}, 3^6, 6^4\})$	574428672
6	$\mathcal{O}(4; \{2^{18}, 3^9, 6^4\})$	4585351680
6	$\mathcal{O}(4; \{2^{14}, 3^{12}, 6^4\})$	36692891136
6	$\mathcal{O}(4; \{2^{10}, 3^{15}, 6^4\})$	293533051392
6	$\mathcal{O}(4; \{2^6, 3^{18}, 6^4\})$	2348274488832
6	$\mathcal{O}(4; \{2^2, 3^{21}, 6^4\})$	18786185832960
6	$\mathcal{O}(4; \{2^{27}, 3, 6^5\})$	36951552
6	$\mathcal{O}(4; \{2^{23}, 3^4, 6^5\})$	285534720
6	$\mathcal{O}(4; \{2^{19}, 3^7, 6^5\})$	2294355456
6	$\mathcal{O}(4; \{2^{15}, 3^{10}, 6^5\})$	18344765952
6	$\mathcal{O}(4; \{2^{11}, 3^{13}, 6^5\})$	146768205312
6	$\mathcal{O}(4; \{2^7, 3^{16}, 6^5\})$	1174135564800
6	$\mathcal{O}(4; \{2^3, 3^{19}, 6^5\})$	9393094596096
6	$\mathcal{O}(4; \{2^{24}, 3^2, 6^6\})$	144446976
6	$\mathcal{O}(4; \{2^{20}, 3^5, 6^6\})$	1145498112
6	$\mathcal{O}(4; \{2^{16}, 3^8, 6^6\})$	9174062592
6	$\mathcal{O}(4; \{2^{12}, 3^{11}, 6^6\})$	73382423040
6	$\mathcal{O}(4; \{2^8, 3^{14}, 6^6\})$	587069462016
6	$\mathcal{O}(4; \{2^4, 3^{17}, 6^6\})$	4696545618432
6	$\mathcal{O}(4; \{3^{20}, 6^6\})$	37572375025152
6	$\mathcal{O}(4; \{2^{25}, 6^7\})$	70543872
6	$\mathcal{O}(4; \{2^{21}, 3^3, 6^7\})$	574428672
6	$\mathcal{O}(4; \{2^{17}, 3^6, 6^7\})$	4585351680
6	$\mathcal{O}(4; \{2^{13}, 3^9, 6^7\})$	36692891136
6	$\mathcal{O}(4; \{2^9, 3^{12}, 6^7\})$	293533051392
6	$\mathcal{O}(4; \{2^5, 3^{15}, 6^7\})$	2348274488832
6	$\mathcal{O}(4; \{2, 3^{18}, 6^7\})$	18786185832960
6	$\mathcal{O}(4; \{2^{22}, 3, 6^8\})$	285534720
6	$\mathcal{O}(4; \{2^{18}, 3^4, 6^8\})$	2294355456
6	$\mathcal{O}(4; \{2^{14}, 3^7, 6^8\})$	18344765952
6	$\mathcal{O}(4; \{2^{10}, 3^{10}, 6^8\})$	146768205312
6	$\mathcal{O}(4; \{2^6, 3^{13}, 6^8\})$	1174135564800
6	$\mathcal{O}(4; \{2^2, 3^{16}, 6^8\})$	9393094596096
6	$\mathcal{O}(4; \{2^{19}, 3^2, 6^9\})$	1145498112
6	$\mathcal{O}(4; \{2^{15}, 3^5, 6^9\})$	9174062592
6	$\mathcal{O}(4; \{2^{11}, 3^8, 6^9\})$	73382423040
6	$\mathcal{O}(4; \{2^7, 3^{11}, 6^9\})$	587069462016
6	$\mathcal{O}(4; \{2^3, 3^{14}, 6^9\})$	4696545618432
6	$\mathcal{O}(4; \{2^{20}, 6^{10}\})$	574428672
6	$\mathcal{O}(4; \{2^{16}, 3^3, 6^{10}\})$	4585351680
6	$\mathcal{O}(4; \{2^{12}, 3^6, 6^{10}\})$	36692891136

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^8, 3^9, 6^{10}\})$	293533051392
6	$\mathcal{O}(4; \{2^4, 3^{12}, 6^{10}\})$	2348274488832
6	$\mathcal{O}(4; \{3^{15}, 6^{10}\})$	18786185832960
6	$\mathcal{O}(4; \{2^{17}, 3, 6^{11}\})$	2294355456
6	$\mathcal{O}(4; \{2^{13}, 3^4, 6^{11}\})$	18344765952
6	$\mathcal{O}(4; \{2^9, 3^7, 6^{11}\})$	146768205312
6	$\mathcal{O}(4; \{2^5, 3^{10}, 6^{11}\})$	1174135564800
6	$\mathcal{O}(4; \{2, 3^{13}, 6^{11}\})$	9393094596096
6	$\mathcal{O}(4; \{2^{14}, 3^2, 6^{12}\})$	9174062592
6	$\mathcal{O}(4; \{2^{10}, 3^5, 6^{12}\})$	73382423040
6	$\mathcal{O}(4; \{2^6, 3^8, 6^{12}\})$	587069462016
6	$\mathcal{O}(4; \{2^2, 3^{11}, 6^{12}\})$	4696545618432
6	$\mathcal{O}(4; \{2^{15}, 6^{13}\})$	4585351680
6	$\mathcal{O}(4; \{2^{11}, 3^3, 6^{13}\})$	36692891136
6	$\mathcal{O}(4; \{2^7, 3^6, 6^{13}\})$	293533051392
6	$\mathcal{O}(4; \{2^3, 3^9, 6^{13}\})$	2348274488832
6	$\mathcal{O}(4; \{2^{12}, 3, 6^{14}\})$	18344765952
6	$\mathcal{O}(4; \{2^8, 3^4, 6^{14}\})$	146768205312
6	$\mathcal{O}(4; \{2^4, 3^7, 6^{14}\})$	1174135564800
6	$\mathcal{O}(4; \{3^{10}, 6^{14}\})$	9393094596096
6	$\mathcal{O}(4; \{2^9, 3^2, 6^{15}\})$	73382423040
6	$\mathcal{O}(4; \{2^5, 3^5, 6^{15}\})$	587069462016
6	$\mathcal{O}(4; \{2, 3^8, 6^{15}\})$	4696545618432
6	$\mathcal{O}(4; \{2^{10}, 6^{16}\})$	36692891136
6	$\mathcal{O}(4; \{2^6, 3^3, 6^{16}\})$	293533051392
6	$\mathcal{O}(4; \{2^2, 3^6, 6^{16}\})$	2348274488832
6	$\mathcal{O}(4; \{2^7, 3, 6^{17}\})$	146768205312
6	$\mathcal{O}(4; \{2^3, 3^4, 6^{17}\})$	1174135564800
6	$\mathcal{O}(4; \{2^4, 3^2, 6^{18}\})$	587069462016
6	$\mathcal{O}(4; \{3^5, 6^{18}\})$	4696545618432
6	$\mathcal{O}(4; \{2^5, 6^{19}\})$	293533051392
6	$\mathcal{O}(4; \{2, 3^3, 6^{19}\})$	2348274488832
6	$\mathcal{O}(4; \{2^2, 3, 6^{20}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{22}\})$	2348274488832
6	$\mathcal{O}(3; \{2^{38}, 3^2\})$	93312
6	$\mathcal{O}(3; \{2^{34}, 3^5\})$	466560
6	$\mathcal{O}(3; \{2^{30}, 3^8\})$	4012416
6	$\mathcal{O}(3; \{2^{26}, 3^{11}\})$	31819392
6	$\mathcal{O}(3; \{2^{22}, 3^{14}\})$	254835072
6	$\mathcal{O}(3; \{2^{18}, 3^{17}\})$	2038400640
6	$\mathcal{O}(3; \{2^{14}, 3^{20}\})$	16307485056
6	$\mathcal{O}(3; \{2^{10}, 3^{23}\})$	130459600512
6	$\mathcal{O}(3; \{2^6, 3^{26}\})$	1043677084032

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{11}, 3^{16}, 6^5\})$	32614876800
6	$\mathcal{O}(3; \{2^7, 3^{19}, 6^5\})$	260919294336
6	$\mathcal{O}(3; \{2^3, 3^{22}, 6^5\})$	2087354074752
6	$\mathcal{O}(3; \{2^{28}, 3^2, 6^6\})$	4012416
6	$\mathcal{O}(3; \{2^{24}, 3^5, 6^6\})$	31819392
6	$\mathcal{O}(3; \{2^{20}, 3^8, 6^6\})$	254835072
6	$\mathcal{O}(3; \{2^{16}, 3^{11}, 6^6\})$	2038400640
6	$\mathcal{O}(3; \{2^{12}, 3^{14}, 6^6\})$	16307485056
6	$\mathcal{O}(3; \{2^8, 3^{17}, 6^6\})$	130459600512
6	$\mathcal{O}(3; \{2^4, 3^{20}, 6^6\})$	1043677084032
6	$\mathcal{O}(3; \{3^{23}, 6^6\})$	8349416392320
6	$\mathcal{O}(3; \{2^{29}, 6^7\})$	1959552
6	$\mathcal{O}(3; \{2^{25}, 3^3, 6^7\})$	15956352
6	$\mathcal{O}(3; \{2^{21}, 3^6, 6^7\})$	127370880
6	$\mathcal{O}(3; \{2^{17}, 3^9, 6^7\})$	1019246976
6	$\mathcal{O}(3; \{2^{13}, 3^{12}, 6^7\})$	8153695872
6	$\mathcal{O}(3; \{2^9, 3^{15}, 6^7\})$	65229846912
6	$\mathcal{O}(3; \{2^5, 3^{18}, 6^7\})$	521838495360
6	$\mathcal{O}(3; \{2, 3^{21}, 6^7\})$	4174708242816
6	$\mathcal{O}(3; \{2^{26}, 3, 6^8\})$	7931520
6	$\mathcal{O}(3; \{2^{22}, 3^4, 6^8\})$	63732096
6	$\mathcal{O}(3; \{2^{18}, 3^7, 6^8\})$	509576832
6	$\mathcal{O}(3; \{2^{14}, 3^{10}, 6^8\})$	4076894592
6	$\mathcal{O}(3; \{2^{10}, 3^{13}, 6^8\})$	32614876800
6	$\mathcal{O}(3; \{2^6, 3^{16}, 6^8\})$	260919294336
6	$\mathcal{O}(3; \{2^2, 3^{19}, 6^8\})$	2087354074752
6	$\mathcal{O}(3; \{2^{23}, 3^2, 6^9\})$	31819392
6	$\mathcal{O}(3; \{2^{19}, 3^5, 6^9\})$	254835072
6	$\mathcal{O}(3; \{2^{15}, 3^8, 6^9\})$	2038400640
6	$\mathcal{O}(3; \{2^{11}, 3^{11}, 6^9\})$	16307485056
6	$\mathcal{O}(3; \{2^7, 3^{14}, 6^9\})$	130459600512
6	$\mathcal{O}(3; \{2^3, 3^{17}, 6^9\})$	1043677084032
6	$\mathcal{O}(3; \{2^{24}, 6^{10}\})$	15956352
6	$\mathcal{O}(3; \{2^{20}, 3^3, 6^{10}\})$	127370880
6	$\mathcal{O}(3; \{2^{16}, 3^6, 6^{10}\})$	1019246976
6	$\mathcal{O}(3; \{2^{12}, 3^9, 6^{10}\})$	8153695872
6	$\mathcal{O}(3; \{2^8, 3^{12}, 6^{10}\})$	65229846912
6	$\mathcal{O}(3; \{2^4, 3^{15}, 6^{10}\})$	521838495360
6	$\mathcal{O}(3; \{3^{18}, 6^{10}\})$	4174708242816
6	$\mathcal{O}(3; \{2^{21}, 3, 6^{11}\})$	63732096
6	$\mathcal{O}(3; \{2^{17}, 3^4, 6^{11}\})$	509576832
6	$\mathcal{O}(3; \{2^{13}, 3^7, 6^{11}\})$	4076894592
6	$\mathcal{O}(3; \{2^9, 3^{10}, 6^{11}\})$	32614876800

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^5, 3^{13}, 6^{11}\})$	260919294336
6	$\mathcal{O}(3; \{2, 3^{16}, 6^{11}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{18}, 3^2, 6^{12}\})$	254835072
6	$\mathcal{O}(3; \{2^{14}, 3^5, 6^{12}\})$	2038400640
6	$\mathcal{O}(3; \{2^{10}, 3^8, 6^{12}\})$	16307485056
6	$\mathcal{O}(3; \{2^6, 3^{11}, 6^{12}\})$	130459600512
6	$\mathcal{O}(3; \{2^2, 3^{14}, 6^{12}\})$	1043677084032
6	$\mathcal{O}(3; \{2^{19}, 6^{13}\})$	127370880
6	$\mathcal{O}(3; \{2^{15}, 3^3, 6^{13}\})$	1019246976
6	$\mathcal{O}(3; \{2^{11}, 3^6, 6^{13}\})$	8153695872
6	$\mathcal{O}(3; \{2^7, 3^9, 6^{13}\})$	65229846912
6	$\mathcal{O}(3; \{2^3, 3^{12}, 6^{13}\})$	521838495360
6	$\mathcal{O}(3; \{2^{16}, 3, 6^{14}\})$	509576832
6	$\mathcal{O}(3; \{2^{12}, 3^4, 6^{14}\})$	4076894592
6	$\mathcal{O}(3; \{2^8, 3^7, 6^{14}\})$	32614876800
6	$\mathcal{O}(3; \{2^4, 3^{10}, 6^{14}\})$	260919294336
6	$\mathcal{O}(3; \{3^{13}, 6^{14}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{13}, 3^2, 6^{15}\})$	2038400640
6	$\mathcal{O}(3; \{2^9, 3^5, 6^{15}\})$	16307485056
6	$\mathcal{O}(3; \{2^5, 3^8, 6^{15}\})$	130459600512
6	$\mathcal{O}(3; \{2, 3^{11}, 6^{15}\})$	1043677084032
6	$\mathcal{O}(3; \{2^{14}, 6^{16}\})$	1019246976
6	$\mathcal{O}(3; \{2^{10}, 3^3, 6^{16}\})$	8153695872
6	$\mathcal{O}(3; \{2^6, 3^6, 6^{16}\})$	65229846912
6	$\mathcal{O}(3; \{2^2, 3^9, 6^{16}\})$	521838495360
6	$\mathcal{O}(3; \{2^{11}, 3, 6^{17}\})$	4076894592
6	$\mathcal{O}(3; \{2^7, 3^4, 6^{17}\})$	32614876800
6	$\mathcal{O}(3; \{2^3, 3^7, 6^{17}\})$	260919294336
6	$\mathcal{O}(3; \{2^8, 3^2, 6^{18}\})$	16307485056
6	$\mathcal{O}(3; \{2^4, 3^5, 6^{18}\})$	130459600512
6	$\mathcal{O}(3; \{3^8, 6^{18}\})$	1043677084032
6	$\mathcal{O}(3; \{2^9, 6^{19}\})$	8153695872
6	$\mathcal{O}(3; \{2^5, 3^3, 6^{19}\})$	65229846912
6	$\mathcal{O}(3; \{2, 3^6, 6^{19}\})$	521838495360
6	$\mathcal{O}(3; \{2^6, 3, 6^{20}\})$	32614876800
6	$\mathcal{O}(3; \{2^2, 3^4, 6^{20}\})$	260919294336
6	$\mathcal{O}(3; \{2^3, 3^2, 6^{21}\})$	130459600512
6	$\mathcal{O}(3; \{2^4, 6^{22}\})$	65229846912
6	$\mathcal{O}(3; \{3^3, 6^{22}\})$	521838495360
6	$\mathcal{O}(3; \{2, 3, 6^{23}\})$	260919294336
6	$\mathcal{O}(2; \{2^{42}, 3^2\})$	2592
6	$\mathcal{O}(2; \{2^{38}, 3^5\})$	12960
6	$\mathcal{O}(2; \{2^{34}, 3^8\})$	111456

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{22}, 3^{12}, 6^4\})$	28312416
6	$\mathcal{O}(2; \{2^{18}, 3^{15}, 6^4\})$	226491552
6	$\mathcal{O}(2; \{2^{14}, 3^{18}, 6^4\})$	1811940192
6	$\mathcal{O}(2; \{2^{10}, 3^{21}, 6^4\})$	14495513760
6	$\mathcal{O}(2; \{2^6, 3^{24}, 6^4\})$	115964117856
6	$\mathcal{O}(2; \{2^2, 3^{27}, 6^4\})$	927712935072
6	$\mathcal{O}(2; \{2^{35}, 3, 6^5\})$	28512
6	$\mathcal{O}(2; \{2^{31}, 3^4, 6^5\})$	220320
6	$\mathcal{O}(2; \{2^{27}, 3^7, 6^5\})$	1770336
6	$\mathcal{O}(2; \{2^{23}, 3^{10}, 6^5\})$	14154912
6	$\mathcal{O}(2; \{2^{19}, 3^{13}, 6^5\})$	113247072
6	$\mathcal{O}(2; \{2^{15}, 3^{16}, 6^5\})$	905968800
6	$\mathcal{O}(2; \{2^{11}, 3^{19}, 6^5\})$	7247758176
6	$\mathcal{O}(2; \{2^7, 3^{22}, 6^5\})$	57982057632
6	$\mathcal{O}(2; \{2^3, 3^{25}, 6^5\})$	463856468832
6	$\mathcal{O}(2; \{2^{32}, 3^2, 6^6\})$	111456
6	$\mathcal{O}(2; \{2^{28}, 3^5, 6^6\})$	883872
6	$\mathcal{O}(2; \{2^{24}, 3^8, 6^6\})$	7078752
6	$\mathcal{O}(2; \{2^{20}, 3^{11}, 6^6\})$	56622240
6	$\mathcal{O}(2; \{2^{16}, 3^{14}, 6^6\})$	452985696
6	$\mathcal{O}(2; \{2^{12}, 3^{17}, 6^6\})$	3623877792
6	$\mathcal{O}(2; \{2^8, 3^{20}, 6^6\})$	28991030112
6	$\mathcal{O}(2; \{2^4, 3^{23}, 6^6\})$	231928233120
6	$\mathcal{O}(2; \{3^{26}, 6^6\})$	1855425872736
6	$\mathcal{O}(2; \{2^{33}, 6^7\})$	54432
6	$\mathcal{O}(2; \{2^{29}, 3^3, 6^7\})$	443232
6	$\mathcal{O}(2; \{2^{25}, 3^6, 6^7\})$	3538080
6	$\mathcal{O}(2; \{2^{21}, 3^9, 6^7\})$	28312416
6	$\mathcal{O}(2; \{2^{17}, 3^{12}, 6^7\})$	226491552
6	$\mathcal{O}(2; \{2^{13}, 3^{15}, 6^7\})$	1811940192
6	$\mathcal{O}(2; \{2^9, 3^{18}, 6^7\})$	14495513760
6	$\mathcal{O}(2; \{2^5, 3^{21}, 6^7\})$	115964117856
6	$\mathcal{O}(2; \{2, 3^{24}, 6^7\})$	927712935072
6	$\mathcal{O}(2; \{2^{30}, 3, 6^8\})$	220320
6	$\mathcal{O}(2; \{2^{26}, 3^4, 6^8\})$	1770336
6	$\mathcal{O}(2; \{2^{22}, 3^7, 6^8\})$	14154912
6	$\mathcal{O}(2; \{2^{18}, 3^{10}, 6^8\})$	113247072
6	$\mathcal{O}(2; \{2^{14}, 3^{13}, 6^8\})$	905968800
6	$\mathcal{O}(2; \{2^{10}, 3^{16}, 6^8\})$	7247758176
6	$\mathcal{O}(2; \{2^6, 3^{19}, 6^8\})$	57982057632
6	$\mathcal{O}(2; \{2^2, 3^{22}, 6^8\})$	463856468832
6	$\mathcal{O}(2; \{2^{27}, 3^2, 6^9\})$	883872
6	$\mathcal{O}(2; \{2^{23}, 3^5, 6^9\})$	7078752

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{19}, 3^8, 6^9\})$	56622240
6	$\mathcal{O}(2; \{2^{15}, 3^{11}, 6^9\})$	452985696
6	$\mathcal{O}(2; \{2^{11}, 3^{14}, 6^9\})$	3623877792
6	$\mathcal{O}(2; \{2^7, 3^{17}, 6^9\})$	28991030112
6	$\mathcal{O}(2; \{2^3, 3^{20}, 6^9\})$	231928233120
6	$\mathcal{O}(2; \{2^{28}, 6^{10}\})$	443232
6	$\mathcal{O}(2; \{2^{24}, 3^3, 6^{10}\})$	3538080
6	$\mathcal{O}(2; \{2^{20}, 3^6, 6^{10}\})$	28312416
6	$\mathcal{O}(2; \{2^{16}, 3^9, 6^{10}\})$	226491552
6	$\mathcal{O}(2; \{2^{12}, 3^{12}, 6^{10}\})$	1811940192
6	$\mathcal{O}(2; \{2^8, 3^{15}, 6^{10}\})$	14495513760
6	$\mathcal{O}(2; \{2^4, 3^{18}, 6^{10}\})$	115964117856
6	$\mathcal{O}(2; \{3^{21}, 6^{10}\})$	927712935072
6	$\mathcal{O}(2; \{2^{25}, 3, 6^{11}\})$	1770336
6	$\mathcal{O}(2; \{2^{21}, 3^4, 6^{11}\})$	14154912
6	$\mathcal{O}(2; \{2^{17}, 3^7, 6^{11}\})$	113247072
6	$\mathcal{O}(2; \{2^{13}, 3^{10}, 6^{11}\})$	905968800
6	$\mathcal{O}(2; \{2^9, 3^{13}, 6^{11}\})$	7247758176
6	$\mathcal{O}(2; \{2^5, 3^{16}, 6^{11}\})$	57982057632
6	$\mathcal{O}(2; \{2, 3^{19}, 6^{11}\})$	463856468832
6	$\mathcal{O}(2; \{2^{22}, 3^2, 6^{12}\})$	7078752
6	$\mathcal{O}(2; \{2^{18}, 3^5, 6^{12}\})$	56622240
6	$\mathcal{O}(2; \{2^{14}, 3^8, 6^{12}\})$	452985696
6	$\mathcal{O}(2; \{2^{10}, 3^{11}, 6^{12}\})$	3623877792
6	$\mathcal{O}(2; \{2^6, 3^{14}, 6^{12}\})$	28991030112
6	$\mathcal{O}(2; \{2^2, 3^{17}, 6^{12}\})$	231928233120
6	$\mathcal{O}(2; \{2^{23}, 6^{13}\})$	3538080
6	$\mathcal{O}(2; \{2^{19}, 3^3, 6^{13}\})$	28312416
6	$\mathcal{O}(2; \{2^{15}, 3^6, 6^{13}\})$	226491552
6	$\mathcal{O}(2; \{2^{11}, 3^9, 6^{13}\})$	1811940192
6	$\mathcal{O}(2; \{2^7, 3^{12}, 6^{13}\})$	14495513760
6	$\mathcal{O}(2; \{2^3, 3^{15}, 6^{13}\})$	115964117856
6	$\mathcal{O}(2; \{2^{20}, 3, 6^{14}\})$	14154912
6	$\mathcal{O}(2; \{2^{16}, 3^4, 6^{14}\})$	113247072
6	$\mathcal{O}(2; \{2^{12}, 3^7, 6^{14}\})$	905968800
6	$\mathcal{O}(2; \{2^8, 3^{10}, 6^{14}\})$	7247758176
6	$\mathcal{O}(2; \{2^4, 3^{13}, 6^{14}\})$	57982057632
6	$\mathcal{O}(2; \{3^{16}, 6^{14}\})$	463856468832
6	$\mathcal{O}(2; \{2^{17}, 3^2, 6^{15}\})$	56622240
6	$\mathcal{O}(2; \{2^{13}, 3^5, 6^{15}\})$	452985696
6	$\mathcal{O}(2; \{2^9, 3^8, 6^{15}\})$	3623877792
6	$\mathcal{O}(2; \{2^5, 3^{11}, 6^{15}\})$	28991030112
6	$\mathcal{O}(2; \{2, 3^{14}, 6^{15}\})$	231928233120

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{18}, 6^{16}\})$	28312416
6	$\mathcal{O}(2; \{2^{14}, 3^3, 6^{16}\})$	226491552
6	$\mathcal{O}(2; \{2^{10}, 3^6, 6^{16}\})$	1811940192
6	$\mathcal{O}(2; \{2^6, 3^9, 6^{16}\})$	14495513760
6	$\mathcal{O}(2; \{2^2, 3^{12}, 6^{16}\})$	115964117856
6	$\mathcal{O}(2; \{2^{15}, 3, 6^{17}\})$	113247072
6	$\mathcal{O}(2; \{2^{11}, 3^4, 6^{17}\})$	905968800
6	$\mathcal{O}(2; \{2^7, 3^7, 6^{17}\})$	7247758176
6	$\mathcal{O}(2; \{2^3, 3^{10}, 6^{17}\})$	57982057632
6	$\mathcal{O}(2; \{2^{12}, 3^2, 6^{18}\})$	452985696
6	$\mathcal{O}(2; \{2^8, 3^5, 6^{18}\})$	3623877792
6	$\mathcal{O}(2; \{2^4, 3^8, 6^{18}\})$	28991030112
6	$\mathcal{O}(2; \{3^{11}, 6^{18}\})$	231928233120
6	$\mathcal{O}(2; \{2^{13}, 6^{19}\})$	226491552
6	$\mathcal{O}(2; \{2^9, 3^3, 6^{19}\})$	1811940192
6	$\mathcal{O}(2; \{2^5, 3^6, 6^{19}\})$	14495513760
6	$\mathcal{O}(2; \{2, 3^9, 6^{19}\})$	115964117856
6	$\mathcal{O}(2; \{2^{10}, 3, 6^{20}\})$	905968800
6	$\mathcal{O}(2; \{2^6, 3^4, 6^{20}\})$	7247758176
6	$\mathcal{O}(2; \{2^2, 3^7, 6^{20}\})$	57982057632
6	$\mathcal{O}(2; \{2^7, 3^2, 6^{21}\})$	3623877792
6	$\mathcal{O}(2; \{2^3, 3^5, 6^{21}\})$	28991030112
6	$\mathcal{O}(2; \{2^8, 6^{22}\})$	1811940192
6	$\mathcal{O}(2; \{2^4, 3^3, 6^{22}\})$	14495513760
6	$\mathcal{O}(2; \{3^6, 6^{22}\})$	115964117856
6	$\mathcal{O}(2; \{2^5, 3, 6^{23}\})$	7247758176
6	$\mathcal{O}(2; \{2, 3^4, 6^{23}\})$	57982057632
6	$\mathcal{O}(2; \{2^2, 3^2, 6^{24}\})$	28991030112
6	$\mathcal{O}(2; \{2^3, 6^{25}\})$	14495513760
6	$\mathcal{O}(2; \{3, 6^{26}\})$	57982057632
6	$\mathcal{O}(1; \{2^{46}, 3^2\})$	72
6	$\mathcal{O}(1; \{2^{42}, 3^5\})$	360
6	$\mathcal{O}(1; \{2^{38}, 3^8\})$	3096
6	$\mathcal{O}(1; \{2^{34}, 3^{11}\})$	24552
6	$\mathcal{O}(1; \{2^{30}, 3^{14}\})$	196632
6	$\mathcal{O}(1; \{2^{26}, 3^{17}\})$	1572840
6	$\mathcal{O}(1; \{2^{22}, 3^{20}\})$	12582936
6	$\mathcal{O}(1; \{2^{18}, 3^{23}\})$	100663272
6	$\mathcal{O}(1; \{2^{14}, 3^{26}\})$	805306392
6	$\mathcal{O}(1; \{2^{10}, 3^{29}\})$	6442450920
6	$\mathcal{O}(1; \{2^6, 3^{32}\})$	51539607576
6	$\mathcal{O}(1; \{2^2, 3^{35}\})$	412316860392
6	$\mathcal{O}(1; \{2^{43}, 3^3, 6\})$	216

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{39}, 3^6, 6\})$	1512
6	$\mathcal{O}(1; \{2^{35}, 3^9, 6\})$	12312
6	$\mathcal{O}(1; \{2^{31}, 3^{12}, 6\})$	98280
6	$\mathcal{O}(1; \{2^{27}, 3^{15}, 6\})$	786456
6	$\mathcal{O}(1; \{2^{23}, 3^{18}, 6\})$	6291432
6	$\mathcal{O}(1; \{2^{19}, 3^{21}, 6\})$	50331672
6	$\mathcal{O}(1; \{2^{15}, 3^{24}, 6\})$	402653160
6	$\mathcal{O}(1; \{2^{11}, 3^{27}, 6\})$	3221225496
6	$\mathcal{O}(1; \{2^7, 3^{30}, 6\})$	25769803752
6	$\mathcal{O}(1; \{2^3, 3^{33}, 6\})$	206158430232
6	$\mathcal{O}(1; \{2^{44}, 3, 6^2\})$	72
6	$\mathcal{O}(1; \{2^{40}, 3^4, 6^2\})$	792
6	$\mathcal{O}(1; \{2^{36}, 3^7, 6^2\})$	6120
6	$\mathcal{O}(1; \{2^{32}, 3^{10}, 6^2\})$	49176
6	$\mathcal{O}(1; \{2^{28}, 3^{13}, 6^2\})$	393192
6	$\mathcal{O}(1; \{2^{24}, 3^{16}, 6^2\})$	3145752
6	$\mathcal{O}(1; \{2^{20}, 3^{19}, 6^2\})$	25165800
6	$\mathcal{O}(1; \{2^{16}, 3^{22}, 6^2\})$	201326616
6	$\mathcal{O}(1; \{2^{12}, 3^{25}, 6^2\})$	1610612712
6	$\mathcal{O}(1; \{2^8, 3^{28}, 6^2\})$	12884901912
6	$\mathcal{O}(1; \{2^4, 3^{31}, 6^2\})$	103079215080
6	$\mathcal{O}(1; \{3^{34}, 6^2\})$	824633720856
6	$\mathcal{O}(1; \{2^{41}, 3^2, 6^3\})$	360
6	$\mathcal{O}(1; \{2^{37}, 3^5, 6^3\})$	3096
6	$\mathcal{O}(1; \{2^{33}, 3^8, 6^3\})$	24552
6	$\mathcal{O}(1; \{2^{29}, 3^{11}, 6^3\})$	196632
6	$\mathcal{O}(1; \{2^{25}, 3^{14}, 6^3\})$	1572840
6	$\mathcal{O}(1; \{2^{21}, 3^{17}, 6^3\})$	12582936
6	$\mathcal{O}(1; \{2^{17}, 3^{20}, 6^3\})$	100663272
6	$\mathcal{O}(1; \{2^{13}, 3^{23}, 6^3\})$	805306392
6	$\mathcal{O}(1; \{2^9, 3^{26}, 6^3\})$	6442450920
6	$\mathcal{O}(1; \{2^5, 3^{29}, 6^3\})$	51539607576
6	$\mathcal{O}(1; \{2, 3^{32}, 6^3\})$	412316860392
6	$\mathcal{O}(1; \{2^{42}, 6^4\})$	216
6	$\mathcal{O}(1; \{2^{38}, 3^3, 6^4\})$	1512
6	$\mathcal{O}(1; \{2^{34}, 3^6, 6^4\})$	12312
6	$\mathcal{O}(1; \{2^{30}, 3^9, 6^4\})$	98280
6	$\mathcal{O}(1; \{2^{26}, 3^{12}, 6^4\})$	786456
6	$\mathcal{O}(1; \{2^{22}, 3^{15}, 6^4\})$	6291432
6	$\mathcal{O}(1; \{2^{18}, 3^{18}, 6^4\})$	50331672
6	$\mathcal{O}(1; \{2^{14}, 3^{21}, 6^4\})$	402653160
6	$\mathcal{O}(1; \{2^{10}, 3^{24}, 6^4\})$	3221225496
6	$\mathcal{O}(1; \{2^6, 3^{27}, 6^4\})$	25769803752

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^2, 3^{30}, 6^4\})$	206158430232
6	$\mathcal{O}(1; \{2^{39}, 3, 6^5\})$	792
6	$\mathcal{O}(1; \{2^{35}, 3^4, 6^5\})$	6120
6	$\mathcal{O}(1; \{2^{31}, 3^7, 6^5\})$	49176
6	$\mathcal{O}(1; \{2^{27}, 3^{10}, 6^5\})$	393192
6	$\mathcal{O}(1; \{2^{23}, 3^{13}, 6^5\})$	3145752
6	$\mathcal{O}(1; \{2^{19}, 3^{16}, 6^5\})$	25165800
6	$\mathcal{O}(1; \{2^{15}, 3^{19}, 6^5\})$	201326616
6	$\mathcal{O}(1; \{2^{11}, 3^{22}, 6^5\})$	1610612712
6	$\mathcal{O}(1; \{2^7, 3^{25}, 6^5\})$	12884901912
6	$\mathcal{O}(1; \{2^3, 3^{28}, 6^5\})$	103079215080
6	$\mathcal{O}(1; \{2^{36}, 3^2, 6^6\})$	3096
6	$\mathcal{O}(1; \{2^{32}, 3^5, 6^6\})$	24552
6	$\mathcal{O}(1; \{2^{28}, 3^8, 6^6\})$	196632
6	$\mathcal{O}(1; \{2^{24}, 3^{11}, 6^6\})$	1572840
6	$\mathcal{O}(1; \{2^{20}, 3^{14}, 6^6\})$	12582936
6	$\mathcal{O}(1; \{2^{16}, 3^{17}, 6^6\})$	100663272
6	$\mathcal{O}(1; \{2^{12}, 3^{20}, 6^6\})$	805306392
6	$\mathcal{O}(1; \{2^8, 3^{23}, 6^6\})$	6442450920
6	$\mathcal{O}(1; \{2^4, 3^{26}, 6^6\})$	51539607576
6	$\mathcal{O}(1; \{3^{29}, 6^6\})$	412316860392
6	$\mathcal{O}(1; \{2^{37}, 6^7\})$	1512
6	$\mathcal{O}(1; \{2^{33}, 3^3, 6^7\})$	12312
6	$\mathcal{O}(1; \{2^{29}, 3^6, 6^7\})$	98280
6	$\mathcal{O}(1; \{2^{25}, 3^9, 6^7\})$	786456
6	$\mathcal{O}(1; \{2^{21}, 3^{12}, 6^7\})$	6291432
6	$\mathcal{O}(1; \{2^{17}, 3^{15}, 6^7\})$	50331672
6	$\mathcal{O}(1; \{2^{13}, 3^{18}, 6^7\})$	402653160
6	$\mathcal{O}(1; \{2^9, 3^{21}, 6^7\})$	3221225496
6	$\mathcal{O}(1; \{2^5, 3^{24}, 6^7\})$	25769803752
6	$\mathcal{O}(1; \{2, 3^{27}, 6^7\})$	206158430232
6	$\mathcal{O}(1; \{2^{34}, 3, 6^8\})$	6120
6	$\mathcal{O}(1; \{2^{30}, 3^4, 6^8\})$	49176
6	$\mathcal{O}(1; \{2^{26}, 3^7, 6^8\})$	393192
6	$\mathcal{O}(1; \{2^{22}, 3^{10}, 6^8\})$	3145752
6	$\mathcal{O}(1; \{2^{18}, 3^{13}, 6^8\})$	25165800
6	$\mathcal{O}(1; \{2^{14}, 3^{16}, 6^8\})$	201326616
6	$\mathcal{O}(1; \{2^{10}, 3^{19}, 6^8\})$	1610612712
6	$\mathcal{O}(1; \{2^6, 3^{22}, 6^8\})$	12884901912
6	$\mathcal{O}(1; \{2^2, 3^{25}, 6^8\})$	103079215080
6	$\mathcal{O}(1; \{2^{31}, 3^2, 6^9\})$	24552
6	$\mathcal{O}(1; \{2^{27}, 3^5, 6^9\})$	196632
6	$\mathcal{O}(1; \{2^{23}, 3^8, 6^9\})$	1572840

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{19}, 3^{11}, 6^9\})$	12582936
6	$\mathcal{O}(1; \{2^{15}, 3^{14}, 6^9\})$	100663272
6	$\mathcal{O}(1; \{2^{11}, 3^{17}, 6^9\})$	805306392
6	$\mathcal{O}(1; \{2^7, 3^{20}, 6^9\})$	6442450920
6	$\mathcal{O}(1; \{2^3, 3^{23}, 6^9\})$	51539607576
6	$\mathcal{O}(1; \{2^{32}, 6^{10}\})$	12312
6	$\mathcal{O}(1; \{2^{28}, 3^3, 6^{10}\})$	98280
6	$\mathcal{O}(1; \{2^{24}, 3^6, 6^{10}\})$	786456
6	$\mathcal{O}(1; \{2^{20}, 3^9, 6^{10}\})$	6291432
6	$\mathcal{O}(1; \{2^{16}, 3^{12}, 6^{10}\})$	50331672
6	$\mathcal{O}(1; \{2^{12}, 3^{15}, 6^{10}\})$	402653160
6	$\mathcal{O}(1; \{2^8, 3^{18}, 6^{10}\})$	3221225496
6	$\mathcal{O}(1; \{2^4, 3^{21}, 6^{10}\})$	25769803752
6	$\mathcal{O}(1; \{3^{24}, 6^{10}\})$	206158430232
6	$\mathcal{O}(1; \{2^{29}, 3, 6^{11}\})$	49176
6	$\mathcal{O}(1; \{2^{25}, 3^4, 6^{11}\})$	393192
6	$\mathcal{O}(1; \{2^{21}, 3^7, 6^{11}\})$	3145752
6	$\mathcal{O}(1; \{2^{17}, 3^{10}, 6^{11}\})$	25165800
6	$\mathcal{O}(1; \{2^{13}, 3^{13}, 6^{11}\})$	201326616
6	$\mathcal{O}(1; \{2^9, 3^{16}, 6^{11}\})$	1610612712
6	$\mathcal{O}(1; \{2^5, 3^{19}, 6^{11}\})$	12884901912
6	$\mathcal{O}(1; \{2, 3^{22}, 6^{11}\})$	103079215080
6	$\mathcal{O}(1; \{2^{26}, 3^2, 6^{12}\})$	196632
6	$\mathcal{O}(1; \{2^{22}, 3^5, 6^{12}\})$	1572840
6	$\mathcal{O}(1; \{2^{18}, 3^8, 6^{12}\})$	12582936
6	$\mathcal{O}(1; \{2^{14}, 3^{11}, 6^{12}\})$	100663272
6	$\mathcal{O}(1; \{2^{10}, 3^{14}, 6^{12}\})$	805306392
6	$\mathcal{O}(1; \{2^6, 3^{17}, 6^{12}\})$	6442450920
6	$\mathcal{O}(1; \{2^2, 3^{20}, 6^{12}\})$	51539607576
6	$\mathcal{O}(1; \{2^{27}, 6^{13}\})$	98280
6	$\mathcal{O}(1; \{2^{23}, 3^3, 6^{13}\})$	786456
6	$\mathcal{O}(1; \{2^{19}, 3^6, 6^{13}\})$	6291432
6	$\mathcal{O}(1; \{2^{15}, 3^9, 6^{13}\})$	50331672
6	$\mathcal{O}(1; \{2^{11}, 3^{12}, 6^{13}\})$	402653160
6	$\mathcal{O}(1; \{2^7, 3^{15}, 6^{13}\})$	3221225496
6	$\mathcal{O}(1; \{2^3, 3^{18}, 6^{13}\})$	25769803752
6	$\mathcal{O}(1; \{2^{24}, 3, 6^{14}\})$	393192
6	$\mathcal{O}(1; \{2^{20}, 3^4, 6^{14}\})$	3145752
6	$\mathcal{O}(1; \{2^{16}, 3^7, 6^{14}\})$	25165800
6	$\mathcal{O}(1; \{2^{12}, 3^{10}, 6^{14}\})$	201326616
6	$\mathcal{O}(1; \{2^8, 3^{13}, 6^{14}\})$	1610612712
6	$\mathcal{O}(1; \{2^4, 3^{16}, 6^{14}\})$	12884901912
6	$\mathcal{O}(1; \{3^{19}, 6^{14}\})$	103079215080

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{21}, 3^2, 6^{15}\})$	1572840
6	$\mathcal{O}(1; \{2^{17}, 3^5, 6^{15}\})$	12582936
6	$\mathcal{O}(1; \{2^{13}, 3^8, 6^{15}\})$	100663272
6	$\mathcal{O}(1; \{2^9, 3^{11}, 6^{15}\})$	805306392
6	$\mathcal{O}(1; \{2^5, 3^{14}, 6^{15}\})$	6442450920
6	$\mathcal{O}(1; \{2, 3^{17}, 6^{15}\})$	51539607576
6	$\mathcal{O}(1; \{2^{22}, 6^{16}\})$	786456
6	$\mathcal{O}(1; \{2^{18}, 3^3, 6^{16}\})$	6291432
6	$\mathcal{O}(1; \{2^{14}, 3^6, 6^{16}\})$	50331672
6	$\mathcal{O}(1; \{2^{10}, 3^9, 6^{16}\})$	402653160
6	$\mathcal{O}(1; \{2^6, 3^{12}, 6^{16}\})$	3221225496
6	$\mathcal{O}(1; \{2^2, 3^{15}, 6^{16}\})$	25769803752
6	$\mathcal{O}(1; \{2^{19}, 3, 6^{17}\})$	3145752
6	$\mathcal{O}(1; \{2^{15}, 3^4, 6^{17}\})$	25165800
6	$\mathcal{O}(1; \{2^{11}, 3^7, 6^{17}\})$	201326616
6	$\mathcal{O}(1; \{2^7, 3^{10}, 6^{17}\})$	1610612712
6	$\mathcal{O}(1; \{2^3, 3^{13}, 6^{17}\})$	12884901912
6	$\mathcal{O}(1; \{2^{16}, 3^2, 6^{18}\})$	12582936
6	$\mathcal{O}(1; \{2^{12}, 3^5, 6^{18}\})$	100663272
6	$\mathcal{O}(1; \{2^8, 3^8, 6^{18}\})$	805306392
6	$\mathcal{O}(1; \{2^4, 3^{11}, 6^{18}\})$	6442450920
6	$\mathcal{O}(1; \{3^{14}, 6^{18}\})$	51539607576
6	$\mathcal{O}(1; \{2^{17}, 6^{19}\})$	6291432
6	$\mathcal{O}(1; \{2^{13}, 3^3, 6^{19}\})$	50331672
6	$\mathcal{O}(1; \{2^9, 3^6, 6^{19}\})$	402653160
6	$\mathcal{O}(1; \{2^5, 3^9, 6^{19}\})$	3221225496
6	$\mathcal{O}(1; \{2, 3^{12}, 6^{19}\})$	25769803752
6	$\mathcal{O}(1; \{2^{14}, 3, 6^{20}\})$	25165800
6	$\mathcal{O}(1; \{2^{10}, 3^4, 6^{20}\})$	201326616
6	$\mathcal{O}(1; \{2^6, 3^7, 6^{20}\})$	1610612712
6	$\mathcal{O}(1; \{2^2, 3^{10}, 6^{20}\})$	12884901912
6	$\mathcal{O}(1; \{2^{11}, 3^2, 6^{21}\})$	100663272
6	$\mathcal{O}(1; \{2^7, 3^5, 6^{21}\})$	805306392
6	$\mathcal{O}(1; \{2^3, 3^8, 6^{21}\})$	6442450920
6	$\mathcal{O}(1; \{2^{12}, 6^{22}\})$	50331672
6	$\mathcal{O}(1; \{2^8, 3^3, 6^{22}\})$	402653160
6	$\mathcal{O}(1; \{2^4, 3^6, 6^{22}\})$	3221225496
6	$\mathcal{O}(1; \{3^9, 6^{22}\})$	25769803752
6	$\mathcal{O}(1; \{2^9, 3, 6^{23}\})$	201326616
6	$\mathcal{O}(1; \{2^5, 3^4, 6^{23}\})$	1610612712
6	$\mathcal{O}(1; \{2, 3^7, 6^{23}\})$	12884901912
6	$\mathcal{O}(1; \{2^6, 3^2, 6^{24}\})$	805306392
6	$\mathcal{O}(1; \{2^2, 3^5, 6^{24}\})$	6442450920

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^7, 6^{25}\})$	402653160
6	$\mathcal{O}(1; \{2^3, 3^3, 6^{25}\})$	3221225496
6	$\mathcal{O}(1; \{2^4, 3, 6^{26}\})$	1610612712
6	$\mathcal{O}(1; \{3^4, 6^{26}\})$	12884901912
6	$\mathcal{O}(1; \{2, 3^2, 6^{27}\})$	6442450920
6	$\mathcal{O}(1; \{2^2, 6^{28}\})$	3221225496
6	$\mathcal{O}(0; \{2^{50}, 3^2\})$	2
6	$\mathcal{O}(0; \{2^{46}, 3^5\})$	10
6	$\mathcal{O}(0; \{2^{42}, 3^8\})$	86
6	$\mathcal{O}(0; \{2^{38}, 3^{11}\})$	682
6	$\mathcal{O}(0; \{2^{34}, 3^{14}\})$	5462
6	$\mathcal{O}(0; \{2^{30}, 3^{17}\})$	43690
6	$\mathcal{O}(0; \{2^{26}, 3^{20}\})$	349526
6	$\mathcal{O}(0; \{2^{22}, 3^{23}\})$	2796202
6	$\mathcal{O}(0; \{2^{18}, 3^{26}\})$	22369622
6	$\mathcal{O}(0; \{2^{14}, 3^{29}\})$	178956970
6	$\mathcal{O}(0; \{2^{10}, 3^{32}\})$	1431655766
6	$\mathcal{O}(0; \{2^6, 3^{35}\})$	11453246122
6	$\mathcal{O}(0; \{2^2, 3^{38}\})$	91625968982
6	$\mathcal{O}(0; \{2^{47}, 3^3, 6\})$	6
6	$\mathcal{O}(0; \{2^{43}, 3^6, 6\})$	42
6	$\mathcal{O}(0; \{2^{39}, 3^9, 6\})$	342
6	$\mathcal{O}(0; \{2^{35}, 3^{12}, 6\})$	2730
6	$\mathcal{O}(0; \{2^{31}, 3^{15}, 6\})$	21846
6	$\mathcal{O}(0; \{2^{27}, 3^{18}, 6\})$	174762
6	$\mathcal{O}(0; \{2^{23}, 3^{21}, 6\})$	1398102
6	$\mathcal{O}(0; \{2^{19}, 3^{24}, 6\})$	11184810
6	$\mathcal{O}(0; \{2^{15}, 3^{27}, 6\})$	89478486
6	$\mathcal{O}(0; \{2^{11}, 3^{30}, 6\})$	715827882
6	$\mathcal{O}(0; \{2^7, 3^{33}, 6\})$	5726623062
6	$\mathcal{O}(0; \{2^3, 3^{36}, 6\})$	45812984490
6	$\mathcal{O}(0; \{2^{48}, 3, 6^2\})$	2
6	$\mathcal{O}(0; \{2^{44}, 3^4, 6^2\})$	22
6	$\mathcal{O}(0; \{2^{40}, 3^7, 6^2\})$	170
6	$\mathcal{O}(0; \{2^{36}, 3^{10}, 6^2\})$	1366
6	$\mathcal{O}(0; \{2^{32}, 3^{13}, 6^2\})$	10922
6	$\mathcal{O}(0; \{2^{28}, 3^{16}, 6^2\})$	87382
6	$\mathcal{O}(0; \{2^{24}, 3^{19}, 6^2\})$	699050
6	$\mathcal{O}(0; \{2^{20}, 3^{22}, 6^2\})$	5592406
6	$\mathcal{O}(0; \{2^{16}, 3^{25}, 6^2\})$	44739242
6	$\mathcal{O}(0; \{2^{12}, 3^{28}, 6^2\})$	357913942
6	$\mathcal{O}(0; \{2^8, 3^{31}, 6^2\})$	2863311530
6	$\mathcal{O}(0; \{2^4, 3^{34}, 6^2\})$	22906492246

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Table 4 – continued from previous page

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

Continued on next page

Table 4 – continued from previous page

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{3^{27}, 6^{10}\})$	45812984490
6	$\mathcal{O}(0; \{2^{33}, 3, 6^{11}\})$	1366
6	$\mathcal{O}(0; \{2^{29}, 3^4, 6^{11}\})$	10922
6	$\mathcal{O}(0; \{2^{25}, 3^7, 6^{11}\})$	87382
6	$\mathcal{O}(0; \{2^{21}, 3^{10}, 6^{11}\})$	699050
6	$\mathcal{O}(0; \{2^{17}, 3^{13}, 6^{11}\})$	5592406
6	$\mathcal{O}(0; \{2^{13}, 3^{16}, 6^{11}\})$	44739242
6	$\mathcal{O}(0; \{2^9, 3^{19}, 6^{11}\})$	357913942
6	$\mathcal{O}(0; \{2^5, 3^{22}, 6^{11}\})$	2863311530
6	$\mathcal{O}(0; \{2, 3^{25}, 6^{11}\})$	22906492246
6	$\mathcal{O}(0; \{2^{30}, 3^2, 6^{12}\})$	5462
6	$\mathcal{O}(0; \{2^{26}, 3^5, 6^{12}\})$	43690
6	$\mathcal{O}(0; \{2^{22}, 3^8, 6^{12}\})$	349526
6	$\mathcal{O}(0; \{2^{18}, 3^{11}, 6^{12}\})$	2796202
6	$\mathcal{O}(0; \{2^{14}, 3^{14}, 6^{12}\})$	22369622
6	$\mathcal{O}(0; \{2^{10}, 3^{17}, 6^{12}\})$	178956970
6	$\mathcal{O}(0; \{2^6, 3^{20}, 6^{12}\})$	1431655766
6	$\mathcal{O}(0; \{2^2, 3^{23}, 6^{12}\})$	11453246122
6	$\mathcal{O}(0; \{2^{31}, 6^{13}\})$	2730
6	$\mathcal{O}(0; \{2^{27}, 3^3, 6^{13}\})$	21846
6	$\mathcal{O}(0; \{2^{23}, 3^6, 6^{13}\})$	174762
6	$\mathcal{O}(0; \{2^{19}, 3^9, 6^{13}\})$	1398102
6	$\mathcal{O}(0; \{2^{15}, 3^{12}, 6^{13}\})$	11184810
6	$\mathcal{O}(0; \{2^{11}, 3^{15}, 6^{13}\})$	89478486
6	$\mathcal{O}(0; \{2^7, 3^{18}, 6^{13}\})$	715827882
6	$\mathcal{O}(0; \{2^3, 3^{21}, 6^{13}\})$	5726623062
6	$\mathcal{O}(0; \{2^{28}, 3, 6^{14}\})$	10922
6	$\mathcal{O}(0; \{2^{24}, 3^4, 6^{14}\})$	87382
6	$\mathcal{O}(0; \{2^{20}, 3^7, 6^{14}\})$	699050
6	$\mathcal{O}(0; \{2^{16}, 3^{10}, 6^{14}\})$	5592406
6	$\mathcal{O}(0; \{2^{12}, 3^{13}, 6^{14}\})$	44739242
6	$\mathcal{O}(0; \{2^8, 3^{16}, 6^{14}\})$	357913942
6	$\mathcal{O}(0; \{2^4, 3^{19}, 6^{14}\})$	2863311530
6	$\mathcal{O}(0; \{3^{22}, 6^{14}\})$	22906492246
6	$\mathcal{O}(0; \{2^{25}, 3^2, 6^{15}\})$	43690
6	$\mathcal{O}(0; \{2^{21}, 3^5, 6^{15}\})$	349526
6	$\mathcal{O}(0; \{2^{17}, 3^8, 6^{15}\})$	2796202
6	$\mathcal{O}(0; \{2^{13}, 3^{11}, 6^{15}\})$	22369622
6	$\mathcal{O}(0; \{2^9, 3^{14}, 6^{15}\})$	178956970
6	$\mathcal{O}(0; \{2^5, 3^{17}, 6^{15}\})$	1431655766
6	$\mathcal{O}(0; \{2, 3^{20}, 6^{15}\})$	11453246122
6	$\mathcal{O}(0; \{2^{26}, 6^{16}\})$	21846
6	$\mathcal{O}(0; \{2^{22}, 3^3, 6^{16}\})$	174762

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{18}, 3^6, 6^{16}\})$	1398102
6	$\mathcal{O}(0; \{2^{14}, 3^9, 6^{16}\})$	11184810
6	$\mathcal{O}(0; \{2^{10}, 3^{12}, 6^{16}\})$	89478486
6	$\mathcal{O}(0; \{2^6, 3^{15}, 6^{16}\})$	715827882
6	$\mathcal{O}(0; \{2^2, 3^{18}, 6^{16}\})$	5726623062
6	$\mathcal{O}(0; \{2^{23}, 3, 6^{17}\})$	87382
6	$\mathcal{O}(0; \{2^{19}, 3^4, 6^{17}\})$	699050
6	$\mathcal{O}(0; \{2^{15}, 3^7, 6^{17}\})$	5592406
6	$\mathcal{O}(0; \{2^{11}, 3^{10}, 6^{17}\})$	44739242
6	$\mathcal{O}(0; \{2^7, 3^{13}, 6^{17}\})$	357913942
6	$\mathcal{O}(0; \{2^3, 3^{16}, 6^{17}\})$	2863311530
6	$\mathcal{O}(0; \{2^{20}, 3^2, 6^{18}\})$	349526
6	$\mathcal{O}(0; \{2^{16}, 3^5, 6^{18}\})$	2796202
6	$\mathcal{O}(0; \{2^{12}, 3^8, 6^{18}\})$	22369622
6	$\mathcal{O}(0; \{2^8, 3^{11}, 6^{18}\})$	178956970
6	$\mathcal{O}(0; \{2^4, 3^{14}, 6^{18}\})$	1431655766
6	$\mathcal{O}(0; \{3^{17}, 6^{18}\})$	11453246122
6	$\mathcal{O}(0; \{2^{21}, 6^{19}\})$	174762
6	$\mathcal{O}(0; \{2^{17}, 3^3, 6^{19}\})$	1398102
6	$\mathcal{O}(0; \{2^{13}, 3^6, 6^{19}\})$	11184810
6	$\mathcal{O}(0; \{2^9, 3^9, 6^{19}\})$	89478486
6	$\mathcal{O}(0; \{2^5, 3^{12}, 6^{19}\})$	715827882
6	$\mathcal{O}(0; \{2, 3^{15}, 6^{19}\})$	5726623062
6	$\mathcal{O}(0; \{2^{18}, 3, 6^{20}\})$	699050
6	$\mathcal{O}(0; \{2^{14}, 3^4, 6^{20}\})$	5592406
6	$\mathcal{O}(0; \{2^{10}, 3^7, 6^{20}\})$	44739242
6	$\mathcal{O}(0; \{2^6, 3^{10}, 6^{20}\})$	357913942
6	$\mathcal{O}(0; \{2^2, 3^{13}, 6^{20}\})$	2863311530
6	$\mathcal{O}(0; \{2^{15}, 3^2, 6^{21}\})$	2796202
6	$\mathcal{O}(0; \{2^{11}, 3^5, 6^{21}\})$	22369622
6	$\mathcal{O}(0; \{2^7, 3^8, 6^{21}\})$	178956970
6	$\mathcal{O}(0; \{2^3, 3^{11}, 6^{21}\})$	1431655766
6	$\mathcal{O}(0; \{2^{16}, 6^{22}\})$	1398102
6	$\mathcal{O}(0; \{2^{12}, 3^3, 6^{22}\})$	11184810
6	$\mathcal{O}(0; \{2^8, 3^6, 6^{22}\})$	89478486
6	$\mathcal{O}(0; \{2^4, 3^9, 6^{22}\})$	715827882
6	$\mathcal{O}(0; \{3^{12}, 6^{22}\})$	5726623062
6	$\mathcal{O}(0; \{2^{13}, 3, 6^{23}\})$	5592406
6	$\mathcal{O}(0; \{2^9, 3^4, 6^{23}\})$	44739242
6	$\mathcal{O}(0; \{2^5, 3^7, 6^{23}\})$	357913942
6	$\mathcal{O}(0; \{2, 3^{10}, 6^{23}\})$	2863311530
6	$\mathcal{O}(0; \{2^{10}, 3^2, 6^{24}\})$	22369622
6	$\mathcal{O}(0; \{2^6, 3^5, 6^{24}\})$	178956970

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^2, 3^8, 6^{24}\})$	1431655766
6	$\mathcal{O}(0; \{2^{11}, 6^{25}\})$	11184810
6	$\mathcal{O}(0; \{2^7, 3^3, 6^{25}\})$	89478486
6	$\mathcal{O}(0; \{2^3, 3^6, 6^{25}\})$	715827882
6	$\mathcal{O}(0; \{2^8, 3, 6^{26}\})$	44739242
6	$\mathcal{O}(0; \{2^4, 3^4, 6^{26}\})$	357913942
6	$\mathcal{O}(0; \{3^7, 6^{26}\})$	2863311530
6	$\mathcal{O}(0; \{2^5, 3^2, 6^{27}\})$	178956970
6	$\mathcal{O}(0; \{2, 3^5, 6^{27}\})$	1431655766
6	$\mathcal{O}(0; \{2^6, 6^{28}\})$	89478486
6	$\mathcal{O}(0; \{2^2, 3^3, 6^{28}\})$	715827882
6	$\mathcal{O}(0; \{2^3, 3, 6^{29}\})$	357913942
6	$\mathcal{O}(0; \{3^2, 6^{30}\})$	1431655766
6	$\mathcal{O}(0; \{2, 6^{31}\})$	715827882
7	$\mathcal{O}(8; \{7^8\})$	7974108758453481546
7	$\mathcal{O}(5; \{7^{15}\})$	18973660084638843990
7	$\mathcal{O}(2; \{7^{22}\})$	45146244417897629706
8	$\mathcal{O}(9; \{2, 8^2\})$	72057594037927936
8	$\mathcal{O}(8; \{2^5, 8^2\})$	1125899906842624
8	$\mathcal{O}(8; \{2^2, 4^2, 8^2\})$	4503599627370496
8	$\mathcal{O}(8; \{4, 8^4\})$	36028797018963968
8	$\mathcal{O}(7; \{2^9, 8^2\})$	17592186044416
8	$\mathcal{O}(7; \{2^6, 4^2, 8^2\})$	70368744177664
8	$\mathcal{O}(7; \{2^3, 4^4, 8^2\})$	281474976710656
8	$\mathcal{O}(7; \{4^6, 8^2\})$	1125899906842624
8	$\mathcal{O}(7; \{2^4, 4, 8^4\})$	562949953421312
8	$\mathcal{O}(7; \{2, 4^3, 8^4\})$	2251799813685248
8	$\mathcal{O}(7; \{2^2, 8^6\})$	4503599627370496
8	$\mathcal{O}(6; \{2^{13}, 8^2\})$	274877906944
8	$\mathcal{O}(6; \{2^{10}, 4^2, 8^2\})$	1099511627776
8	$\mathcal{O}(6; \{2^7, 4^4, 8^2\})$	4398046511104
8	$\mathcal{O}(6; \{2^4, 4^6, 8^2\})$	17592186044416
8	$\mathcal{O}(6; \{2, 4^8, 8^2\})$	70368744177664
8	$\mathcal{O}(6; \{2^8, 4, 8^4\})$	8796093022208
8	$\mathcal{O}(6; \{2^5, 4^3, 8^4\})$	35184372088832
8	$\mathcal{O}(6; \{2^2, 4^5, 8^4\})$	140737488355328
8	$\mathcal{O}(6; \{2^6, 8^6\})$	70368744177664
8	$\mathcal{O}(6; \{2^3, 4^2, 8^6\})$	281474976710656
8	$\mathcal{O}(6; \{4^4, 8^6\})$	1125899906842624
8	$\mathcal{O}(6; \{2, 4, 8^8\})$	2251799813685248
8	$\mathcal{O}(5; \{2^{17}, 8^2\})$	4294967296
8	$\mathcal{O}(5; \{2^{14}, 4^2, 8^2\})$	17179869184
8	$\mathcal{O}(5; \{2^{11}, 4^4, 8^2\})$	68719476736

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{8^{14}\})$	1125899906842624
8	$\mathcal{O}(3; \{2^{25}, 8^2\})$	1048576
8	$\mathcal{O}(3; \{2^{22}, 4^2, 8^2\})$	4194304
8	$\mathcal{O}(3; \{2^{19}, 4^4, 8^2\})$	16777216
8	$\mathcal{O}(3; \{2^{16}, 4^6, 8^2\})$	67108864
8	$\mathcal{O}(3; \{2^{13}, 4^8, 8^2\})$	268435456
8	$\mathcal{O}(3; \{2^{10}, 4^{10}, 8^2\})$	1073741824
8	$\mathcal{O}(3; \{2^7, 4^{12}, 8^2\})$	4294967296
8	$\mathcal{O}(3; \{2^4, 4^{14}, 8^2\})$	17179869184
8	$\mathcal{O}(3; \{2, 4^{16}, 8^2\})$	68719476736
8	$\mathcal{O}(3; \{2^{20}, 4, 8^4\})$	33554432
8	$\mathcal{O}(3; \{2^{17}, 4^3, 8^4\})$	134217728
8	$\mathcal{O}(3; \{2^{14}, 4^5, 8^4\})$	536870912
8	$\mathcal{O}(3; \{2^{11}, 4^7, 8^4\})$	2147483648
8	$\mathcal{O}(3; \{2^8, 4^9, 8^4\})$	8589934592
8	$\mathcal{O}(3; \{2^5, 4^{11}, 8^4\})$	34359738368
8	$\mathcal{O}(3; \{2^2, 4^{13}, 8^4\})$	137438953472
8	$\mathcal{O}(3; \{2^{18}, 8^6\})$	268435456
8	$\mathcal{O}(3; \{2^{15}, 4^2, 8^6\})$	1073741824
8	$\mathcal{O}(3; \{2^{12}, 4^4, 8^6\})$	4294967296
8	$\mathcal{O}(3; \{2^9, 4^6, 8^6\})$	17179869184
8	$\mathcal{O}(3; \{2^6, 4^8, 8^6\})$	68719476736
8	$\mathcal{O}(3; \{2^3, 4^{10}, 8^6\})$	274877906944
8	$\mathcal{O}(3; \{4^{12}, 8^6\})$	1099511627776
8	$\mathcal{O}(3; \{2^{13}, 4, 8^8\})$	8589934592
8	$\mathcal{O}(3; \{2^{10}, 4^3, 8^8\})$	34359738368
8	$\mathcal{O}(3; \{2^7, 4^5, 8^8\})$	137438953472
8	$\mathcal{O}(3; \{2^4, 4^7, 8^8\})$	549755813888
8	$\mathcal{O}(3; \{2, 4^9, 8^8\})$	2199023255552
8	$\mathcal{O}(3; \{2^{11}, 8^{10}\})$	68719476736
8	$\mathcal{O}(3; \{2^8, 4^2, 8^{10}\})$	274877906944
8	$\mathcal{O}(3; \{2^5, 4^4, 8^{10}\})$	1099511627776
8	$\mathcal{O}(3; \{2^2, 4^6, 8^{10}\})$	4398046511104
8	$\mathcal{O}(3; \{2^6, 4, 8^{12}\})$	2199023255552
8	$\mathcal{O}(3; \{2^3, 4^3, 8^{12}\})$	8796093022208
8	$\mathcal{O}(3; \{4^5, 8^{12}\})$	35184372088832
8	$\mathcal{O}(3; \{2^4, 8^{14}\})$	17592186044416
8	$\mathcal{O}(3; \{2, 4^2, 8^{14}\})$	70368744177664
8	$\mathcal{O}(2; \{2^{29}, 8^2\})$	16384
8	$\mathcal{O}(2; \{2^{26}, 4^2, 8^2\})$	65536
8	$\mathcal{O}(2; \{2^{23}, 4^4, 8^2\})$	262144
8	$\mathcal{O}(2; \{2^{20}, 4^6, 8^2\})$	1048576
8	$\mathcal{O}(2; \{2^{17}, 4^8, 8^2\})$	4194304

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^{14}, 4^{10}, 8^2\})$	16777216
8	$\mathcal{O}(2; \{2^{11}, 4^{12}, 8^2\})$	67108864
8	$\mathcal{O}(2; \{2^8, 4^{14}, 8^2\})$	268435456
8	$\mathcal{O}(2; \{2^5, 4^{16}, 8^2\})$	1073741824
8	$\mathcal{O}(2; \{2^2, 4^{18}, 8^2\})$	4294967296
8	$\mathcal{O}(2; \{2^{24}, 4, 8^4\})$	524288
8	$\mathcal{O}(2; \{2^{21}, 4^3, 8^4\})$	2097152
8	$\mathcal{O}(2; \{2^{18}, 4^5, 8^4\})$	8388608
8	$\mathcal{O}(2; \{2^{15}, 4^7, 8^4\})$	33554432
8	$\mathcal{O}(2; \{2^{12}, 4^9, 8^4\})$	134217728
8	$\mathcal{O}(2; \{2^9, 4^{11}, 8^4\})$	536870912
8	$\mathcal{O}(2; \{2^6, 4^{13}, 8^4\})$	2147483648
8	$\mathcal{O}(2; \{2^3, 4^{15}, 8^4\})$	8589934592
8	$\mathcal{O}(2; \{4^{17}, 8^4\})$	34359738368
8	$\mathcal{O}(2; \{2^{22}, 8^6\})$	4194304
8	$\mathcal{O}(2; \{2^{19}, 4^2, 8^6\})$	16777216
8	$\mathcal{O}(2; \{2^{16}, 4^4, 8^6\})$	67108864
8	$\mathcal{O}(2; \{2^{13}, 4^6, 8^6\})$	268435456
8	$\mathcal{O}(2; \{2^{10}, 4^8, 8^6\})$	1073741824
8	$\mathcal{O}(2; \{2^7, 4^{10}, 8^6\})$	4294967296
8	$\mathcal{O}(2; \{2^4, 4^{12}, 8^6\})$	17179869184
8	$\mathcal{O}(2; \{2, 4^{14}, 8^6\})$	68719476736
8	$\mathcal{O}(2; \{2^{17}, 4, 8^8\})$	134217728
8	$\mathcal{O}(2; \{2^{14}, 4^3, 8^8\})$	536870912
8	$\mathcal{O}(2; \{2^{11}, 4^5, 8^8\})$	2147483648
8	$\mathcal{O}(2; \{2^8, 4^7, 8^8\})$	8589934592
8	$\mathcal{O}(2; \{2^5, 4^9, 8^8\})$	34359738368
8	$\mathcal{O}(2; \{2^2, 4^{11}, 8^8\})$	137438953472
8	$\mathcal{O}(2; \{2^{15}, 8^{10}\})$	1073741824
8	$\mathcal{O}(2; \{2^{12}, 4^2, 8^{10}\})$	4294967296
8	$\mathcal{O}(2; \{2^9, 4^4, 8^{10}\})$	17179869184
8	$\mathcal{O}(2; \{2^6, 4^6, 8^{10}\})$	68719476736
8	$\mathcal{O}(2; \{2^3, 4^8, 8^{10}\})$	274877906944
8	$\mathcal{O}(2; \{4^{10}, 8^{10}\})$	1099511627776
8	$\mathcal{O}(2; \{2^{10}, 4, 8^{12}\})$	34359738368
8	$\mathcal{O}(2; \{2^7, 4^3, 8^{12}\})$	137438953472
8	$\mathcal{O}(2; \{2^4, 4^5, 8^{12}\})$	549755813888
8	$\mathcal{O}(2; \{2, 4^7, 8^{12}\})$	2199023255552
8	$\mathcal{O}(2; \{2^8, 8^{14}\})$	274877906944
8	$\mathcal{O}(2; \{2^5, 4^2, 8^{14}\})$	1099511627776
8	$\mathcal{O}(2; \{2^2, 4^4, 8^{14}\})$	4398046511104
8	$\mathcal{O}(2; \{2^3, 4, 8^{16}\})$	8796093022208
8	$\mathcal{O}(2; \{4^3, 8^{16}\})$	35184372088832

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2, 8^{18}\})$	70368744177664
8	$\mathcal{O}(1; \{2^{33}, 8^2\})$	256
8	$\mathcal{O}(1; \{2^{30}, 4^2, 8^2\})$	1024
8	$\mathcal{O}(1; \{2^{27}, 4^4, 8^2\})$	4096
8	$\mathcal{O}(1; \{2^{24}, 4^6, 8^2\})$	16384
8	$\mathcal{O}(1; \{2^{21}, 4^8, 8^2\})$	65536
8	$\mathcal{O}(1; \{2^{18}, 4^{10}, 8^2\})$	262144
8	$\mathcal{O}(1; \{2^{15}, 4^{12}, 8^2\})$	1048576
8	$\mathcal{O}(1; \{2^{12}, 4^{14}, 8^2\})$	4194304
8	$\mathcal{O}(1; \{2^9, 4^{16}, 8^2\})$	16777216
8	$\mathcal{O}(1; \{2^6, 4^{18}, 8^2\})$	67108864
8	$\mathcal{O}(1; \{2^3, 4^{20}, 8^2\})$	268435456
8	$\mathcal{O}(1; \{4^{22}, 8^2\})$	1073741824
8	$\mathcal{O}(1; \{2^{28}, 4, 8^4\})$	8192
8	$\mathcal{O}(1; \{2^{25}, 4^3, 8^4\})$	32768
8	$\mathcal{O}(1; \{2^{22}, 4^5, 8^4\})$	131072
8	$\mathcal{O}(1; \{2^{19}, 4^7, 8^4\})$	524288
8	$\mathcal{O}(1; \{2^{16}, 4^9, 8^4\})$	2097152
8	$\mathcal{O}(1; \{2^{13}, 4^{11}, 8^4\})$	8388608
8	$\mathcal{O}(1; \{2^{10}, 4^{13}, 8^4\})$	33554432
8	$\mathcal{O}(1; \{2^7, 4^{15}, 8^4\})$	134217728
8	$\mathcal{O}(1; \{2^4, 4^{17}, 8^4\})$	536870912
8	$\mathcal{O}(1; \{2, 4^{19}, 8^4\})$	2147483648
8	$\mathcal{O}(1; \{2^{26}, 8^6\})$	65536
8	$\mathcal{O}(1; \{2^{23}, 4^2, 8^6\})$	262144
8	$\mathcal{O}(1; \{2^{20}, 4^4, 8^6\})$	1048576
8	$\mathcal{O}(1; \{2^{17}, 4^6, 8^6\})$	4194304
8	$\mathcal{O}(1; \{2^{14}, 4^8, 8^6\})$	16777216
8	$\mathcal{O}(1; \{2^{11}, 4^{10}, 8^6\})$	67108864
8	$\mathcal{O}(1; \{2^8, 4^{12}, 8^6\})$	268435456
8	$\mathcal{O}(1; \{2^5, 4^{14}, 8^6\})$	1073741824
8	$\mathcal{O}(1; \{2^2, 4^{16}, 8^6\})$	4294967296
8	$\mathcal{O}(1; \{2^{21}, 4, 8^8\})$	2097152
8	$\mathcal{O}(1; \{2^{18}, 4^3, 8^8\})$	8388608
8	$\mathcal{O}(1; \{2^{15}, 4^5, 8^8\})$	33554432
8	$\mathcal{O}(1; \{2^{12}, 4^7, 8^8\})$	134217728
8	$\mathcal{O}(1; \{2^9, 4^9, 8^8\})$	536870912
8	$\mathcal{O}(1; \{2^6, 4^{11}, 8^8\})$	2147483648
8	$\mathcal{O}(1; \{2^3, 4^{13}, 8^8\})$	8589934592
8	$\mathcal{O}(1; \{4^{15}, 8^8\})$	34359738368
8	$\mathcal{O}(1; \{2^{19}, 8^{10}\})$	16777216
8	$\mathcal{O}(1; \{2^{16}, 4^2, 8^{10}\})$	67108864
8	$\mathcal{O}(1; \{2^{13}, 4^4, 8^{10}\})$	268435456

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^{10}, 4^6, 8^{10}\})$	1073741824
8	$\mathcal{O}(1; \{2^7, 4^8, 8^{10}\})$	4294967296
8	$\mathcal{O}(1; \{2^4, 4^{10}, 8^{10}\})$	17179869184
8	$\mathcal{O}(1; \{2, 4^{12}, 8^{10}\})$	68719476736
8	$\mathcal{O}(1; \{2^{14}, 4, 8^{12}\})$	536870912
8	$\mathcal{O}(1; \{2^{11}, 4^3, 8^{12}\})$	2147483648
8	$\mathcal{O}(1; \{2^8, 4^5, 8^{12}\})$	8589934592
8	$\mathcal{O}(1; \{2^5, 4^7, 8^{12}\})$	34359738368
8	$\mathcal{O}(1; \{2^2, 4^9, 8^{12}\})$	137438953472
8	$\mathcal{O}(1; \{2^{12}, 8^{14}\})$	4294967296
8	$\mathcal{O}(1; \{2^9, 4^2, 8^{14}\})$	17179869184
8	$\mathcal{O}(1; \{2^6, 4^4, 8^{14}\})$	68719476736
8	$\mathcal{O}(1; \{2^3, 4^6, 8^{14}\})$	274877906944
8	$\mathcal{O}(1; \{4^8, 8^{14}\})$	1099511627776
8	$\mathcal{O}(1; \{2^7, 4, 8^{16}\})$	137438953472
8	$\mathcal{O}(1; \{2^4, 4^3, 8^{16}\})$	549755813888
8	$\mathcal{O}(1; \{2, 4^5, 8^{16}\})$	2199023255552
8	$\mathcal{O}(1; \{2^5, 8^{18}\})$	1099511627776
8	$\mathcal{O}(1; \{2^2, 4^2, 8^{18}\})$	4398046511104
8	$\mathcal{O}(1; \{4, 8^{20}\})$	35184372088832
8	$\mathcal{O}(0; \{2^{37}, 8^2\})$	4
8	$\mathcal{O}(0; \{2^{34}, 4^2, 8^2\})$	16
8	$\mathcal{O}(0; \{2^{31}, 4^4, 8^2\})$	64
8	$\mathcal{O}(0; \{2^{28}, 4^6, 8^2\})$	256
8	$\mathcal{O}(0; \{2^{25}, 4^8, 8^2\})$	1024
8	$\mathcal{O}(0; \{2^{22}, 4^{10}, 8^2\})$	4096
8	$\mathcal{O}(0; \{2^{19}, 4^{12}, 8^2\})$	16384
8	$\mathcal{O}(0; \{2^{16}, 4^{14}, 8^2\})$	65536
8	$\mathcal{O}(0; \{2^{13}, 4^{16}, 8^2\})$	262144
8	$\mathcal{O}(0; \{2^{10}, 4^{18}, 8^2\})$	1048576
8	$\mathcal{O}(0; \{2^7, 4^{20}, 8^2\})$	4194304
8	$\mathcal{O}(0; \{2^4, 4^{22}, 8^2\})$	16777216
8	$\mathcal{O}(0; \{2, 4^{24}, 8^2\})$	67108864
8	$\mathcal{O}(0; \{2^{32}, 4, 8^4\})$	128
8	$\mathcal{O}(0; \{2^{29}, 4^3, 8^4\})$	512
8	$\mathcal{O}(0; \{2^{26}, 4^5, 8^4\})$	2048
8	$\mathcal{O}(0; \{2^{23}, 4^7, 8^4\})$	8192
8	$\mathcal{O}(0; \{2^{20}, 4^9, 8^4\})$	32768
8	$\mathcal{O}(0; \{2^{17}, 4^{11}, 8^4\})$	131072
8	$\mathcal{O}(0; \{2^{14}, 4^{13}, 8^4\})$	524288
8	$\mathcal{O}(0; \{2^{11}, 4^{15}, 8^4\})$	2097152
8	$\mathcal{O}(0; \{2^8, 4^{17}, 8^4\})$	8388608
8	$\mathcal{O}(0; \{2^5, 4^{19}, 8^4\})$	33554432

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^8, 4^3, 8^{16}\})$	8589934592
8	$\mathcal{O}(0; \{2^5, 4^5, 8^{16}\})$	34359738368
8	$\mathcal{O}(0; \{2^2, 4^7, 8^{16}\})$	137438953472
8	$\mathcal{O}(0; \{2^9, 8^{18}\})$	17179869184
8	$\mathcal{O}(0; \{2^6, 4^2, 8^{18}\})$	68719476736
8	$\mathcal{O}(0; \{2^3, 4^4, 8^{18}\})$	274877906944
8	$\mathcal{O}(0; \{4^6, 8^{18}\})$	1099511627776
8	$\mathcal{O}(0; \{2^4, 4, 8^{20}\})$	549755813888
8	$\mathcal{O}(0; \{2, 4^3, 8^{20}\})$	2199023255552
8	$\mathcal{O}(0; \{2^2, 8^{22}\})$	4398046511104
9	$\mathcal{O}(7; \{3, 9^4\})$	7412080755407364
9	$\mathcal{O}(6; \{3^4, 9^4\})$	732057358558752
9	$\mathcal{O}(6; \{9^7\})$	8647427547975258
9	$\mathcal{O}(5; \{3^7, 9^4\})$	72301961339136
9	$\mathcal{O}(5; \{3^3, 9^7\})$	854066918318544
9	$\mathcal{O}(4; \{3^{10}, 9^4\})$	7140934453248
9	$\mathcal{O}(4; \{3^6, 9^7\})$	84352288228992
9	$\mathcal{O}(4; \{3^2, 9^{10}\})$	1159090817718024
9	$\mathcal{O}(3; \{3^{13}, 9^4\})$	705277476864
9	$\mathcal{O}(3; \{3^9, 9^7\})$	8331090195456
9	$\mathcal{O}(3; \{3^5, 9^{10}\})$	114478105453632
9	$\mathcal{O}(3; \{3, 9^{13}\})$	1542065269186260
9	$\mathcal{O}(2; \{3^{16}, 9^4\})$	69657034752
9	$\mathcal{O}(2; \{3^{12}, 9^7\})$	822823723008
9	$\mathcal{O}(2; \{3^8, 9^{10}\})$	11306479550976
9	$\mathcal{O}(2; \{3^4, 9^{13}\})$	152302742635680
9	$\mathcal{O}(2; \{9^{16}\})$	2056651884654642
9	$\mathcal{O}(1; \{3^{19}, 9^4\})$	6879707136
9	$\mathcal{O}(1; \{3^{15}, 9^7\})$	81266540544
9	$\mathcal{O}(1; \{3^{11}, 9^{10}\})$	1116689338368
9	$\mathcal{O}(1; \{3^7, 9^{13}\})$	15042246186240
9	$\mathcal{O}(1; \{3^3, 9^{16}\})$	203126112064656
9	$\mathcal{O}(0; \{3^{22}, 9^4\})$	679477248
9	$\mathcal{O}(0; \{3^{18}, 9^7\})$	8026324992
9	$\mathcal{O}(0; \{3^{14}, 9^{10}\})$	110290305024
9	$\mathcal{O}(0; \{3^{10}, 9^{13}\})$	1485653944320
9	$\mathcal{O}(0; \{3^6, 9^{16}\})$	20061838228608
9	$\mathcal{O}(0; \{3^2, 9^{19}\})$	270825517994472
10	$\mathcal{O}(7; \{2^2, 5^2\})$	40000000000000
10	$\mathcal{O}(7; \{5, 10^2\})$	120000000000000
10	$\mathcal{O}(6; \{2^6, 5^2\})$	4000000000000
10	$\mathcal{O}(6; \{2, 5^4, 10\})$	20400000000000
10	$\mathcal{O}(6; \{2^4, 5, 10^2\})$	12000000000000

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(6; \{2^2, 10^4\})$	52000000000000
10	$\mathcal{O}(5; \{2^{10}, 5^2\})$	400000000000
10	$\mathcal{O}(5; \{2^2, 5^7\})$	32760000000000
10	$\mathcal{O}(5; \{2^5, 5^4, 10\})$	20400000000000
10	$\mathcal{O}(5; \{2^8, 5, 10^2\})$	12000000000000
10	$\mathcal{O}(5; \{5^6, 10^2\})$	1310800000000000
10	$\mathcal{O}(5; \{2^3, 5^3, 10^3\})$	82000000000000
10	$\mathcal{O}(5; \{2^6, 10^4\})$	52000000000000
10	$\mathcal{O}(5; \{2, 5^2, 10^5\})$	3276000000000000
10	$\mathcal{O}(4; \{2^{14}, 5^2\})$	4000000000
10	$\mathcal{O}(4; \{2^6, 5^7\})$	32760000000000
10	$\mathcal{O}(4; \{2^9, 5^4, 10\})$	20400000000000
10	$\mathcal{O}(4; \{2, 5^9, 10\})$	2097160000000000
10	$\mathcal{O}(4; \{2^{12}, 5, 10^2\})$	120000000000
10	$\mathcal{O}(4; \{2^4, 5^6, 10^2\})$	1310800000000000
10	$\mathcal{O}(4; \{2^7, 5^3, 10^3\})$	82000000000000
10	$\mathcal{O}(4; \{2^{10}, 10^4\})$	520000000000
10	$\mathcal{O}(4; \{2^2, 5^5, 10^4\})$	5242800000000000
10	$\mathcal{O}(4; \{2^5, 5^2, 10^5\})$	3276000000000000
10	$\mathcal{O}(4; \{5^4, 10^6\})$	2097160000000000
10	$\mathcal{O}(4; \{2^3, 5, 10^7\})$	1310800000000000
10	$\mathcal{O}(4; \{2, 10^9\})$	5242800000000000
10	$\mathcal{O}(3; \{2^{18}, 5^2\})$	40000000
10	$\mathcal{O}(3; \{2^{10}, 5^7\})$	327600000000
10	$\mathcal{O}(3; \{2^2, 5^{12}\})$	3355444400000000
10	$\mathcal{O}(3; \{2^{13}, 5^4, 10\})$	2040000000
10	$\mathcal{O}(3; \{2^5, 5^9, 10\})$	2097160000000000
10	$\mathcal{O}(3; \{2^{16}, 5, 10^2\})$	1200000000
10	$\mathcal{O}(3; \{2^8, 5^6, 10^2\})$	13108000000000
10	$\mathcal{O}(3; \{5^{11}, 10^2\})$	1342177200000000
10	$\mathcal{O}(3; \{2^{11}, 5^3, 10^3\})$	8200000000
10	$\mathcal{O}(3; \{2^3, 5^8, 10^3\})$	83886000000000
10	$\mathcal{O}(3; \{2^{14}, 10^4\})$	5200000000
10	$\mathcal{O}(3; \{2^6, 5^5, 10^4\})$	52428000000000
10	$\mathcal{O}(3; \{2^9, 5^2, 10^5\})$	32760000000000
10	$\mathcal{O}(3; \{2, 5^7, 10^5\})$	3355444400000000
10	$\mathcal{O}(3; \{2^4, 5^4, 10^6\})$	2097160000000000
10	$\mathcal{O}(3; \{2^7, 5, 10^7\})$	13108000000000
10	$\mathcal{O}(3; \{2^2, 5^3, 10^8\})$	83886000000000
10	$\mathcal{O}(3; \{2^5, 10^9\})$	52428000000000
10	$\mathcal{O}(3; \{5^2, 10^{10}\})$	3355444400000000
10	$\mathcal{O}(2; \{2^{22}, 5^2\})$	40000
10	$\mathcal{O}(2; \{2^{14}, 5^7\})$	32760000

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{2^6, 5^{12}\})$	33554440000
10	$\mathcal{O}(2; \{2^{17}, 5^4, 10\})$	2040000
10	$\mathcal{O}(2; \{2^9, 5^9, 10\})$	2097160000
10	$\mathcal{O}(2; \{2, 5^{14}, 10\})$	2147483640000
10	$\mathcal{O}(2; \{2^{20}, 5, 10^2\})$	120000
10	$\mathcal{O}(2; \{2^{12}, 5^6, 10^2\})$	131080000
10	$\mathcal{O}(2; \{2^4, 5^{11}, 10^2\})$	134217720000
10	$\mathcal{O}(2; \{2^{15}, 5^3, 10^3\})$	8200000
10	$\mathcal{O}(2; \{2^7, 5^8, 10^3\})$	8388600000
10	$\mathcal{O}(2; \{2^{18}, 10^4\})$	520000
10	$\mathcal{O}(2; \{2^{10}, 5^5, 10^4\})$	524280000
10	$\mathcal{O}(2; \{2^2, 5^{10}, 10^4\})$	536870920000
10	$\mathcal{O}(2; \{2^{13}, 5^2, 10^5\})$	32760000
10	$\mathcal{O}(2; \{2^5, 5^7, 10^5\})$	33554440000
10	$\mathcal{O}(2; \{2^8, 5^4, 10^6\})$	2097160000
10	$\mathcal{O}(2; \{5^9, 10^6\})$	2147483640000
10	$\mathcal{O}(2; \{2^{11}, 5, 10^7\})$	131080000
10	$\mathcal{O}(2; \{2^3, 5^6, 10^7\})$	134217720000
10	$\mathcal{O}(2; \{2^6, 5^3, 10^8\})$	8388600000
10	$\mathcal{O}(2; \{2^9, 10^9\})$	524280000
10	$\mathcal{O}(2; \{2, 5^5, 10^9\})$	536870920000
10	$\mathcal{O}(2; \{2^4, 5^2, 10^{10}\})$	33554440000
10	$\mathcal{O}(2; \{2^2, 5, 10^{12}\})$	134217720000
10	$\mathcal{O}(2; \{10^{14}\})$	536870920000
10	$\mathcal{O}(1; \{2^{26}, 5^2\})$	400
10	$\mathcal{O}(1; \{2^{18}, 5^7\})$	327600
10	$\mathcal{O}(1; \{2^{10}, 5^{12}\})$	335544400
10	$\mathcal{O}(1; \{2^2, 5^{17}\})$	343597383600
10	$\mathcal{O}(1; \{2^{21}, 5^4, 10\})$	20400
10	$\mathcal{O}(1; \{2^{13}, 5^9, 10\})$	20971600
10	$\mathcal{O}(1; \{2^5, 5^{14}, 10\})$	21474836400
10	$\mathcal{O}(1; \{2^{24}, 5, 10^2\})$	1200
10	$\mathcal{O}(1; \{2^{16}, 5^6, 10^2\})$	1310800
10	$\mathcal{O}(1; \{2^8, 5^{11}, 10^2\})$	1342177200
10	$\mathcal{O}(1; \{5^{16}, 10^2\})$	1374389534800
10	$\mathcal{O}(1; \{2^{19}, 5^3, 10^3\})$	82000
10	$\mathcal{O}(1; \{2^{11}, 5^8, 10^3\})$	83886000
10	$\mathcal{O}(1; \{2^3, 5^{13}, 10^3\})$	85899346000
10	$\mathcal{O}(1; \{2^{22}, 10^4\})$	5200
10	$\mathcal{O}(1; \{2^{14}, 5^5, 10^4\})$	5242800
10	$\mathcal{O}(1; \{2^6, 5^{10}, 10^4\})$	5368709200
10	$\mathcal{O}(1; \{2^{17}, 5^2, 10^5\})$	327600
10	$\mathcal{O}(1; \{2^9, 5^7, 10^5\})$	335544400

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{2, 5^{12}, 10^5\})$	343597383600
10	$\mathcal{O}(1; \{2^{12}, 5^4, 10^6\})$	20971600
10	$\mathcal{O}(1; \{2^4, 5^9, 10^6\})$	21474836400
10	$\mathcal{O}(1; \{2^{15}, 5, 10^7\})$	1310800
10	$\mathcal{O}(1; \{2^7, 5^6, 10^7\})$	1342177200
10	$\mathcal{O}(1; \{2^{10}, 5^3, 10^8\})$	83886000
10	$\mathcal{O}(1; \{2^2, 5^8, 10^8\})$	85899346000
10	$\mathcal{O}(1; \{2^{13}, 10^9\})$	5242800
10	$\mathcal{O}(1; \{2^5, 5^5, 10^9\})$	5368709200
10	$\mathcal{O}(1; \{2^8, 5^2, 10^{10}\})$	335544400
10	$\mathcal{O}(1; \{5^7, 10^{10}\})$	343597383600
10	$\mathcal{O}(1; \{2^3, 5^4, 10^{11}\})$	21474836400
10	$\mathcal{O}(1; \{2^6, 5, 10^{12}\})$	1342177200
10	$\mathcal{O}(1; \{2, 5^3, 10^{13}\})$	85899346000
10	$\mathcal{O}(1; \{2^4, 10^{14}\})$	5368709200
10	$\mathcal{O}(0; \{2^{30}, 5^2\})$	4
10	$\mathcal{O}(0; \{2^{22}, 5^7\})$	3276
10	$\mathcal{O}(0; \{2^{14}, 5^{12}\})$	3355444
10	$\mathcal{O}(0; \{2^6, 5^{17}\})$	3435973836
10	$\mathcal{O}(0; \{2^{25}, 5^4, 10\})$	204
10	$\mathcal{O}(0; \{2^{17}, 5^9, 10\})$	209716
10	$\mathcal{O}(0; \{2^9, 5^{14}, 10\})$	214748364
10	$\mathcal{O}(0; \{2, 5^{19}, 10\})$	219902325556
10	$\mathcal{O}(0; \{2^{28}, 5, 10^2\})$	12
10	$\mathcal{O}(0; \{2^{20}, 5^6, 10^2\})$	13108
10	$\mathcal{O}(0; \{2^{12}, 5^{11}, 10^2\})$	13421772
10	$\mathcal{O}(0; \{2^4, 5^{16}, 10^2\})$	13743895348
10	$\mathcal{O}(0; \{2^{23}, 5^3, 10^3\})$	820
10	$\mathcal{O}(0; \{2^{15}, 5^8, 10^3\})$	838860
10	$\mathcal{O}(0; \{2^7, 5^{13}, 10^3\})$	858993460
10	$\mathcal{O}(0; \{2^{26}, 10^4\})$	52
10	$\mathcal{O}(0; \{2^{18}, 5^5, 10^4\})$	52428
10	$\mathcal{O}(0; \{2^{10}, 5^{10}, 10^4\})$	53687092
10	$\mathcal{O}(0; \{2^2, 5^{15}, 10^4\})$	54975581388
10	$\mathcal{O}(0; \{2^{21}, 5^2, 10^5\})$	3276
10	$\mathcal{O}(0; \{2^{13}, 5^7, 10^5\})$	3355444
10	$\mathcal{O}(0; \{2^5, 5^{12}, 10^5\})$	3435973836
10	$\mathcal{O}(0; \{2^{16}, 5^4, 10^6\})$	209716
10	$\mathcal{O}(0; \{2^8, 5^9, 10^6\})$	214748364
10	$\mathcal{O}(0; \{5^{14}, 10^6\})$	219902325556
10	$\mathcal{O}(0; \{2^{19}, 5, 10^7\})$	13108
10	$\mathcal{O}(0; \{2^{11}, 5^6, 10^7\})$	13421772
10	$\mathcal{O}(0; \{2^3, 5^{11}, 10^7\})$	13743895348

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{2^{14}, 5^3, 10^8\})$	838860
10	$\mathcal{O}(0; \{2^6, 5^8, 10^8\})$	858993460
10	$\mathcal{O}(0; \{2^{17}, 10^9\})$	52428
10	$\mathcal{O}(0; \{2^9, 5^5, 10^9\})$	53687092
10	$\mathcal{O}(0; \{2, 5^{10}, 10^9\})$	54975581388
10	$\mathcal{O}(0; \{2^{12}, 5^2, 10^{10}\})$	3355444
10	$\mathcal{O}(0; \{2^4, 5^7, 10^{10}\})$	3435973836
10	$\mathcal{O}(0; \{2^7, 5^4, 10^{11}\})$	214748364
10	$\mathcal{O}(0; \{2^{10}, 5, 10^{12}\})$	13421772
10	$\mathcal{O}(0; \{2^2, 5^6, 10^{12}\})$	13743895348
10	$\mathcal{O}(0; \{2^5, 5^3, 10^{13}\})$	858993460
10	$\mathcal{O}(0; \{2^8, 10^{14}\})$	53687092
10	$\mathcal{O}(0; \{5^5, 10^{14}\})$	54975581388
10	$\mathcal{O}(0; \{2^3, 5^2, 10^{15}\})$	3435973836
10	$\mathcal{O}(0; \{2, 5, 10^{17}\})$	13743895348
11	$\mathcal{O}(4; \{11^8\})$	1948717294871710
12	$\mathcal{O}(5; \{3^4, 4^2\})$	743008370688
12	$\mathcal{O}(5; \{2, 3^2, 4^2, 6\})$	247669456896
12	$\mathcal{O}(5; \{2^2, 4^2, 6^2\})$	247669456896
12	$\mathcal{O}(5; \{2, 3^3, 4, 12\})$	743008370688
12	$\mathcal{O}(5; \{2^2, 3, 4, 6, 12\})$	247669456896
12	$\mathcal{O}(5; \{4, 6^3, 12\})$	743008370688
12	$\mathcal{O}(5; \{2^2, 3^2, 12^2\})$	743008370688
12	$\mathcal{O}(5; \{2^3, 6, 12^2\})$	247669456896
12	$\mathcal{O}(5; \{4^2, 6, 12^2\})$	990677827584
12	$\mathcal{O}(5; \{3, 6^2, 12^2\})$	1238347284480
12	$\mathcal{O}(5; \{3, 4, 12^3\})$	2972033482752
12	$\mathcal{O}(5; \{2, 12^4\})$	2972033482752
12	$\mathcal{O}(4; \{2^4, 3^4, 4^2\})$	5159780352
12	$\mathcal{O}(4; \{3^7, 4^2\})$	36118462464
12	$\mathcal{O}(4; \{2, 3^4, 4^4\})$	20639121408
12	$\mathcal{O}(4; \{2^5, 3^2, 4^2, 6\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^5, 4^2, 6\})$	18919194624
12	$\mathcal{O}(4; \{2^2, 3^2, 4^4, 6\})$	6879707136
12	$\mathcal{O}(4; \{2^6, 4^2, 6^2\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3^3, 4^2, 6^2\})$	8599633920
12	$\mathcal{O}(4; \{2^3, 4^4, 6^2\})$	6879707136
12	$\mathcal{O}(4; \{4^6, 6^2\})$	27518828544
12	$\mathcal{O}(4; \{2^3, 3, 4^2, 6^3\})$	5159780352
12	$\mathcal{O}(4; \{3, 4^4, 6^3\})$	20639121408
12	$\mathcal{O}(4; \{3^2, 4^2, 6^4\})$	18919194624
12	$\mathcal{O}(4; \{2, 4^2, 6^5\})$	8599633920
12	$\mathcal{O}(4; \{2^5, 3^3, 4, 12\})$	5159780352

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{2, 3^6, 4, 12\})$	36118462464
12	$\mathcal{O}(4; \{2^2, 3^3, 4^3, 12\})$	20639121408
12	$\mathcal{O}(4; \{2^6, 3, 4, 6, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3^4, 4, 6, 12\})$	18919194624
12	$\mathcal{O}(4; \{2^3, 3, 4^3, 6, 12\})$	6879707136
12	$\mathcal{O}(4; \{3, 4^5, 6, 12\})$	27518828544
12	$\mathcal{O}(4; \{2^3, 3^2, 4, 6^2, 12\})$	8599633920
12	$\mathcal{O}(4; \{3^2, 4^3, 6^2, 12\})$	34398535680
12	$\mathcal{O}(4; \{2^4, 4, 6^3, 12\})$	5159780352
12	$\mathcal{O}(4; \{3^3, 4, 6^3, 12\})$	36118462464
12	$\mathcal{O}(4; \{2, 4^3, 6^3, 12\})$	20639121408
12	$\mathcal{O}(4; \{2, 3, 4, 6^4, 12\})$	18919194624
12	$\mathcal{O}(4; \{2^6, 3^2, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{2^2, 3^5, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{2^3, 3^2, 4^2, 12^2\})$	20639121408
12	$\mathcal{O}(4; \{3^2, 4^4, 12^2\})$	82556485632
12	$\mathcal{O}(4; \{2^7, 6, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{2^3, 3^3, 6, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2^4, 4^2, 6, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{3^3, 4^2, 6, 12^2\})$	75676778496
12	$\mathcal{O}(4; \{2, 4^4, 6, 12^2\})$	27518828544
12	$\mathcal{O}(4; \{2^4, 3, 6^2, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{3^4, 6^2, 12^2\})$	73956851712
12	$\mathcal{O}(4; \{2, 3, 4^2, 6^2, 12^2\})$	34398535680
12	$\mathcal{O}(4; \{2, 3^2, 6^3, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{2^2, 6^4, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2^4, 3, 4, 12^3\})$	20639121408
12	$\mathcal{O}(4; \{3^4, 4, 12^3\})$	144473849856
12	$\mathcal{O}(4; \{2, 3, 4^3, 12^3\})$	82556485632
12	$\mathcal{O}(4; \{2, 3^2, 4, 6, 12^3\})$	75676778496
12	$\mathcal{O}(4; \{2^2, 4, 6^2, 12^3\})$	34398535680
12	$\mathcal{O}(4; \{2^5, 12^4\})$	20639121408
12	$\mathcal{O}(4; \{2, 3^3, 12^4\})$	144473849856
12	$\mathcal{O}(4; \{2^2, 4^2, 12^4\})$	82556485632
12	$\mathcal{O}(4; \{2^2, 3, 6, 12^4\})$	75676778496
12	$\mathcal{O}(4; \{6^3, 12^4\})$	144473849856
12	$\mathcal{O}(4; \{4, 6, 12^5\})$	302707113984
12	$\mathcal{O}(4; \{3, 12^6\})$	577895399424
12	$\mathcal{O}(3; \{2^8, 3^4, 4^2\})$	35831808
12	$\mathcal{O}(3; \{2^4, 3^7, 4^2\})$	250822656
12	$\mathcal{O}(3; \{3^{10}, 4^2\})$	2042413056
12	$\mathcal{O}(3; \{2^5, 3^4, 4^4\})$	143327232
12	$\mathcal{O}(3; \{2, 3^7, 4^4\})$	1003290624

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^2, 3^4, 4^6\})$	573308928
12	$\mathcal{O}(3; \{2^9, 3^2, 4^2, 6\})$	11943936
12	$\mathcal{O}(3; \{2^5, 3^5, 4^2, 6\})$	131383296
12	$\mathcal{O}(3; \{2, 3^8, 4^2, 6\})$	1015234560
12	$\mathcal{O}(3; \{2^6, 3^2, 4^4, 6\})$	47775744
12	$\mathcal{O}(3; \{2^2, 3^5, 4^4, 6\})$	525533184
12	$\mathcal{O}(3; \{2^3, 3^2, 4^6, 6\})$	191102976
12	$\mathcal{O}(3; \{3^2, 4^8, 6\})$	764411904
12	$\mathcal{O}(3; \{2^{10}, 4^2, 6^2\})$	11943936
12	$\mathcal{O}(3; \{2^6, 3^3, 4^2, 6^2\})$	59719680
12	$\mathcal{O}(3; \{2^2, 3^6, 4^2, 6^2\})$	513589248
12	$\mathcal{O}(3; \{2^7, 4^4, 6^2\})$	47775744
12	$\mathcal{O}(3; \{2^3, 3^3, 4^4, 6^2\})$	238878720
12	$\mathcal{O}(3; \{2^4, 4^6, 6^2\})$	191102976
12	$\mathcal{O}(3; \{3^3, 4^6, 6^2\})$	955514880
12	$\mathcal{O}(3; \{2, 4^8, 6^2\})$	764411904
12	$\mathcal{O}(3; \{2^7, 3, 4^2, 6^3\})$	35831808
12	$\mathcal{O}(3; \{2^3, 3^4, 4^2, 6^3\})$	250822656
12	$\mathcal{O}(3; \{2^4, 3, 4^4, 6^3\})$	143327232
12	$\mathcal{O}(3; \{3^4, 4^4, 6^3\})$	1003290624
12	$\mathcal{O}(3; \{2, 3, 4^6, 6^3\})$	573308928
12	$\mathcal{O}(3; \{2^4, 3^2, 4^2, 6^4\})$	131383296
12	$\mathcal{O}(3; \{3^5, 4^2, 6^4\})$	1015234560
12	$\mathcal{O}(3; \{2, 3^2, 4^4, 6^4\})$	525533184
12	$\mathcal{O}(3; \{2^5, 4^2, 6^5\})$	59719680
12	$\mathcal{O}(3; \{2, 3^3, 4^2, 6^5\})$	513589248
12	$\mathcal{O}(3; \{2^2, 4^4, 6^5\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3, 4^2, 6^6\})$	250822656
12	$\mathcal{O}(3; \{4^2, 6^8\})$	513589248
12	$\mathcal{O}(3; \{2^9, 3^3, 4, 12\})$	35831808
12	$\mathcal{O}(3; \{2^5, 3^6, 4, 12\})$	250822656
12	$\mathcal{O}(3; \{2, 3^9, 4, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^6, 3^3, 4^3, 12\})$	143327232
12	$\mathcal{O}(3; \{2^2, 3^6, 4^3, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 3^3, 4^5, 12\})$	573308928
12	$\mathcal{O}(3; \{3^3, 4^7, 12\})$	2293235712
12	$\mathcal{O}(3; \{2^{10}, 3, 4, 6, 12\})$	11943936
12	$\mathcal{O}(3; \{2^6, 3^4, 4, 6, 12\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^7, 4, 6, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^7, 3, 4^3, 6, 12\})$	47775744
12	$\mathcal{O}(3; \{2^3, 3^4, 4^3, 6, 12\})$	525533184
12	$\mathcal{O}(3; \{2^4, 3, 4^5, 6, 12\})$	191102976
12	$\mathcal{O}(3; \{3^4, 4^5, 6, 12\})$	2102132736

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2, 3, 4^7, 6, 12\})$	764411904
12	$\mathcal{O}(3; \{2^7, 3^2, 4, 6^2, 12\})$	59719680
12	$\mathcal{O}(3; \{2^3, 3^5, 4, 6^2, 12\})$	513589248
12	$\mathcal{O}(3; \{2^4, 3^2, 4^3, 6^2, 12\})$	238878720
12	$\mathcal{O}(3; \{3^5, 4^3, 6^2, 12\})$	2054356992
12	$\mathcal{O}(3; \{2, 3^2, 4^5, 6^2, 12\})$	955514880
12	$\mathcal{O}(3; \{2^8, 4, 6^3, 12\})$	35831808
12	$\mathcal{O}(3; \{2^4, 3^3, 4, 6^3, 12\})$	250822656
12	$\mathcal{O}(3; \{3^6, 4, 6^3, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^5, 4^3, 6^3, 12\})$	143327232
12	$\mathcal{O}(3; \{2, 3^3, 4^3, 6^3, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 4^5, 6^3, 12\})$	573308928
12	$\mathcal{O}(3; \{2^5, 3, 4, 6^4, 12\})$	131383296
12	$\mathcal{O}(3; \{2, 3^4, 4, 6^4, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^2, 3, 4^3, 6^4, 12\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3^2, 4, 6^5, 12\})$	513589248
12	$\mathcal{O}(3; \{2^3, 4, 6^6, 12\})$	250822656
12	$\mathcal{O}(3; \{4^3, 6^6, 12\})$	1003290624
12	$\mathcal{O}(3; \{3, 4, 6^7, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^{10}, 3^2, 12^2\})$	35831808
12	$\mathcal{O}(3; \{2^6, 3^5, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2^2, 3^8, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2^7, 3^2, 4^2, 12^2\})$	143327232
12	$\mathcal{O}(3; \{2^3, 3^5, 4^2, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2^4, 3^2, 4^4, 12^2\})$	573308928
12	$\mathcal{O}(3; \{3^5, 4^4, 12^2\})$	4013162496
12	$\mathcal{O}(3; \{2, 3^2, 4^6, 12^2\})$	2293235712
12	$\mathcal{O}(3; \{2^{11}, 6, 12^2\})$	11943936
12	$\mathcal{O}(3; \{2^7, 3^3, 6, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2^3, 3^6, 6, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^8, 4^2, 6, 12^2\})$	47775744
12	$\mathcal{O}(3; \{2^4, 3^3, 4^2, 6, 12^2\})$	525533184
12	$\mathcal{O}(3; \{3^6, 4^2, 6, 12^2\})$	4060938240
12	$\mathcal{O}(3; \{2^5, 4^4, 6, 12^2\})$	191102976
12	$\mathcal{O}(3; \{2, 3^3, 4^4, 6, 12^2\})$	2102132736
12	$\mathcal{O}(3; \{2^2, 4^6, 6, 12^2\})$	764411904
12	$\mathcal{O}(3; \{2^8, 3, 6^2, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^4, 3^4, 6^2, 12^2\})$	513589248
12	$\mathcal{O}(3; \{3^7, 6^2, 12^2\})$	4072882176
12	$\mathcal{O}(3; \{2^5, 3, 4^2, 6^2, 12^2\})$	238878720
12	$\mathcal{O}(3; \{2, 3^4, 4^2, 6^2, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{2^2, 3, 4^4, 6^2, 12^2\})$	955514880
12	$\mathcal{O}(3; \{2^5, 3^2, 6^3, 12^2\})$	250822656

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2, 3^5, 6^3, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2^2, 3^2, 4^2, 6^3, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2^6, 6^4, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^3, 6^4, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^3, 4^2, 6^4, 12^2\})$	525533184
12	$\mathcal{O}(3; \{4^4, 6^4, 12^2\})$	2102132736
12	$\mathcal{O}(3; \{2^3, 3, 6^5, 12^2\})$	513589248
12	$\mathcal{O}(3; \{3, 4^2, 6^5, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{3^2, 6^6, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2, 6^7, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^8, 3, 4, 12^3\})$	143327232
12	$\mathcal{O}(3; \{2^4, 3^4, 4, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{3^7, 4, 12^3\})$	8169652224
12	$\mathcal{O}(3; \{2^5, 3, 4^3, 12^3\})$	573308928
12	$\mathcal{O}(3; \{2, 3^4, 4^3, 12^3\})$	4013162496
12	$\mathcal{O}(3; \{2^2, 3, 4^5, 12^3\})$	2293235712
12	$\mathcal{O}(3; \{2^5, 3^2, 4, 6, 12^3\})$	525533184
12	$\mathcal{O}(3; \{2, 3^5, 4, 6, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2^2, 3^2, 4^3, 6, 12^3\})$	2102132736
12	$\mathcal{O}(3; \{2^6, 4, 6^2, 12^3\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3^3, 4, 6^2, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2^3, 4^3, 6^2, 12^3\})$	955514880
12	$\mathcal{O}(3; \{4^5, 6^2, 12^3\})$	3822059520
12	$\mathcal{O}(3; \{2^3, 3, 4, 6^3, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{3, 4^3, 6^3, 12^3\})$	4013162496
12	$\mathcal{O}(3; \{3^2, 4, 6^4, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2, 4, 6^5, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2^9, 12^4\})$	143327232
12	$\mathcal{O}(3; \{2^5, 3^3, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^6, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2^6, 4^2, 12^4\})$	573308928
12	$\mathcal{O}(3; \{2^2, 3^3, 4^2, 12^4\})$	4013162496
12	$\mathcal{O}(3; \{2^3, 4^4, 12^4\})$	2293235712
12	$\mathcal{O}(3; \{4^6, 12^4\})$	9172942848
12	$\mathcal{O}(3; \{2^6, 3, 6, 12^4\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3^4, 6, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2^3, 3, 4^2, 6, 12^4\})$	2102132736
12	$\mathcal{O}(3; \{3, 4^4, 6, 12^4\})$	8408530944
12	$\mathcal{O}(3; \{2^3, 3^2, 6^2, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{3^2, 4^2, 6^2, 12^4\})$	8217427968
12	$\mathcal{O}(3; \{2^4, 6^3, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{3^3, 6^3, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2, 4^2, 6^3, 12^4\})$	4013162496

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2, 3, 6^4, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2^3, 3^2, 4, 12^5\})$	4013162496
12	$\mathcal{O}(3; \{3^2, 4^3, 12^5\})$	16052649984
12	$\mathcal{O}(3; \{2^4, 4, 6, 12^5\})$	2102132736
12	$\mathcal{O}(3; \{3^3, 4, 6, 12^5\})$	16243752960
12	$\mathcal{O}(3; \{2, 4^3, 6, 12^5\})$	8408530944
12	$\mathcal{O}(3; \{2, 3, 4, 6^2, 12^5\})$	8217427968
12	$\mathcal{O}(3; \{2^4, 3, 12^6\})$	4013162496
12	$\mathcal{O}(3; \{3^4, 12^6\})$	32678608896
12	$\mathcal{O}(3; \{2, 3, 4^2, 12^6\})$	16052649984
12	$\mathcal{O}(3; \{2, 3^2, 6, 12^6\})$	16243752960
12	$\mathcal{O}(3; \{2^2, 6^2, 12^6\})$	8217427968
12	$\mathcal{O}(3; \{2^2, 4, 12^7\})$	16052649984
12	$\mathcal{O}(3; \{6, 12^8\})$	64975011840
12	$\mathcal{O}(2; \{2^{12}, 3^4, 4^2\})$	248832
12	$\mathcal{O}(2; \{2^8, 3^7, 4^2\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^{10}, 4^2\})$	14183424
12	$\mathcal{O}(2; \{3^{13}, 4^2\})$	113218560
12	$\mathcal{O}(2; \{2^9, 3^4, 4^4\})$	995328
12	$\mathcal{O}(2; \{2^5, 3^7, 4^4\})$	6967296
12	$\mathcal{O}(2; \{2, 3^{10}, 4^4\})$	56733696
12	$\mathcal{O}(2; \{2^6, 3^4, 4^6\})$	3981312
12	$\mathcal{O}(2; \{2^2, 3^7, 4^6\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^4, 4^8\})$	15925248
12	$\mathcal{O}(2; \{3^4, 4^{10}\})$	63700992
12	$\mathcal{O}(2; \{2^{13}, 3^2, 4^2, 6\})$	82944
12	$\mathcal{O}(2; \{2^9, 3^5, 4^2, 6\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^8, 4^2, 6\})$	7050240
12	$\mathcal{O}(2; \{2, 3^{11}, 4^2, 6\})$	56650752
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4^4, 6\})$	331776
12	$\mathcal{O}(2; \{2^6, 3^5, 4^4, 6\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^8, 4^4, 6\})$	28200960
12	$\mathcal{O}(2; \{2^7, 3^2, 4^6, 6\})$	1327104
12	$\mathcal{O}(2; \{2^3, 3^5, 4^6, 6\})$	14598144
12	$\mathcal{O}(2; \{2^4, 3^2, 4^8, 6\})$	5308416
12	$\mathcal{O}(2; \{3^5, 4^8, 6\})$	58392576
12	$\mathcal{O}(2; \{2, 3^2, 4^{10}, 6\})$	21233664
12	$\mathcal{O}(2; \{2^{14}, 4^2, 6^2\})$	82944
12	$\mathcal{O}(2; \{2^{10}, 3^3, 4^2, 6^2\})$	414720
12	$\mathcal{O}(2; \{2^6, 3^6, 4^2, 6^2\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^9, 4^2, 6^2\})$	28283904
12	$\mathcal{O}(2; \{2^{11}, 4^4, 6^2\})$	331776
12	$\mathcal{O}(2; \{2^7, 3^3, 4^4, 6^2\})$	1658880

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^3, 3^6, 4^4, 6^2\})$	14266368
12	$\mathcal{O}(2; \{2^8, 4^6, 6^2\})$	1327104
12	$\mathcal{O}(2; \{2^4, 3^3, 4^6, 6^2\})$	6635520
12	$\mathcal{O}(2; \{3^6, 4^6, 6^2\})$	57065472
12	$\mathcal{O}(2; \{2^5, 4^8, 6^2\})$	5308416
12	$\mathcal{O}(2; \{2, 3^3, 4^8, 6^2\})$	26542080
12	$\mathcal{O}(2; \{2^2, 4^{10}, 6^2\})$	21233664
12	$\mathcal{O}(2; \{2^{11}, 3, 4^2, 6^3\})$	248832
12	$\mathcal{O}(2; \{2^7, 3^4, 4^2, 6^3\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^7, 4^2, 6^3\})$	14183424
12	$\mathcal{O}(2; \{2^8, 3, 4^4, 6^3\})$	995328
12	$\mathcal{O}(2; \{2^4, 3^4, 4^4, 6^3\})$	6967296
12	$\mathcal{O}(2; \{3^7, 4^4, 6^3\})$	56733696
12	$\mathcal{O}(2; \{2^5, 3, 4^6, 6^3\})$	3981312
12	$\mathcal{O}(2; \{2, 3^4, 4^6, 6^3\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3, 4^8, 6^3\})$	15925248
12	$\mathcal{O}(2; \{2^8, 3^2, 4^2, 6^4\})$	912384
12	$\mathcal{O}(2; \{2^4, 3^5, 4^2, 6^4\})$	7050240
12	$\mathcal{O}(2; \{3^8, 4^2, 6^4\})$	56650752
12	$\mathcal{O}(2; \{2^5, 3^2, 4^4, 6^4\})$	3649536
12	$\mathcal{O}(2; \{2, 3^5, 4^4, 6^4\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^2, 4^6, 6^4\})$	14598144
12	$\mathcal{O}(2; \{2^9, 4^2, 6^5\})$	414720
12	$\mathcal{O}(2; \{2^5, 3^3, 4^2, 6^5\})$	3566592
12	$\mathcal{O}(2; \{2, 3^6, 4^2, 6^5\})$	28283904
12	$\mathcal{O}(2; \{2^6, 4^4, 6^5\})$	1658880
12	$\mathcal{O}(2; \{2^2, 3^3, 4^4, 6^5\})$	14266368
12	$\mathcal{O}(2; \{2^3, 4^6, 6^5\})$	6635520
12	$\mathcal{O}(2; \{4^8, 6^5\})$	26542080
12	$\mathcal{O}(2; \{2^6, 3, 4^2, 6^6\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^4, 4^2, 6^6\})$	14183424
12	$\mathcal{O}(2; \{2^3, 3, 4^4, 6^6\})$	6967296
12	$\mathcal{O}(2; \{3, 4^6, 6^6\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^2, 4^2, 6^7\})$	7050240
12	$\mathcal{O}(2; \{3^2, 4^4, 6^7\})$	28200960
12	$\mathcal{O}(2; \{2^4, 4^2, 6^8\})$	3566592
12	$\mathcal{O}(2; \{3^3, 4^2, 6^8\})$	28283904
12	$\mathcal{O}(2; \{2, 4^4, 6^8\})$	14266368
12	$\mathcal{O}(2; \{2, 3, 4^2, 6^9\})$	14183424
12	$\mathcal{O}(2; \{2^{13}, 3^3, 4, 12\})$	248832
12	$\mathcal{O}(2; \{2^9, 3^6, 4, 12\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^9, 4, 12\})$	14183424
12	$\mathcal{O}(2; \{2, 3^{12}, 4, 12\})$	113218560

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^{10}, 3^3, 4^3, 12\})$	995328
12	$\mathcal{O}(2; \{2^6, 3^6, 4^3, 12\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^9, 4^3, 12\})$	56733696
12	$\mathcal{O}(2; \{2^7, 3^3, 4^5, 12\})$	3981312
12	$\mathcal{O}(2; \{2^3, 3^6, 4^5, 12\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3^3, 4^7, 12\})$	15925248
12	$\mathcal{O}(2; \{3^6, 4^7, 12\})$	111476736
12	$\mathcal{O}(2; \{2, 3^3, 4^9, 12\})$	63700992
12	$\mathcal{O}(2; \{2^{14}, 3, 4, 6, 12\})$	82944
12	$\mathcal{O}(2; \{2^{10}, 3^4, 4, 6, 12\})$	912384
12	$\mathcal{O}(2; \{2^6, 3^7, 4, 6, 12\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^{10}, 4, 6, 12\})$	56650752
12	$\mathcal{O}(2; \{2^{11}, 3, 4^3, 6, 12\})$	331776
12	$\mathcal{O}(2; \{2^7, 3^4, 4^3, 6, 12\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^7, 4^3, 6, 12\})$	28200960
12	$\mathcal{O}(2; \{2^8, 3, 4^5, 6, 12\})$	1327104
12	$\mathcal{O}(2; \{2^4, 3^4, 4^5, 6, 12\})$	14598144
12	$\mathcal{O}(2; \{3^7, 4^5, 6, 12\})$	112803840
12	$\mathcal{O}(2; \{2^5, 3, 4^7, 6, 12\})$	5308416
12	$\mathcal{O}(2; \{2, 3^4, 4^7, 6, 12\})$	58392576
12	$\mathcal{O}(2; \{2^2, 3, 4^9, 6, 12\})$	21233664
12	$\mathcal{O}(2; \{2^{11}, 3^2, 4, 6^2, 12\})$	414720
12	$\mathcal{O}(2; \{2^7, 3^5, 4, 6^2, 12\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^8, 4, 6^2, 12\})$	28283904
12	$\mathcal{O}(2; \{2^8, 3^2, 4^3, 6^2, 12\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3^5, 4^3, 6^2, 12\})$	14266368
12	$\mathcal{O}(2; \{3^8, 4^3, 6^2, 12\})$	113135616
12	$\mathcal{O}(2; \{2^5, 3^2, 4^5, 6^2, 12\})$	6635520
12	$\mathcal{O}(2; \{2, 3^5, 4^5, 6^2, 12\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3^2, 4^7, 6^2, 12\})$	26542080
12	$\mathcal{O}(2; \{2^{12}, 4, 6^3, 12\})$	248832
12	$\mathcal{O}(2; \{2^8, 3^3, 4, 6^3, 12\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^6, 4, 6^3, 12\})$	14183424
12	$\mathcal{O}(2; \{3^9, 4, 6^3, 12\})$	113218560
12	$\mathcal{O}(2; \{2^9, 4^3, 6^3, 12\})$	995328
12	$\mathcal{O}(2; \{2^5, 3^3, 4^3, 6^3, 12\})$	6967296
12	$\mathcal{O}(2; \{2, 3^6, 4^3, 6^3, 12\})$	56733696
12	$\mathcal{O}(2; \{2^6, 4^5, 6^3, 12\})$	3981312
12	$\mathcal{O}(2; \{2^2, 3^3, 4^5, 6^3, 12\})$	27869184
12	$\mathcal{O}(2; \{2^3, 4^7, 6^3, 12\})$	15925248
12	$\mathcal{O}(2; \{4^9, 6^3, 12\})$	63700992
12	$\mathcal{O}(2; \{2^9, 3, 4, 6^4, 12\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^4, 4, 6^4, 12\})$	7050240

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2, 3^7, 4, 6^4, 12\})$	56650752
12	$\mathcal{O}(2; \{2^6, 3, 4^3, 6^4, 12\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^4, 4^3, 6^4, 12\})$	28200960
12	$\mathcal{O}(2; \{2^3, 3, 4^5, 6^4, 12\})$	14598144
12	$\mathcal{O}(2; \{3, 4^7, 6^4, 12\})$	58392576
12	$\mathcal{O}(2; \{2^6, 3^2, 4, 6^5, 12\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^5, 4, 6^5, 12\})$	28283904
12	$\mathcal{O}(2; \{2^3, 3^2, 4^3, 6^5, 12\})$	14266368
12	$\mathcal{O}(2; \{3^2, 4^5, 6^5, 12\})$	57065472
12	$\mathcal{O}(2; \{2^7, 4, 6^6, 12\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^3, 4, 6^6, 12\})$	14183424
12	$\mathcal{O}(2; \{2^4, 4^3, 6^6, 12\})$	6967296
12	$\mathcal{O}(2; \{3^3, 4^3, 6^6, 12\})$	56733696
12	$\mathcal{O}(2; \{2, 4^5, 6^6, 12\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3, 4, 6^7, 12\})$	7050240
12	$\mathcal{O}(2; \{3^4, 4, 6^7, 12\})$	56650752
12	$\mathcal{O}(2; \{2, 3, 4^3, 6^7, 12\})$	28200960
12	$\mathcal{O}(2; \{2, 3^2, 4, 6^8, 12\})$	28283904
12	$\mathcal{O}(2; \{2^2, 4, 6^9, 12\})$	14183424
12	$\mathcal{O}(2; \{2^{14}, 3^2, 12^2\})$	248832
12	$\mathcal{O}(2; \{2^{10}, 3^5, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^6, 3^8, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3^{11}, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^{11}, 3^2, 4^2, 12^2\})$	995328
12	$\mathcal{O}(2; \{2^7, 3^5, 4^2, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^8, 4^2, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^8, 3^2, 4^4, 12^2\})$	3981312
12	$\mathcal{O}(2; \{2^4, 3^5, 4^4, 12^2\})$	27869184
12	$\mathcal{O}(2; \{3^8, 4^4, 12^2\})$	226934784
12	$\mathcal{O}(2; \{2^5, 3^2, 4^6, 12^2\})$	15925248
12	$\mathcal{O}(2; \{2, 3^5, 4^6, 12^2\})$	111476736
12	$\mathcal{O}(2; \{2^2, 3^2, 4^8, 12^2\})$	63700992
12	$\mathcal{O}(2; \{2^{15}, 6, 12^2\})$	82944
12	$\mathcal{O}(2; \{2^{11}, 3^3, 6, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^7, 3^6, 6, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3^9, 6, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^{12}, 4^2, 6, 12^2\})$	331776
12	$\mathcal{O}(2; \{2^8, 3^3, 4^2, 6, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^6, 4^2, 6, 12^2\})$	28200960
12	$\mathcal{O}(2; \{3^9, 4^2, 6, 12^2\})$	226603008
12	$\mathcal{O}(2; \{2^9, 4^4, 6, 12^2\})$	1327104
12	$\mathcal{O}(2; \{2^5, 3^3, 4^4, 6, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2, 3^6, 4^4, 6, 12^2\})$	112803840

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^6, 4^6, 6, 12^2\})$	5308416
12	$\mathcal{O}(2; \{2^2, 3^3, 4^6, 6, 12^2\})$	58392576
12	$\mathcal{O}(2; \{2^3, 4^8, 6, 12^2\})$	21233664
12	$\mathcal{O}(2; \{4^{10}, 6, 12^2\})$	84934656
12	$\mathcal{O}(2; \{2^{12}, 3, 6^2, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^8, 3^4, 6^2, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3^7, 6^2, 12^2\})$	28283904
12	$\mathcal{O}(2; \{3^{10}, 6^2, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2^9, 3, 4^2, 6^2, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^5, 3^4, 4^2, 6^2, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2, 3^7, 4^2, 6^2, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^6, 3, 4^4, 6^2, 12^2\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^4, 4^4, 6^2, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^3, 3, 4^6, 6^2, 12^2\})$	26542080
12	$\mathcal{O}(2; \{3, 4^8, 6^2, 12^2\})$	106168320
12	$\mathcal{O}(2; \{2^9, 3^2, 6^3, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^5, 6^3, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2, 3^8, 6^3, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^6, 3^2, 4^2, 6^3, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^5, 4^2, 6^3, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^3, 3^2, 4^4, 6^3, 12^2\})$	27869184
12	$\mathcal{O}(2; \{3^2, 4^6, 6^3, 12^2\})$	111476736
12	$\mathcal{O}(2; \{2^{10}, 6^4, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^6, 3^3, 6^4, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^6, 6^4, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^7, 4^2, 6^4, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^3, 4^2, 6^4, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^4, 4^4, 6^4, 12^2\})$	14598144
12	$\mathcal{O}(2; \{3^3, 4^4, 6^4, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2, 4^6, 6^4, 12^2\})$	58392576
12	$\mathcal{O}(2; \{2^7, 3, 6^5, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^4, 6^5, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^4, 3, 4^2, 6^5, 12^2\})$	14266368
12	$\mathcal{O}(2; \{3^4, 4^2, 6^5, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2, 3, 4^4, 6^5, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^4, 3^2, 6^6, 12^2\})$	14183424
12	$\mathcal{O}(2; \{3^5, 6^6, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2, 3^2, 4^2, 6^6, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^5, 6^7, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2, 3^3, 6^7, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^2, 4^2, 6^7, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3, 6^8, 12^2\})$	28283904
12	$\mathcal{O}(2; \{6^{10}, 12^2\})$	56650752

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^{12}, 3, 4, 12^3\})$	995328
12	$\mathcal{O}(2; \{2^8, 3^4, 4, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^7, 4, 12^3\})$	56733696
12	$\mathcal{O}(2; \{3^{10}, 4, 12^3\})$	452874240
12	$\mathcal{O}(2; \{2^9, 3, 4^3, 12^3\})$	3981312
12	$\mathcal{O}(2; \{2^5, 3^4, 4^3, 12^3\})$	27869184
12	$\mathcal{O}(2; \{2, 3^7, 4^3, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2^6, 3, 4^5, 12^3\})$	15925248
12	$\mathcal{O}(2; \{2^2, 3^4, 4^5, 12^3\})$	111476736
12	$\mathcal{O}(2; \{2^3, 3, 4^7, 12^3\})$	63700992
12	$\mathcal{O}(2; \{3, 4^9, 12^3\})$	254803968
12	$\mathcal{O}(2; \{2^9, 3^2, 4, 6, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^5, 3^5, 4, 6, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2, 3^8, 4, 6, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^6, 3^2, 4^3, 6, 12^3\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3^5, 4^3, 6, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^3, 3^2, 4^5, 6, 12^3\})$	58392576
12	$\mathcal{O}(2; \{3^2, 4^7, 6, 12^3\})$	233570304
12	$\mathcal{O}(2; \{2^{10}, 4, 6^2, 12^3\})$	1658880
12	$\mathcal{O}(2; \{2^6, 3^3, 4, 6^2, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^6, 4, 6^2, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^7, 4^3, 6^2, 12^3\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3^3, 4^3, 6^2, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2^4, 4^5, 6^2, 12^3\})$	26542080
12	$\mathcal{O}(2; \{3^3, 4^5, 6^2, 12^3\})$	228261888
12	$\mathcal{O}(2; \{2, 4^7, 6^2, 12^3\})$	106168320
12	$\mathcal{O}(2; \{2^7, 3, 4, 6^3, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^4, 4, 6^3, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^4, 3, 4^3, 6^3, 12^3\})$	27869184
12	$\mathcal{O}(2; \{3^4, 4^3, 6^3, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2, 3, 4^5, 6^3, 12^3\})$	111476736
12	$\mathcal{O}(2; \{2^4, 3^2, 4, 6^4, 12^3\})$	28200960
12	$\mathcal{O}(2; \{3^5, 4, 6^4, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2, 3^2, 4^3, 6^4, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^5, 4, 6^5, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2, 3^3, 4, 6^5, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^2, 4^3, 6^5, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3, 4, 6^6, 12^3\})$	56733696
12	$\mathcal{O}(2; \{4, 6^8, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^{13}, 12^4\})$	995328
12	$\mathcal{O}(2; \{2^9, 3^3, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^5, 3^6, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2, 3^9, 12^4\})$	452874240

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^{10}, 4^2, 12^4\})$	3981312
12	$\mathcal{O}(2; \{2^6, 3^3, 4^2, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^6, 4^2, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^7, 4^4, 12^4\})$	15925248
12	$\mathcal{O}(2; \{2^3, 3^3, 4^4, 12^4\})$	111476736
12	$\mathcal{O}(2; \{2^4, 4^6, 12^4\})$	63700992
12	$\mathcal{O}(2; \{3^3, 4^6, 12^4\})$	445906944
12	$\mathcal{O}(2; \{2, 4^8, 12^4\})$	254803968
12	$\mathcal{O}(2; \{2^{10}, 3, 6, 12^4\})$	3649536
12	$\mathcal{O}(2; \{2^6, 3^4, 6, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^7, 6, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^7, 3, 4^2, 6, 12^4\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3^4, 4^2, 6, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2^4, 3, 4^4, 6, 12^4\})$	58392576
12	$\mathcal{O}(2; \{3^4, 4^4, 6, 12^4\})$	451215360
12	$\mathcal{O}(2; \{2, 3, 4^6, 6, 12^4\})$	233570304
12	$\mathcal{O}(2; \{2^7, 3^2, 6^2, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3^5, 6^2, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^4, 3^2, 4^2, 6^2, 12^4\})$	57065472
12	$\mathcal{O}(2; \{3^5, 4^2, 6^2, 12^4\})$	452542464
12	$\mathcal{O}(2; \{2, 3^2, 4^4, 6^2, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2^8, 6^3, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^3, 6^3, 12^4\})$	56733696
12	$\mathcal{O}(2; \{3^6, 6^3, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2^5, 4^2, 6^3, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2, 3^3, 4^2, 6^3, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^2, 4^4, 6^3, 12^4\})$	111476736
12	$\mathcal{O}(2; \{2^5, 3, 6^4, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2, 3^4, 6^4, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^2, 3, 4^2, 6^4, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3^2, 6^5, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^3, 6^6, 12^4\})$	56733696
12	$\mathcal{O}(2; \{4^2, 6^6, 12^4\})$	226934784
12	$\mathcal{O}(2; \{3, 6^7, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^7, 3^2, 4, 12^5\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^5, 4, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2^4, 3^2, 4^3, 12^5\})$	111476736
12	$\mathcal{O}(2; \{3^5, 4^3, 12^5\})$	907739136
12	$\mathcal{O}(2; \{2, 3^2, 4^5, 12^5\})$	445906944
12	$\mathcal{O}(2; \{2^8, 4, 6, 12^5\})$	14598144
12	$\mathcal{O}(2; \{2^4, 3^3, 4, 6, 12^5\})$	112803840
12	$\mathcal{O}(2; \{3^6, 4, 6, 12^5\})$	906412032
12	$\mathcal{O}(2; \{2^5, 4^3, 6, 12^5\})$	58392576

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2, 3^3, 4^3, 6, 12^5\})$	451215360
12	$\mathcal{O}(2; \{2^2, 4^5, 6, 12^5\})$	233570304
12	$\mathcal{O}(2; \{2^5, 3, 4, 6^2, 12^5\})$	57065472
12	$\mathcal{O}(2; \{2, 3^4, 4, 6^2, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^2, 3, 4^3, 6^2, 12^5\})$	228261888
12	$\mathcal{O}(2; \{2^2, 3^2, 4, 6^3, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2^3, 4, 6^4, 12^5\})$	112803840
12	$\mathcal{O}(2; \{4^3, 6^4, 12^5\})$	451215360
12	$\mathcal{O}(2; \{3, 4, 6^5, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^8, 3, 12^6\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3^4, 12^6\})$	226934784
12	$\mathcal{O}(2; \{3^7, 12^6\})$	1811496960
12	$\mathcal{O}(2; \{2^5, 3, 4^2, 12^6\})$	111476736
12	$\mathcal{O}(2; \{2, 3^4, 4^2, 12^6\})$	907739136
12	$\mathcal{O}(2; \{2^2, 3, 4^4, 12^6\})$	445906944
12	$\mathcal{O}(2; \{2^5, 3^2, 6, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2, 3^5, 6, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^2, 3^2, 4^2, 6, 12^6\})$	451215360
12	$\mathcal{O}(2; \{2^6, 6^2, 12^6\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3^3, 6^2, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2^3, 4^2, 6^2, 12^6\})$	228261888
12	$\mathcal{O}(2; \{4^4, 6^2, 12^6\})$	913047552
12	$\mathcal{O}(2; \{2^3, 3, 6^3, 12^6\})$	226934784
12	$\mathcal{O}(2; \{3, 4^2, 6^3, 12^6\})$	907739136
12	$\mathcal{O}(2; \{3^2, 6^4, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2, 6^5, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2^6, 4, 12^7\})$	111476736
12	$\mathcal{O}(2; \{2^2, 3^3, 4, 12^7\})$	907739136
12	$\mathcal{O}(2; \{2^3, 4^3, 12^7\})$	445906944
12	$\mathcal{O}(2; \{4^5, 12^7\})$	1783627776
12	$\mathcal{O}(2; \{2^3, 3, 4, 6, 12^7\})$	451215360
12	$\mathcal{O}(2; \{3, 4^3, 6, 12^7\})$	1804861440
12	$\mathcal{O}(2; \{3^2, 4, 6^2, 12^7\})$	1810169856
12	$\mathcal{O}(2; \{2, 4, 6^3, 12^7\})$	907739136
12	$\mathcal{O}(2; \{2^3, 3^2, 12^8\})$	907739136
12	$\mathcal{O}(2; \{3^2, 4^2, 12^8\})$	3630956544
12	$\mathcal{O}(2; \{2^4, 6, 12^8\})$	451215360
12	$\mathcal{O}(2; \{3^3, 6, 12^8\})$	3625648128
12	$\mathcal{O}(2; \{2, 4^2, 6, 12^8\})$	1804861440
12	$\mathcal{O}(2; \{2, 3, 6^2, 12^8\})$	1810169856
12	$\mathcal{O}(2; \{2, 3, 4, 12^9\})$	3630956544
12	$\mathcal{O}(2; \{2^2, 12^{10}\})$	3630956544
12	$\mathcal{O}(1; \{2^{16}, 3^4, 4^2\})$	1728

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{12}, 3^7, 4^2\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^{10}, 4^2\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^{13}, 4^2\})$	786240
12	$\mathcal{O}(1; \{3^{16}, 4^2\})$	6291648
12	$\mathcal{O}(1; \{2^{13}, 3^4, 4^4\})$	6912
12	$\mathcal{O}(1; \{2^9, 3^7, 4^4\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^{10}, 4^4\})$	393984
12	$\mathcal{O}(1; \{2, 3^{13}, 4^4\})$	3144960
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^6\})$	27648
12	$\mathcal{O}(1; \{2^6, 3^7, 4^6\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^6\})$	1575936
12	$\mathcal{O}(1; \{2^7, 3^4, 4^8\})$	110592
12	$\mathcal{O}(1; \{2^3, 3^7, 4^8\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^4, 4^{10}\})$	442368
12	$\mathcal{O}(1; \{3^7, 4^{10}\})$	3096576
12	$\mathcal{O}(1; \{2, 3^4, 4^{12}\})$	1769472
12	$\mathcal{O}(1; \{2^{17}, 3^2, 4^2, 6\})$	576
12	$\mathcal{O}(1; \{2^{13}, 3^5, 4^2, 6\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^8, 4^2, 6\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^{11}, 4^2, 6\})$	393408
12	$\mathcal{O}(1; \{2, 3^{14}, 4^2, 6\})$	3145536
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4^4, 6\})$	2304
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4^4, 6\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^8, 4^4, 6\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4^4, 6\})$	1573632
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^6, 6\})$	9216
12	$\mathcal{O}(1; \{2^7, 3^5, 4^6, 6\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^8, 4^6, 6\})$	783360
12	$\mathcal{O}(1; \{2^8, 3^2, 4^8, 6\})$	36864
12	$\mathcal{O}(1; \{2^4, 3^5, 4^8, 6\})$	405504
12	$\mathcal{O}(1; \{3^8, 4^8, 6\})$	3133440
12	$\mathcal{O}(1; \{2^5, 3^2, 4^{10}, 6\})$	147456
12	$\mathcal{O}(1; \{2, 3^5, 4^{10}, 6\})$	1622016
12	$\mathcal{O}(1; \{2^2, 3^2, 4^{12}, 6\})$	589824
12	$\mathcal{O}(1; \{2^{18}, 4^2, 6^2\})$	576
12	$\mathcal{O}(1; \{2^{14}, 3^3, 4^2, 6^2\})$	2880
12	$\mathcal{O}(1; \{2^{10}, 3^6, 4^2, 6^2\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^9, 4^2, 6^2\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^{12}, 4^2, 6^2\})$	1573056
12	$\mathcal{O}(1; \{2^{15}, 4^4, 6^2\})$	2304
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^4, 6^2\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^6, 4^4, 6^2\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^9, 4^4, 6^2\})$	785664

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{12}, 4^6, 6^2\})$	9216
12	$\mathcal{O}(1; \{2^8, 3^3, 4^6, 6^2\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^6, 4^6, 6^2\})$	396288
12	$\mathcal{O}(1; \{3^9, 4^6, 6^2\})$	3142656
12	$\mathcal{O}(1; \{2^9, 4^8, 6^2\})$	36864
12	$\mathcal{O}(1; \{2^5, 3^3, 4^8, 6^2\})$	184320
12	$\mathcal{O}(1; \{2, 3^6, 4^8, 6^2\})$	1585152
12	$\mathcal{O}(1; \{2^6, 4^{10}, 6^2\})$	147456
12	$\mathcal{O}(1; \{2^2, 3^3, 4^{10}, 6^2\})$	737280
12	$\mathcal{O}(1; \{2^3, 4^{12}, 6^2\})$	589824
12	$\mathcal{O}(1; \{4^{14}, 6^2\})$	2359296
12	$\mathcal{O}(1; \{2^{15}, 3, 4^2, 6^3\})$	1728
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^2, 6^3\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^7, 4^2, 6^3\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^2, 6^3\})$	786240
12	$\mathcal{O}(1; \{2^{12}, 3, 4^4, 6^3\})$	6912
12	$\mathcal{O}(1; \{2^8, 3^4, 4^4, 6^3\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^7, 4^4, 6^3\})$	393984
12	$\mathcal{O}(1; \{3^{10}, 4^4, 6^3\})$	3144960
12	$\mathcal{O}(1; \{2^9, 3, 4^6, 6^3\})$	27648
12	$\mathcal{O}(1; \{2^5, 3^4, 4^6, 6^3\})$	193536
12	$\mathcal{O}(1; \{2, 3^7, 4^6, 6^3\})$	1575936
12	$\mathcal{O}(1; \{2^6, 3, 4^8, 6^3\})$	110592
12	$\mathcal{O}(1; \{2^2, 3^4, 4^8, 6^3\})$	774144
12	$\mathcal{O}(1; \{2^3, 3, 4^{10}, 6^3\})$	442368
12	$\mathcal{O}(1; \{3, 4^{12}, 6^3\})$	1769472
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^2, 6^4\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^5, 4^2, 6^4\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^8, 4^2, 6^4\})$	393408
12	$\mathcal{O}(1; \{3^{11}, 4^2, 6^4\})$	3145536
12	$\mathcal{O}(1; \{2^9, 3^2, 4^4, 6^4\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^5, 4^4, 6^4\})$	195840
12	$\mathcal{O}(1; \{2, 3^8, 4^4, 6^4\})$	1573632
12	$\mathcal{O}(1; \{2^6, 3^2, 4^6, 6^4\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^5, 4^6, 6^4\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^2, 4^8, 6^4\})$	405504
12	$\mathcal{O}(1; \{3^2, 4^{10}, 6^4\})$	1622016
12	$\mathcal{O}(1; \{2^{13}, 4^2, 6^5\})$	2880
12	$\mathcal{O}(1; \{2^9, 3^3, 4^2, 6^5\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^6, 4^2, 6^5\})$	196416
12	$\mathcal{O}(1; \{2, 3^9, 4^2, 6^5\})$	1573056
12	$\mathcal{O}(1; \{2^{10}, 4^4, 6^5\})$	11520
12	$\mathcal{O}(1; \{2^6, 3^3, 4^4, 6^5\})$	99072

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3^6, 4^4, 6^5\})$	785664
12	$\mathcal{O}(1; \{2^7, 4^6, 6^5\})$	46080
12	$\mathcal{O}(1; \{2^3, 3^3, 4^6, 6^5\})$	396288
12	$\mathcal{O}(1; \{2^4, 4^8, 6^5\})$	184320
12	$\mathcal{O}(1; \{3^3, 4^8, 6^5\})$	1585152
12	$\mathcal{O}(1; \{2, 4^{10}, 6^5\})$	737280
12	$\mathcal{O}(1; \{2^{10}, 3, 4^2, 6^6\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^4, 4^2, 6^6\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^7, 4^2, 6^6\})$	786240
12	$\mathcal{O}(1; \{2^7, 3, 4^4, 6^6\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^4, 4^4, 6^6\})$	393984
12	$\mathcal{O}(1; \{2^4, 3, 4^6, 6^6\})$	193536
12	$\mathcal{O}(1; \{3^4, 4^6, 6^6\})$	1575936
12	$\mathcal{O}(1; \{2, 3, 4^8, 6^6\})$	774144
12	$\mathcal{O}(1; \{2^7, 3^2, 4^2, 6^7\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^5, 4^2, 6^7\})$	393408
12	$\mathcal{O}(1; \{2^4, 3^2, 4^4, 6^7\})$	195840
12	$\mathcal{O}(1; \{3^5, 4^4, 6^7\})$	1573632
12	$\mathcal{O}(1; \{2, 3^2, 4^6, 6^7\})$	783360
12	$\mathcal{O}(1; \{2^8, 4^2, 6^8\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^3, 4^2, 6^8\})$	196416
12	$\mathcal{O}(1; \{3^6, 4^2, 6^8\})$	1573056
12	$\mathcal{O}(1; \{2^5, 4^4, 6^8\})$	99072
12	$\mathcal{O}(1; \{2, 3^3, 4^4, 6^8\})$	785664
12	$\mathcal{O}(1; \{2^2, 4^6, 6^8\})$	396288
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 6^9\})$	98496
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 6^9\})$	786240
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 6^9\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^{10}\})$	393408
12	$\mathcal{O}(1; \{2^3, 4^2, 6^{11}\})$	196416
12	$\mathcal{O}(1; \{4^4, 6^{11}\})$	785664
12	$\mathcal{O}(1; \{3, 4^2, 6^{12}\})$	786240
12	$\mathcal{O}(1; \{2^{17}, 3^3, 4, 12\})$	1728
12	$\mathcal{O}(1; \{2^{13}, 3^6, 4, 12\})$	12096
12	$\mathcal{O}(1; \{2^9, 3^9, 4, 12\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^{12}, 4, 12\})$	786240
12	$\mathcal{O}(1; \{2, 3^{15}, 4, 12\})$	6291648
12	$\mathcal{O}(1; \{2^{14}, 3^3, 4^3, 12\})$	6912
12	$\mathcal{O}(1; \{2^{10}, 3^6, 4^3, 12\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^9, 4^3, 12\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^{12}, 4^3, 12\})$	3144960
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^5, 12\})$	27648
12	$\mathcal{O}(1; \{2^7, 3^6, 4^5, 12\})$	193536

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3^9, 4^5, 12\})$	1575936
12	$\mathcal{O}(1; \{2^8, 3^3, 4^7, 12\})$	110592
12	$\mathcal{O}(1; \{2^4, 3^6, 4^7, 12\})$	774144
12	$\mathcal{O}(1; \{3^9, 4^7, 12\})$	6303744
12	$\mathcal{O}(1; \{2^5, 3^3, 4^9, 12\})$	442368
12	$\mathcal{O}(1; \{2, 3^6, 4^9, 12\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3^3, 4^{11}, 12\})$	1769472
12	$\mathcal{O}(1; \{2^{18}, 3, 4, 6, 12\})$	576
12	$\mathcal{O}(1; \{2^{14}, 3^4, 4, 6, 12\})$	6336
12	$\mathcal{O}(1; \{2^{10}, 3^7, 4, 6, 12\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^{10}, 4, 6, 12\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^{13}, 4, 6, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{15}, 3, 4^3, 6, 12\})$	2304
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^3, 6, 12\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^7, 4^3, 6, 12\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^3, 6, 12\})$	1573632
12	$\mathcal{O}(1; \{2^{12}, 3, 4^5, 6, 12\})$	9216
12	$\mathcal{O}(1; \{2^8, 3^4, 4^5, 6, 12\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^7, 4^5, 6, 12\})$	783360
12	$\mathcal{O}(1; \{3^{10}, 4^5, 6, 12\})$	6294528
12	$\mathcal{O}(1; \{2^9, 3, 4^7, 6, 12\})$	36864
12	$\mathcal{O}(1; \{2^5, 3^4, 4^7, 6, 12\})$	405504
12	$\mathcal{O}(1; \{2, 3^7, 4^7, 6, 12\})$	3133440
12	$\mathcal{O}(1; \{2^6, 3, 4^9, 6, 12\})$	147456
12	$\mathcal{O}(1; \{2^2, 3^4, 4^9, 6, 12\})$	1622016
12	$\mathcal{O}(1; \{2^3, 3, 4^{11}, 6, 12\})$	589824
12	$\mathcal{O}(1; \{3, 4^{13}, 6, 12\})$	2359296
12	$\mathcal{O}(1; \{2^{15}, 3^2, 4, 6^2, 12\})$	2880
12	$\mathcal{O}(1; \{2^{11}, 3^5, 4, 6^2, 12\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^8, 4, 6^2, 12\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^{11}, 4, 6^2, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^3, 6^2, 12\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^5, 4^3, 6^2, 12\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^8, 4^3, 6^2, 12\})$	785664
12	$\mathcal{O}(1; \{3^{11}, 4^3, 6^2, 12\})$	6292224
12	$\mathcal{O}(1; \{2^9, 3^2, 4^5, 6^2, 12\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^5, 4^5, 6^2, 12\})$	396288
12	$\mathcal{O}(1; \{2, 3^8, 4^5, 6^2, 12\})$	3142656
12	$\mathcal{O}(1; \{2^6, 3^2, 4^7, 6^2, 12\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^5, 4^7, 6^2, 12\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^2, 4^9, 6^2, 12\})$	737280
12	$\mathcal{O}(1; \{3^2, 4^{11}, 6^2, 12\})$	2949120
12	$\mathcal{O}(1; \{2^{16}, 4, 6^3, 12\})$	1728

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4, 6^3, 12\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^6, 4, 6^3, 12\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^9, 4, 6^3, 12\})$	786240
12	$\mathcal{O}(1; \{3^{12}, 4, 6^3, 12\})$	6291648
12	$\mathcal{O}(1; \{2^{13}, 4^3, 6^3, 12\})$	6912
12	$\mathcal{O}(1; \{2^9, 3^3, 4^3, 6^3, 12\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^6, 4^3, 6^3, 12\})$	393984
12	$\mathcal{O}(1; \{2, 3^9, 4^3, 6^3, 12\})$	3144960
12	$\mathcal{O}(1; \{2^{10}, 4^5, 6^3, 12\})$	27648
12	$\mathcal{O}(1; \{2^6, 3^3, 4^5, 6^3, 12\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^6, 4^5, 6^3, 12\})$	1575936
12	$\mathcal{O}(1; \{2^7, 4^7, 6^3, 12\})$	110592
12	$\mathcal{O}(1; \{2^3, 3^3, 4^7, 6^3, 12\})$	774144
12	$\mathcal{O}(1; \{2^4, 4^9, 6^3, 12\})$	442368
12	$\mathcal{O}(1; \{3^3, 4^9, 6^3, 12\})$	3096576
12	$\mathcal{O}(1; \{2, 4^{11}, 6^3, 12\})$	1769472
12	$\mathcal{O}(1; \{2^{13}, 3, 4, 6^4, 12\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^4, 4, 6^4, 12\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^7, 4, 6^4, 12\})$	393408
12	$\mathcal{O}(1; \{2, 3^{10}, 4, 6^4, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{10}, 3, 4^3, 6^4, 12\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^4, 4^3, 6^4, 12\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^7, 4^3, 6^4, 12\})$	1573632
12	$\mathcal{O}(1; \{2^7, 3, 4^5, 6^4, 12\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^4, 4^5, 6^4, 12\})$	783360
12	$\mathcal{O}(1; \{2^4, 3, 4^7, 6^4, 12\})$	405504
12	$\mathcal{O}(1; \{3^4, 4^7, 6^4, 12\})$	3133440
12	$\mathcal{O}(1; \{2, 3, 4^9, 6^4, 12\})$	1622016
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4, 6^5, 12\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^5, 4, 6^5, 12\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^8, 4, 6^5, 12\})$	1573056
12	$\mathcal{O}(1; \{2^7, 3^2, 4^3, 6^5, 12\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^5, 4^3, 6^5, 12\})$	785664
12	$\mathcal{O}(1; \{2^4, 3^2, 4^5, 6^5, 12\})$	396288
12	$\mathcal{O}(1; \{3^5, 4^5, 6^5, 12\})$	3142656
12	$\mathcal{O}(1; \{2, 3^2, 4^7, 6^5, 12\})$	1585152
12	$\mathcal{O}(1; \{2^{11}, 4, 6^6, 12\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^3, 4, 6^6, 12\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^6, 4, 6^6, 12\})$	786240
12	$\mathcal{O}(1; \{2^8, 4^3, 6^6, 12\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^3, 4^3, 6^6, 12\})$	393984
12	$\mathcal{O}(1; \{3^6, 4^3, 6^6, 12\})$	3144960
12	$\mathcal{O}(1; \{2^5, 4^5, 6^6, 12\})$	193536

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^3, 4^5, 6^6, 12\})$	1575936
12	$\mathcal{O}(1; \{2^2, 4^7, 6^6, 12\})$	774144
12	$\mathcal{O}(1; \{2^8, 3, 4, 6^7, 12\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^4, 4, 6^7, 12\})$	393408
12	$\mathcal{O}(1; \{3^7, 4, 6^7, 12\})$	3145536
12	$\mathcal{O}(1; \{2^5, 3, 4^3, 6^7, 12\})$	195840
12	$\mathcal{O}(1; \{2, 3^4, 4^3, 6^7, 12\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3, 4^5, 6^7, 12\})$	783360
12	$\mathcal{O}(1; \{2^5, 3^2, 4, 6^8, 12\})$	196416
12	$\mathcal{O}(1; \{2, 3^5, 4, 6^8, 12\})$	1573056
12	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 6^8, 12\})$	785664
12	$\mathcal{O}(1; \{2^6, 4, 6^9, 12\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 6^9, 12\})$	786240
12	$\mathcal{O}(1; \{2^3, 4^3, 6^9, 12\})$	393984
12	$\mathcal{O}(1; \{4^5, 6^9, 12\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3, 4, 6^{10}, 12\})$	393408
12	$\mathcal{O}(1; \{3, 4^3, 6^{10}, 12\})$	1573632
12	$\mathcal{O}(1; \{3^2, 4, 6^{11}, 12\})$	1573056
12	$\mathcal{O}(1; \{2, 4, 6^{12}, 12\})$	786240
12	$\mathcal{O}(1; \{2^{18}, 3^2, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{14}, 3^5, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^{10}, 3^8, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^6, 3^{11}, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^2, 3^{14}, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{15}, 3^2, 4^2, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^{11}, 3^5, 4^2, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^8, 4^2, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^{11}, 4^2, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^4, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^8, 3^5, 4^4, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^8, 4^4, 12^2\})$	1575936
12	$\mathcal{O}(1; \{3^{11}, 4^4, 12^2\})$	12579840
12	$\mathcal{O}(1; \{2^9, 3^2, 4^6, 12^2\})$	110592
12	$\mathcal{O}(1; \{2^5, 3^5, 4^6, 12^2\})$	774144
12	$\mathcal{O}(1; \{2, 3^8, 4^6, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^6, 3^2, 4^8, 12^2\})$	442368
12	$\mathcal{O}(1; \{2^2, 3^5, 4^8, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^3, 3^2, 4^{10}, 12^2\})$	1769472
12	$\mathcal{O}(1; \{3^2, 4^{12}, 12^2\})$	7077888
12	$\mathcal{O}(1; \{2^{19}, 6, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{15}, 3^3, 6, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^{11}, 3^6, 6, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^7, 3^9, 6, 12^2\})$	393408

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3^{12}, 6, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{16}, 4^2, 6, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^2, 6, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^6, 4^2, 6, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^9, 4^2, 6, 12^2\})$	1573632
12	$\mathcal{O}(1; \{3^{12}, 4^2, 6, 12^2\})$	12582144
12	$\mathcal{O}(1; \{2^{13}, 4^4, 6, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^9, 3^3, 4^4, 6, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^6, 4^4, 6, 12^2\})$	783360
12	$\mathcal{O}(1; \{2, 3^9, 4^4, 6, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^{10}, 4^6, 6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^6, 3^3, 4^6, 6, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^6, 4^6, 6, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^7, 4^8, 6, 12^2\})$	147456
12	$\mathcal{O}(1; \{2^3, 3^3, 4^8, 6, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2^4, 4^{10}, 6, 12^2\})$	589824
12	$\mathcal{O}(1; \{3^3, 4^{10}, 6, 12^2\})$	6488064
12	$\mathcal{O}(1; \{2, 4^{12}, 6, 12^2\})$	2359296
12	$\mathcal{O}(1; \{2^{16}, 3, 6^2, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{12}, 3^4, 6^2, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^8, 3^7, 6^2, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^{10}, 6^2, 12^2\})$	1573056
12	$\mathcal{O}(1; \{3^{13}, 6^2, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^{13}, 3, 4^2, 6^2, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^9, 3^4, 4^2, 6^2, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^7, 4^2, 6^2, 12^2\})$	785664
12	$\mathcal{O}(1; \{2, 3^{10}, 4^2, 6^2, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^{10}, 3, 4^4, 6^2, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^4, 4^4, 6^2, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^7, 4^4, 6^2, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^7, 3, 4^6, 6^2, 12^2\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^4, 4^6, 6^2, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3, 4^8, 6^2, 12^2\})$	737280
12	$\mathcal{O}(1; \{3^4, 4^8, 6^2, 12^2\})$	6340608
12	$\mathcal{O}(1; \{2, 3, 4^{10}, 6^2, 12^2\})$	2949120
12	$\mathcal{O}(1; \{2^{13}, 3^2, 6^3, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^9, 3^5, 6^3, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^8, 6^3, 12^2\})$	786240
12	$\mathcal{O}(1; \{2, 3^{11}, 6^3, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^2, 6^3, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^5, 4^2, 6^3, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^8, 4^2, 6^3, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^7, 3^2, 4^4, 6^3, 12^2\})$	193536

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3^5, 4^4, 6^3, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3^2, 4^6, 6^3, 12^2\})$	774144
12	$\mathcal{O}(1; \{3^5, 4^6, 6^3, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2, 3^2, 4^8, 6^3, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^{14}, 6^4, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^{10}, 3^3, 6^4, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^6, 6^4, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^9, 6^4, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{11}, 4^2, 6^4, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^3, 4^2, 6^4, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^6, 4^2, 6^4, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^8, 4^4, 6^4, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^3, 4^4, 6^4, 12^2\})$	783360
12	$\mathcal{O}(1; \{3^6, 4^4, 6^4, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^5, 4^6, 6^4, 12^2\})$	405504
12	$\mathcal{O}(1; \{2, 3^3, 4^6, 6^4, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^2, 4^8, 6^4, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2^{11}, 3, 6^5, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^4, 6^5, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^7, 6^5, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^8, 3, 4^2, 6^5, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^4, 4^2, 6^5, 12^2\})$	785664
12	$\mathcal{O}(1; \{3^7, 4^2, 6^5, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^5, 3, 4^4, 6^5, 12^2\})$	396288
12	$\mathcal{O}(1; \{2, 3^4, 4^4, 6^5, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3, 4^6, 6^5, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^8, 3^2, 6^6, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^5, 6^6, 12^2\})$	786240
12	$\mathcal{O}(1; \{3^8, 6^6, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 6^6, 12^2\})$	393984
12	$\mathcal{O}(1; \{2, 3^5, 4^2, 6^6, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 6^6, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^9, 6^7, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^3, 6^7, 12^2\})$	393408
12	$\mathcal{O}(1; \{2, 3^6, 6^7, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^6, 4^2, 6^7, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6^7, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^3, 4^4, 6^7, 12^2\})$	783360
12	$\mathcal{O}(1; \{4^6, 6^7, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^6, 3, 6^8, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^4, 6^8, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^8, 12^2\})$	785664
12	$\mathcal{O}(1; \{3, 4^4, 6^8, 12^2\})$	3142656

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3^2, 6^9, 12^2\})$	786240
12	$\mathcal{O}(1; \{3^2, 4^2, 6^9, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^4, 6^{10}, 12^2\})$	393408
12	$\mathcal{O}(1; \{3^3, 6^{10}, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2, 4^2, 6^{10}, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2, 3, 6^{11}, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^{16}, 3, 4, 12^3\})$	6912
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^8, 3^7, 4, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4, 12^3\})$	3144960
12	$\mathcal{O}(1; \{3^{13}, 4, 12^3\})$	25166592
12	$\mathcal{O}(1; \{2^{13}, 3, 4^3, 12^3\})$	27648
12	$\mathcal{O}(1; \{2^9, 3^4, 4^3, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^7, 4^3, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2, 3^{10}, 4^3, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^{10}, 3, 4^5, 12^3\})$	110592
12	$\mathcal{O}(1; \{2^6, 3^4, 4^5, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^7, 4^5, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^7, 3, 4^7, 12^3\})$	442368
12	$\mathcal{O}(1; \{2^3, 3^4, 4^7, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2^4, 3, 4^9, 12^3\})$	1769472
12	$\mathcal{O}(1; \{3^4, 4^9, 12^3\})$	12386304
12	$\mathcal{O}(1; \{2, 3, 4^{11}, 12^3\})$	7077888
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4, 6, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^9, 3^5, 4, 6, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^8, 4, 6, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2, 3^{11}, 4, 6, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^3, 6, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^6, 3^5, 4^3, 6, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^8, 4^3, 6, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^7, 3^2, 4^5, 6, 12^3\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^5, 4^5, 6, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3^2, 4^7, 6, 12^3\})$	1622016
12	$\mathcal{O}(1; \{3^5, 4^7, 6, 12^3\})$	12533760
12	$\mathcal{O}(1; \{2, 3^2, 4^9, 6, 12^3\})$	6488064
12	$\mathcal{O}(1; \{2^{14}, 4, 6^2, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4, 6^2, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^6, 4, 6^2, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^9, 4, 6^2, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^{11}, 4^3, 6^2, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^7, 3^3, 4^3, 6^2, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^6, 4^3, 6^2, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^8, 4^5, 6^2, 12^3\})$	184320

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^4, 3^3, 4^5, 6^2, 12^3\})$	1585152
12	$\mathcal{O}(1; \{3^6, 4^5, 6^2, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2^5, 4^7, 6^2, 12^3\})$	737280
12	$\mathcal{O}(1; \{2, 3^3, 4^7, 6^2, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^2, 4^9, 6^2, 12^3\})$	2949120
12	$\mathcal{O}(1; \{2^{11}, 3, 4, 6^3, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^4, 4, 6^3, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^7, 4, 6^3, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^8, 3, 4^3, 6^3, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^4, 4^3, 6^3, 12^3\})$	1575936
12	$\mathcal{O}(1; \{3^7, 4^3, 6^3, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^5, 3, 4^5, 6^3, 12^3\})$	774144
12	$\mathcal{O}(1; \{2, 3^4, 4^5, 6^3, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3, 4^7, 6^3, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2^8, 3^2, 4, 6^4, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^5, 4, 6^4, 12^3\})$	1573632
12	$\mathcal{O}(1; \{3^8, 4, 6^4, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^5, 3^2, 4^3, 6^4, 12^3\})$	783360
12	$\mathcal{O}(1; \{2, 3^5, 4^3, 6^4, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^2, 3^2, 4^5, 6^4, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^9, 4, 6^5, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^3, 4, 6^5, 12^3\})$	785664
12	$\mathcal{O}(1; \{2, 3^6, 4, 6^5, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^6, 4^3, 6^5, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^3, 4^3, 6^5, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^3, 4^5, 6^5, 12^3\})$	1585152
12	$\mathcal{O}(1; \{4^7, 6^5, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^6, 3, 4, 6^6, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^4, 4, 6^6, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^3, 3, 4^3, 6^6, 12^3\})$	1575936
12	$\mathcal{O}(1; \{3, 4^5, 6^6, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 6^7, 12^3\})$	1573632
12	$\mathcal{O}(1; \{3^2, 4^3, 6^7, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^4, 4, 6^8, 12^3\})$	785664
12	$\mathcal{O}(1; \{3^3, 4, 6^8, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2, 4^3, 6^8, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2, 3, 4, 6^9, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^{17}, 12^4\})$	6912
12	$\mathcal{O}(1; \{2^{13}, 3^3, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^9, 3^6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^5, 3^9, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2, 3^{12}, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^{14}, 4^2, 12^4\})$	27648

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^2, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^6, 3^6, 4^2, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^9, 4^2, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^{11}, 4^4, 12^4\})$	110592
12	$\mathcal{O}(1; \{2^7, 3^3, 4^4, 12^4\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^6, 4^4, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^8, 4^6, 12^4\})$	442368
12	$\mathcal{O}(1; \{2^4, 3^3, 4^6, 12^4\})$	3096576
12	$\mathcal{O}(1; \{3^6, 4^6, 12^4\})$	25214976
12	$\mathcal{O}(1; \{2^5, 4^8, 12^4\})$	1769472
12	$\mathcal{O}(1; \{2, 3^3, 4^8, 12^4\})$	12386304
12	$\mathcal{O}(1; \{2^2, 4^{10}, 12^4\})$	7077888
12	$\mathcal{O}(1; \{2^{14}, 3, 6, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^{10}, 3^4, 6, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^6, 3^7, 6, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^{10}, 6, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^{11}, 3, 4^2, 6, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^7, 3^4, 4^2, 6, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^7, 4^2, 6, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^8, 3, 4^4, 6, 12^4\})$	405504
12	$\mathcal{O}(1; \{2^4, 3^4, 4^4, 6, 12^4\})$	3133440
12	$\mathcal{O}(1; \{3^7, 4^4, 6, 12^4\})$	25178112
12	$\mathcal{O}(1; \{2^5, 3, 4^6, 6, 12^4\})$	1622016
12	$\mathcal{O}(1; \{2, 3^4, 4^6, 6, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2^2, 3, 4^8, 6, 12^4\})$	6488064
12	$\mathcal{O}(1; \{2^{11}, 3^2, 6^2, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^7, 3^5, 6^2, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^8, 6^2, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^8, 3^2, 4^2, 6^2, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^5, 4^2, 6^2, 12^4\})$	3142656
12	$\mathcal{O}(1; \{3^8, 4^2, 6^2, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2^5, 3^2, 4^4, 6^2, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2, 3^5, 4^4, 6^2, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3^2, 4^6, 6^2, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2^{12}, 6^3, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^8, 3^3, 6^3, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^6, 6^3, 12^4\})$	3144960
12	$\mathcal{O}(1; \{3^9, 6^3, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^9, 4^2, 6^3, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^3, 4^2, 6^3, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2, 3^6, 4^2, 6^3, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^6, 4^4, 6^3, 12^4\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^3, 4^4, 6^3, 12^4\})$	6303744

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 4^6, 6^3, 12^4\})$	3096576
12	$\mathcal{O}(1; \{4^8, 6^3, 12^4\})$	12386304
12	$\mathcal{O}(1; \{2^9, 3, 6^4, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^4, 6^4, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2, 3^7, 6^4, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 6^4, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 6^4, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 6^4, 12^4\})$	3133440
12	$\mathcal{O}(1; \{3, 4^6, 6^4, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2^6, 3^2, 6^5, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^5, 6^5, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6^5, 12^4\})$	3142656
12	$\mathcal{O}(1; \{3^2, 4^4, 6^5, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^7, 6^6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^3, 6^6, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^4, 4^2, 6^6, 12^4\})$	1575936
12	$\mathcal{O}(1; \{3^3, 4^2, 6^6, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2, 4^4, 6^6, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^4, 3, 6^7, 12^4\})$	1573632
12	$\mathcal{O}(1; \{3^4, 6^7, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^7, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2, 3^2, 6^8, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^2, 6^9, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^7, 3^5, 4, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^8, 4, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^8, 3^2, 4^3, 12^5\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^5, 4^3, 12^5\})$	6303744
12	$\mathcal{O}(1; \{3^8, 4^3, 12^5\})$	50319360
12	$\mathcal{O}(1; \{2^5, 3^2, 4^5, 12^5\})$	3096576
12	$\mathcal{O}(1; \{2, 3^5, 4^5, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2^2, 3^2, 4^7, 12^5\})$	12386304
12	$\mathcal{O}(1; \{2^{12}, 4, 6, 12^5\})$	101376
12	$\mathcal{O}(1; \{2^8, 3^3, 4, 6, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^6, 4, 6, 12^5\})$	6294528
12	$\mathcal{O}(1; \{3^9, 4, 6, 12^5\})$	50328576
12	$\mathcal{O}(1; \{2^9, 4^3, 6, 12^5\})$	405504
12	$\mathcal{O}(1; \{2^5, 3^3, 4^3, 6, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2, 3^6, 4^3, 6, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2^6, 4^5, 6, 12^5\})$	1622016
12	$\mathcal{O}(1; \{2^2, 3^3, 4^5, 6, 12^5\})$	12533760
12	$\mathcal{O}(1; \{2^3, 4^7, 6, 12^5\})$	6488064
12	$\mathcal{O}(1; \{4^9, 6, 12^5\})$	25952256

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^9, 3, 4, 6^2, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^5, 3^4, 4, 6^2, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2, 3^7, 4, 6^2, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^6, 3, 4^3, 6^2, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^4, 4^3, 6^2, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^3, 3, 4^5, 6^2, 12^5\})$	6340608
12	$\mathcal{O}(1; \{3, 4^7, 6^2, 12^5\})$	25362432
12	$\mathcal{O}(1; \{2^6, 3^2, 4, 6^3, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^5, 4, 6^3, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^3, 3^2, 4^3, 6^3, 12^5\})$	6303744
12	$\mathcal{O}(1; \{3^2, 4^5, 6^3, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2^7, 4, 6^4, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^3, 4, 6^4, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^4, 4^3, 6^4, 12^5\})$	3133440
12	$\mathcal{O}(1; \{3^3, 4^3, 6^4, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2, 4^5, 6^4, 12^5\})$	12533760
12	$\mathcal{O}(1; \{2^4, 3, 4, 6^5, 12^5\})$	3142656
12	$\mathcal{O}(1; \{3^4, 4, 6^5, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2, 3, 4^3, 6^5, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2, 3^2, 4, 6^6, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^2, 4, 6^7, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^{12}, 3, 12^6\})$	193536
12	$\mathcal{O}(1; \{2^8, 3^4, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3^7, 12^6\})$	12579840
12	$\mathcal{O}(1; \{3^{10}, 12^6\})$	100666368
12	$\mathcal{O}(1; \{2^9, 3, 4^2, 12^6\})$	774144
12	$\mathcal{O}(1; \{2^5, 3^4, 4^2, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2, 3^7, 4^2, 12^6\})$	50319360
12	$\mathcal{O}(1; \{2^6, 3, 4^4, 12^6\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3^4, 4^4, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2^3, 3, 4^6, 12^6\})$	12386304
12	$\mathcal{O}(1; \{3, 4^8, 12^6\})$	49545216
12	$\mathcal{O}(1; \{2^9, 3^2, 6, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^5, 3^5, 6, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2, 3^8, 6, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^6, 3^2, 4^2, 6, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^5, 4^2, 6, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2^3, 3^2, 4^4, 6, 12^6\})$	12533760
12	$\mathcal{O}(1; \{3^2, 4^6, 6, 12^6\})$	50135040
12	$\mathcal{O}(1; \{2^{10}, 6^2, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^6, 3^3, 6^2, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^6, 6^2, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^7, 4^2, 6^2, 12^6\})$	1585152

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 6^2, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2^4, 4^4, 6^2, 12^6\})$	6340608
12	$\mathcal{O}(1; \{3^3, 4^4, 6^2, 12^6\})$	50282496
12	$\mathcal{O}(1; \{2, 4^6, 6^2, 12^6\})$	25362432
12	$\mathcal{O}(1; \{2^7, 3, 6^3, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^4, 6^3, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 6^3, 12^6\})$	6303744
12	$\mathcal{O}(1; \{3^4, 4^2, 6^3, 12^6\})$	50319360
12	$\mathcal{O}(1; \{2, 3, 4^4, 6^3, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2^4, 3^2, 6^4, 12^6\})$	6294528
12	$\mathcal{O}(1; \{3^5, 6^4, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^4, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2^5, 6^5, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2, 3^3, 6^5, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^2, 4^2, 6^5, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3, 6^6, 12^6\})$	12579840
12	$\mathcal{O}(1; \{6^8, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^{10}, 4, 12^7\})$	774144
12	$\mathcal{O}(1; \{2^6, 3^3, 4, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^6, 4, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^7, 4^3, 12^7\})$	3096576
12	$\mathcal{O}(1; \{2^3, 3^3, 4^3, 12^7\})$	25214976
12	$\mathcal{O}(1; \{2^4, 4^5, 12^7\})$	12386304
12	$\mathcal{O}(1; \{3^3, 4^5, 12^7\})$	100859904
12	$\mathcal{O}(1; \{2, 4^7, 12^7\})$	49545216
12	$\mathcal{O}(1; \{2^7, 3, 4, 6, 12^7\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3^4, 4, 6, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2^4, 3, 4^3, 6, 12^7\})$	12533760
12	$\mathcal{O}(1; \{3^4, 4^3, 6, 12^7\})$	100712448
12	$\mathcal{O}(1; \{2, 3, 4^5, 6, 12^7\})$	50135040
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 6^2, 12^7\})$	12570624
12	$\mathcal{O}(1; \{3^5, 4, 6^2, 12^7\})$	100675584
12	$\mathcal{O}(1; \{2, 3^2, 4^3, 6^2, 12^7\})$	50282496
12	$\mathcal{O}(1; \{2^5, 4, 6^3, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2, 3^3, 4, 6^3, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^2, 4^3, 6^3, 12^7\})$	25214976
12	$\mathcal{O}(1; \{2^2, 3, 4, 6^4, 12^7\})$	25178112
12	$\mathcal{O}(1; \{4, 6^6, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^7, 3^2, 12^8\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3^5, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 12^8\})$	25214976
12	$\mathcal{O}(1; \{3^5, 4^2, 12^8\})$	201277440
12	$\mathcal{O}(1; \{2, 3^2, 4^4, 12^8\})$	100859904

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^8, 6, 12^8\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3^3, 6, 12^8\})$	25178112
12	$\mathcal{O}(1; \{3^6, 6, 12^8\})$	201314304
12	$\mathcal{O}(1; \{2^5, 4^2, 6, 12^8\})$	12533760
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 6, 12^8\})$	100712448
12	$\mathcal{O}(1; \{2^2, 4^4, 6, 12^8\})$	50135040
12	$\mathcal{O}(1; \{2^5, 3, 6^2, 12^8\})$	12570624
12	$\mathcal{O}(1; \{2, 3^4, 6^2, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^2, 12^8\})$	50282496
12	$\mathcal{O}(1; \{2^2, 3^2, 6^3, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2^3, 6^4, 12^8\})$	25178112
12	$\mathcal{O}(1; \{4^2, 6^4, 12^8\})$	100712448
12	$\mathcal{O}(1; \{3, 6^5, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^5, 3, 4, 12^9\})$	25214976
12	$\mathcal{O}(1; \{2, 3^4, 4, 12^9\})$	201277440
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 12^9\})$	100859904
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6, 12^9\})$	100712448
12	$\mathcal{O}(1; \{2^3, 4, 6^2, 12^9\})$	50282496
12	$\mathcal{O}(1; \{4^3, 6^2, 12^9\})$	201129984
12	$\mathcal{O}(1; \{3, 4, 6^3, 12^9\})$	201277440
12	$\mathcal{O}(1; \{2^6, 12^{10}\})$	25214976
12	$\mathcal{O}(1; \{2^2, 3^3, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{2^3, 4^2, 12^{10}\})$	100859904
12	$\mathcal{O}(1; \{4^4, 12^{10}\})$	403439616
12	$\mathcal{O}(1; \{2^3, 3, 6, 12^{10}\})$	100712448
12	$\mathcal{O}(1; \{3, 4^2, 6, 12^{10}\})$	402849792
12	$\mathcal{O}(1; \{3^2, 6^2, 12^{10}\})$	402702336
12	$\mathcal{O}(1; \{2, 6^3, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{3^2, 4, 12^{11}\})$	805109760
12	$\mathcal{O}(1; \{2, 4, 6, 12^{11}\})$	402849792
12	$\mathcal{O}(1; \{2, 3, 12^{12}\})$	805109760
12	$\mathcal{O}(0; \{2^{20}, 3^4, 4^2\})$	12
12	$\mathcal{O}(0; \{2^{16}, 3^7, 4^2\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^{10}, 4^2\})$	684
12	$\mathcal{O}(0; \{2^8, 3^{13}, 4^2\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{16}, 4^2\})$	43692
12	$\mathcal{O}(0; \{3^{19}, 4^2\})$	349524
12	$\mathcal{O}(0; \{2^{17}, 3^4, 4^4\})$	48
12	$\mathcal{O}(0; \{2^{13}, 3^7, 4^4\})$	336
12	$\mathcal{O}(0; \{2^9, 3^{10}, 4^4\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^{13}, 4^4\})$	21840
12	$\mathcal{O}(0; \{2, 3^{16}, 4^4\})$	174768
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^6\})$	192

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^6\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^6\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^6\})$	87360
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^8\})$	768
12	$\mathcal{O}(0; \{2^7, 3^7, 4^8\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^8\})$	43776
12	$\mathcal{O}(0; \{2^8, 3^4, 4^{10}\})$	3072
12	$\mathcal{O}(0; \{2^4, 3^7, 4^{10}\})$	21504
12	$\mathcal{O}(0; \{3^{10}, 4^{10}\})$	175104
12	$\mathcal{O}(0; \{2^5, 3^4, 4^{12}\})$	12288
12	$\mathcal{O}(0; \{2, 3^7, 4^{12}\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{14}\})$	49152
12	$\mathcal{O}(0; \{2^{21}, 3^2, 4^2, 6\})$	4
12	$\mathcal{O}(0; \{2^{17}, 3^5, 4^2, 6\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^8, 4^2, 6\})$	340
12	$\mathcal{O}(0; \{2^9, 3^{11}, 4^2, 6\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^{14}, 4^2, 6\})$	21844
12	$\mathcal{O}(0; \{2, 3^{17}, 4^2, 6\})$	174764
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4^4, 6\})$	16
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4^4, 6\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4^4, 6\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4^4, 6\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4^4, 6\})$	87376
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^6, 6\})$	64
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^6, 6\})$	704
12	$\mathcal{O}(0; \{2^7, 3^8, 4^6, 6\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^6, 6\})$	43712
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^8, 6\})$	256
12	$\mathcal{O}(0; \{2^8, 3^5, 4^8, 6\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^8, 4^8, 6\})$	21760
12	$\mathcal{O}(0; \{3^{11}, 4^8, 6\})$	174848
12	$\mathcal{O}(0; \{2^9, 3^2, 4^{10}, 6\})$	1024
12	$\mathcal{O}(0; \{2^5, 3^5, 4^{10}, 6\})$	11264
12	$\mathcal{O}(0; \{2, 3^8, 4^{10}, 6\})$	87040
12	$\mathcal{O}(0; \{2^6, 3^2, 4^{12}, 6\})$	4096
12	$\mathcal{O}(0; \{2^2, 3^5, 4^{12}, 6\})$	45056
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{14}, 6\})$	16384
12	$\mathcal{O}(0; \{3^2, 4^{16}, 6\})$	65536
12	$\mathcal{O}(0; \{2^{22}, 4^2, 6^2\})$	4
12	$\mathcal{O}(0; \{2^{18}, 3^3, 4^2, 6^2\})$	20
12	$\mathcal{O}(0; \{2^{14}, 3^6, 4^2, 6^2\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^9, 4^2, 6^2\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^{12}, 4^2, 6^2\})$	10924

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^{15}, 4^2, 6^2\})$	87380
12	$\mathcal{O}(0; \{2^{19}, 4^4, 6^2\})$	16
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^4, 6^2\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^4, 6^2\})$	688
12	$\mathcal{O}(0; \{2^7, 3^9, 4^4, 6^2\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^4, 6^2\})$	43696
12	$\mathcal{O}(0; \{2^{16}, 4^6, 6^2\})$	64
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^6, 6^2\})$	320
12	$\mathcal{O}(0; \{2^8, 3^6, 4^6, 6^2\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^9, 4^6, 6^2\})$	21824
12	$\mathcal{O}(0; \{3^{12}, 4^6, 6^2\})$	174784
12	$\mathcal{O}(0; \{2^{13}, 4^8, 6^2\})$	256
12	$\mathcal{O}(0; \{2^9, 3^3, 4^8, 6^2\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^6, 4^8, 6^2\})$	11008
12	$\mathcal{O}(0; \{2, 3^9, 4^8, 6^2\})$	87296
12	$\mathcal{O}(0; \{2^{10}, 4^{10}, 6^2\})$	1024
12	$\mathcal{O}(0; \{2^6, 3^3, 4^{10}, 6^2\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^6, 4^{10}, 6^2\})$	44032
12	$\mathcal{O}(0; \{2^7, 4^{12}, 6^2\})$	4096
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{12}, 6^2\})$	20480
12	$\mathcal{O}(0; \{2^4, 4^{14}, 6^2\})$	16384
12	$\mathcal{O}(0; \{3^3, 4^{14}, 6^2\})$	81920
12	$\mathcal{O}(0; \{2, 4^{16}, 6^2\})$	65536
12	$\mathcal{O}(0; \{2^{19}, 3, 4^2, 6^3\})$	12
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^2, 6^3\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^2, 6^3\})$	684
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^2, 6^3\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^2, 6^3\})$	43692
12	$\mathcal{O}(0; \{2^{16}, 3, 4^4, 6^3\})$	48
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^4, 6^3\})$	336
12	$\mathcal{O}(0; \{2^8, 3^7, 4^4, 6^3\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^4, 6^3\})$	21840
12	$\mathcal{O}(0; \{3^{13}, 4^4, 6^3\})$	174768
12	$\mathcal{O}(0; \{2^{13}, 3, 4^6, 6^3\})$	192
12	$\mathcal{O}(0; \{2^9, 3^4, 4^6, 6^3\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^7, 4^6, 6^3\})$	10944
12	$\mathcal{O}(0; \{2, 3^{10}, 4^6, 6^3\})$	87360
12	$\mathcal{O}(0; \{2^{10}, 3, 4^8, 6^3\})$	768
12	$\mathcal{O}(0; \{2^6, 3^4, 4^8, 6^3\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^7, 4^8, 6^3\})$	43776
12	$\mathcal{O}(0; \{2^7, 3, 4^{10}, 6^3\})$	3072
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{10}, 6^3\})$	21504
12	$\mathcal{O}(0; \{2^4, 3, 4^{12}, 6^3\})$	12288

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^4, 4^{12}, 6^3\})$	86016
12	$\mathcal{O}(0; \{2, 3, 4^{14}, 6^3\})$	49152
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^2, 6^4\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^2, 6^4\})$	340
12	$\mathcal{O}(0; \{2^8, 3^8, 4^2, 6^4\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^2, 6^4\})$	21844
12	$\mathcal{O}(0; \{3^{14}, 4^2, 6^4\})$	174764
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^4, 6^4\})$	176
12	$\mathcal{O}(0; \{2^9, 3^5, 4^4, 6^4\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^8, 4^4, 6^4\})$	10928
12	$\mathcal{O}(0; \{2, 3^{11}, 4^4, 6^4\})$	87376
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^6, 6^4\})$	704
12	$\mathcal{O}(0; \{2^6, 3^5, 4^6, 6^4\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^8, 4^6, 6^4\})$	43712
12	$\mathcal{O}(0; \{2^7, 3^2, 4^8, 6^4\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^5, 4^8, 6^4\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{10}, 6^4\})$	11264
12	$\mathcal{O}(0; \{3^5, 4^{10}, 6^4\})$	87040
12	$\mathcal{O}(0; \{2, 3^2, 4^{12}, 6^4\})$	45056
12	$\mathcal{O}(0; \{2^{17}, 4^2, 6^5\})$	20
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^2, 6^5\})$	172
12	$\mathcal{O}(0; \{2^9, 3^6, 4^2, 6^5\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^9, 4^2, 6^5\})$	10924
12	$\mathcal{O}(0; \{2, 3^{12}, 4^2, 6^5\})$	87380
12	$\mathcal{O}(0; \{2^{14}, 4^4, 6^5\})$	80
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^4, 6^5\})$	688
12	$\mathcal{O}(0; \{2^6, 3^6, 4^4, 6^5\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^9, 4^4, 6^5\})$	43696
12	$\mathcal{O}(0; \{2^{11}, 4^6, 6^5\})$	320
12	$\mathcal{O}(0; \{2^7, 3^3, 4^6, 6^5\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^6, 4^6, 6^5\})$	21824
12	$\mathcal{O}(0; \{2^8, 4^8, 6^5\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^3, 4^8, 6^5\})$	11008
12	$\mathcal{O}(0; \{3^6, 4^8, 6^5\})$	87296
12	$\mathcal{O}(0; \{2^5, 4^{10}, 6^5\})$	5120
12	$\mathcal{O}(0; \{2, 3^3, 4^{10}, 6^5\})$	44032
12	$\mathcal{O}(0; \{2^2, 4^{12}, 6^5\})$	20480
12	$\mathcal{O}(0; \{2^{14}, 3, 4^2, 6^6\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^2, 6^6\})$	684
12	$\mathcal{O}(0; \{2^6, 3^7, 4^2, 6^6\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^2, 6^6\})$	43692
12	$\mathcal{O}(0; \{2^{11}, 3, 4^4, 6^6\})$	336
12	$\mathcal{O}(0; \{2^7, 3^4, 4^4, 6^6\})$	2736

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^7, 4^4, 6^6\})$	21840
12	$\mathcal{O}(0; \{2^8, 3, 4^6, 6^6\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^4, 4^6, 6^6\})$	10944
12	$\mathcal{O}(0; \{3^7, 4^6, 6^6\})$	87360
12	$\mathcal{O}(0; \{2^5, 3, 4^8, 6^6\})$	5376
12	$\mathcal{O}(0; \{2, 3^4, 4^8, 6^6\})$	43776
12	$\mathcal{O}(0; \{2^2, 3, 4^{10}, 6^6\})$	21504
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^2, 6^7\})$	340
12	$\mathcal{O}(0; \{2^7, 3^5, 4^2, 6^7\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^8, 4^2, 6^7\})$	21844
12	$\mathcal{O}(0; \{2^8, 3^2, 4^4, 6^7\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^5, 4^4, 6^7\})$	10928
12	$\mathcal{O}(0; \{3^8, 4^4, 6^7\})$	87376
12	$\mathcal{O}(0; \{2^5, 3^2, 4^6, 6^7\})$	5440
12	$\mathcal{O}(0; \{2, 3^5, 4^6, 6^7\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^2, 4^8, 6^7\})$	21760
12	$\mathcal{O}(0; \{2^{12}, 4^2, 6^8\})$	172
12	$\mathcal{O}(0; \{2^8, 3^3, 4^2, 6^8\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^6, 4^2, 6^8\})$	10924
12	$\mathcal{O}(0; \{3^9, 4^2, 6^8\})$	87380
12	$\mathcal{O}(0; \{2^9, 4^4, 6^8\})$	688
12	$\mathcal{O}(0; \{2^5, 3^3, 4^4, 6^8\})$	5456
12	$\mathcal{O}(0; \{2, 3^6, 4^4, 6^8\})$	43696
12	$\mathcal{O}(0; \{2^6, 4^6, 6^8\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^3, 4^6, 6^8\})$	21824
12	$\mathcal{O}(0; \{2^3, 4^8, 6^8\})$	11008
12	$\mathcal{O}(0; \{4^{10}, 6^8\})$	44032
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 6^9\})$	684
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 6^9\})$	5460
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 6^9\})$	43692
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 6^9\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 6^9\})$	21840
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 6^9\})$	10944
12	$\mathcal{O}(0; \{3, 4^8, 6^9\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6^{10}\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6^{10}\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6^{10}\})$	10928
12	$\mathcal{O}(0; \{3^2, 4^6, 6^{10}\})$	43712
12	$\mathcal{O}(0; \{2^7, 4^2, 6^{11}\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^{11}\})$	10924
12	$\mathcal{O}(0; \{2^4, 4^4, 6^{11}\})$	5456
12	$\mathcal{O}(0; \{3^3, 4^4, 6^{11}\})$	43696
12	$\mathcal{O}(0; \{2, 4^6, 6^{11}\})$	21824

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^{12}\})$	5460
12	$\mathcal{O}(0; \{3^4, 4^2, 6^{12}\})$	43692
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^{12}\})$	21840
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^{13}\})$	21844
12	$\mathcal{O}(0; \{2^2, 4^2, 6^{14}\})$	10924
12	$\mathcal{O}(0; \{2^{21}, 3^3, 4, 12\})$	12
12	$\mathcal{O}(0; \{2^{17}, 3^6, 4, 12\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^9, 4, 12\})$	684
12	$\mathcal{O}(0; \{2^9, 3^{12}, 4, 12\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^{15}, 4, 12\})$	43692
12	$\mathcal{O}(0; \{2, 3^{18}, 4, 12\})$	349524
12	$\mathcal{O}(0; \{2^{18}, 3^3, 4^3, 12\})$	48
12	$\mathcal{O}(0; \{2^{14}, 3^6, 4^3, 12\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^9, 4^3, 12\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^{12}, 4^3, 12\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{15}, 4^3, 12\})$	174768
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^5, 12\})$	192
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^5, 12\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^9, 4^5, 12\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^5, 12\})$	87360
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^7, 12\})$	768
12	$\mathcal{O}(0; \{2^8, 3^6, 4^7, 12\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^9, 4^7, 12\})$	43776
12	$\mathcal{O}(0; \{3^{12}, 4^7, 12\})$	349440
12	$\mathcal{O}(0; \{2^9, 3^3, 4^9, 12\})$	3072
12	$\mathcal{O}(0; \{2^5, 3^6, 4^9, 12\})$	21504
12	$\mathcal{O}(0; \{2, 3^9, 4^9, 12\})$	175104
12	$\mathcal{O}(0; \{2^6, 3^3, 4^{11}, 12\})$	12288
12	$\mathcal{O}(0; \{2^2, 3^6, 4^{11}, 12\})$	86016
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{13}, 12\})$	49152
12	$\mathcal{O}(0; \{3^3, 4^{15}, 12\})$	196608
12	$\mathcal{O}(0; \{2^{22}, 3, 4, 6, 12\})$	4
12	$\mathcal{O}(0; \{2^{18}, 3^4, 4, 6, 12\})$	44
12	$\mathcal{O}(0; \{2^{14}, 3^7, 4, 6, 12\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^{10}, 4, 6, 12\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^{13}, 4, 6, 12\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{16}, 4, 6, 12\})$	174764
12	$\mathcal{O}(0; \{2^{19}, 3, 4^3, 6, 12\})$	16
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^3, 6, 12\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^3, 6, 12\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^3, 6, 12\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^3, 6, 12\})$	87376
12	$\mathcal{O}(0; \{2^{16}, 3, 4^5, 6, 12\})$	64

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^5, 6, 12\})$	704
12	$\mathcal{O}(0; \{2^8, 3^7, 4^5, 6, 12\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^5, 6, 12\})$	43712
12	$\mathcal{O}(0; \{3^{13}, 4^5, 6, 12\})$	349504
12	$\mathcal{O}(0; \{2^{13}, 3, 4^7, 6, 12\})$	256
12	$\mathcal{O}(0; \{2^9, 3^4, 4^7, 6, 12\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^7, 4^7, 6, 12\})$	21760
12	$\mathcal{O}(0; \{2, 3^{10}, 4^7, 6, 12\})$	174848
12	$\mathcal{O}(0; \{2^{10}, 3, 4^9, 6, 12\})$	1024
12	$\mathcal{O}(0; \{2^6, 3^4, 4^9, 6, 12\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^7, 4^9, 6, 12\})$	87040
12	$\mathcal{O}(0; \{2^7, 3, 4^{11}, 6, 12\})$	4096
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{11}, 6, 12\})$	45056
12	$\mathcal{O}(0; \{2^4, 3, 4^{13}, 6, 12\})$	16384
12	$\mathcal{O}(0; \{3^4, 4^{13}, 6, 12\})$	180224
12	$\mathcal{O}(0; \{2, 3, 4^{15}, 6, 12\})$	65536
12	$\mathcal{O}(0; \{2^{19}, 3^2, 4, 6^2, 12\})$	20
12	$\mathcal{O}(0; \{2^{15}, 3^5, 4, 6^2, 12\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^8, 4, 6^2, 12\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^{11}, 4, 6^2, 12\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{14}, 4, 6^2, 12\})$	87380
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^3, 6^2, 12\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^3, 6^2, 12\})$	688
12	$\mathcal{O}(0; \{2^8, 3^8, 4^3, 6^2, 12\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^3, 6^2, 12\})$	43696
12	$\mathcal{O}(0; \{3^{14}, 4^3, 6^2, 12\})$	349520
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^5, 6^2, 12\})$	320
12	$\mathcal{O}(0; \{2^9, 3^5, 4^5, 6^2, 12\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^8, 4^5, 6^2, 12\})$	21824
12	$\mathcal{O}(0; \{2, 3^{11}, 4^5, 6^2, 12\})$	174784
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^7, 6^2, 12\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^5, 4^7, 6^2, 12\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^8, 4^7, 6^2, 12\})$	87296
12	$\mathcal{O}(0; \{2^7, 3^2, 4^9, 6^2, 12\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^5, 4^9, 6^2, 12\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{11}, 6^2, 12\})$	20480
12	$\mathcal{O}(0; \{3^5, 4^{11}, 6^2, 12\})$	176128
12	$\mathcal{O}(0; \{2, 3^2, 4^{13}, 6^2, 12\})$	81920
12	$\mathcal{O}(0; \{2^{20}, 4, 6^3, 12\})$	12
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4, 6^3, 12\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4, 6^3, 12\})$	684
12	$\mathcal{O}(0; \{2^8, 3^9, 4, 6^3, 12\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4, 6^3, 12\})$	43692

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^{15}, 4, 6^3, 12\})$	349524
12	$\mathcal{O}(0; \{2^{17}, 4^3, 6^3, 12\})$	48
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^3, 6^3, 12\})$	336
12	$\mathcal{O}(0; \{2^9, 3^6, 4^3, 6^3, 12\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^9, 4^3, 6^3, 12\})$	21840
12	$\mathcal{O}(0; \{2, 3^{12}, 4^3, 6^3, 12\})$	174768
12	$\mathcal{O}(0; \{2^{14}, 4^5, 6^3, 12\})$	192
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^5, 6^3, 12\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^6, 4^5, 6^3, 12\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^9, 4^5, 6^3, 12\})$	87360
12	$\mathcal{O}(0; \{2^{11}, 4^7, 6^3, 12\})$	768
12	$\mathcal{O}(0; \{2^7, 3^3, 4^7, 6^3, 12\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^6, 4^7, 6^3, 12\})$	43776
12	$\mathcal{O}(0; \{2^8, 4^9, 6^3, 12\})$	3072
12	$\mathcal{O}(0; \{2^4, 3^3, 4^9, 6^3, 12\})$	21504
12	$\mathcal{O}(0; \{3^6, 4^9, 6^3, 12\})$	175104
12	$\mathcal{O}(0; \{2^5, 4^{11}, 6^3, 12\})$	12288
12	$\mathcal{O}(0; \{2, 3^3, 4^{11}, 6^3, 12\})$	86016
12	$\mathcal{O}(0; \{2^2, 4^{13}, 6^3, 12\})$	49152
12	$\mathcal{O}(0; \{2^{17}, 3, 4, 6^4, 12\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4, 6^4, 12\})$	340
12	$\mathcal{O}(0; \{2^9, 3^7, 4, 6^4, 12\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4, 6^4, 12\})$	21844
12	$\mathcal{O}(0; \{2, 3^{13}, 4, 6^4, 12\})$	174764
12	$\mathcal{O}(0; \{2^{14}, 3, 4^3, 6^4, 12\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^3, 6^4, 12\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^7, 4^3, 6^4, 12\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^3, 6^4, 12\})$	87376
12	$\mathcal{O}(0; \{2^{11}, 3, 4^5, 6^4, 12\})$	704
12	$\mathcal{O}(0; \{2^7, 3^4, 4^5, 6^4, 12\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^7, 4^5, 6^4, 12\})$	43712
12	$\mathcal{O}(0; \{2^8, 3, 4^7, 6^4, 12\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^4, 4^7, 6^4, 12\})$	21760
12	$\mathcal{O}(0; \{3^7, 4^7, 6^4, 12\})$	174848
12	$\mathcal{O}(0; \{2^5, 3, 4^9, 6^4, 12\})$	11264
12	$\mathcal{O}(0; \{2, 3^4, 4^9, 6^4, 12\})$	87040
12	$\mathcal{O}(0; \{2^2, 3, 4^{11}, 6^4, 12\})$	45056
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4, 6^5, 12\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4, 6^5, 12\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^8, 4, 6^5, 12\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4, 6^5, 12\})$	87380
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^3, 6^5, 12\})$	688
12	$\mathcal{O}(0; \{2^7, 3^5, 4^3, 6^5, 12\})$	5456

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^8, 4^3, 6^5, 12\})$	43696
12	$\mathcal{O}(0; \{2^8, 3^2, 4^5, 6^5, 12\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^5, 4^5, 6^5, 12\})$	21824
12	$\mathcal{O}(0; \{3^8, 4^5, 6^5, 12\})$	174784
12	$\mathcal{O}(0; \{2^5, 3^2, 4^7, 6^5, 12\})$	11008
12	$\mathcal{O}(0; \{2, 3^5, 4^7, 6^5, 12\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^2, 4^9, 6^5, 12\})$	44032
12	$\mathcal{O}(0; \{2^{15}, 4, 6^6, 12\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4, 6^6, 12\})$	684
12	$\mathcal{O}(0; \{2^7, 3^6, 4, 6^6, 12\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^9, 4, 6^6, 12\})$	43692
12	$\mathcal{O}(0; \{2^{12}, 4^3, 6^6, 12\})$	336
12	$\mathcal{O}(0; \{2^8, 3^3, 4^3, 6^6, 12\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^6, 4^3, 6^6, 12\})$	21840
12	$\mathcal{O}(0; \{3^9, 4^3, 6^6, 12\})$	174768
12	$\mathcal{O}(0; \{2^9, 4^5, 6^6, 12\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^3, 4^5, 6^6, 12\})$	10944
12	$\mathcal{O}(0; \{2, 3^6, 4^5, 6^6, 12\})$	87360
12	$\mathcal{O}(0; \{2^6, 4^7, 6^6, 12\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^3, 4^7, 6^6, 12\})$	43776
12	$\mathcal{O}(0; \{2^3, 4^9, 6^6, 12\})$	21504
12	$\mathcal{O}(0; \{4^{11}, 6^6, 12\})$	86016
12	$\mathcal{O}(0; \{2^{12}, 3, 4, 6^7, 12\})$	340
12	$\mathcal{O}(0; \{2^8, 3^4, 4, 6^7, 12\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^7, 4, 6^7, 12\})$	21844
12	$\mathcal{O}(0; \{3^{10}, 4, 6^7, 12\})$	174764
12	$\mathcal{O}(0; \{2^9, 3, 4^3, 6^7, 12\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^4, 4^3, 6^7, 12\})$	10928
12	$\mathcal{O}(0; \{2, 3^7, 4^3, 6^7, 12\})$	87376
12	$\mathcal{O}(0; \{2^6, 3, 4^5, 6^7, 12\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^4, 4^5, 6^7, 12\})$	43712
12	$\mathcal{O}(0; \{2^3, 3, 4^7, 6^7, 12\})$	21760
12	$\mathcal{O}(0; \{3, 4^9, 6^7, 12\})$	87040
12	$\mathcal{O}(0; \{2^9, 3^2, 4, 6^8, 12\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^5, 4, 6^8, 12\})$	10924
12	$\mathcal{O}(0; \{2, 3^8, 4, 6^8, 12\})$	87380
12	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 6^8, 12\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 6^8, 12\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 6^8, 12\})$	21824
12	$\mathcal{O}(0; \{3^2, 4^7, 6^8, 12\})$	87296
12	$\mathcal{O}(0; \{2^{10}, 4, 6^9, 12\})$	684
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 6^9, 12\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 6^9, 12\})$	43692

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^7, 4^3, 6^9, 12\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6^9, 12\})$	21840
12	$\mathcal{O}(0; \{2^4, 4^5, 6^9, 12\})$	10944
12	$\mathcal{O}(0; \{3^3, 4^5, 6^9, 12\})$	87360
12	$\mathcal{O}(0; \{2, 4^7, 6^9, 12\})$	43776
12	$\mathcal{O}(0; \{2^7, 3, 4, 6^{10}, 12\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^{10}, 12\})$	21844
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^{10}, 12\})$	10928
12	$\mathcal{O}(0; \{3^4, 4^3, 6^{10}, 12\})$	87376
12	$\mathcal{O}(0; \{2, 3, 4^5, 6^{10}, 12\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^{11}, 12\})$	10924
12	$\mathcal{O}(0; \{3^5, 4, 6^{11}, 12\})$	87380
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^{11}, 12\})$	43696
12	$\mathcal{O}(0; \{2^5, 4, 6^{12}, 12\})$	5460
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^{12}, 12\})$	43692
12	$\mathcal{O}(0; \{2^2, 4^3, 6^{12}, 12\})$	21840
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^{13}, 12\})$	21844
12	$\mathcal{O}(0; \{4, 6^{15}, 12\})$	43692
12	$\mathcal{O}(0; \{2^{22}, 3^2, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{18}, 3^5, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{14}, 3^8, 12^2\})$	684
12	$\mathcal{O}(0; \{2^{10}, 3^{11}, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^6, 3^{14}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^2, 3^{17}, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{19}, 3^2, 4^2, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{15}, 3^5, 4^2, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^8, 4^2, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^{11}, 4^2, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{14}, 4^2, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^4, 12^2\})$	192
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^4, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^8, 4^4, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^4, 12^2\})$	87360
12	$\mathcal{O}(0; \{3^{14}, 4^4, 12^2\})$	699072
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^6, 12^2\})$	768
12	$\mathcal{O}(0; \{2^9, 3^5, 4^6, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^8, 4^6, 12^2\})$	43776
12	$\mathcal{O}(0; \{2, 3^{11}, 4^6, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^8, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^6, 3^5, 4^8, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^8, 4^8, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^7, 3^2, 4^{10}, 12^2\})$	12288
12	$\mathcal{O}(0; \{2^3, 3^5, 4^{10}, 12^2\})$	86016

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{12}, 12^2\})$	49152
12	$\mathcal{O}(0; \{3^5, 4^{12}, 12^2\})$	344064
12	$\mathcal{O}(0; \{2, 3^2, 4^{14}, 12^2\})$	196608
12	$\mathcal{O}(0; \{2^{23}, 6, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{19}, 3^3, 6, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{15}, 3^6, 6, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{11}, 3^9, 6, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^7, 3^{12}, 6, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^{15}, 6, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{20}, 4^2, 6, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^2, 6, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^2, 6, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^9, 4^2, 6, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^2, 6, 12^2\})$	87376
12	$\mathcal{O}(0; \{3^{15}, 4^2, 6, 12^2\})$	699056
12	$\mathcal{O}(0; \{2^{17}, 4^4, 6, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^4, 6, 12^2\})$	704
12	$\mathcal{O}(0; \{2^9, 3^6, 4^4, 6, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^9, 4^4, 6, 12^2\})$	43712
12	$\mathcal{O}(0; \{2, 3^{12}, 4^4, 6, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^{14}, 4^6, 6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^6, 6, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^6, 4^6, 6, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^9, 4^6, 6, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^{11}, 4^8, 6, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^7, 3^3, 4^8, 6, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^6, 4^8, 6, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^8, 4^{10}, 6, 12^2\})$	4096
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{10}, 6, 12^2\})$	45056
12	$\mathcal{O}(0; \{3^6, 4^{10}, 6, 12^2\})$	348160
12	$\mathcal{O}(0; \{2^5, 4^{12}, 6, 12^2\})$	16384
12	$\mathcal{O}(0; \{2, 3^3, 4^{12}, 6, 12^2\})$	180224
12	$\mathcal{O}(0; \{2^2, 4^{14}, 6, 12^2\})$	65536
12	$\mathcal{O}(0; \{2^{20}, 3, 6^2, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{16}, 3^4, 6^2, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{12}, 3^7, 6^2, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^{10}, 6^2, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^{13}, 6^2, 12^2\})$	87380
12	$\mathcal{O}(0; \{3^{16}, 6^2, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^{17}, 3, 4^2, 6^2, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^2, 6^2, 12^2\})$	688
12	$\mathcal{O}(0; \{2^9, 3^7, 4^2, 6^2, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^2, 6^2, 12^2\})$	43696

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^{13}, 4^2, 6^2, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{14}, 3, 4^4, 6^2, 12^2\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^4, 6^2, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^7, 4^4, 6^2, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^4, 6^2, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^{11}, 3, 4^6, 6^2, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^4, 4^6, 6^2, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^7, 4^6, 6^2, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^8, 3, 4^8, 6^2, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^4, 3^4, 4^8, 6^2, 12^2\})$	44032
12	$\mathcal{O}(0; \{3^7, 4^8, 6^2, 12^2\})$	349184
12	$\mathcal{O}(0; \{2^5, 3, 4^{10}, 6^2, 12^2\})$	20480
12	$\mathcal{O}(0; \{2, 3^4, 4^{10}, 6^2, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^2, 3, 4^{12}, 6^2, 12^2\})$	81920
12	$\mathcal{O}(0; \{2^{17}, 3^2, 6^3, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^5, 6^3, 12^2\})$	684
12	$\mathcal{O}(0; \{2^9, 3^8, 6^3, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^{11}, 6^3, 12^2\})$	43692
12	$\mathcal{O}(0; \{2, 3^{14}, 6^3, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^2, 6^3, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^2, 6^3, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^8, 4^2, 6^3, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^2, 6^3, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^4, 6^3, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^5, 4^4, 6^3, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^8, 4^4, 6^3, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^8, 3^2, 4^6, 6^3, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^5, 4^6, 6^3, 12^2\})$	43776
12	$\mathcal{O}(0; \{3^8, 4^6, 6^3, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^5, 3^2, 4^8, 6^3, 12^2\})$	21504
12	$\mathcal{O}(0; \{2, 3^5, 4^8, 6^3, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{10}, 6^3, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^{18}, 6^4, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{14}, 3^3, 6^4, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^6, 6^4, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^9, 6^4, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{12}, 6^4, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{15}, 4^2, 6^4, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^2, 6^4, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^6, 4^2, 6^4, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^9, 4^2, 6^4, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^{12}, 4^4, 6^4, 12^2\})$	704
12	$\mathcal{O}(0; \{2^8, 3^3, 4^4, 6^4, 12^2\})$	5440

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^6, 4^4, 6^4, 12^2\})$	43712
12	$\mathcal{O}(0; \{3^9, 4^4, 6^4, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^9, 4^6, 6^4, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^3, 4^6, 6^4, 12^2\})$	21760
12	$\mathcal{O}(0; \{2, 3^6, 4^6, 6^4, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^6, 4^8, 6^4, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^3, 4^8, 6^4, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^3, 4^{10}, 6^4, 12^2\})$	45056
12	$\mathcal{O}(0; \{4^{12}, 6^4, 12^2\})$	180224
12	$\mathcal{O}(0; \{2^{15}, 3, 6^5, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^4, 6^5, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^7, 6^5, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{10}, 6^5, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{12}, 3, 4^2, 6^5, 12^2\})$	688
12	$\mathcal{O}(0; \{2^8, 3^4, 4^2, 6^5, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^7, 4^2, 6^5, 12^2\})$	43696
12	$\mathcal{O}(0; \{3^{10}, 4^2, 6^5, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^9, 3, 4^4, 6^5, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^4, 4^4, 6^5, 12^2\})$	21824
12	$\mathcal{O}(0; \{2, 3^7, 4^4, 6^5, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^6, 3, 4^6, 6^5, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^4, 4^6, 6^5, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^3, 3, 4^8, 6^5, 12^2\})$	44032
12	$\mathcal{O}(0; \{3, 4^{10}, 6^5, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^{12}, 3^2, 6^6, 12^2\})$	684
12	$\mathcal{O}(0; \{2^8, 3^5, 6^6, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^8, 6^6, 12^2\})$	43692
12	$\mathcal{O}(0; \{3^{11}, 6^6, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^9, 3^2, 4^2, 6^6, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^5, 4^2, 6^6, 12^2\})$	21840
12	$\mathcal{O}(0; \{2, 3^8, 4^2, 6^6, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^6, 3^2, 4^4, 6^6, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^5, 4^4, 6^6, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^2, 4^6, 6^6, 12^2\})$	43776
12	$\mathcal{O}(0; \{3^2, 4^8, 6^6, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^{13}, 6^7, 12^2\})$	340
12	$\mathcal{O}(0; \{2^9, 3^3, 6^7, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^6, 6^7, 12^2\})$	21844
12	$\mathcal{O}(0; \{2, 3^9, 6^7, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{10}, 4^2, 6^7, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 6^7, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 6^7, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^7, 4^4, 6^7, 12^2\})$	5440

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 6^7, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^4, 4^6, 6^7, 12^2\})$	21760
12	$\mathcal{O}(0; \{3^3, 4^6, 6^7, 12^2\})$	174848
12	$\mathcal{O}(0; \{2, 4^8, 6^7, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^{10}, 3, 6^8, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^4, 6^8, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^7, 6^8, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 6^8, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6^8, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 6^8, 12^2\})$	21824
12	$\mathcal{O}(0; \{3^4, 4^4, 6^8, 12^2\})$	174784
12	$\mathcal{O}(0; \{2, 3, 4^6, 6^8, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^7, 3^2, 6^9, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^5, 6^9, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^9, 12^2\})$	21840
12	$\mathcal{O}(0; \{3^5, 4^2, 6^9, 12^2\})$	174768
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^9, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^8, 6^{10}, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^3, 6^{10}, 12^2\})$	21844
12	$\mathcal{O}(0; \{3^6, 6^{10}, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^5, 4^2, 6^{10}, 12^2\})$	10928
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^{10}, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^2, 4^4, 6^{10}, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^5, 3, 6^{11}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2, 3^4, 6^{11}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^{11}, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^2, 6^{12}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^3, 6^{13}, 12^2\})$	21844
12	$\mathcal{O}(0; \{4^2, 6^{13}, 12^2\})$	87376
12	$\mathcal{O}(0; \{3, 6^{14}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{20}, 3, 4, 12^3\})$	48
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4, 12^3\})$	174768
12	$\mathcal{O}(0; \{3^{16}, 4, 12^3\})$	1398096
12	$\mathcal{O}(0; \{2^{17}, 3, 4^3, 12^3\})$	192
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^3, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^7, 4^3, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^3, 12^3\})$	87360
12	$\mathcal{O}(0; \{2, 3^{13}, 4^3, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^{14}, 3, 4^5, 12^3\})$	768
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^5, 12^3\})$	5376

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3^7, 4^5, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^5, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^{11}, 3, 4^7, 12^3\})$	3072
12	$\mathcal{O}(0; \{2^7, 3^4, 4^7, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^7, 4^7, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^8, 3, 4^9, 12^3\})$	12288
12	$\mathcal{O}(0; \{2^4, 3^4, 4^9, 12^3\})$	86016
12	$\mathcal{O}(0; \{3^7, 4^9, 12^3\})$	700416
12	$\mathcal{O}(0; \{2^5, 3, 4^{11}, 12^3\})$	49152
12	$\mathcal{O}(0; \{2, 3^4, 4^{11}, 12^3\})$	344064
12	$\mathcal{O}(0; \{2^2, 3, 4^{13}, 12^3\})$	196608
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4, 6, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4, 6, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^8, 4, 6, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4, 6, 12^3\})$	87376
12	$\mathcal{O}(0; \{2, 3^{14}, 4, 6, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^3, 6, 12^3\})$	704
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^3, 6, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^8, 4^3, 6, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^3, 6, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^5, 6, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^5, 4^5, 6, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^8, 4^5, 6, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^8, 3^2, 4^7, 6, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^5, 4^7, 6, 12^3\})$	87040
12	$\mathcal{O}(0; \{3^8, 4^7, 6, 12^3\})$	699392
12	$\mathcal{O}(0; \{2^5, 3^2, 4^9, 6, 12^3\})$	45056
12	$\mathcal{O}(0; \{2, 3^5, 4^9, 6, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{11}, 6, 12^3\})$	180224
12	$\mathcal{O}(0; \{2^{18}, 4, 6^2, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4, 6^2, 12^3\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4, 6^2, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^9, 4, 6^2, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4, 6^2, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{15}, 4^3, 6^2, 12^3\})$	320
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^3, 6^2, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^6, 4^3, 6^2, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^9, 4^3, 6^2, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^{12}, 4^5, 6^2, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^8, 3^3, 4^5, 6^2, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^6, 4^5, 6^2, 12^3\})$	87296
12	$\mathcal{O}(0; \{3^9, 4^5, 6^2, 12^3\})$	699136
12	$\mathcal{O}(0; \{2^9, 4^7, 6^2, 12^3\})$	5120

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^3, 4^7, 6^2, 12^3\})$	44032
12	$\mathcal{O}(0; \{2, 3^6, 4^7, 6^2, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^6, 4^9, 6^2, 12^3\})$	20480
12	$\mathcal{O}(0; \{2^2, 3^3, 4^9, 6^2, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^3, 4^{11}, 6^2, 12^3\})$	81920
12	$\mathcal{O}(0; \{4^{13}, 6^2, 12^3\})$	327680
12	$\mathcal{O}(0; \{2^{15}, 3, 4, 6^3, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4, 6^3, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^7, 4, 6^3, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4, 6^3, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{12}, 3, 4^3, 6^3, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^4, 4^3, 6^3, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^7, 4^3, 6^3, 12^3\})$	87360
12	$\mathcal{O}(0; \{3^{10}, 4^3, 6^3, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^9, 3, 4^5, 6^3, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^4, 4^5, 6^3, 12^3\})$	43776
12	$\mathcal{O}(0; \{2, 3^7, 4^5, 6^3, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^6, 3, 4^7, 6^3, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^4, 4^7, 6^3, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^3, 3, 4^9, 6^3, 12^3\})$	86016
12	$\mathcal{O}(0; \{3, 4^{11}, 6^3, 12^3\})$	344064
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4, 6^4, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^5, 4, 6^4, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^8, 4, 6^4, 12^3\})$	87376
12	$\mathcal{O}(0; \{3^{11}, 4, 6^4, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^9, 3^2, 4^3, 6^4, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^5, 4^3, 6^4, 12^3\})$	43712
12	$\mathcal{O}(0; \{2, 3^8, 4^3, 6^4, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^6, 3^2, 4^5, 6^4, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^5, 4^5, 6^4, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^2, 4^7, 6^4, 12^3\})$	87040
12	$\mathcal{O}(0; \{3^2, 4^9, 6^4, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^{13}, 4, 6^5, 12^3\})$	688
12	$\mathcal{O}(0; \{2^9, 3^3, 4, 6^5, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^6, 4, 6^5, 12^3\})$	43696
12	$\mathcal{O}(0; \{2, 3^9, 4, 6^5, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{10}, 4^3, 6^5, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^3, 4^3, 6^5, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^6, 4^3, 6^5, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^7, 4^5, 6^5, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^3, 4^5, 6^5, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^4, 4^7, 6^5, 12^3\})$	44032
12	$\mathcal{O}(0; \{3^3, 4^7, 6^5, 12^3\})$	349184

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 4^9, 6^5, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^{10}, 3, 4, 6^6, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^4, 4, 6^6, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^7, 4, 6^6, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^7, 3, 4^3, 6^6, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 6^6, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^4, 3, 4^5, 6^6, 12^3\})$	43776
12	$\mathcal{O}(0; \{3^4, 4^5, 6^6, 12^3\})$	349440
12	$\mathcal{O}(0; \{2, 3, 4^7, 6^6, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 6^7, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 6^7, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6^7, 12^3\})$	43712
12	$\mathcal{O}(0; \{3^5, 4^3, 6^7, 12^3\})$	349504
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 6^7, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^8, 4, 6^8, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^8, 12^3\})$	43696
12	$\mathcal{O}(0; \{3^6, 4, 6^8, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^5, 4^3, 6^8, 12^3\})$	21824
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^8, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^2, 4^5, 6^8, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^9, 12^3\})$	21840
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^9, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^9, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^{10}, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^3, 4, 6^{11}, 12^3\})$	43696
12	$\mathcal{O}(0; \{4^3, 6^{11}, 12^3\})$	174784
12	$\mathcal{O}(0; \{3, 4, 6^{12}, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{21}, 12^4\})$	48
12	$\mathcal{O}(0; \{2^{17}, 3^3, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{13}, 3^6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^9, 3^9, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^5, 3^{12}, 12^4\})$	174768
12	$\mathcal{O}(0; \{2, 3^{15}, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^{18}, 4^2, 12^4\})$	192
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^2, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^2, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^9, 4^2, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^2, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^{15}, 4^4, 12^4\})$	768
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^4, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^7, 3^6, 4^4, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^9, 4^4, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^{12}, 4^6, 12^4\})$	3072

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^8, 3^3, 4^6, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^6, 4^6, 12^4\})$	175104
12	$\mathcal{O}(0; \{3^9, 4^6, 12^4\})$	1397760
12	$\mathcal{O}(0; \{2^9, 4^8, 12^4\})$	12288
12	$\mathcal{O}(0; \{2^5, 3^3, 4^8, 12^4\})$	86016
12	$\mathcal{O}(0; \{2, 3^6, 4^8, 12^4\})$	700416
12	$\mathcal{O}(0; \{2^6, 4^{10}, 12^4\})$	49152
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{10}, 12^4\})$	344064
12	$\mathcal{O}(0; \{2^3, 4^{12}, 12^4\})$	196608
12	$\mathcal{O}(0; \{4^{14}, 12^4\})$	786432
12	$\mathcal{O}(0; \{2^{18}, 3, 6, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{14}, 3^4, 6, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^{10}, 3^7, 6, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^6, 3^{10}, 6, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^{13}, 6, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{15}, 3, 4^2, 6, 12^4\})$	704
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^2, 6, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^7, 4^2, 6, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^2, 6, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^{12}, 3, 4^4, 6, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^8, 3^4, 4^4, 6, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^7, 4^4, 6, 12^4\})$	174848
12	$\mathcal{O}(0; \{3^{10}, 4^4, 6, 12^4\})$	1398016
12	$\mathcal{O}(0; \{2^9, 3, 4^6, 6, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^5, 3^4, 4^6, 6, 12^4\})$	87040
12	$\mathcal{O}(0; \{2, 3^7, 4^6, 6, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^6, 3, 4^8, 6, 12^4\})$	45056
12	$\mathcal{O}(0; \{2^2, 3^4, 4^8, 6, 12^4\})$	348160
12	$\mathcal{O}(0; \{2^3, 3, 4^{10}, 6, 12^4\})$	180224
12	$\mathcal{O}(0; \{3, 4^{12}, 6, 12^4\})$	720896
12	$\mathcal{O}(0; \{2^{15}, 3^2, 6^2, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{11}, 3^5, 6^2, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^8, 6^2, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^{11}, 6^2, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^2, 6^2, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^5, 4^2, 6^2, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^8, 4^2, 6^2, 12^4\})$	174784
12	$\mathcal{O}(0; \{3^{11}, 4^2, 6^2, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^9, 3^2, 4^4, 6^2, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^5, 4^4, 6^2, 12^4\})$	87296
12	$\mathcal{O}(0; \{2, 3^8, 4^4, 6^2, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^6, 3^2, 4^6, 6^2, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^5, 4^6, 6^2, 12^4\})$	349184

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^2, 4^8, 6^2, 12^4\})$	176128
12	$\mathcal{O}(0; \{3^2, 4^{10}, 6^2, 12^4\})$	704512
12	$\mathcal{O}(0; \{2^{16}, 6^3, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{12}, 3^3, 6^3, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^6, 6^3, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^9, 6^3, 12^4\})$	174768
12	$\mathcal{O}(0; \{3^{12}, 6^3, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^{13}, 4^2, 6^3, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^3, 4^2, 6^3, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^6, 4^2, 6^3, 12^4\})$	87360
12	$\mathcal{O}(0; \{2, 3^9, 4^2, 6^3, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^{10}, 4^4, 6^3, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^3, 4^4, 6^3, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^6, 4^4, 6^3, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^7, 4^6, 6^3, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^3, 4^6, 6^3, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^4, 4^8, 6^3, 12^4\})$	86016
12	$\mathcal{O}(0; \{3^3, 4^8, 6^3, 12^4\})$	700416
12	$\mathcal{O}(0; \{2, 4^{10}, 6^3, 12^4\})$	344064
12	$\mathcal{O}(0; \{2^{13}, 3, 6^4, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^4, 6^4, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^7, 6^4, 12^4\})$	87376
12	$\mathcal{O}(0; \{2, 3^{10}, 6^4, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{10}, 3, 4^2, 6^4, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^4, 4^2, 6^4, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^7, 4^2, 6^4, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^7, 3, 4^4, 6^4, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^4, 4^4, 6^4, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^4, 3, 4^6, 6^4, 12^4\})$	87040
12	$\mathcal{O}(0; \{3^4, 4^6, 6^4, 12^4\})$	699392
12	$\mathcal{O}(0; \{2, 3, 4^8, 6^4, 12^4\})$	348160
12	$\mathcal{O}(0; \{2^{10}, 3^2, 6^5, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^5, 6^5, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^8, 6^5, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 6^5, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 6^5, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 6^5, 12^4\})$	87296
12	$\mathcal{O}(0; \{3^5, 4^4, 6^5, 12^4\})$	699136
12	$\mathcal{O}(0; \{2, 3^2, 4^6, 6^5, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^{11}, 6^6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^3, 6^6, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^6, 6^6, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^8, 4^2, 6^6, 12^4\})$	10944

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6^6, 12^4\})$	87360
12	$\mathcal{O}(0; \{3^6, 4^2, 6^6, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^5, 4^4, 6^6, 12^4\})$	43776
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 6^6, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^2, 4^6, 6^6, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^8, 3, 6^7, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^4, 6^7, 12^4\})$	87376
12	$\mathcal{O}(0; \{3^7, 6^7, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^7, 12^4\})$	43712
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^7, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^7, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^5, 3^2, 6^8, 12^4\})$	43696
12	$\mathcal{O}(0; \{2, 3^5, 6^8, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^8, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^6, 6^9, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^3, 6^9, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^3, 4^2, 6^9, 12^4\})$	87360
12	$\mathcal{O}(0; \{4^4, 6^9, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^3, 3, 6^{10}, 12^4\})$	87376
12	$\mathcal{O}(0; \{3, 4^2, 6^{10}, 12^4\})$	349504
12	$\mathcal{O}(0; \{3^2, 6^{11}, 12^4\})$	349520
12	$\mathcal{O}(0; \{2, 6^{12}, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^8, 4, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^3, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^8, 3^5, 4^3, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^8, 4^3, 12^5\})$	349440
12	$\mathcal{O}(0; \{3^{11}, 4^3, 12^5\})$	2796288
12	$\mathcal{O}(0; \{2^9, 3^2, 4^5, 12^5\})$	21504
12	$\mathcal{O}(0; \{2^5, 3^5, 4^5, 12^5\})$	175104
12	$\mathcal{O}(0; \{2, 3^8, 4^5, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^6, 3^2, 4^7, 12^5\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^5, 4^7, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^3, 3^2, 4^9, 12^5\})$	344064
12	$\mathcal{O}(0; \{3^2, 4^{11}, 12^5\})$	1376256
12	$\mathcal{O}(0; \{2^{16}, 4, 6, 12^5\})$	704
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4, 6, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^6, 4, 6, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^9, 4, 6, 12^5\})$	349504
12	$\mathcal{O}(0; \{3^{12}, 4, 6, 12^5\})$	2796224
12	$\mathcal{O}(0; \{2^{13}, 4^3, 6, 12^5\})$	2816

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^9, 3^3, 4^3, 6, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^6, 4^3, 6, 12^5\})$	174848
12	$\mathcal{O}(0; \{2, 3^9, 4^3, 6, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^{10}, 4^5, 6, 12^5\})$	11264
12	$\mathcal{O}(0; \{2^6, 3^3, 4^5, 6, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^6, 4^5, 6, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^7, 4^7, 6, 12^5\})$	45056
12	$\mathcal{O}(0; \{2^3, 3^3, 4^7, 6, 12^5\})$	348160
12	$\mathcal{O}(0; \{2^4, 4^9, 6, 12^5\})$	180224
12	$\mathcal{O}(0; \{3^3, 4^9, 6, 12^5\})$	1392640
12	$\mathcal{O}(0; \{2, 4^{11}, 6, 12^5\})$	720896
12	$\mathcal{O}(0; \{2^{13}, 3, 4, 6^2, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^9, 3^4, 4, 6^2, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^7, 4, 6^2, 12^5\})$	174784
12	$\mathcal{O}(0; \{2, 3^{10}, 4, 6^2, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^{10}, 3, 4^3, 6^2, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^4, 4^3, 6^2, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^7, 4^3, 6^2, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^7, 3, 4^5, 6^2, 12^5\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^4, 4^5, 6^2, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^4, 3, 4^7, 6^2, 12^5\})$	176128
12	$\mathcal{O}(0; \{3^4, 4^7, 6^2, 12^5\})$	1396736
12	$\mathcal{O}(0; \{2, 3, 4^9, 6^2, 12^5\})$	704512
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4, 6^3, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^5, 4, 6^3, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^8, 4, 6^3, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^7, 3^2, 4^3, 6^3, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^5, 4^3, 6^3, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^4, 3^2, 4^5, 6^3, 12^5\})$	175104
12	$\mathcal{O}(0; \{3^5, 4^5, 6^3, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2, 3^2, 4^7, 6^3, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^{11}, 4, 6^4, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 6^4, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 6^4, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^8, 4^3, 6^4, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 6^4, 12^5\})$	174848
12	$\mathcal{O}(0; \{3^6, 4^3, 6^4, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^5, 4^5, 6^4, 12^5\})$	87040
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 6^4, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^2, 4^7, 6^4, 12^5\})$	348160
12	$\mathcal{O}(0; \{2^8, 3, 4, 6^5, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6^5, 12^5\})$	174784
12	$\mathcal{O}(0; \{3^7, 4, 6^5, 12^5\})$	1398080

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 6^5, 12^5\})$	87296
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6^5, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6^5, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^6, 12^5\})$	87360
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^6, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^6, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^6, 4, 6^7, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^7, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^3, 4^3, 6^7, 12^5\})$	174848
12	$\mathcal{O}(0; \{4^5, 6^7, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^8, 12^5\})$	174784
12	$\mathcal{O}(0; \{3, 4^3, 6^8, 12^5\})$	699136
12	$\mathcal{O}(0; \{3^2, 4, 6^9, 12^5\})$	699072
12	$\mathcal{O}(0; \{2, 4, 6^{10}, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^{16}, 3, 12^6\})$	1344
12	$\mathcal{O}(0; \{2^{12}, 3^4, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^8, 3^7, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^{10}, 12^6\})$	699072
12	$\mathcal{O}(0; \{3^{13}, 12^6\})$	5592384
12	$\mathcal{O}(0; \{2^{13}, 3, 4^2, 12^6\})$	5376
12	$\mathcal{O}(0; \{2^9, 3^4, 4^2, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^7, 4^2, 12^6\})$	349440
12	$\mathcal{O}(0; \{2, 3^{10}, 4^2, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^{10}, 3, 4^4, 12^6\})$	21504
12	$\mathcal{O}(0; \{2^6, 3^4, 4^4, 12^6\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^7, 4^4, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^7, 3, 4^6, 12^6\})$	86016
12	$\mathcal{O}(0; \{2^3, 3^4, 4^6, 12^6\})$	700416
12	$\mathcal{O}(0; \{2^4, 3, 4^8, 12^6\})$	344064
12	$\mathcal{O}(0; \{3^4, 4^8, 12^6\})$	2801664
12	$\mathcal{O}(0; \{2, 3, 4^{10}, 12^6\})$	1376256
12	$\mathcal{O}(0; \{2^{13}, 3^2, 6, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^9, 3^5, 6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^8, 6, 12^6\})$	349504
12	$\mathcal{O}(0; \{2, 3^{11}, 6, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^2, 6, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^5, 4^2, 6, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^8, 4^2, 6, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^7, 3^2, 4^4, 6, 12^6\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^5, 4^4, 6, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^4, 3^2, 4^6, 6, 12^6\})$	348160
12	$\mathcal{O}(0; \{3^5, 4^6, 6, 12^6\})$	2797568
12	$\mathcal{O}(0; \{2, 3^2, 4^8, 6, 12^6\})$	1392640

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{14}, 6^2, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^{10}, 3^3, 6^2, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^6, 6^2, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^9, 6^2, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^{11}, 4^2, 6^2, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 6^2, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 6^2, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^8, 4^4, 6^2, 12^6\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 6^2, 12^6\})$	349184
12	$\mathcal{O}(0; \{3^6, 4^4, 6^2, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2^5, 4^6, 6^2, 12^6\})$	176128
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 6^2, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^2, 4^8, 6^2, 12^6\})$	704512
12	$\mathcal{O}(0; \{2^{11}, 3, 6^3, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^4, 6^3, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^7, 6^3, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6^3, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6^3, 12^6\})$	349440
12	$\mathcal{O}(0; \{3^7, 4^2, 6^3, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6^3, 12^6\})$	175104
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6^3, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 6^3, 12^6\})$	700416
12	$\mathcal{O}(0; \{2^8, 3^2, 6^4, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^5, 6^4, 12^6\})$	349504
12	$\mathcal{O}(0; \{3^8, 6^4, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^4, 12^6\})$	174848
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^4, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^4, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^9, 6^5, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^3, 6^5, 12^6\})$	174784
12	$\mathcal{O}(0; \{2, 3^6, 6^5, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^6, 4^2, 6^5, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^5, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^3, 4^4, 6^5, 12^6\})$	349184
12	$\mathcal{O}(0; \{4^6, 6^5, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^6, 3, 6^6, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^4, 6^6, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^6, 12^6\})$	349440
12	$\mathcal{O}(0; \{3, 4^4, 6^6, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^3, 3^2, 6^7, 12^6\})$	349504
12	$\mathcal{O}(0; \{3^2, 4^2, 6^7, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^4, 6^8, 12^6\})$	174784
12	$\mathcal{O}(0; \{3^3, 6^8, 12^6\})$	1398080

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 4^2, 6^8, 12^6\})$	699136
12	$\mathcal{O}(0; \{2, 3, 6^9, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^{14}, 4, 12^7\})$	5376
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^6, 4, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^9, 4, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^{11}, 4^3, 12^7\})$	21504
12	$\mathcal{O}(0; \{2^7, 3^3, 4^3, 12^7\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^6, 4^3, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^8, 4^5, 12^7\})$	86016
12	$\mathcal{O}(0; \{2^4, 3^3, 4^5, 12^7\})$	700416
12	$\mathcal{O}(0; \{3^6, 4^5, 12^7\})$	5591040
12	$\mathcal{O}(0; \{2^5, 4^7, 12^7\})$	344064
12	$\mathcal{O}(0; \{2, 3^3, 4^7, 12^7\})$	2801664
12	$\mathcal{O}(0; \{2^2, 4^9, 12^7\})$	1376256
12	$\mathcal{O}(0; \{2^{11}, 3, 4, 6, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^7, 3^4, 4, 6, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^7, 4, 6, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^8, 3, 4^3, 6, 12^7\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^4, 4^3, 6, 12^7\})$	699392
12	$\mathcal{O}(0; \{3^7, 4^3, 6, 12^7\})$	5592064
12	$\mathcal{O}(0; \{2^5, 3, 4^5, 6, 12^7\})$	348160
12	$\mathcal{O}(0; \{2, 3^4, 4^5, 6, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2^2, 3, 4^7, 6, 12^7\})$	1392640
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 6^2, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 6^2, 12^7\})$	699136
12	$\mathcal{O}(0; \{3^8, 4, 6^2, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 6^2, 12^7\})$	349184
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 6^2, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 6^2, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2^9, 4, 6^3, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6^3, 12^7\})$	349440
12	$\mathcal{O}(0; \{2, 3^6, 4, 6^3, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^6, 4^3, 6^3, 12^7\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6^3, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^3, 4^5, 6^3, 12^7\})$	700416
12	$\mathcal{O}(0; \{4^7, 6^3, 12^7\})$	2801664
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^4, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^4, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^4, 12^7\})$	699392
12	$\mathcal{O}(0; \{3, 4^5, 6^4, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^5, 12^7\})$	699136
12	$\mathcal{O}(0; \{3^2, 4^3, 6^5, 12^7\})$	2796544

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 4, 6^6, 12^7\})$	349440
12	$\mathcal{O}(0; \{3^3, 4, 6^6, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2, 4^3, 6^6, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2, 3, 4, 6^7, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^{11}, 3^2, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^7, 3^5, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^8, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 12^8\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 12^8\})$	1397760
12	$\mathcal{O}(0; \{3^8, 4^2, 12^8\})$	11185152
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 12^8\})$	700416
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 12^8\})$	2801664
12	$\mathcal{O}(0; \{2^{12}, 6, 12^8\})$	21760
12	$\mathcal{O}(0; \{2^8, 3^3, 6, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^6, 6, 12^8\})$	1398016
12	$\mathcal{O}(0; \{3^9, 6, 12^8\})$	11184896
12	$\mathcal{O}(0; \{2^9, 4^2, 6, 12^8\})$	87040
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6, 12^8\})$	699392
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2^6, 4^4, 6, 12^8\})$	348160
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2^3, 4^6, 6, 12^8\})$	1392640
12	$\mathcal{O}(0; \{4^8, 6, 12^8\})$	5570560
12	$\mathcal{O}(0; \{2^9, 3, 6^2, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^4, 6^2, 12^8\})$	699136
12	$\mathcal{O}(0; \{2, 3^7, 6^2, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^2, 12^8\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^2, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^2, 12^8\})$	1396736
12	$\mathcal{O}(0; \{3, 4^6, 6^2, 12^8\})$	5586944
12	$\mathcal{O}(0; \{2^6, 3^2, 6^3, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^5, 6^3, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^3, 12^8\})$	1397760
12	$\mathcal{O}(0; \{3^2, 4^4, 6^3, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2^7, 6^4, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^3, 6^4, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^4, 4^2, 6^4, 12^8\})$	699392
12	$\mathcal{O}(0; \{3^3, 4^2, 6^4, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2, 4^4, 6^4, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2^4, 3, 6^5, 12^8\})$	699136
12	$\mathcal{O}(0; \{3^4, 6^5, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^5, 12^8\})$	2796544

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^2, 6^6, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^2, 6^7, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^9, 3, 4, 12^9\})$	175104
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2, 3^7, 4, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 12^9\})$	700416
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 12^9\})$	5591040
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 12^9\})$	2801664
12	$\mathcal{O}(0; \{3, 4^7, 12^9\})$	11206656
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6, 12^9\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6, 12^9\})$	2797568
12	$\mathcal{O}(0; \{3^2, 4^5, 6, 12^9\})$	11190272
12	$\mathcal{O}(0; \{2^7, 4, 6^2, 12^9\})$	349184
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^2, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2^4, 4^3, 6^2, 12^9\})$	1396736
12	$\mathcal{O}(0; \{3^3, 4^3, 6^2, 12^9\})$	11186176
12	$\mathcal{O}(0; \{2, 4^5, 6^2, 12^9\})$	5586944
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^3, 12^9\})$	1397760
12	$\mathcal{O}(0; \{3^4, 4, 6^3, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^3, 12^9\})$	5591040
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^4, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^2, 4, 6^5, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2^{10}, 12^{10}\})$	175104
12	$\mathcal{O}(0; \{2^6, 3^3, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3^6, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^7, 4^2, 12^{10}\})$	700416
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{2^4, 4^4, 12^{10}\})$	2801664
12	$\mathcal{O}(0; \{3^3, 4^4, 12^{10}\})$	22364160
12	$\mathcal{O}(0; \{2, 4^6, 12^{10}\})$	11206656
12	$\mathcal{O}(0; \{2^7, 3, 6, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{2^3, 3^4, 6, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{3^4, 4^2, 6, 12^{10}\})$	22368256
12	$\mathcal{O}(0; \{2, 3, 4^4, 6, 12^{10}\})$	11190272
12	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{3^5, 6^2, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^2, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{2^5, 6^3, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2, 3^3, 6^3, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^2, 4^2, 6^3, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{2^2, 3, 6^4, 12^{10}\})$	5592064

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^6, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{3^5, 4, 12^{11}\})$	44740608
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 12^{11}\})$	22364160
12	$\mathcal{O}(0; \{2^5, 4, 6, 12^{11}\})$	2797568
12	$\mathcal{O}(0; \{2, 3^3, 4, 6, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{2^2, 4^3, 6, 12^{11}\})$	11190272
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^2, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{4, 6^4, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{2^5, 3, 12^{12}\})$	5591040
12	$\mathcal{O}(0; \{2, 3^4, 12^{12}\})$	44740608
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 12^{12}\})$	22364160
12	$\mathcal{O}(0; \{2^2, 3^2, 6, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{2^3, 6^2, 12^{12}\})$	11186176
12	$\mathcal{O}(0; \{4^2, 6^2, 12^{12}\})$	44744704
12	$\mathcal{O}(0; \{3, 6^3, 12^{12}\})$	44740608
12	$\mathcal{O}(0; \{2^3, 4, 12^{13}\})$	22364160
12	$\mathcal{O}(0; \{4^3, 12^{13}\})$	89456640
12	$\mathcal{O}(0; \{3, 4, 6, 12^{13}\})$	89473024
12	$\mathcal{O}(0; \{3^2, 12^{14}\})$	178962432
12	$\mathcal{O}(0; \{2, 6, 12^{14}\})$	89473024
13	$\mathcal{O}(2; \{13^{10}\})$	136032449226492
14	$\mathcal{O}(4; \{2^2, 7^4\})$	274496764416
14	$\mathcal{O}(4; \{7^3, 14^2\})$	1638125852160
14	$\mathcal{O}(3; \{2^6, 7^4\})$	1400493696
14	$\mathcal{O}(3; \{2^4, 7^3, 14^2\})$	8357784960
14	$\mathcal{O}(3; \{2^2, 7^2, 14^4\})$	50191886976
14	$\mathcal{O}(3; \{7, 14^6\})$	301106144640
14	$\mathcal{O}(2; \{2^{10}, 7^4\})$	7145376
14	$\mathcal{O}(2; \{2^3, 7^7, 14\})$	9217765536
14	$\mathcal{O}(2; \{2^8, 7^3, 14^2\})$	42641760
14	$\mathcal{O}(2; \{2, 7^6, 14^3\})$	55306362720
14	$\mathcal{O}(2; \{2^6, 7^2, 14^4\})$	256081056
14	$\mathcal{O}(2; \{2^4, 7, 14^6\})$	1536255840
14	$\mathcal{O}(2; \{2^2, 14^8\})$	9217765536
14	$\mathcal{O}(1; \{2^{14}, 7^4\})$	36456
14	$\mathcal{O}(1; \{2^2, 7^{11}\})$	10158317400
14	$\mathcal{O}(1; \{2^7, 7^7, 14\})$	47029416
14	$\mathcal{O}(1; \{2^{12}, 7^3, 14^2\})$	217560
14	$\mathcal{O}(1; \{7^{10}, 14^2\})$	60949905576
14	$\mathcal{O}(1; \{2^5, 7^6, 14^3\})$	282175320
14	$\mathcal{O}(1; \{2^{10}, 7^2, 14^4\})$	1306536
14	$\mathcal{O}(1; \{2^3, 7^5, 14^5\})$	1693053096

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(1; \{2^8, 7, 14^6\})$	7838040
14	$\mathcal{O}(1; \{2, 7^4, 14^7\})$	10158317400
14	$\mathcal{O}(1; \{2^6, 14^8\})$	47029416
14	$\mathcal{O}(0; \{2^{18}, 7^4\})$	186
14	$\mathcal{O}(0; \{2^6, 7^{11}\})$	51828150
14	$\mathcal{O}(0; \{2^{11}, 7^7, 14\})$	239946
14	$\mathcal{O}(0; \{2^{16}, 7^3, 14^2\})$	1110
14	$\mathcal{O}(0; \{2^4, 7^{10}, 14^2\})$	310968906
14	$\mathcal{O}(0; \{2^9, 7^6, 14^3\})$	1439670
14	$\mathcal{O}(0; \{2^{14}, 7^2, 14^4\})$	6666
14	$\mathcal{O}(0; \{2^2, 7^9, 14^4\})$	1865813430
14	$\mathcal{O}(0; \{2^7, 7^5, 14^5\})$	8638026
14	$\mathcal{O}(0; \{2^{12}, 7, 14^6\})$	39990
14	$\mathcal{O}(0; \{7^8, 14^6\})$	11194880586
14	$\mathcal{O}(0; \{2^5, 7^4, 14^7\})$	51828150
14	$\mathcal{O}(0; \{2^{10}, 14^8\})$	239946
14	$\mathcal{O}(0; \{2^3, 7^3, 14^9\})$	310968906
14	$\mathcal{O}(0; \{2, 7^2, 14^{11}\})$	1865813430
15	$\mathcal{O}(4; \{3^2, 5^3\})$	61509375000
15	$\mathcal{O}(4; \{3^3, 5, 15\})$	61509375000
15	$\mathcal{O}(4; \{15^4\})$	799621875000
15	$\mathcal{O}(3; \{3^5, 5^3\})$	1366875000
15	$\mathcal{O}(3; \{3^6, 5, 15\})$	1913625000
15	$\mathcal{O}(3; \{3, 5^4, 15^2\})$	18680625000
15	$\mathcal{O}(3; \{3^2, 5^2, 15^3\})$	23236875000
15	$\mathcal{O}(3; \{3^3, 15^4\})$	24877125000
15	$\mathcal{O}(2; \{3^8, 5^3\})$	52245000
15	$\mathcal{O}(2; \{3^2, 5^8\})$	1327185000
15	$\mathcal{O}(2; \{3^9, 5, 15\})$	69255000
15	$\mathcal{O}(2; \{3^3, 5^6, 15\})$	995085000
15	$\mathcal{O}(2; \{3^4, 5^4, 15^2\})$	913275000
15	$\mathcal{O}(2; \{3^5, 5^2, 15^3\})$	888165000
15	$\mathcal{O}(2; \{3^6, 15^4\})$	900315000
15	$\mathcal{O}(2; \{5^5, 15^4\})$	15925005000
15	$\mathcal{O}(2; \{3, 5^3, 15^5\})$	14599035000
15	$\mathcal{O}(2; \{3^2, 5, 15^6\})$	14262885000
15	$\mathcal{O}(1; \{3^{11}, 5^3\})$	1841400
15	$\mathcal{O}(1; \{3^5, 5^8\})$	29493000
15	$\mathcal{O}(1; \{3^{12}, 5, 15\})$	2457000
15	$\mathcal{O}(1; \{3^6, 5^6, 15\})$	30958200
15	$\mathcal{O}(1; \{3^7, 5^4, 15^2\})$	31365000
15	$\mathcal{O}(1; \{3, 5^9, 15^2\})$	377487000
15	$\mathcal{O}(1; \{3^8, 5^2, 15^3\})$	31303800

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(1; \{3^2, 5^7, 15^3\})$	471861000
15	$\mathcal{O}(1; \{3^9, 15^4\})$	31941000
15	$\mathcal{O}(1; \{3^3, 5^5, 15^4\})$	495444600
15	$\mathcal{O}(1; \{3^4, 5^3, 15^5\})$	501381000
15	$\mathcal{O}(1; \{3^5, 5, 15^6\})$	502702200
15	$\mathcal{O}(1; \{5^4, 15^7\})$	7927227000
15	$\mathcal{O}(1; \{3, 5^2, 15^8\})$	8021637000
15	$\mathcal{O}(1; \{3^2, 15^9\})$	8045076600
15	$\mathcal{O}(0; \{3^{14}, 5^3\})$	65544
15	$\mathcal{O}(0; \{3^8, 5^8\})$	1127288
15	$\mathcal{O}(0; \{3^2, 5^{13}\})$	26843544
15	$\mathcal{O}(0; \{3^{15}, 5, 15\})$	87384
15	$\mathcal{O}(0; \{3^9, 5^6, 15\})$	1120392
15	$\mathcal{O}(0; \{3^3, 5^{11}, 15\})$	20132664
15	$\mathcal{O}(0; \{3^{10}, 5^4, 15^2\})$	1120120
15	$\mathcal{O}(0; \{3^4, 5^9, 15^2\})$	18454920
15	$\mathcal{O}(0; \{3^{11}, 5^2, 15^3\})$	1114248
15	$\mathcal{O}(0; \{3^5, 5^7, 15^3\})$	18035576
15	$\mathcal{O}(0; \{3^{12}, 15^4\})$	1135992
15	$\mathcal{O}(0; \{3^6, 5^5, 15^4\})$	17930376
15	$\mathcal{O}(0; \{5^{10}, 15^4\})$	322122552
15	$\mathcal{O}(0; \{3^7, 5^3, 15^5\})$	17905528
15	$\mathcal{O}(0; \{3, 5^8, 15^5\})$	295278984
15	$\mathcal{O}(0; \{3^8, 5, 15^6\})$	17893512
15	$\mathcal{O}(0; \{3^2, 5^6, 15^6\})$	288568184
15	$\mathcal{O}(0; \{3^3, 5^4, 15^7\})$	286890120
15	$\mathcal{O}(0; \{3^4, 5^2, 15^8\})$	286472056
15	$\mathcal{O}(0; \{3^5, 15^9\})$	286361736
15	$\mathcal{O}(0; \{5^3, 15^{10}\})$	4590246024
15	$\mathcal{O}(0; \{3, 5, 15^{11}\})$	4583536504
16	$\mathcal{O}(4; \{2, 4, 16^2\})$	68719476736
16	$\mathcal{O}(3; \{2^5, 4, 16^2\})$	268435456
16	$\mathcal{O}(3; \{2^2, 4^3, 16^2\})$	1073741824
16	$\mathcal{O}(3; \{2^3, 8^2, 16^2\})$	2147483648
16	$\mathcal{O}(3; \{4^2, 8^2, 16^2\})$	8589934592
16	$\mathcal{O}(3; \{2, 8, 16^4\})$	34359738368
16	$\mathcal{O}(2; \{2^9, 4, 16^2\})$	1048576
16	$\mathcal{O}(2; \{2^6, 4^3, 16^2\})$	4194304
16	$\mathcal{O}(2; \{2^3, 4^5, 16^2\})$	16777216
16	$\mathcal{O}(2; \{4^7, 16^2\})$	67108864
16	$\mathcal{O}(2; \{2^7, 8^2, 16^2\})$	8388608
16	$\mathcal{O}(2; \{2^4, 4^2, 8^2, 16^2\})$	33554432
16	$\mathcal{O}(2; \{2, 4^4, 8^2, 16^2\})$	134217728

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{2^2, 4, 8^4, 16^2\})$	268435456
16	$\mathcal{O}(2; \{8^6, 16^2\})$	2147483648
16	$\mathcal{O}(2; \{2^5, 8, 16^4\})$	134217728
16	$\mathcal{O}(2; \{2^2, 4^2, 8, 16^4\})$	536870912
16	$\mathcal{O}(2; \{4, 8^3, 16^4\})$	4294967296
16	$\mathcal{O}(2; \{2^3, 16^6\})$	2147483648
16	$\mathcal{O}(2; \{4^2, 16^6\})$	8589934592
16	$\mathcal{O}(1; \{2^{13}, 4, 16^2\})$	4096
16	$\mathcal{O}(1; \{2^{10}, 4^3, 16^2\})$	16384
16	$\mathcal{O}(1; \{2^7, 4^5, 16^2\})$	65536
16	$\mathcal{O}(1; \{2^4, 4^7, 16^2\})$	262144
16	$\mathcal{O}(1; \{2, 4^9, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2^{11}, 8^2, 16^2\})$	32768
16	$\mathcal{O}(1; \{2^8, 4^2, 8^2, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^5, 4^4, 8^2, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^2, 4^6, 8^2, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2^6, 4, 8^4, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2^3, 4^3, 8^4, 16^2\})$	4194304
16	$\mathcal{O}(1; \{4^5, 8^4, 16^2\})$	16777216
16	$\mathcal{O}(1; \{2^4, 8^6, 16^2\})$	8388608
16	$\mathcal{O}(1; \{2, 4^2, 8^6, 16^2\})$	33554432
16	$\mathcal{O}(1; \{2^9, 8, 16^4\})$	524288
16	$\mathcal{O}(1; \{2^6, 4^2, 8, 16^4\})$	2097152
16	$\mathcal{O}(1; \{2^3, 4^4, 8, 16^4\})$	8388608
16	$\mathcal{O}(1; \{4^6, 8, 16^4\})$	33554432
16	$\mathcal{O}(1; \{2^4, 4, 8^3, 16^4\})$	16777216
16	$\mathcal{O}(1; \{2, 4^3, 8^3, 16^4\})$	67108864
16	$\mathcal{O}(1; \{2^2, 8^5, 16^4\})$	134217728
16	$\mathcal{O}(1; \{2^7, 16^6\})$	8388608
16	$\mathcal{O}(1; \{2^4, 4^2, 16^6\})$	33554432
16	$\mathcal{O}(1; \{2, 4^4, 16^6\})$	134217728
16	$\mathcal{O}(1; \{2^2, 4, 8^2, 16^6\})$	268435456
16	$\mathcal{O}(1; \{8^4, 16^6\})$	2147483648
16	$\mathcal{O}(1; \{4, 8, 16^8\})$	4294967296
16	$\mathcal{O}(0; \{2^{17}, 4, 16^2\})$	16
16	$\mathcal{O}(0; \{2^{14}, 4^3, 16^2\})$	64
16	$\mathcal{O}(0; \{2^{11}, 4^5, 16^2\})$	256
16	$\mathcal{O}(0; \{2^8, 4^7, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^5, 4^9, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^2, 4^{11}, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^{15}, 8^2, 16^2\})$	128
16	$\mathcal{O}(0; \{2^{12}, 4^2, 8^2, 16^2\})$	512
16	$\mathcal{O}(0; \{2^9, 4^4, 8^2, 16^2\})$	2048

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{2^6, 4^6, 8^2, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^3, 4^8, 8^2, 16^2\})$	32768
16	$\mathcal{O}(0; \{4^{10}, 8^2, 16^2\})$	131072
16	$\mathcal{O}(0; \{2^{10}, 4, 8^4, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^7, 4^3, 8^4, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^4, 4^5, 8^4, 16^2\})$	65536
16	$\mathcal{O}(0; \{2, 4^7, 8^4, 16^2\})$	262144
16	$\mathcal{O}(0; \{2^8, 8^6, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^5, 4^2, 8^6, 16^2\})$	131072
16	$\mathcal{O}(0; \{2^2, 4^4, 8^6, 16^2\})$	524288
16	$\mathcal{O}(0; \{2^3, 4, 8^8, 16^2\})$	1048576
16	$\mathcal{O}(0; \{4^3, 8^8, 16^2\})$	4194304
16	$\mathcal{O}(0; \{2, 8^{10}, 16^2\})$	8388608
16	$\mathcal{O}(0; \{2^{13}, 8, 16^4\})$	2048
16	$\mathcal{O}(0; \{2^{10}, 4^2, 8, 16^4\})$	8192
16	$\mathcal{O}(0; \{2^7, 4^4, 8, 16^4\})$	32768
16	$\mathcal{O}(0; \{2^4, 4^6, 8, 16^4\})$	131072
16	$\mathcal{O}(0; \{2, 4^8, 8, 16^4\})$	524288
16	$\mathcal{O}(0; \{2^8, 4, 8^3, 16^4\})$	65536
16	$\mathcal{O}(0; \{2^5, 4^3, 8^3, 16^4\})$	262144
16	$\mathcal{O}(0; \{2^2, 4^5, 8^3, 16^4\})$	1048576
16	$\mathcal{O}(0; \{2^6, 8^5, 16^4\})$	524288
16	$\mathcal{O}(0; \{2^3, 4^2, 8^5, 16^4\})$	2097152
16	$\mathcal{O}(0; \{4^4, 8^5, 16^4\})$	8388608
16	$\mathcal{O}(0; \{2, 4, 8^7, 16^4\})$	16777216
16	$\mathcal{O}(0; \{2^{11}, 16^6\})$	32768
16	$\mathcal{O}(0; \{2^8, 4^2, 16^6\})$	131072
16	$\mathcal{O}(0; \{2^5, 4^4, 16^6\})$	524288
16	$\mathcal{O}(0; \{2^2, 4^6, 16^6\})$	2097152
16	$\mathcal{O}(0; \{2^6, 4, 8^2, 16^6\})$	1048576
16	$\mathcal{O}(0; \{2^3, 4^3, 8^2, 16^6\})$	4194304
16	$\mathcal{O}(0; \{4^5, 8^2, 16^6\})$	16777216
16	$\mathcal{O}(0; \{2^4, 8^4, 16^6\})$	8388608
16	$\mathcal{O}(0; \{2, 4^2, 8^4, 16^6\})$	33554432
16	$\mathcal{O}(0; \{2^4, 4, 8, 16^8\})$	16777216
16	$\mathcal{O}(0; \{2, 4^3, 8, 16^8\})$	67108864
16	$\mathcal{O}(0; \{2^2, 8^3, 16^8\})$	134217728
16	$\mathcal{O}(0; \{2^2, 4, 16^{10}\})$	268435456
16	$\mathcal{O}(0; \{8^2, 16^{10}\})$	2147483648
17	$\mathcal{O}(2; \{17^7\})$	1318823316720
18	$\mathcal{O}(3; \{2^2, 3^2, 9^2\})$	816293376
18	$\mathcal{O}(3; \{2^3, 6, 9^2\})$	408146688
18	$\mathcal{O}(3; \{3, 6^2, 9^2\})$	1632586752

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(3; \{2, 9^3, 18\})$	5509980288
18	$\mathcal{O}(3; \{3^2, 9, 18^2\})$	2448880128
18	$\mathcal{O}(3; \{2, 6, 9, 18^2\})$	1224440064
18	$\mathcal{O}(2; \{2^6, 3^2, 9^2\})$	2519424
18	$\mathcal{O}(2; \{2^2, 3^5, 9^2\})$	20155392
18	$\mathcal{O}(2; \{2^7, 6, 9^2\})$	1259712
18	$\mathcal{O}(2; \{2^3, 3^3, 6, 9^2\})$	10077696
18	$\mathcal{O}(2; \{2^4, 3, 6^2, 9^2\})$	5038848
18	$\mathcal{O}(2; \{3^4, 6^2, 9^2\})$	40310784
18	$\mathcal{O}(2; \{2, 3^2, 6^3, 9^2\})$	20155392
18	$\mathcal{O}(2; \{2^2, 6^4, 9^2\})$	10077696
18	$\mathcal{O}(2; \{2^2, 3, 9^5\})$	170061120
18	$\mathcal{O}(2; \{6^2, 9^5\})$	340122240
18	$\mathcal{O}(2; \{2^5, 9^3, 18\})$	17006112
18	$\mathcal{O}(2; \{2, 3^3, 9^3, 18\})$	136048896
18	$\mathcal{O}(2; \{2^2, 3, 6, 9^3, 18\})$	68024448
18	$\mathcal{O}(2; \{6^3, 9^3, 18\})$	136048896
18	$\mathcal{O}(2; \{2^4, 3^2, 9, 18^2\})$	7558272
18	$\mathcal{O}(2; \{3^5, 9, 18^2\})$	60466176
18	$\mathcal{O}(2; \{2^5, 6, 9, 18^2\})$	3779136
18	$\mathcal{O}(2; \{2, 3^3, 6, 9, 18^2\})$	30233088
18	$\mathcal{O}(2; \{2^2, 3, 6^2, 9, 18^2\})$	15116544
18	$\mathcal{O}(2; \{6^4, 9, 18^2\})$	30233088
18	$\mathcal{O}(2; \{3, 9^4, 18^2\})$	1122403392
18	$\mathcal{O}(2; \{2^3, 9^2, 18^3\})$	85030560
18	$\mathcal{O}(2; \{3, 6, 9^2, 18^3\})$	340122240
18	$\mathcal{O}(2; \{2^2, 3^2, 18^4\})$	68024448
18	$\mathcal{O}(2; \{2^3, 6, 18^4\})$	34012224
18	$\mathcal{O}(2; \{3, 6^2, 18^4\})$	136048896
18	$\mathcal{O}(2; \{2, 9, 18^5\})$	561201696
18	$\mathcal{O}(1; \{2^{10}, 3^2, 9^2\})$	7776
18	$\mathcal{O}(1; \{2^6, 3^5, 9^2\})$	62208
18	$\mathcal{O}(1; \{2^2, 3^8, 9^2\})$	497664
18	$\mathcal{O}(1; \{2^{11}, 6, 9^2\})$	3888
18	$\mathcal{O}(1; \{2^7, 3^3, 6, 9^2\})$	31104
18	$\mathcal{O}(1; \{2^3, 3^6, 6, 9^2\})$	248832
18	$\mathcal{O}(1; \{2^8, 3, 6^2, 9^2\})$	15552
18	$\mathcal{O}(1; \{2^4, 3^4, 6^2, 9^2\})$	124416
18	$\mathcal{O}(1; \{3^7, 6^2, 9^2\})$	995328
18	$\mathcal{O}(1; \{2^5, 3^2, 6^3, 9^2\})$	62208
18	$\mathcal{O}(1; \{2, 3^5, 6^3, 9^2\})$	497664
18	$\mathcal{O}(1; \{2^6, 6^4, 9^2\})$	31104
18	$\mathcal{O}(1; \{2^2, 3^3, 6^4, 9^2\})$	248832

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^3, 3, 6^5, 9^2\})$	124416
18	$\mathcal{O}(1; \{3^2, 6^6, 9^2\})$	497664
18	$\mathcal{O}(1; \{2, 6^7, 9^2\})$	248832
18	$\mathcal{O}(1; \{2^6, 3, 9^5\})$	524880
18	$\mathcal{O}(1; \{2^2, 3^4, 9^5\})$	4199040
18	$\mathcal{O}(1; \{2^3, 3^2, 6, 9^5\})$	2099520
18	$\mathcal{O}(1; \{2^4, 6^2, 9^5\})$	1049760
18	$\mathcal{O}(1; \{3^3, 6^2, 9^5\})$	8398080
18	$\mathcal{O}(1; \{2, 3, 6^3, 9^5\})$	4199040
18	$\mathcal{O}(1; \{2^2, 9^8\})$	60938568
18	$\mathcal{O}(1; \{2^9, 9^3, 18\})$	52488
18	$\mathcal{O}(1; \{2^5, 3^3, 9^3, 18\})$	419904
18	$\mathcal{O}(1; \{2, 3^6, 9^3, 18\})$	3359232
18	$\mathcal{O}(1; \{2^6, 3, 6, 9^3, 18\})$	209952
18	$\mathcal{O}(1; \{2^2, 3^4, 6, 9^3, 18\})$	1679616
18	$\mathcal{O}(1; \{2^3, 3^2, 6^2, 9^3, 18\})$	839808
18	$\mathcal{O}(1; \{2^4, 6^3, 9^3, 18\})$	419904
18	$\mathcal{O}(1; \{3^3, 6^3, 9^3, 18\})$	3359232
18	$\mathcal{O}(1; \{2, 3, 6^4, 9^3, 18\})$	1679616
18	$\mathcal{O}(1; \{2, 3^2, 9^6, 18\})$	39680928
18	$\mathcal{O}(1; \{2^2, 6, 9^6, 18\})$	19840464
18	$\mathcal{O}(1; \{2^8, 3^2, 9, 18^2\})$	23328
18	$\mathcal{O}(1; \{2^4, 3^5, 9, 18^2\})$	186624
18	$\mathcal{O}(1; \{3^8, 9, 18^2\})$	1492992
18	$\mathcal{O}(1; \{2^9, 6, 9, 18^2\})$	11664
18	$\mathcal{O}(1; \{2^5, 3^3, 6, 9, 18^2\})$	93312
18	$\mathcal{O}(1; \{2, 3^6, 6, 9, 18^2\})$	746496
18	$\mathcal{O}(1; \{2^6, 3, 6^2, 9, 18^2\})$	46656
18	$\mathcal{O}(1; \{2^2, 3^4, 6^2, 9, 18^2\})$	373248
18	$\mathcal{O}(1; \{2^3, 3^2, 6^3, 9, 18^2\})$	186624
18	$\mathcal{O}(1; \{2^4, 6^4, 9, 18^2\})$	93312
18	$\mathcal{O}(1; \{3^3, 6^4, 9, 18^2\})$	746496
18	$\mathcal{O}(1; \{2, 3, 6^5, 9, 18^2\})$	373248
18	$\mathcal{O}(1; \{2^4, 3, 9^4, 18^2\})$	3464208
18	$\mathcal{O}(1; \{3^4, 9^4, 18^2\})$	27713664
18	$\mathcal{O}(1; \{2, 3^2, 6, 9^4, 18^2\})$	13856832
18	$\mathcal{O}(1; \{2^2, 6^2, 9^4, 18^2\})$	6928416
18	$\mathcal{O}(1; \{9^7, 18^2\})$	361379880
18	$\mathcal{O}(1; \{2^7, 9^2, 18^3\})$	262440
18	$\mathcal{O}(1; \{2^3, 3^3, 9^2, 18^3\})$	2099520
18	$\mathcal{O}(1; \{2^4, 3, 6, 9^2, 18^3\})$	1049760
18	$\mathcal{O}(1; \{3^4, 6, 9^2, 18^3\})$	8398080
18	$\mathcal{O}(1; \{2, 3^2, 6^2, 9^2, 18^3\})$	4199040

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^2, 6^3, 9^2, 18^3\})$	2099520
18	$\mathcal{O}(1; \{6, 9^5, 18^3\})$	121877136
18	$\mathcal{O}(1; \{2^6, 3^2, 18^4\})$	209952
18	$\mathcal{O}(1; \{2^2, 3^5, 18^4\})$	1679616
18	$\mathcal{O}(1; \{2^7, 6, 18^4\})$	104976
18	$\mathcal{O}(1; \{2^3, 3^3, 6, 18^4\})$	839808
18	$\mathcal{O}(1; \{2^4, 3, 6^2, 18^4\})$	419904
18	$\mathcal{O}(1; \{3^4, 6^2, 18^4\})$	3359232
18	$\mathcal{O}(1; \{2, 3^2, 6^3, 18^4\})$	1679616
18	$\mathcal{O}(1; \{2^2, 6^4, 18^4\})$	839808
18	$\mathcal{O}(1; \{2^2, 3, 9^3, 18^4\})$	19840464
18	$\mathcal{O}(1; \{6^2, 9^3, 18^4\})$	39680928
18	$\mathcal{O}(1; \{2^5, 9, 18^5\})$	1732104
18	$\mathcal{O}(1; \{2, 3^3, 9, 18^5\})$	13856832
18	$\mathcal{O}(1; \{2^2, 3, 6, 9, 18^5\})$	6928416
18	$\mathcal{O}(1; \{6^3, 9, 18^5\})$	13856832
18	$\mathcal{O}(1; \{3, 9^2, 18^6\})$	121877136
18	$\mathcal{O}(1; \{2^3, 18^7\})$	9920232
18	$\mathcal{O}(1; \{3, 6, 18^7\})$	39680928
18	$\mathcal{O}(0; \{2^{14}, 3^2, 9^2\})$	24
18	$\mathcal{O}(0; \{2^{10}, 3^5, 9^2\})$	192
18	$\mathcal{O}(0; \{2^6, 3^8, 9^2\})$	1536
18	$\mathcal{O}(0; \{2^2, 3^{11}, 9^2\})$	12288
18	$\mathcal{O}(0; \{2^{15}, 6, 9^2\})$	12
18	$\mathcal{O}(0; \{2^{11}, 3^3, 6, 9^2\})$	96
18	$\mathcal{O}(0; \{2^7, 3^6, 6, 9^2\})$	768
18	$\mathcal{O}(0; \{2^3, 3^9, 6, 9^2\})$	6144
18	$\mathcal{O}(0; \{2^{12}, 3, 6^2, 9^2\})$	48
18	$\mathcal{O}(0; \{2^8, 3^4, 6^2, 9^2\})$	384
18	$\mathcal{O}(0; \{2^4, 3^7, 6^2, 9^2\})$	3072
18	$\mathcal{O}(0; \{3^{10}, 6^2, 9^2\})$	24576
18	$\mathcal{O}(0; \{2^9, 3^2, 6^3, 9^2\})$	192
18	$\mathcal{O}(0; \{2^5, 3^5, 6^3, 9^2\})$	1536
18	$\mathcal{O}(0; \{2, 3^8, 6^3, 9^2\})$	12288
18	$\mathcal{O}(0; \{2^{10}, 6^4, 9^2\})$	96
18	$\mathcal{O}(0; \{2^6, 3^3, 6^4, 9^2\})$	768
18	$\mathcal{O}(0; \{2^2, 3^6, 6^4, 9^2\})$	6144
18	$\mathcal{O}(0; \{2^7, 3, 6^5, 9^2\})$	384
18	$\mathcal{O}(0; \{2^3, 3^4, 6^5, 9^2\})$	3072
18	$\mathcal{O}(0; \{2^4, 3^2, 6^6, 9^2\})$	1536
18	$\mathcal{O}(0; \{3^5, 6^6, 9^2\})$	12288
18	$\mathcal{O}(0; \{2^5, 6^7, 9^2\})$	768
18	$\mathcal{O}(0; \{2, 3^3, 6^7, 9^2\})$	6144

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^2, 3, 6^8, 9^2\})$	3072
18	$\mathcal{O}(0; \{6^{10}, 9^2\})$	6144
18	$\mathcal{O}(0; \{2^{10}, 3, 9^5\})$	1620
18	$\mathcal{O}(0; \{2^6, 3^4, 9^5\})$	12960
18	$\mathcal{O}(0; \{2^2, 3^7, 9^5\})$	103680
18	$\mathcal{O}(0; \{2^7, 3^2, 6, 9^5\})$	6480
18	$\mathcal{O}(0; \{2^3, 3^5, 6, 9^5\})$	51840
18	$\mathcal{O}(0; \{2^8, 6^2, 9^5\})$	3240
18	$\mathcal{O}(0; \{2^4, 3^3, 6^2, 9^5\})$	25920
18	$\mathcal{O}(0; \{3^6, 6^2, 9^5\})$	207360
18	$\mathcal{O}(0; \{2^5, 3, 6^3, 9^5\})$	12960
18	$\mathcal{O}(0; \{2, 3^4, 6^3, 9^5\})$	103680
18	$\mathcal{O}(0; \{2^2, 3^2, 6^4, 9^5\})$	51840
18	$\mathcal{O}(0; \{2^3, 6^5, 9^5\})$	25920
18	$\mathcal{O}(0; \{3, 6^6, 9^5\})$	103680
18	$\mathcal{O}(0; \{2^6, 9^8\})$	188082
18	$\mathcal{O}(0; \{2^2, 3^3, 9^8\})$	1504656
18	$\mathcal{O}(0; \{2^3, 3, 6, 9^8\})$	752328
18	$\mathcal{O}(0; \{3^2, 6^2, 9^8\})$	3009312
18	$\mathcal{O}(0; \{2, 6^3, 9^8\})$	1504656
18	$\mathcal{O}(0; \{2^{13}, 9^3, 18\})$	162
18	$\mathcal{O}(0; \{2^9, 3^3, 9^3, 18\})$	1296
18	$\mathcal{O}(0; \{2^5, 3^6, 9^3, 18\})$	10368
18	$\mathcal{O}(0; \{2, 3^9, 9^3, 18\})$	82944
18	$\mathcal{O}(0; \{2^{10}, 3, 6, 9^3, 18\})$	648
18	$\mathcal{O}(0; \{2^6, 3^4, 6, 9^3, 18\})$	5184
18	$\mathcal{O}(0; \{2^2, 3^7, 6, 9^3, 18\})$	41472
18	$\mathcal{O}(0; \{2^7, 3^2, 6^2, 9^3, 18\})$	2592
18	$\mathcal{O}(0; \{2^3, 3^5, 6^2, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{2^8, 6^3, 9^3, 18\})$	1296
18	$\mathcal{O}(0; \{2^4, 3^3, 6^3, 9^3, 18\})$	10368
18	$\mathcal{O}(0; \{3^6, 6^3, 9^3, 18\})$	82944
18	$\mathcal{O}(0; \{2^5, 3, 6^4, 9^3, 18\})$	5184
18	$\mathcal{O}(0; \{2, 3^4, 6^4, 9^3, 18\})$	41472
18	$\mathcal{O}(0; \{2^2, 3^2, 6^5, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{2^3, 6^6, 9^3, 18\})$	10368
18	$\mathcal{O}(0; \{3, 6^7, 9^3, 18\})$	41472
18	$\mathcal{O}(0; \{2^5, 3^2, 9^6, 18\})$	122472
18	$\mathcal{O}(0; \{2, 3^5, 9^6, 18\})$	979776
18	$\mathcal{O}(0; \{2^6, 6, 9^6, 18\})$	61236
18	$\mathcal{O}(0; \{2^2, 3^3, 6, 9^6, 18\})$	489888
18	$\mathcal{O}(0; \{2^3, 3, 6^2, 9^6, 18\})$	244944
18	$\mathcal{O}(0; \{3^2, 6^3, 9^6, 18\})$	979776

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2, 6^4, 9^6, 18\})$	489888
18	$\mathcal{O}(0; \{2, 3, 9^9, 18\})$	13463172
18	$\mathcal{O}(0; \{2^{12}, 3^2, 9, 18^2\})$	72
18	$\mathcal{O}(0; \{2^8, 3^5, 9, 18^2\})$	576
18	$\mathcal{O}(0; \{2^4, 3^8, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{3^{11}, 9, 18^2\})$	36864
18	$\mathcal{O}(0; \{2^{13}, 6, 9, 18^2\})$	36
18	$\mathcal{O}(0; \{2^9, 3^3, 6, 9, 18^2\})$	288
18	$\mathcal{O}(0; \{2^5, 3^6, 6, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{2, 3^9, 6, 9, 18^2\})$	18432
18	$\mathcal{O}(0; \{2^{10}, 3, 6^2, 9, 18^2\})$	144
18	$\mathcal{O}(0; \{2^6, 3^4, 6^2, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{2^2, 3^7, 6^2, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{2^7, 3^2, 6^3, 9, 18^2\})$	576
18	$\mathcal{O}(0; \{2^3, 3^5, 6^3, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{2^8, 6^4, 9, 18^2\})$	288
18	$\mathcal{O}(0; \{2^4, 3^3, 6^4, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{3^6, 6^4, 9, 18^2\})$	18432
18	$\mathcal{O}(0; \{2^5, 3, 6^5, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{2, 3^4, 6^5, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{2^2, 3^2, 6^6, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{2^3, 6^7, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{3, 6^8, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{2^8, 3, 9^4, 18^2\})$	10692
18	$\mathcal{O}(0; \{2^4, 3^4, 9^4, 18^2\})$	85536
18	$\mathcal{O}(0; \{3^7, 9^4, 18^2\})$	684288
18	$\mathcal{O}(0; \{2^5, 3^2, 6, 9^4, 18^2\})$	42768
18	$\mathcal{O}(0; \{2, 3^5, 6, 9^4, 18^2\})$	342144
18	$\mathcal{O}(0; \{2^6, 6^2, 9^4, 18^2\})$	21384
18	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 9^4, 18^2\})$	171072
18	$\mathcal{O}(0; \{2^3, 3, 6^3, 9^4, 18^2\})$	85536
18	$\mathcal{O}(0; \{3^2, 6^4, 9^4, 18^2\})$	342144
18	$\mathcal{O}(0; \{2, 6^5, 9^4, 18^2\})$	171072
18	$\mathcal{O}(0; \{2^4, 9^7, 18^2\})$	1115370
18	$\mathcal{O}(0; \{3^3, 9^7, 18^2\})$	8922960
18	$\mathcal{O}(0; \{2, 3, 6, 9^7, 18^2\})$	4461480
18	$\mathcal{O}(0; \{2^{11}, 9^2, 18^3\})$	810
18	$\mathcal{O}(0; \{2^7, 3^3, 9^2, 18^3\})$	6480
18	$\mathcal{O}(0; \{2^3, 3^6, 9^2, 18^3\})$	51840
18	$\mathcal{O}(0; \{2^8, 3, 6, 9^2, 18^3\})$	3240
18	$\mathcal{O}(0; \{2^4, 3^4, 6, 9^2, 18^3\})$	25920
18	$\mathcal{O}(0; \{3^7, 6, 9^2, 18^3\})$	207360
18	$\mathcal{O}(0; \{2^5, 3^2, 6^2, 9^2, 18^3\})$	12960

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2, 3^5, 6^2, 9^2, 18^3\})$	103680
18	$\mathcal{O}(0; \{2^6, 6^3, 9^2, 18^3\})$	6480
18	$\mathcal{O}(0; \{2^2, 3^3, 6^3, 9^2, 18^3\})$	51840
18	$\mathcal{O}(0; \{2^3, 3, 6^4, 9^2, 18^3\})$	25920
18	$\mathcal{O}(0; \{3^2, 6^5, 9^2, 18^3\})$	103680
18	$\mathcal{O}(0; \{2, 6^6, 9^2, 18^3\})$	51840
18	$\mathcal{O}(0; \{2^3, 3^2, 9^5, 18^3\})$	752328
18	$\mathcal{O}(0; \{2^4, 6, 9^5, 18^3\})$	376164
18	$\mathcal{O}(0; \{3^3, 6, 9^5, 18^3\})$	3009312
18	$\mathcal{O}(0; \{2, 3, 6^2, 9^5, 18^3\})$	1504656
18	$\mathcal{O}(0; \{2^{10}, 3^2, 18^4\})$	648
18	$\mathcal{O}(0; \{2^6, 3^5, 18^4\})$	5184
18	$\mathcal{O}(0; \{2^2, 3^8, 18^4\})$	41472
18	$\mathcal{O}(0; \{2^{11}, 6, 18^4\})$	324
18	$\mathcal{O}(0; \{2^7, 3^3, 6, 18^4\})$	2592
18	$\mathcal{O}(0; \{2^3, 3^6, 6, 18^4\})$	20736
18	$\mathcal{O}(0; \{2^8, 3, 6^2, 18^4\})$	1296
18	$\mathcal{O}(0; \{2^4, 3^4, 6^2, 18^4\})$	10368
18	$\mathcal{O}(0; \{3^7, 6^2, 18^4\})$	82944
18	$\mathcal{O}(0; \{2^5, 3^2, 6^3, 18^4\})$	5184
18	$\mathcal{O}(0; \{2, 3^5, 6^3, 18^4\})$	41472
18	$\mathcal{O}(0; \{2^6, 6^4, 18^4\})$	2592
18	$\mathcal{O}(0; \{2^2, 3^3, 6^4, 18^4\})$	20736
18	$\mathcal{O}(0; \{2^3, 3, 6^5, 18^4\})$	10368
18	$\mathcal{O}(0; \{3^2, 6^6, 18^4\})$	41472
18	$\mathcal{O}(0; \{2, 6^7, 18^4\})$	20736
18	$\mathcal{O}(0; \{2^6, 3, 9^3, 18^4\})$	61236
18	$\mathcal{O}(0; \{2^2, 3^4, 9^3, 18^4\})$	489888
18	$\mathcal{O}(0; \{2^3, 3^2, 6, 9^3, 18^4\})$	244944
18	$\mathcal{O}(0; \{2^4, 6^2, 9^3, 18^4\})$	122472
18	$\mathcal{O}(0; \{3^3, 6^2, 9^3, 18^4\})$	979776
18	$\mathcal{O}(0; \{2, 3, 6^3, 9^3, 18^4\})$	489888
18	$\mathcal{O}(0; \{2^2, 9^6, 18^4\})$	6731586
18	$\mathcal{O}(0; \{2^9, 9, 18^5\})$	5346
18	$\mathcal{O}(0; \{2^5, 3^3, 9, 18^5\})$	42768
18	$\mathcal{O}(0; \{2, 3^6, 9, 18^5\})$	342144
18	$\mathcal{O}(0; \{2^6, 3, 6, 9, 18^5\})$	21384
18	$\mathcal{O}(0; \{2^2, 3^4, 6, 9, 18^5\})$	171072
18	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 9, 18^5\})$	85536
18	$\mathcal{O}(0; \{2^4, 6^3, 9, 18^5\})$	42768
18	$\mathcal{O}(0; \{3^3, 6^3, 9, 18^5\})$	342144
18	$\mathcal{O}(0; \{2, 3, 6^4, 9, 18^5\})$	171072
18	$\mathcal{O}(0; \{2, 3^2, 9^4, 18^5\})$	4461480

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^2, 6, 9^4, 18^5\})$	2230740
18	$\mathcal{O}(0; \{2^4, 3, 9^2, 18^6\})$	376164
18	$\mathcal{O}(0; \{3^4, 9^2, 18^6\})$	3009312
18	$\mathcal{O}(0; \{2, 3^2, 6, 9^2, 18^6\})$	1504656
18	$\mathcal{O}(0; \{2^2, 6^2, 9^2, 18^6\})$	752328
18	$\mathcal{O}(0; \{9^5, 18^6\})$	40271418
18	$\mathcal{O}(0; \{2^7, 18^7\})$	30618
18	$\mathcal{O}(0; \{2^3, 3^3, 18^7\})$	244944
18	$\mathcal{O}(0; \{2^4, 3, 6, 18^7\})$	122472
18	$\mathcal{O}(0; \{3^4, 6, 18^7\})$	979776
18	$\mathcal{O}(0; \{2, 3^2, 6^2, 18^7\})$	489888
18	$\mathcal{O}(0; \{2^2, 6^3, 18^7\})$	244944
18	$\mathcal{O}(0; \{6, 9^3, 18^7\})$	13463172
18	$\mathcal{O}(0; \{2^2, 3, 9, 18^8\})$	2230740
18	$\mathcal{O}(0; \{6^2, 9, 18^8\})$	4461480
18	$\mathcal{O}(0; \{3, 18^{10}\})$	13463172
19	$\mathcal{O}(2; \{19^6\})$	233289967878
20	$\mathcal{O}(3; \{4^2, 10^2\})$	512000000
20	$\mathcal{O}(3; \{4, 5^2, 20\})$	1536000000
20	$\mathcal{O}(3; \{2, 10, 20^2\})$	1536000000
20	$\mathcal{O}(2; \{2, 4^2, 5^3, 10\})$	16640000
20	$\mathcal{O}(2; \{2^4, 4^2, 10^2\})$	1280000
20	$\mathcal{O}(2; \{2, 4^4, 10^2\})$	5120000
20	$\mathcal{O}(2; \{2^4, 4, 5^2, 20\})$	3840000
20	$\mathcal{O}(2; \{2, 4^3, 5^2, 20\})$	15360000
20	$\mathcal{O}(2; \{2^2, 4, 5, 10^2, 20\})$	16640000
20	$\mathcal{O}(2; \{4, 10^4, 20\})$	65280000
20	$\mathcal{O}(2; \{2^2, 5^3, 20^2\})$	65280000
20	$\mathcal{O}(2; \{2^5, 10, 20^2\})$	3840000
20	$\mathcal{O}(2; \{2^2, 4^2, 10, 20^2\})$	15360000
20	$\mathcal{O}(2; \{5^2, 10^2, 20^2\})$	262400000
20	$\mathcal{O}(2; \{4, 5, 10, 20^3\})$	261120000
20	$\mathcal{O}(2; \{2^3, 20^4\})$	66560000
20	$\mathcal{O}(2; \{4^2, 20^4\})$	266240000
20	$\mathcal{O}(1; \{2^2, 4^2, 5^6\})$	656000
20	$\mathcal{O}(1; \{2^5, 4^2, 5^3, 10\})$	41600
20	$\mathcal{O}(1; \{2^2, 4^4, 5^3, 10\})$	166400
20	$\mathcal{O}(1; \{2^8, 4^2, 10^2\})$	3200
20	$\mathcal{O}(1; \{2^5, 4^4, 10^2\})$	12800
20	$\mathcal{O}(1; \{2^2, 4^6, 10^2\})$	51200
20	$\mathcal{O}(1; \{4^2, 5^5, 10^2\})$	2620800
20	$\mathcal{O}(1; \{2^3, 4^2, 5^2, 10^3\})$	163200
20	$\mathcal{O}(1; \{4^4, 5^2, 10^3\})$	652800

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{2, 4^2, 5, 10^3\})$	656000
20	$\mathcal{O}(1; \{2^8, 4, 5^2, 20\})$	9600
20	$\mathcal{O}(1; \{2^5, 4^3, 5^2, 20\})$	38400
20	$\mathcal{O}(1; \{2^2, 4^5, 5^2, 20\})$	153600
20	$\mathcal{O}(1; \{4, 5^7, 20\})$	10486400
20	$\mathcal{O}(1; \{2^3, 4, 5^4, 10, 20\})$	656000
20	$\mathcal{O}(1; \{4^3, 5^4, 10, 20\})$	2624000
20	$\mathcal{O}(1; \{2^6, 4, 5, 10^2, 20\})$	41600
20	$\mathcal{O}(1; \{2^3, 4^3, 5, 10^2, 20\})$	166400
20	$\mathcal{O}(1; \{4^5, 5, 10^2, 20\})$	665600
20	$\mathcal{O}(1; \{2, 4, 5^3, 10^3, 20\})$	2620800
20	$\mathcal{O}(1; \{2^4, 4, 10^4, 20\})$	163200
20	$\mathcal{O}(1; \{2, 4^3, 10^4, 20\})$	652800
20	$\mathcal{O}(1; \{2^6, 5^3, 20^2\})$	163200
20	$\mathcal{O}(1; \{2^3, 4^2, 5^3, 20^2\})$	652800
20	$\mathcal{O}(1; \{4^4, 5^3, 20^2\})$	2611200
20	$\mathcal{O}(1; \{2^9, 10, 20^2\})$	9600
20	$\mathcal{O}(1; \{2^6, 4^2, 10, 20^2\})$	38400
20	$\mathcal{O}(1; \{2^3, 4^4, 10, 20^2\})$	153600
20	$\mathcal{O}(1; \{4^6, 10, 20^2\})$	614400
20	$\mathcal{O}(1; \{2, 5^5, 10, 20^2\})$	10486400
20	$\mathcal{O}(1; \{2^4, 5^2, 10^2, 20^2\})$	656000
20	$\mathcal{O}(1; \{2, 4^2, 5^2, 10^2, 20^2\})$	2624000
20	$\mathcal{O}(1; \{2^2, 5, 10^4, 20^2\})$	2620800
20	$\mathcal{O}(1; \{10^6, 20^2\})$	10486400
20	$\mathcal{O}(1; \{2, 4, 5^4, 20^3\})$	10483200
20	$\mathcal{O}(1; \{2^4, 4, 5, 10, 20^3\})$	652800
20	$\mathcal{O}(1; \{2, 4^3, 5, 10, 20^3\})$	2611200
20	$\mathcal{O}(1; \{2^2, 4, 10^3, 20^3\})$	2624000
20	$\mathcal{O}(1; \{2^7, 20^4\})$	166400
20	$\mathcal{O}(1; \{2^4, 4^2, 20^4\})$	665600
20	$\mathcal{O}(1; \{2, 4^4, 20^4\})$	2662400
20	$\mathcal{O}(1; \{2^2, 5^2, 10, 20^4\})$	10483200
20	$\mathcal{O}(1; \{5, 10^3, 20^4\})$	41945600
20	$\mathcal{O}(1; \{2^2, 4, 5, 20^5\})$	10496000
20	$\mathcal{O}(1; \{4, 10^2, 20^5\})$	41932800
20	$\mathcal{O}(1; \{5^2, 20^6\})$	167782400
20	$\mathcal{O}(0; \{2^6, 4^2, 5^6\})$	1640
20	$\mathcal{O}(0; \{2^3, 4^4, 5^6\})$	6560
20	$\mathcal{O}(0; \{4^6, 5^6\})$	26240
20	$\mathcal{O}(0; \{2^9, 4^2, 5^3, 10\})$	104
20	$\mathcal{O}(0; \{2^6, 4^4, 5^3, 10\})$	416
20	$\mathcal{O}(0; \{2^3, 4^6, 5^3, 10\})$	1664

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{4^8, 5^3, 10\})$	6656
20	$\mathcal{O}(0; \{2, 4^2, 5^8, 10\})$	104856
20	$\mathcal{O}(0; \{2^{12}, 4^2, 10^2\})$	8
20	$\mathcal{O}(0; \{2^9, 4^4, 10^2\})$	32
20	$\mathcal{O}(0; \{2^6, 4^6, 10^2\})$	128
20	$\mathcal{O}(0; \{2^3, 4^8, 10^2\})$	512
20	$\mathcal{O}(0; \{4^{10}, 10^2\})$	2048
20	$\mathcal{O}(0; \{2^4, 4^2, 5^5, 10^2\})$	6552
20	$\mathcal{O}(0; \{2, 4^4, 5^5, 10^2\})$	26208
20	$\mathcal{O}(0; \{2^7, 4^2, 5^2, 10^3\})$	408
20	$\mathcal{O}(0; \{2^4, 4^4, 5^2, 10^3\})$	1632
20	$\mathcal{O}(0; \{2, 4^6, 5^2, 10^3\})$	6528
20	$\mathcal{O}(0; \{2^2, 4^2, 5^4, 10^4\})$	26216
20	$\mathcal{O}(0; \{2^5, 4^2, 5, 10^5\})$	1640
20	$\mathcal{O}(0; \{2^2, 4^4, 5, 10^5\})$	6560
20	$\mathcal{O}(0; \{4^2, 5^3, 10^6\})$	104856
20	$\mathcal{O}(0; \{2^3, 4^2, 10^7\})$	6552
20	$\mathcal{O}(0; \{4^4, 10^7\})$	26208
20	$\mathcal{O}(0; \{2^{12}, 4, 5^2, 20\})$	24
20	$\mathcal{O}(0; \{2^9, 4^3, 5^2, 20\})$	96
20	$\mathcal{O}(0; \{2^6, 4^5, 5^2, 20\})$	384
20	$\mathcal{O}(0; \{2^3, 4^7, 5^2, 20\})$	1536
20	$\mathcal{O}(0; \{4^9, 5^2, 20\})$	6144
20	$\mathcal{O}(0; \{2^4, 4, 5^7, 20\})$	26216
20	$\mathcal{O}(0; \{2, 4^3, 5^7, 20\})$	104864
20	$\mathcal{O}(0; \{2^7, 4, 5^4, 10, 20\})$	1640
20	$\mathcal{O}(0; \{2^4, 4^3, 5^4, 10, 20\})$	6560
20	$\mathcal{O}(0; \{2, 4^5, 5^4, 10, 20\})$	26240
20	$\mathcal{O}(0; \{2^{10}, 4, 5, 10^2, 20\})$	104
20	$\mathcal{O}(0; \{2^7, 4^3, 5, 10^2, 20\})$	416
20	$\mathcal{O}(0; \{2^4, 4^5, 5, 10^2, 20\})$	1664
20	$\mathcal{O}(0; \{2, 4^7, 5, 10^2, 20\})$	6656
20	$\mathcal{O}(0; \{2^2, 4, 5^6, 10^2, 20\})$	104856
20	$\mathcal{O}(0; \{2^5, 4, 5^3, 10^3, 20\})$	6552
20	$\mathcal{O}(0; \{2^2, 4^3, 5^3, 10^3, 20\})$	26208
20	$\mathcal{O}(0; \{2^8, 4, 10^4, 20\})$	408
20	$\mathcal{O}(0; \{2^5, 4^3, 10^4, 20\})$	1632
20	$\mathcal{O}(0; \{2^2, 4^5, 10^4, 20\})$	6528
20	$\mathcal{O}(0; \{4, 5^5, 10^4, 20\})$	419432
20	$\mathcal{O}(0; \{2^3, 4, 5^2, 10^5, 20\})$	26216
20	$\mathcal{O}(0; \{4^3, 5^2, 10^5, 20\})$	104864
20	$\mathcal{O}(0; \{2, 4, 5, 10^7, 20\})$	104856
20	$\mathcal{O}(0; \{2^{10}, 5^3, 20^2\})$	408

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^7, 4^2, 5^3, 20^2\})$	1632
20	$\mathcal{O}(0; \{2^4, 4^4, 5^3, 20^2\})$	6528
20	$\mathcal{O}(0; \{2, 4^6, 5^3, 20^2\})$	26112
20	$\mathcal{O}(0; \{2^2, 5^8, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^{13}, 10, 20^2\})$	24
20	$\mathcal{O}(0; \{2^{10}, 4^2, 10, 20^2\})$	96
20	$\mathcal{O}(0; \{2^7, 4^4, 10, 20^2\})$	384
20	$\mathcal{O}(0; \{2^4, 4^6, 10, 20^2\})$	1536
20	$\mathcal{O}(0; \{2, 4^8, 10, 20^2\})$	6144
20	$\mathcal{O}(0; \{2^5, 5^5, 10, 20^2\})$	26216
20	$\mathcal{O}(0; \{2^2, 4^2, 5^5, 10, 20^2\})$	104864
20	$\mathcal{O}(0; \{2^8, 5^2, 10^2, 20^2\})$	1640
20	$\mathcal{O}(0; \{2^5, 4^2, 5^2, 10^2, 20^2\})$	6560
20	$\mathcal{O}(0; \{2^2, 4^4, 5^2, 10^2, 20^2\})$	26240
20	$\mathcal{O}(0; \{5^7, 10^2, 20^2\})$	1677720
20	$\mathcal{O}(0; \{2^3, 5^4, 10^3, 20^2\})$	104856
20	$\mathcal{O}(0; \{4^2, 5^4, 10^3, 20^2\})$	419424
20	$\mathcal{O}(0; \{2^6, 5, 10^4, 20^2\})$	6552
20	$\mathcal{O}(0; \{2^3, 4^2, 5, 10^4, 20^2\})$	26208
20	$\mathcal{O}(0; \{4^4, 5, 10^4, 20^2\})$	104832
20	$\mathcal{O}(0; \{2, 5^3, 10^5, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^4, 10^6, 20^2\})$	26216
20	$\mathcal{O}(0; \{2, 4^2, 10^6, 20^2\})$	104864
20	$\mathcal{O}(0; \{2^5, 4, 5^4, 20^3\})$	26208
20	$\mathcal{O}(0; \{2^2, 4^3, 5^4, 20^3\})$	104832
20	$\mathcal{O}(0; \{2^8, 4, 5, 10, 20^3\})$	1632
20	$\mathcal{O}(0; \{2^5, 4^3, 5, 10, 20^3\})$	6528
20	$\mathcal{O}(0; \{2^2, 4^5, 5, 10, 20^3\})$	26112
20	$\mathcal{O}(0; \{4, 5^6, 10, 20^3\})$	1677728
20	$\mathcal{O}(0; \{2^3, 4, 5^3, 10^2, 20^3\})$	104864
20	$\mathcal{O}(0; \{4^3, 5^3, 10^2, 20^3\})$	419456
20	$\mathcal{O}(0; \{2^6, 4, 10^3, 20^3\})$	6560
20	$\mathcal{O}(0; \{2^3, 4^3, 10^3, 20^3\})$	26240
20	$\mathcal{O}(0; \{4^5, 10^3, 20^3\})$	104960
20	$\mathcal{O}(0; \{2, 4, 5^2, 10^4, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^{11}, 20^4\})$	416
20	$\mathcal{O}(0; \{2^8, 4^2, 20^4\})$	1664
20	$\mathcal{O}(0; \{2^5, 4^4, 20^4\})$	6656
20	$\mathcal{O}(0; \{2^2, 4^6, 20^4\})$	26624
20	$\mathcal{O}(0; \{2^3, 5^5, 20^4\})$	419424
20	$\mathcal{O}(0; \{4^2, 5^5, 20^4\})$	1677696
20	$\mathcal{O}(0; \{2^6, 5^2, 10, 20^4\})$	26208
20	$\mathcal{O}(0; \{2^3, 4^2, 5^2, 10, 20^4\})$	104832

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{4^4, 5^2, 10, 20^4\})$	419328
20	$\mathcal{O}(0; \{2, 5^4, 10^2, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^4, 5, 10^3, 20^4\})$	104864
20	$\mathcal{O}(0; \{2, 4^2, 5, 10^3, 20^4\})$	419456
20	$\mathcal{O}(0; \{2^2, 10^5, 20^4\})$	419424
20	$\mathcal{O}(0; \{2^6, 4, 5, 20^5\})$	26240
20	$\mathcal{O}(0; \{2^3, 4^3, 5, 20^5\})$	104960
20	$\mathcal{O}(0; \{4^5, 5, 20^5\})$	419840
20	$\mathcal{O}(0; \{2, 4, 5^3, 10, 20^5\})$	1677696
20	$\mathcal{O}(0; \{2^4, 4, 10^2, 20^5\})$	104832
20	$\mathcal{O}(0; \{2, 4^3, 10^2, 20^5\})$	419328
20	$\mathcal{O}(0; \{2^4, 5^2, 20^6\})$	419456
20	$\mathcal{O}(0; \{2, 4^2, 5^2, 20^6\})$	1677824
20	$\mathcal{O}(0; \{2^2, 5, 10^2, 20^6\})$	1677696
20	$\mathcal{O}(0; \{10^4, 20^6\})$	6710912
20	$\mathcal{O}(0; \{2^2, 4, 10, 20^7\})$	1677824
20	$\mathcal{O}(0; \{5, 10, 20^8\})$	26843648
20	$\mathcal{O}(0; \{4, 20^9\})$	26843136
21	$\mathcal{O}(2; \{3^2, 7^2, 21^2\})$	217040796
21	$\mathcal{O}(1; \{3^4, 7^5\})$	2937060
21	$\mathcal{O}(1; \{3^5, 7^2, 21^2\})$	3445092
21	$\mathcal{O}(1; \{3, 7^4, 21^3\})$	105813540
21	$\mathcal{O}(1; \{3^2, 7, 21^5\})$	123467652
21	$\mathcal{O}(0; \{3^7, 7^5\})$	46620
21	$\mathcal{O}(0; \{3^3, 7^7, 21\})$	1439676
21	$\mathcal{O}(0; \{3^8, 7^2, 21^2\})$	63612
21	$\mathcal{O}(0; \{3^4, 7^4, 21^3\})$	1679580
21	$\mathcal{O}(0; \{7^6, 21^4\})$	51828156
21	$\mathcal{O}(0; \{3^5, 7, 21^5\})$	2279772
21	$\mathcal{O}(0; \{3, 7^3, 21^6\})$	60466140
21	$\mathcal{O}(0; \{3^2, 21^8\})$	82061532
22	$\mathcal{O}(2; \{2^2, 11^4\})$	213172960
22	$\mathcal{O}(2; \{11^3, 22^2\})$	2129387040
22	$\mathcal{O}(1; \{2^6, 11^4\})$	440440
22	$\mathcal{O}(1; \{2^4, 11^3, 22^2\})$	4399560
22	$\mathcal{O}(1; \{2^2, 11^2, 22^4\})$	44000440
22	$\mathcal{O}(1; \{11, 22^6\})$	439999560
22	$\mathcal{O}(0; \{2^{10}, 11^4\})$	910
22	$\mathcal{O}(0; \{2^8, 11^3, 22^2\})$	9090
22	$\mathcal{O}(0; \{2^6, 11^2, 22^4\})$	90910
22	$\mathcal{O}(0; \{2^4, 11, 22^6\})$	909090
22	$\mathcal{O}(0; \{2^2, 22^8\})$	9090910
24	$\mathcal{O}(2; \{2^2, 3^2, 8^2\})$	2654208

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{3, 6^2, 8^2\})$	2654208
24	$\mathcal{O}(2; \{3, 4, 8^2, 12\})$	10616832
24	$\mathcal{O}(2; \{2, 8^2, 12^2\})$	10616832
24	$\mathcal{O}(2; \{3, 4, 6, 8, 24\})$	5308416
24	$\mathcal{O}(2; \{3^2, 8, 12, 24\})$	15925248
24	$\mathcal{O}(2; \{2, 6, 8, 12, 24\})$	5308416
24	$\mathcal{O}(2; \{2^3, 3, 24^2\})$	2654208
24	$\mathcal{O}(2; \{3, 4^2, 24^2\})$	10616832
24	$\mathcal{O}(2; \{3^2, 6, 24^2\})$	13271040
24	$\mathcal{O}(2; \{2, 6^2, 24^2\})$	7962624
24	$\mathcal{O}(2; \{2, 4, 12, 24^2\})$	10616832
24	$\mathcal{O}(1; \{2^6, 3^2, 8^2\})$	4608
24	$\mathcal{O}(1; \{2^2, 3^5, 8^2\})$	23040
24	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 8^2\})$	18432
24	$\mathcal{O}(1; \{3^2, 4^4, 8^2\})$	73728
24	$\mathcal{O}(1; \{2^3, 3^3, 6, 8^2\})$	13824
24	$\mathcal{O}(1; \{3^3, 4^2, 6, 8^2\})$	55296
24	$\mathcal{O}(1; \{2^4, 3, 6^2, 8^2\})$	4608
24	$\mathcal{O}(1; \{3^4, 6^2, 8^2\})$	50688
24	$\mathcal{O}(1; \{2, 3, 4^2, 6^2, 8^2\})$	18432
24	$\mathcal{O}(1; \{2, 3^2, 6^3, 8^2\})$	23040
24	$\mathcal{O}(1; \{2^2, 6^4, 8^2\})$	13824
24	$\mathcal{O}(1; \{2, 3^2, 4, 8^4\})$	147456
24	$\mathcal{O}(1; \{2^4, 3, 4, 8^2, 12\})$	18432
24	$\mathcal{O}(1; \{3^4, 4, 8^2, 12\})$	92160
24	$\mathcal{O}(1; \{2, 3, 4^3, 8^2, 12\})$	73728
24	$\mathcal{O}(1; \{2, 3^2, 4, 6, 8^2, 12\})$	55296
24	$\mathcal{O}(1; \{2^2, 4, 6^2, 8^2, 12\})$	18432
24	$\mathcal{O}(1; \{2^2, 3, 8^4, 12\})$	147456
24	$\mathcal{O}(1; \{6^2, 8^4, 12\})$	147456
24	$\mathcal{O}(1; \{2^5, 8^2, 12^2\})$	18432
24	$\mathcal{O}(1; \{2, 3^3, 8^2, 12^2\})$	92160
24	$\mathcal{O}(1; \{2^2, 4^2, 8^2, 12^2\})$	73728
24	$\mathcal{O}(1; \{2^2, 3, 6, 8^2, 12^2\})$	55296
24	$\mathcal{O}(1; \{6^3, 8^2, 12^2\})$	92160
24	$\mathcal{O}(1; \{4, 8^4, 12^2\})$	589824
24	$\mathcal{O}(1; \{4, 6, 8^2, 12^3\})$	221184
24	$\mathcal{O}(1; \{3, 8^2, 12^4\})$	368640
24	$\mathcal{O}(1; \{2^3, 3^3, 4, 8, 24\})$	27648
24	$\mathcal{O}(1; \{3^3, 4^3, 8, 24\})$	110592
24	$\mathcal{O}(1; \{2^4, 3, 4, 6, 8, 24\})$	9216
24	$\mathcal{O}(1; \{3^4, 4, 6, 8, 24\})$	101376
24	$\mathcal{O}(1; \{2, 3, 4^3, 6, 8, 24\})$	36864

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2, 3^2, 4, 6^2, 8, 24\})$	46080
24	$\mathcal{O}(1; \{2^2, 4, 6^3, 8, 24\})$	27648
24	$\mathcal{O}(1; \{2, 3^3, 8^3, 24\})$	221184
24	$\mathcal{O}(1; \{2^2, 3, 6, 8^3, 24\})$	73728
24	$\mathcal{O}(1; \{6^3, 8^3, 24\})$	221184
24	$\mathcal{O}(1; \{2^4, 3^2, 8, 12, 24\})$	27648
24	$\mathcal{O}(1; \{3^5, 8, 12, 24\})$	193536
24	$\mathcal{O}(1; \{2, 3^2, 4^2, 8, 12, 24\})$	110592
24	$\mathcal{O}(1; \{2^5, 6, 8, 12, 24\})$	9216
24	$\mathcal{O}(1; \{2, 3^3, 6, 8, 12, 24\})$	101376
24	$\mathcal{O}(1; \{2^2, 4^2, 6, 8, 12, 24\})$	36864
24	$\mathcal{O}(1; \{2^2, 3, 6^2, 8, 12, 24\})$	46080
24	$\mathcal{O}(1; \{6^4, 8, 12, 24\})$	101376
24	$\mathcal{O}(1; \{4, 6, 8^3, 12, 24\})$	294912
24	$\mathcal{O}(1; \{2^2, 3, 4, 8, 12^2, 24\})$	110592
24	$\mathcal{O}(1; \{4, 6^2, 8, 12^2, 24\})$	184320
24	$\mathcal{O}(1; \{3, 8^3, 12^2, 24\})$	884736
24	$\mathcal{O}(1; \{2^3, 8, 12^3, 24\})$	110592
24	$\mathcal{O}(1; \{4^2, 8, 12^3, 24\})$	442368
24	$\mathcal{O}(1; \{3, 6, 8, 12^3, 24\})$	405504
24	$\mathcal{O}(1; \{2^7, 3, 24^2\})$	4608
24	$\mathcal{O}(1; \{2^3, 3^4, 24^2\})$	50688
24	$\mathcal{O}(1; \{2^4, 3, 4^2, 24^2\})$	18432
24	$\mathcal{O}(1; \{3^4, 4^2, 24^2\})$	202752
24	$\mathcal{O}(1; \{2, 3, 4^4, 24^2\})$	73728
24	$\mathcal{O}(1; \{2^4, 3^2, 6, 24^2\})$	23040
24	$\mathcal{O}(1; \{3^5, 6, 24^2\})$	198144
24	$\mathcal{O}(1; \{2, 3^2, 4^2, 6, 24^2\})$	92160
24	$\mathcal{O}(1; \{2^5, 6^2, 24^2\})$	13824
24	$\mathcal{O}(1; \{2, 3^3, 6^2, 24^2\})$	96768
24	$\mathcal{O}(1; \{2^2, 4^2, 6^2, 24^2\})$	55296
24	$\mathcal{O}(1; \{2^2, 3, 6^3, 24^2\})$	50688
24	$\mathcal{O}(1; \{6^5, 24^2\})$	96768
24	$\mathcal{O}(1; \{2^2, 3, 4, 8^2, 24^2\})$	147456
24	$\mathcal{O}(1; \{4, 6^2, 8^2, 24^2\})$	442368
24	$\mathcal{O}(1; \{3, 8^4, 24^2\})$	1179648
24	$\mathcal{O}(1; \{2^5, 4, 12, 24^2\})$	18432
24	$\mathcal{O}(1; \{2, 3^3, 4, 12, 24^2\})$	202752
24	$\mathcal{O}(1; \{2^2, 4^3, 12, 24^2\})$	73728
24	$\mathcal{O}(1; \{2^2, 3, 4, 6, 12, 24^2\})$	92160
24	$\mathcal{O}(1; \{4, 6^3, 12, 24^2\})$	202752
24	$\mathcal{O}(1; \{2^3, 8^2, 12, 24^2\})$	147456
24	$\mathcal{O}(1; \{4^2, 8^2, 12, 24^2\})$	589824

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{3, 6, 8^2, 12, 24^2\})$	737280
24	$\mathcal{O}(1; \{2^2, 3^2, 12^2, 24^2\})$	202752
24	$\mathcal{O}(1; \{2^3, 6, 12^2, 24^2\})$	92160
24	$\mathcal{O}(1; \{4^2, 6, 12^2, 24^2\})$	368640
24	$\mathcal{O}(1; \{3, 6^2, 12^2, 24^2\})$	387072
24	$\mathcal{O}(1; \{3, 4, 12^3, 24^2\})$	811008
24	$\mathcal{O}(1; \{2, 12^4, 24^2\})$	811008
24	$\mathcal{O}(1; \{2^2, 3^2, 8, 24^3\})$	368640
24	$\mathcal{O}(1; \{2^3, 6, 8, 24^3\})$	221184
24	$\mathcal{O}(1; \{4^2, 6, 8, 24^3\})$	884736
24	$\mathcal{O}(1; \{3, 6^2, 8, 24^3\})$	811008
24	$\mathcal{O}(1; \{3, 4, 8, 12, 24^3\})$	1474560
24	$\mathcal{O}(1; \{2, 8, 12^2, 24^3\})$	1474560
24	$\mathcal{O}(1; \{2^3, 4, 24^4\})$	442368
24	$\mathcal{O}(1; \{4^3, 24^4\})$	1769472
24	$\mathcal{O}(1; \{3, 4, 6, 24^4\})$	1622016
24	$\mathcal{O}(1; \{2, 8^2, 24^4\})$	3538944
24	$\mathcal{O}(1; \{3^2, 12, 24^4\})$	3096576
24	$\mathcal{O}(1; \{2, 6, 12, 24^4\})$	1622016
24	$\mathcal{O}(0; \{2^{10}, 3^2, 8^2\})$	8
24	$\mathcal{O}(0; \{2^6, 3^5, 8^2\})$	40
24	$\mathcal{O}(0; \{2^2, 3^8, 8^2\})$	344
24	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 8^2\})$	32
24	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 8^2\})$	160
24	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 8^2\})$	128
24	$\mathcal{O}(0; \{3^5, 4^4, 8^2\})$	640
24	$\mathcal{O}(0; \{2, 3^2, 4^6, 8^2\})$	512
24	$\mathcal{O}(0; \{2^7, 3^3, 6, 8^2\})$	24
24	$\mathcal{O}(0; \{2^3, 3^6, 6, 8^2\})$	168
24	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6, 8^2\})$	96
24	$\mathcal{O}(0; \{3^6, 4^2, 6, 8^2\})$	672
24	$\mathcal{O}(0; \{2, 3^3, 4^4, 6, 8^2\})$	384
24	$\mathcal{O}(0; \{2^8, 3, 6^2, 8^2\})$	8
24	$\mathcal{O}(0; \{2^4, 3^4, 6^2, 8^2\})$	88
24	$\mathcal{O}(0; \{3^7, 6^2, 8^2\})$	680
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^2, 8^2\})$	32
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^2, 8^2\})$	352
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^2, 8^2\})$	128
24	$\mathcal{O}(0; \{2^5, 3^2, 6^3, 8^2\})$	40
24	$\mathcal{O}(0; \{2, 3^5, 6^3, 8^2\})$	344
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^3, 8^2\})$	160
24	$\mathcal{O}(0; \{2^6, 6^4, 8^2\})$	24
24	$\mathcal{O}(0; \{2^2, 3^3, 6^4, 8^2\})$	168

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^3, 4^2, 6^4, 8^2\})$	96
24	$\mathcal{O}(0; \{4^4, 6^4, 8^2\})$	384
24	$\mathcal{O}(0; \{2^3, 3, 6^5, 8^2\})$	88
24	$\mathcal{O}(0; \{3, 4^2, 6^5, 8^2\})$	352
24	$\mathcal{O}(0; \{3^2, 6^6, 8^2\})$	344
24	$\mathcal{O}(0; \{2, 6^7, 8^2\})$	168
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 8^4\})$	256
24	$\mathcal{O}(0; \{2, 3^5, 4, 8^4\})$	1280
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 8^4\})$	1024
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6, 8^4\})$	768
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^2, 8^4\})$	256
24	$\mathcal{O}(0; \{3, 4^3, 6^2, 8^4\})$	1024
24	$\mathcal{O}(0; \{3^2, 4, 6^3, 8^4\})$	1280
24	$\mathcal{O}(0; \{2, 4, 6^4, 8^4\})$	768
24	$\mathcal{O}(0; \{2^3, 3^2, 8^6\})$	2048
24	$\mathcal{O}(0; \{3^2, 4^2, 8^6\})$	8192
24	$\mathcal{O}(0; \{3^3, 6, 8^6\})$	6144
24	$\mathcal{O}(0; \{2, 3, 6^2, 8^6\})$	2048
24	$\mathcal{O}(0; \{2^8, 3, 4, 8^2, 12\})$	32
24	$\mathcal{O}(0; \{2^4, 3^4, 4, 8^2, 12\})$	160
24	$\mathcal{O}(0; \{3^7, 4, 8^2, 12\})$	1376
24	$\mathcal{O}(0; \{2^5, 3, 4^3, 8^2, 12\})$	128
24	$\mathcal{O}(0; \{2, 3^4, 4^3, 8^2, 12\})$	640
24	$\mathcal{O}(0; \{2^2, 3, 4^5, 8^2, 12\})$	512
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 6, 8^2, 12\})$	96
24	$\mathcal{O}(0; \{2, 3^5, 4, 6, 8^2, 12\})$	672
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6, 8^2, 12\})$	384
24	$\mathcal{O}(0; \{2^6, 4, 6^2, 8^2, 12\})$	32
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^2, 8^2, 12\})$	352
24	$\mathcal{O}(0; \{2^3, 4^3, 6^2, 8^2, 12\})$	128
24	$\mathcal{O}(0; \{4^5, 6^2, 8^2, 12\})$	512
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^3, 8^2, 12\})$	160
24	$\mathcal{O}(0; \{3, 4^3, 6^3, 8^2, 12\})$	640
24	$\mathcal{O}(0; \{3^2, 4, 6^4, 8^2, 12\})$	672
24	$\mathcal{O}(0; \{2, 4, 6^5, 8^2, 12\})$	352
24	$\mathcal{O}(0; \{2^6, 3, 8^4, 12\})$	256
24	$\mathcal{O}(0; \{2^2, 3^4, 8^4, 12\})$	1280
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 8^4, 12\})$	1024
24	$\mathcal{O}(0; \{3, 4^4, 8^4, 12\})$	4096
24	$\mathcal{O}(0; \{2^3, 3^2, 6, 8^4, 12\})$	768
24	$\mathcal{O}(0; \{3^2, 4^2, 6, 8^4, 12\})$	3072
24	$\mathcal{O}(0; \{2^4, 6^2, 8^4, 12\})$	256
24	$\mathcal{O}(0; \{3^3, 6^2, 8^4, 12\})$	2816

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 4^2, 6^2, 8^4, 12\})$	1024
24	$\mathcal{O}(0; \{2, 3, 6^3, 8^4, 12\})$	1280
24	$\mathcal{O}(0; \{2, 3, 4, 8^6, 12\})$	8192
24	$\mathcal{O}(0; \{2^9, 8^2, 12^2\})$	32
24	$\mathcal{O}(0; \{2^5, 3^3, 8^2, 12^2\})$	160
24	$\mathcal{O}(0; \{2, 3^6, 8^2, 12^2\})$	1376
24	$\mathcal{O}(0; \{2^6, 4^2, 8^2, 12^2\})$	128
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 8^2, 12^2\})$	640
24	$\mathcal{O}(0; \{2^3, 4^4, 8^2, 12^2\})$	512
24	$\mathcal{O}(0; \{4^6, 8^2, 12^2\})$	2048
24	$\mathcal{O}(0; \{2^6, 3, 6, 8^2, 12^2\})$	96
24	$\mathcal{O}(0; \{2^2, 3^4, 6, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6, 8^2, 12^2\})$	384
24	$\mathcal{O}(0; \{3, 4^4, 6, 8^2, 12^2\})$	1536
24	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 8^2, 12^2\})$	352
24	$\mathcal{O}(0; \{3^2, 4^2, 6^2, 8^2, 12^2\})$	1408
24	$\mathcal{O}(0; \{2^4, 6^3, 8^2, 12^2\})$	160
24	$\mathcal{O}(0; \{3^3, 6^3, 8^2, 12^2\})$	1376
24	$\mathcal{O}(0; \{2, 4^2, 6^3, 8^2, 12^2\})$	640
24	$\mathcal{O}(0; \{2, 3, 6^4, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2^4, 4, 8^4, 12^2\})$	1024
24	$\mathcal{O}(0; \{3^3, 4, 8^4, 12^2\})$	5120
24	$\mathcal{O}(0; \{2, 4^3, 8^4, 12^2\})$	4096
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8^4, 12^2\})$	3072
24	$\mathcal{O}(0; \{2^2, 8^6, 12^2\})$	8192
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 8^2, 12^3\})$	640
24	$\mathcal{O}(0; \{3^2, 4^3, 8^2, 12^3\})$	2560
24	$\mathcal{O}(0; \{2^4, 4, 6, 8^2, 12^3\})$	384
24	$\mathcal{O}(0; \{3^3, 4, 6, 8^2, 12^3\})$	2688
24	$\mathcal{O}(0; \{2, 4^3, 6, 8^2, 12^3\})$	1536
24	$\mathcal{O}(0; \{2, 3, 4, 6^2, 8^2, 12^3\})$	1408
24	$\mathcal{O}(0; \{2, 3^2, 8^4, 12^3\})$	5120
24	$\mathcal{O}(0; \{2^2, 6, 8^4, 12^3\})$	3072
24	$\mathcal{O}(0; \{2^4, 3, 8^2, 12^4\})$	640
24	$\mathcal{O}(0; \{3^4, 8^2, 12^4\})$	5504
24	$\mathcal{O}(0; \{2, 3, 4^2, 8^2, 12^4\})$	2560
24	$\mathcal{O}(0; \{2, 3^2, 6, 8^2, 12^4\})$	2688
24	$\mathcal{O}(0; \{2^2, 6^2, 8^2, 12^4\})$	1408
24	$\mathcal{O}(0; \{2^2, 4, 8^2, 12^5\})$	2560
24	$\mathcal{O}(0; \{8^4, 12^5\})$	20480
24	$\mathcal{O}(0; \{6, 8^2, 12^6\})$	10752
24	$\mathcal{O}(0; \{2^7, 3^3, 4, 8, 24\})$	48
24	$\mathcal{O}(0; \{2^3, 3^6, 4, 8, 24\})$	336

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 8, 24\})$	192
24	$\mathcal{O}(0; \{3^6, 4^3, 8, 24\})$	1344
24	$\mathcal{O}(0; \{2, 3^3, 4^5, 8, 24\})$	768
24	$\mathcal{O}(0; \{2^8, 3, 4, 6, 8, 24\})$	16
24	$\mathcal{O}(0; \{2^4, 3^4, 4, 6, 8, 24\})$	176
24	$\mathcal{O}(0; \{3^7, 4, 6, 8, 24\})$	1360
24	$\mathcal{O}(0; \{2^5, 3, 4^3, 6, 8, 24\})$	64
24	$\mathcal{O}(0; \{2, 3^4, 4^3, 6, 8, 24\})$	704
24	$\mathcal{O}(0; \{2^2, 3, 4^5, 6, 8, 24\})$	256
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^2, 8, 24\})$	80
24	$\mathcal{O}(0; \{2, 3^5, 4, 6^2, 8, 24\})$	688
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^2, 8, 24\})$	320
24	$\mathcal{O}(0; \{2^6, 4, 6^3, 8, 24\})$	48
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^3, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^3, 4^3, 6^3, 8, 24\})$	192
24	$\mathcal{O}(0; \{4^5, 6^3, 8, 24\})$	768
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^4, 8, 24\})$	176
24	$\mathcal{O}(0; \{3, 4^3, 6^4, 8, 24\})$	704
24	$\mathcal{O}(0; \{3^2, 4, 6^5, 8, 24\})$	688
24	$\mathcal{O}(0; \{2, 4, 6^6, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^5, 3^3, 8^3, 24\})$	384
24	$\mathcal{O}(0; \{2, 3^6, 8^3, 24\})$	2688
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 8^3, 24\})$	1536
24	$\mathcal{O}(0; \{2^6, 3, 6, 8^3, 24\})$	128
24	$\mathcal{O}(0; \{2^2, 3^4, 6, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6, 8^3, 24\})$	512
24	$\mathcal{O}(0; \{3, 4^4, 6, 8^3, 24\})$	2048
24	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 8^3, 24\})$	640
24	$\mathcal{O}(0; \{3^2, 4^2, 6^2, 8^3, 24\})$	2560
24	$\mathcal{O}(0; \{2^4, 6^3, 8^3, 24\})$	384
24	$\mathcal{O}(0; \{3^3, 6^3, 8^3, 24\})$	2688
24	$\mathcal{O}(0; \{2, 4^2, 6^3, 8^3, 24\})$	1536
24	$\mathcal{O}(0; \{2, 3, 6^4, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{3^3, 4, 8^5, 24\})$	12288
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8^5, 24\})$	4096
24	$\mathcal{O}(0; \{2^8, 3^2, 8, 12, 24\})$	48
24	$\mathcal{O}(0; \{2^4, 3^5, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{3^8, 8, 12, 24\})$	2736
24	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 8, 12, 24\})$	192
24	$\mathcal{O}(0; \{2, 3^5, 4^2, 8, 12, 24\})$	1344
24	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 8, 12, 24\})$	768
24	$\mathcal{O}(0; \{2^9, 6, 8, 12, 24\})$	16
24	$\mathcal{O}(0; \{2^5, 3^3, 6, 8, 12, 24\})$	176

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 3^6, 6, 8, 12, 24\})$	1360
24	$\mathcal{O}(0; \{2^6, 4^2, 6, 8, 12, 24\})$	64
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6, 8, 12, 24\})$	704
24	$\mathcal{O}(0; \{2^3, 4^4, 6, 8, 12, 24\})$	256
24	$\mathcal{O}(0; \{4^6, 6, 8, 12, 24\})$	1024
24	$\mathcal{O}(0; \{2^6, 3, 6^2, 8, 12, 24\})$	80
24	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^2, 8, 12, 24\})$	320
24	$\mathcal{O}(0; \{3, 4^4, 6^2, 8, 12, 24\})$	1280
24	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{3^2, 4^2, 6^3, 8, 12, 24\})$	1344
24	$\mathcal{O}(0; \{2^4, 6^4, 8, 12, 24\})$	176
24	$\mathcal{O}(0; \{3^3, 6^4, 8, 12, 24\})$	1360
24	$\mathcal{O}(0; \{2, 4^2, 6^4, 8, 12, 24\})$	704
24	$\mathcal{O}(0; \{2, 3, 6^5, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 8^3, 12, 24\})$	1536
24	$\mathcal{O}(0; \{3^2, 4^3, 8^3, 12, 24\})$	6144
24	$\mathcal{O}(0; \{2^4, 4, 6, 8^3, 12, 24\})$	512
24	$\mathcal{O}(0; \{3^3, 4, 6, 8^3, 12, 24\})$	5632
24	$\mathcal{O}(0; \{2, 4^3, 6, 8^3, 12, 24\})$	2048
24	$\mathcal{O}(0; \{2, 3, 4, 6^2, 8^3, 12, 24\})$	2560
24	$\mathcal{O}(0; \{2, 3^2, 8^5, 12, 24\})$	12288
24	$\mathcal{O}(0; \{2^2, 6, 8^5, 12, 24\})$	4096
24	$\mathcal{O}(0; \{2^6, 3, 4, 8, 12^2, 24\})$	192
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 8, 12^2, 24\})$	1344
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 8, 12^2, 24\})$	768
24	$\mathcal{O}(0; \{3, 4^5, 8, 12^2, 24\})$	3072
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6, 8, 12^2, 24\})$	704
24	$\mathcal{O}(0; \{3^2, 4^3, 6, 8, 12^2, 24\})$	2816
24	$\mathcal{O}(0; \{2^4, 4, 6^2, 8, 12^2, 24\})$	320
24	$\mathcal{O}(0; \{3^3, 4, 6^2, 8, 12^2, 24\})$	2752
24	$\mathcal{O}(0; \{2, 4^3, 6^2, 8, 12^2, 24\})$	1280
24	$\mathcal{O}(0; \{2, 3, 4, 6^3, 8, 12^2, 24\})$	1344
24	$\mathcal{O}(0; \{2^4, 3, 8^3, 12^2, 24\})$	1536
24	$\mathcal{O}(0; \{3^4, 8^3, 12^2, 24\})$	10752
24	$\mathcal{O}(0; \{2, 3, 4^2, 8^3, 12^2, 24\})$	6144
24	$\mathcal{O}(0; \{2, 3^2, 6, 8^3, 12^2, 24\})$	5632
24	$\mathcal{O}(0; \{2^2, 6^2, 8^3, 12^2, 24\})$	2560
24	$\mathcal{O}(0; \{2^7, 8, 12^3, 24\})$	192
24	$\mathcal{O}(0; \{2^3, 3^3, 8, 12^3, 24\})$	1344
24	$\mathcal{O}(0; \{2^4, 4^2, 8, 12^3, 24\})$	768
24	$\mathcal{O}(0; \{3^3, 4^2, 8, 12^3, 24\})$	5376
24	$\mathcal{O}(0; \{2, 4^4, 8, 12^3, 24\})$	3072

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 3, 6, 8, 12^3, 24\})$	704
24	$\mathcal{O}(0; \{3^4, 6, 8, 12^3, 24\})$	5440
24	$\mathcal{O}(0; \{2, 3, 4^2, 6, 8, 12^3, 24\})$	2816
24	$\mathcal{O}(0; \{2, 3^2, 6^2, 8, 12^3, 24\})$	2752
24	$\mathcal{O}(0; \{2^2, 6^3, 8, 12^3, 24\})$	1344
24	$\mathcal{O}(0; \{2^2, 4, 8^3, 12^3, 24\})$	6144
24	$\mathcal{O}(0; \{8^5, 12^3, 24\})$	49152
24	$\mathcal{O}(0; \{2, 3^2, 4, 8, 12^4, 24\})$	5376
24	$\mathcal{O}(0; \{2^2, 4, 6, 8, 12^4, 24\})$	2816
24	$\mathcal{O}(0; \{6, 8^3, 12^4, 24\})$	22528
24	$\mathcal{O}(0; \{2^2, 3, 8, 12^5, 24\})$	5376
24	$\mathcal{O}(0; \{6^2, 8, 12^5, 24\})$	11008
24	$\mathcal{O}(0; \{4, 8, 12^6, 24\})$	21504
24	$\mathcal{O}(0; \{2^{11}, 3, 24^2\})$	8
24	$\mathcal{O}(0; \{2^7, 3^4, 24^2\})$	88
24	$\mathcal{O}(0; \{2^3, 3^7, 24^2\})$	680
24	$\mathcal{O}(0; \{2^8, 3, 4^2, 24^2\})$	32
24	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 24^2\})$	352
24	$\mathcal{O}(0; \{3^7, 4^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^5, 3, 4^4, 24^2\})$	128
24	$\mathcal{O}(0; \{2, 3^4, 4^4, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^2, 3, 4^6, 24^2\})$	512
24	$\mathcal{O}(0; \{2^8, 3^2, 6, 24^2\})$	40
24	$\mathcal{O}(0; \{2^4, 3^5, 6, 24^2\})$	344
24	$\mathcal{O}(0; \{3^8, 6, 24^2\})$	2728
24	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6, 24^2\})$	160
24	$\mathcal{O}(0; \{2, 3^5, 4^2, 6, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6, 24^2\})$	640
24	$\mathcal{O}(0; \{2^9, 6^2, 24^2\})$	24
24	$\mathcal{O}(0; \{2^5, 3^3, 6^2, 24^2\})$	168
24	$\mathcal{O}(0; \{2, 3^6, 6^2, 24^2\})$	1368
24	$\mathcal{O}(0; \{2^6, 4^2, 6^2, 24^2\})$	96
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^2, 24^2\})$	672
24	$\mathcal{O}(0; \{2^3, 4^4, 6^2, 24^2\})$	384
24	$\mathcal{O}(0; \{4^6, 6^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^6, 3, 6^3, 24^2\})$	88
24	$\mathcal{O}(0; \{2^2, 3^4, 6^3, 24^2\})$	680
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^3, 24^2\})$	352
24	$\mathcal{O}(0; \{3, 4^4, 6^3, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^3, 3^2, 6^4, 24^2\})$	344
24	$\mathcal{O}(0; \{3^2, 4^2, 6^4, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^4, 6^5, 24^2\})$	168
24	$\mathcal{O}(0; \{3^3, 6^5, 24^2\})$	1368

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 4^2, 6^5, 24^2\})$	672
24	$\mathcal{O}(0; \{2, 3, 6^6, 24^2\})$	680
24	$\mathcal{O}(0; \{2^6, 3, 4, 8^2, 24^2\})$	256
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 8^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 8^2, 24^2\})$	1024
24	$\mathcal{O}(0; \{3, 4^5, 8^2, 24^2\})$	4096
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6, 8^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{3^2, 4^3, 6, 8^2, 24^2\})$	5120
24	$\mathcal{O}(0; \{2^4, 4, 6^2, 8^2, 24^2\})$	768
24	$\mathcal{O}(0; \{3^3, 4, 6^2, 8^2, 24^2\})$	5376
24	$\mathcal{O}(0; \{2, 4^3, 6^2, 8^2, 24^2\})$	3072
24	$\mathcal{O}(0; \{2, 3, 4, 6^3, 8^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^4, 3, 8^4, 24^2\})$	2048
24	$\mathcal{O}(0; \{3^4, 8^4, 24^2\})$	22528
24	$\mathcal{O}(0; \{2, 3, 4^2, 8^4, 24^2\})$	8192
24	$\mathcal{O}(0; \{2, 3^2, 6, 8^4, 24^2\})$	10240
24	$\mathcal{O}(0; \{2^2, 6^2, 8^4, 24^2\})$	6144
24	$\mathcal{O}(0; \{2^9, 4, 12, 24^2\})$	32
24	$\mathcal{O}(0; \{2^5, 3^3, 4, 12, 24^2\})$	352
24	$\mathcal{O}(0; \{2, 3^6, 4, 12, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^6, 4^3, 12, 24^2\})$	128
24	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 12, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^3, 4^5, 12, 24^2\})$	512
24	$\mathcal{O}(0; \{4^7, 12, 24^2\})$	2048
24	$\mathcal{O}(0; \{2^6, 3, 4, 6, 12, 24^2\})$	160
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 6, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 6, 12, 24^2\})$	640
24	$\mathcal{O}(0; \{3, 4^5, 6, 12, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^2, 12, 24^2\})$	672
24	$\mathcal{O}(0; \{3^2, 4^3, 6^2, 12, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^4, 4, 6^3, 12, 24^2\})$	352
24	$\mathcal{O}(0; \{3^3, 4, 6^3, 12, 24^2\})$	2720
24	$\mathcal{O}(0; \{2, 4^3, 6^3, 12, 24^2\})$	1408
24	$\mathcal{O}(0; \{2, 3, 4, 6^4, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^7, 8^2, 12, 24^2\})$	256
24	$\mathcal{O}(0; \{2^3, 3^3, 8^2, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^4, 4^2, 8^2, 12, 24^2\})$	1024
24	$\mathcal{O}(0; \{3^3, 4^2, 8^2, 12, 24^2\})$	11264
24	$\mathcal{O}(0; \{2, 4^4, 8^2, 12, 24^2\})$	4096
24	$\mathcal{O}(0; \{2^4, 3, 6, 8^2, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{3^4, 6, 8^2, 12, 24^2\})$	11008
24	$\mathcal{O}(0; \{2, 3, 4^2, 6, 8^2, 12, 24^2\})$	5120
24	$\mathcal{O}(0; \{2, 3^2, 6^2, 8^2, 12, 24^2\})$	5376

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^2, 6^3, 8^2, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^2, 4, 8^4, 12, 24^2\})$	8192
24	$\mathcal{O}(0; \{8^6, 12, 24^2\})$	65536
24	$\mathcal{O}(0; \{2^6, 3^2, 12^2, 24^2\})$	352
24	$\mathcal{O}(0; \{2^2, 3^5, 12^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 12^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{3^2, 4^4, 12^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^7, 6, 12^2, 24^2\})$	160
24	$\mathcal{O}(0; \{2^3, 3^3, 6, 12^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^4, 4^2, 6, 12^2, 24^2\})$	640
24	$\mathcal{O}(0; \{3^3, 4^2, 6, 12^2, 24^2\})$	5504
24	$\mathcal{O}(0; \{2, 4^4, 6, 12^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^4, 3, 6^2, 12^2, 24^2\})$	672
24	$\mathcal{O}(0; \{3^4, 6^2, 12^2, 24^2\})$	5472
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^2, 12^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2, 3^2, 6^3, 12^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^2, 6^4, 12^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{2, 3^2, 4, 8^2, 12^2, 24^2\})$	11264
24	$\mathcal{O}(0; \{2^2, 4, 6, 8^2, 12^2, 24^2\})$	5120
24	$\mathcal{O}(0; \{6, 8^4, 12^2, 24^2\})$	40960
24	$\mathcal{O}(0; \{2^4, 3, 4, 12^3, 24^2\})$	1408
24	$\mathcal{O}(0; \{3^4, 4, 12^3, 24^2\})$	10880
24	$\mathcal{O}(0; \{2, 3, 4^3, 12^3, 24^2\})$	5632
24	$\mathcal{O}(0; \{2, 3^2, 4, 6, 12^3, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^2, 4, 6^2, 12^3, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^2, 3, 8^2, 12^3, 24^2\})$	11264
24	$\mathcal{O}(0; \{6^2, 8^2, 12^3, 24^2\})$	21504
24	$\mathcal{O}(0; \{2^5, 12^4, 24^2\})$	1408
24	$\mathcal{O}(0; \{2, 3^3, 12^4, 24^2\})$	10880
24	$\mathcal{O}(0; \{2^2, 4^2, 12^4, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^2, 3, 6, 12^4, 24^2\})$	5504
24	$\mathcal{O}(0; \{6^3, 12^4, 24^2\})$	10880
24	$\mathcal{O}(0; \{4, 8^2, 12^4, 24^2\})$	45056
24	$\mathcal{O}(0; \{4, 6, 12^5, 24^2\})$	22016
24	$\mathcal{O}(0; \{3, 12^6, 24^2\})$	43520
24	$\mathcal{O}(0; \{2^6, 3^2, 8, 24^3\})$	640
24	$\mathcal{O}(0; \{2^2, 3^5, 8, 24^3\})$	5504
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 8, 24^3\})$	2560
24	$\mathcal{O}(0; \{3^2, 4^4, 8, 24^3\})$	10240
24	$\mathcal{O}(0; \{2^7, 6, 8, 24^3\})$	384
24	$\mathcal{O}(0; \{2^3, 3^3, 6, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{2^4, 4^2, 6, 8, 24^3\})$	1536
24	$\mathcal{O}(0; \{3^3, 4^2, 6, 8, 24^3\})$	10752

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 4^4, 6, 8, 24^3\})$	6144
24	$\mathcal{O}(0; \{2^4, 3, 6^2, 8, 24^3\})$	1408
24	$\mathcal{O}(0; \{3^4, 6^2, 8, 24^3\})$	10880
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^2, 8, 24^3\})$	5632
24	$\mathcal{O}(0; \{2, 3^2, 6^3, 8, 24^3\})$	5504
24	$\mathcal{O}(0; \{2^2, 6^4, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{2, 3^2, 4, 8^3, 24^3\})$	20480
24	$\mathcal{O}(0; \{2^2, 4, 6, 8^3, 24^3\})$	12288
24	$\mathcal{O}(0; \{6, 8^5, 24^3\})$	98304
24	$\mathcal{O}(0; \{2^4, 3, 4, 8, 12, 24^3\})$	2560
24	$\mathcal{O}(0; \{3^4, 4, 8, 12, 24^3\})$	22016
24	$\mathcal{O}(0; \{2, 3, 4^3, 8, 12, 24^3\})$	10240
24	$\mathcal{O}(0; \{2, 3^2, 4, 6, 8, 12, 24^3\})$	10752
24	$\mathcal{O}(0; \{2^2, 4, 6^2, 8, 12, 24^3\})$	5632
24	$\mathcal{O}(0; \{2^2, 3, 8^3, 12, 24^3\})$	20480
24	$\mathcal{O}(0; \{6^2, 8^3, 12, 24^3\})$	45056
24	$\mathcal{O}(0; \{2^5, 8, 12^2, 24^3\})$	2560
24	$\mathcal{O}(0; \{2, 3^3, 8, 12^2, 24^3\})$	22016
24	$\mathcal{O}(0; \{2^2, 4^2, 8, 12^2, 24^3\})$	10240
24	$\mathcal{O}(0; \{2^2, 3, 6, 8, 12^2, 24^3\})$	10752
24	$\mathcal{O}(0; \{6^3, 8, 12^2, 24^3\})$	22016
24	$\mathcal{O}(0; \{4, 8^3, 12^2, 24^3\})$	81920
24	$\mathcal{O}(0; \{4, 6, 8, 12^3, 24^3\})$	43008
24	$\mathcal{O}(0; \{3, 8, 12^4, 24^3\})$	88064
24	$\mathcal{O}(0; \{2^7, 4, 24^4\})$	768
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 24^4\})$	5376
24	$\mathcal{O}(0; \{2^4, 4^3, 24^4\})$	3072
24	$\mathcal{O}(0; \{3^3, 4^3, 24^4\})$	21504
24	$\mathcal{O}(0; \{2, 4^5, 24^4\})$	12288
24	$\mathcal{O}(0; \{2^4, 3, 4, 6, 24^4\})$	2816
24	$\mathcal{O}(0; \{3^4, 4, 6, 24^4\})$	21760
24	$\mathcal{O}(0; \{2, 3, 4^3, 6, 24^4\})$	11264
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^2, 24^4\})$	11008
24	$\mathcal{O}(0; \{2^2, 4, 6^3, 24^4\})$	5376
24	$\mathcal{O}(0; \{2^5, 8^2, 24^4\})$	6144
24	$\mathcal{O}(0; \{2, 3^3, 8^2, 24^4\})$	43008
24	$\mathcal{O}(0; \{2^2, 4^2, 8^2, 24^4\})$	24576
24	$\mathcal{O}(0; \{2^2, 3, 6, 8^2, 24^4\})$	22528
24	$\mathcal{O}(0; \{6^3, 8^2, 24^4\})$	43008
24	$\mathcal{O}(0; \{4, 8^4, 24^4\})$	196608
24	$\mathcal{O}(0; \{2^4, 3^2, 12, 24^4\})$	5376
24	$\mathcal{O}(0; \{3^5, 12, 24^4\})$	43776
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 12, 24^4\})$	21504

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^5, 6, 12, 24^4\})$	2816
24	$\mathcal{O}(0; \{2, 3^3, 6, 12, 24^4\})$	21760
24	$\mathcal{O}(0; \{2^2, 4^2, 6, 12, 24^4\})$	11264
24	$\mathcal{O}(0; \{2^2, 3, 6^2, 12, 24^4\})$	11008
24	$\mathcal{O}(0; \{6^4, 12, 24^4\})$	21760
24	$\mathcal{O}(0; \{4, 6, 8^2, 12, 24^4\})$	90112
24	$\mathcal{O}(0; \{2^2, 3, 4, 12^2, 24^4\})$	21504
24	$\mathcal{O}(0; \{4, 6^2, 12^2, 24^4\})$	44032
24	$\mathcal{O}(0; \{3, 8^2, 12^2, 24^4\})$	172032
24	$\mathcal{O}(0; \{2^3, 12^3, 24^4\})$	21504
24	$\mathcal{O}(0; \{4^2, 12^3, 24^4\})$	86016
24	$\mathcal{O}(0; \{3, 6, 12^3, 24^4\})$	87040
24	$\mathcal{O}(0; \{2^2, 3, 4, 8, 24^5\})$	45056
24	$\mathcal{O}(0; \{4, 6^2, 8, 24^5\})$	86016
24	$\mathcal{O}(0; \{3, 8^3, 24^5\})$	360448
24	$\mathcal{O}(0; \{2^3, 8, 12, 24^5\})$	45056
24	$\mathcal{O}(0; \{4^2, 8, 12, 24^5\})$	180224
24	$\mathcal{O}(0; \{3, 6, 8, 12, 24^5\})$	176128
24	$\mathcal{O}(0; \{2^2, 3^2, 24^6\})$	88064
24	$\mathcal{O}(0; \{2^3, 6, 24^6\})$	43008
24	$\mathcal{O}(0; \{4^2, 6, 24^6\})$	172032
24	$\mathcal{O}(0; \{3, 6^2, 24^6\})$	174080
24	$\mathcal{O}(0; \{3, 4, 12, 24^6\})$	352256
24	$\mathcal{O}(0; \{2, 12^2, 24^6\})$	352256
24	$\mathcal{O}(0; \{2, 8, 24^7\})$	688128
25	$\mathcal{O}(2; \{25^4\})$	2539062500
25	$\mathcal{O}(0; \{5^5, 25^4\})$	6656000
26	$\mathcal{O}(1; \{2^2, 13^5\})$	12938640
26	$\mathcal{O}(1; \{13^4, 26^2\})$	155271792
26	$\mathcal{O}(0; \{2^6, 13^5\})$	19140
26	$\mathcal{O}(0; \{2^4, 13^4, 26^2\})$	229692
26	$\mathcal{O}(0; \{2^2, 13^3, 26^4\})$	2756292
26	$\mathcal{O}(0; \{13^2, 26^6\})$	33075516
27	$\mathcal{O}(1; \{3, 9, 27^4\})$	38263752
27	$\mathcal{O}(0; \{3^4, 9, 27^4\})$	419904
27	$\mathcal{O}(0; \{9^4, 27^4\})$	5668704
27	$\mathcal{O}(0; \{3, 27^7\})$	44641044
28	$\mathcal{O}(2; \{4^2, 7^2\})$	7375872
28	$\mathcal{O}(1; \{2^4, 4^2, 7^2\})$	9408
28	$\mathcal{O}(1; \{2, 4^4, 7^2\})$	37632
28	$\mathcal{O}(1; \{2^2, 4^2, 7, 14^2\})$	47040
28	$\mathcal{O}(1; \{4^2, 14^4\})$	291648
28	$\mathcal{O}(1; \{4, 7^3, 14, 28\})$	1740480

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(1; \{2^3, 7, 14, 28^2\})$	291648
28	$\mathcal{O}(1; \{4^2, 7, 14, 28^2\})$	1166592
28	$\mathcal{O}(1; \{2, 14^3, 28^2\})$	1740480
28	$\mathcal{O}(1; \{2, 7, 28^4\})$	6961920
28	$\mathcal{O}(0; \{2^8, 4^2, 7^2\})$	12
28	$\mathcal{O}(0; \{2^5, 4^4, 7^2\})$	48
28	$\mathcal{O}(0; \{2^2, 4^6, 7^2\})$	192
28	$\mathcal{O}(0; \{2, 4^2, 7^5, 14\})$	13332
28	$\mathcal{O}(0; \{2^6, 4^2, 7, 14^2\})$	60
28	$\mathcal{O}(0; \{2^3, 4^4, 7, 14^2\})$	240
28	$\mathcal{O}(0; \{4^6, 7, 14^2\})$	960
28	$\mathcal{O}(0; \{2^4, 4^2, 14^4\})$	372
28	$\mathcal{O}(0; \{2, 4^4, 14^4\})$	1488
28	$\mathcal{O}(0; \{2^4, 4, 7^3, 14, 28\})$	2220
28	$\mathcal{O}(0; \{2, 4^3, 7^3, 14, 28\})$	8880
28	$\mathcal{O}(0; \{2^2, 4, 7^2, 14^3, 28\})$	13332
28	$\mathcal{O}(0; \{4, 7, 14^5, 28\})$	79980
28	$\mathcal{O}(0; \{2^2, 7^5, 28^2\})$	79980
28	$\mathcal{O}(0; \{2^7, 7, 14, 28^2\})$	372
28	$\mathcal{O}(0; \{2^4, 4^2, 7, 14, 28^2\})$	1488
28	$\mathcal{O}(0; \{2, 4^4, 7, 14, 28^2\})$	5952
28	$\mathcal{O}(0; \{7^4, 14^2, 28^2\})$	479892
28	$\mathcal{O}(0; \{2^5, 14^3, 28^2\})$	2220
28	$\mathcal{O}(0; \{2^2, 4^2, 14^3, 28^2\})$	8880
28	$\mathcal{O}(0; \{2^2, 4, 7^3, 28^3\})$	53328
28	$\mathcal{O}(0; \{4, 7^2, 14^2, 28^3\})$	319920
28	$\mathcal{O}(0; \{2^5, 7, 28^4\})$	8880
28	$\mathcal{O}(0; \{2^2, 4^2, 7, 28^4\})$	35520
28	$\mathcal{O}(0; \{2^3, 14^2, 28^4\})$	53328
28	$\mathcal{O}(0; \{4^2, 14^2, 28^4\})$	213312
28	$\mathcal{O}(0; \{2, 14, 28^6\})$	1279680
30	$\mathcal{O}(2; \{2^2, 15^2\})$	6480000
30	$\mathcal{O}(2; \{15, 30^2\})$	19440000
30	$\mathcal{O}(1; \{5^4, 6^2\})$	93600
30	$\mathcal{O}(1; \{2, 3^4, 5, 10\})$	21600
30	$\mathcal{O}(1; \{2^2, 3^2, 5, 6, 10\})$	7200
30	$\mathcal{O}(1; \{2^3, 5, 6^2, 10\})$	7200
30	$\mathcal{O}(1; \{3, 5, 6^3, 10\})$	21600
30	$\mathcal{O}(1; \{3^2, 6, 10^3\})$	21600
30	$\mathcal{O}(1; \{2, 6^2, 10^3\})$	21600
30	$\mathcal{O}(1; \{2^2, 3^2, 5^2, 15\})$	21600
30	$\mathcal{O}(1; \{2^3, 5^2, 6, 15\})$	21600
30	$\mathcal{O}(1; \{3, 5^2, 6^2, 15\})$	64800

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{3^2, 5, 10^2, 15\})$	93600
30	$\mathcal{O}(1; \{2, 5, 6, 10^2, 15\})$	93600
30	$\mathcal{O}(1; \{2^6, 15^2\})$	7200
30	$\mathcal{O}(1; \{2^2, 3^3, 15^2\})$	36000
30	$\mathcal{O}(1; \{2^3, 3, 6, 15^2\})$	21600
30	$\mathcal{O}(1; \{3^2, 6^2, 15^2\})$	79200
30	$\mathcal{O}(1; \{2, 6^3, 15^2\})$	36000
30	$\mathcal{O}(1; \{2, 5^2, 10, 15^2\})$	367200
30	$\mathcal{O}(1; \{2, 3, 10, 15^3\})$	280800
30	$\mathcal{O}(1; \{3, 5^3, 6, 30\})$	93600
30	$\mathcal{O}(1; \{2^2, 3^3, 10, 30\})$	21600
30	$\mathcal{O}(1; \{2^3, 3, 6, 10, 30\})$	7200
30	$\mathcal{O}(1; \{3^2, 6^2, 10, 30\})$	36000
30	$\mathcal{O}(1; \{2, 6^3, 10, 30\})$	21600
30	$\mathcal{O}(1; \{2^3, 3, 5, 15, 30\})$	21600
30	$\mathcal{O}(1; \{3^2, 5, 6, 15, 30\})$	108000
30	$\mathcal{O}(1; \{2, 5, 6^2, 15, 30\})$	64800
30	$\mathcal{O}(1; \{2, 3, 10^2, 15, 30\})$	93600
30	$\mathcal{O}(1; \{3^2, 5^2, 30^2\})$	280800
30	$\mathcal{O}(1; \{2, 5^2, 6, 30^2\})$	93600
30	$\mathcal{O}(1; \{2^4, 15, 30^2\})$	21600
30	$\mathcal{O}(1; \{3^3, 15, 30^2\})$	237600
30	$\mathcal{O}(1; \{2, 3, 6, 15, 30^2\})$	108000
30	$\mathcal{O}(1; \{2, 3, 5, 30^3\})$	280800
30	$\mathcal{O}(1; \{2^2, 30^4\})$	280800
30	$\mathcal{O}(0; \{2^2, 3^4, 5^4\})$	312
30	$\mathcal{O}(0; \{2^3, 3^2, 5^4, 6\})$	104
30	$\mathcal{O}(0; \{2^4, 5^4, 6^2\})$	104
30	$\mathcal{O}(0; \{3^3, 5^4, 6^2\})$	520
30	$\mathcal{O}(0; \{2, 3, 5^4, 6^3\})$	312
30	$\mathcal{O}(0; \{2^5, 3^4, 5, 10\})$	24
30	$\mathcal{O}(0; \{2, 3^7, 5, 10\})$	168
30	$\mathcal{O}(0; \{2^6, 3^2, 5, 6, 10\})$	8
30	$\mathcal{O}(0; \{2^2, 3^5, 5, 6, 10\})$	88
30	$\mathcal{O}(0; \{2^7, 5, 6^2, 10\})$	8
30	$\mathcal{O}(0; \{2^3, 3^3, 5, 6^2, 10\})$	40
30	$\mathcal{O}(0; \{2^4, 3, 5, 6^3, 10\})$	24
30	$\mathcal{O}(0; \{3^4, 5, 6^3, 10\})$	168
30	$\mathcal{O}(0; \{2, 3^2, 5, 6^4, 10\})$	88
30	$\mathcal{O}(0; \{2^2, 5, 6^5, 10\})$	40
30	$\mathcal{O}(0; \{3^4, 5^3, 10^2\})$	1224
30	$\mathcal{O}(0; \{2, 3^2, 5^3, 6, 10^2\})$	408
30	$\mathcal{O}(0; \{2^2, 5^3, 6^2, 10^2\})$	408

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^3, 3^4, 10^3\})$	72
30	$\mathcal{O}(0; \{2^4, 3^2, 6, 10^3\})$	24
30	$\mathcal{O}(0; \{3^5, 6, 10^3\})$	264
30	$\mathcal{O}(0; \{2^5, 6^2, 10^3\})$	24
30	$\mathcal{O}(0; \{2, 3^3, 6^2, 10^3\})$	120
30	$\mathcal{O}(0; \{2^2, 3, 6^3, 10^3\})$	72
30	$\mathcal{O}(0; \{6^5, 10^3\})$	120
30	$\mathcal{O}(0; \{5^2, 6^2, 10^4\})$	1640
30	$\mathcal{O}(0; \{2^6, 3^2, 5^2, 15\})$	24
30	$\mathcal{O}(0; \{2^2, 3^5, 5^2, 15\})$	264
30	$\mathcal{O}(0; \{2^7, 5^2, 6, 15\})$	24
30	$\mathcal{O}(0; \{2^3, 3^3, 5^2, 6, 15\})$	120
30	$\mathcal{O}(0; \{2^4, 3, 5^2, 6^2, 15\})$	72
30	$\mathcal{O}(0; \{3^4, 5^2, 6^2, 15\})$	504
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 6^3, 15\})$	264
30	$\mathcal{O}(0; \{2^2, 5^2, 6^4, 15\})$	120
30	$\mathcal{O}(0; \{2, 3^2, 5^4, 10, 15\})$	1640
30	$\mathcal{O}(0; \{2^2, 5^4, 6, 10, 15\})$	1640
30	$\mathcal{O}(0; \{2^4, 3^2, 5, 10^2, 15\})$	104
30	$\mathcal{O}(0; \{3^5, 5, 10^2, 15\})$	1144
30	$\mathcal{O}(0; \{2^5, 5, 6, 10^2, 15\})$	104
30	$\mathcal{O}(0; \{2, 3^3, 5, 6, 10^2, 15\})$	520
30	$\mathcal{O}(0; \{2^2, 3, 5, 6^2, 10^2, 15\})$	312
30	$\mathcal{O}(0; \{5, 6^4, 10^2, 15\})$	520
30	$\mathcal{O}(0; \{5^3, 6, 10^3, 15\})$	6552
30	$\mathcal{O}(0; \{2^2, 3^2, 10^4, 15\})$	408
30	$\mathcal{O}(0; \{2^3, 6, 10^4, 15\})$	408
30	$\mathcal{O}(0; \{3, 6^2, 10^4, 15\})$	1224
30	$\mathcal{O}(0; \{2^{10}, 15^2\})$	8
30	$\mathcal{O}(0; \{2^6, 3^3, 15^2\})$	40
30	$\mathcal{O}(0; \{2^2, 3^6, 15^2\})$	344
30	$\mathcal{O}(0; \{2^2, 5^5, 15^2\})$	6552
30	$\mathcal{O}(0; \{2^7, 3, 6, 15^2\})$	24
30	$\mathcal{O}(0; \{2^3, 3^4, 6, 15^2\})$	168
30	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 15^2\})$	88
30	$\mathcal{O}(0; \{3^5, 6^2, 15^2\})$	680
30	$\mathcal{O}(0; \{2^5, 6^3, 15^2\})$	40
30	$\mathcal{O}(0; \{2, 3^3, 6^3, 15^2\})$	344
30	$\mathcal{O}(0; \{2^2, 3, 6^4, 15^2\})$	168
30	$\mathcal{O}(0; \{6^6, 15^2\})$	344
30	$\mathcal{O}(0; \{2^5, 5^2, 10, 15^2\})$	408
30	$\mathcal{O}(0; \{2, 3^3, 5^2, 10, 15^2\})$	2040
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 6, 10, 15^2\})$	1224

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{5^2, 6^3, 10, 15^2\})$	2040
30	$\mathcal{O}(0; \{5^4, 10^2, 15^2\})$	26216
30	$\mathcal{O}(0; \{2^3, 5, 10^3, 15^2\})$	1640
30	$\mathcal{O}(0; \{3, 5, 6, 10^3, 15^2\})$	4920
30	$\mathcal{O}(0; \{2, 10^5, 15^2\})$	6552
30	$\mathcal{O}(0; \{2^2, 3, 5^3, 15^3\})$	4920
30	$\mathcal{O}(0; \{5^3, 6^2, 15^3\})$	8200
30	$\mathcal{O}(0; \{2^5, 3, 10, 15^3\})$	312
30	$\mathcal{O}(0; \{2, 3^4, 10, 15^3\})$	2184
30	$\mathcal{O}(0; \{2^2, 3^2, 6, 10, 15^3\})$	1144
30	$\mathcal{O}(0; \{2^3, 6^2, 10, 15^3\})$	520
30	$\mathcal{O}(0; \{3, 6^3, 10, 15^3\})$	2184
30	$\mathcal{O}(0; \{3, 5^2, 10^2, 15^3\})$	19656
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 15^4\})$	4488
30	$\mathcal{O}(0; \{2^3, 5, 6, 15^4\})$	2040
30	$\mathcal{O}(0; \{3, 5, 6^2, 15^4\})$	8568
30	$\mathcal{O}(0; \{3^2, 10^2, 15^4\})$	18040
30	$\mathcal{O}(0; \{2, 6, 10^2, 15^4\})$	8200
30	$\mathcal{O}(0; \{2, 5, 10, 15^5\})$	32760
30	$\mathcal{O}(0; \{2^3, 3^3, 5^3, 30\})$	312
30	$\mathcal{O}(0; \{2^4, 3, 5^3, 6, 30\})$	104
30	$\mathcal{O}(0; \{3^4, 5^3, 6, 30\})$	1144
30	$\mathcal{O}(0; \{2, 3^2, 5^3, 6^2, 30\})$	520
30	$\mathcal{O}(0; \{2^2, 5^3, 6^3, 30\})$	312
30	$\mathcal{O}(0; \{2^6, 3^3, 10, 30\})$	24
30	$\mathcal{O}(0; \{2^2, 3^6, 10, 30\})$	168
30	$\mathcal{O}(0; \{2^7, 3, 6, 10, 30\})$	8
30	$\mathcal{O}(0; \{2^3, 3^4, 6, 10, 30\})$	88
30	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 10, 30\})$	40
30	$\mathcal{O}(0; \{3^5, 6^2, 10, 30\})$	344
30	$\mathcal{O}(0; \{2^5, 6^3, 10, 30\})$	24
30	$\mathcal{O}(0; \{2, 3^3, 6^3, 10, 30\})$	168
30	$\mathcal{O}(0; \{2^2, 3, 6^4, 10, 30\})$	88
30	$\mathcal{O}(0; \{6^6, 10, 30\})$	168
30	$\mathcal{O}(0; \{2, 3^3, 5^2, 10^2, 30\})$	1224
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 6, 10^2, 30\})$	408
30	$\mathcal{O}(0; \{5^2, 6^3, 10^2, 30\})$	1224
30	$\mathcal{O}(0; \{3, 5, 6, 10^4, 30\})$	1640
30	$\mathcal{O}(0; \{2^7, 3, 5, 15, 30\})$	24
30	$\mathcal{O}(0; \{2^3, 3^4, 5, 15, 30\})$	264
30	$\mathcal{O}(0; \{2^4, 3^2, 5, 6, 15, 30\})$	120
30	$\mathcal{O}(0; \{3^5, 5, 6, 15, 30\})$	1032
30	$\mathcal{O}(0; \{2^5, 5, 6^2, 15, 30\})$	72

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2, 3^3, 5, 6^2, 15, 30\})$	504
30	$\mathcal{O}(0; \{2^2, 3, 5, 6^3, 15, 30\})$	264
30	$\mathcal{O}(0; \{5, 6^5, 15, 30\})$	504
30	$\mathcal{O}(0; \{2^2, 3, 5^3, 10, 15, 30\})$	1640
30	$\mathcal{O}(0; \{5^3, 6^2, 10, 15, 30\})$	4920
30	$\mathcal{O}(0; \{2^5, 3, 10^2, 15, 30\})$	104
30	$\mathcal{O}(0; \{2, 3^4, 10^2, 15, 30\})$	1144
30	$\mathcal{O}(0; \{2^2, 3^2, 6, 10^2, 15, 30\})$	520
30	$\mathcal{O}(0; \{2^3, 6^2, 10^2, 15, 30\})$	312
30	$\mathcal{O}(0; \{3, 6^3, 10^2, 15, 30\})$	1144
30	$\mathcal{O}(0; \{3, 5^2, 10^3, 15, 30\})$	6552
30	$\mathcal{O}(0; \{5^4, 6, 15^2, 30\})$	19656
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 10, 15^2, 30\})$	2040
30	$\mathcal{O}(0; \{2^3, 5, 6, 10, 15^2, 30\})$	1224
30	$\mathcal{O}(0; \{3, 5, 6^2, 10, 15^2, 30\})$	4488
30	$\mathcal{O}(0; \{3^2, 10^3, 15^2, 30\})$	8200
30	$\mathcal{O}(0; \{2, 6, 10^3, 15^2, 30\})$	4920
30	$\mathcal{O}(0; \{2^3, 5^2, 15^3, 30\})$	4920
30	$\mathcal{O}(0; \{3, 5^2, 6, 15^3, 30\})$	18040
30	$\mathcal{O}(0; \{2, 5, 10^2, 15^3, 30\})$	19656
30	$\mathcal{O}(0; \{2^3, 3, 15^4, 30\})$	4488
30	$\mathcal{O}(0; \{3^2, 6, 15^4, 30\})$	17544
30	$\mathcal{O}(0; \{2, 6^2, 15^4, 30\})$	8568
30	$\mathcal{O}(0; \{2^4, 3^2, 5^2, 30^2\})$	312
30	$\mathcal{O}(0; \{3^5, 5^2, 30^2\})$	2184
30	$\mathcal{O}(0; \{2^5, 5^2, 6, 30^2\})$	104
30	$\mathcal{O}(0; \{2, 3^3, 5^2, 6, 30^2\})$	1144
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 6^2, 30^2\})$	520
30	$\mathcal{O}(0; \{5^2, 6^4, 30^2\})$	1144
30	$\mathcal{O}(0; \{5^4, 6, 10, 30^2\})$	6552
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 10^2, 30^2\})$	1224
30	$\mathcal{O}(0; \{2^3, 5, 6, 10^2, 30^2\})$	408
30	$\mathcal{O}(0; \{3, 5, 6^2, 10^2, 30^2\})$	2040
30	$\mathcal{O}(0; \{3^2, 10^4, 30^2\})$	4920
30	$\mathcal{O}(0; \{2, 6, 10^4, 30^2\})$	1640
30	$\mathcal{O}(0; \{2^8, 15, 30^2\})$	24
30	$\mathcal{O}(0; \{2^4, 3^3, 15, 30^2\})$	264
30	$\mathcal{O}(0; \{3^6, 15, 30^2\})$	2040
30	$\mathcal{O}(0; \{5^5, 15, 30^2\})$	26216
30	$\mathcal{O}(0; \{2^5, 3, 6, 15, 30^2\})$	120
30	$\mathcal{O}(0; \{2, 3^4, 6, 15, 30^2\})$	1032
30	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 15, 30^2\})$	504
30	$\mathcal{O}(0; \{2^3, 6^3, 15, 30^2\})$	264

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{3, 6^4, 15, 30^2\})$	1032
30	$\mathcal{O}(0; \{2^3, 5^2, 10, 15, 30^2\})$	1640
30	$\mathcal{O}(0; \{3, 5^2, 6, 10, 15, 30^2\})$	8200
30	$\mathcal{O}(0; \{2, 5, 10^3, 15, 30^2\})$	6552
30	$\mathcal{O}(0; \{3, 5^3, 15^2, 30^2\})$	32760
30	$\mathcal{O}(0; \{2^3, 3, 10, 15^2, 30^2\})$	2040
30	$\mathcal{O}(0; \{3^2, 6, 10, 15^2, 30^2\})$	8568
30	$\mathcal{O}(0; \{2, 6^2, 10, 15^2, 30^2\})$	4488
30	$\mathcal{O}(0; \{3^2, 5, 15^3, 30^2\})$	34440
30	$\mathcal{O}(0; \{2, 5, 6, 15^3, 30^2\})$	18040
30	$\mathcal{O}(0; \{2^5, 3, 5, 30^3\})$	312
30	$\mathcal{O}(0; \{2, 3^4, 5, 30^3\})$	2184
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 6, 30^3\})$	1144
30	$\mathcal{O}(0; \{2^3, 5, 6^2, 30^3\})$	520
30	$\mathcal{O}(0; \{3, 5, 6^3, 30^3\})$	2184
30	$\mathcal{O}(0; \{3, 5^3, 10, 30^3\})$	19656
30	$\mathcal{O}(0; \{2^3, 3, 10^2, 30^3\})$	1224
30	$\mathcal{O}(0; \{3^2, 6, 10^2, 30^3\})$	4488
30	$\mathcal{O}(0; \{2, 6^2, 10^2, 30^3\})$	2040
30	$\mathcal{O}(0; \{3^2, 5, 10, 15, 30^3\})$	18040
30	$\mathcal{O}(0; \{2, 5, 6, 10, 15, 30^3\})$	8200
30	$\mathcal{O}(0; \{2, 5^2, 15^2, 30^3\})$	32760
30	$\mathcal{O}(0; \{2, 3, 15^3, 30^3\})$	34440
30	$\mathcal{O}(0; \{2^6, 30^4\})$	312
30	$\mathcal{O}(0; \{2^2, 3^3, 30^4\})$	2184
30	$\mathcal{O}(0; \{2^3, 3, 6, 30^4\})$	1144
30	$\mathcal{O}(0; \{3^2, 6^2, 30^4\})$	4472
30	$\mathcal{O}(0; \{2, 6^3, 30^4\})$	2184
30	$\mathcal{O}(0; \{2, 5^2, 10, 30^4\})$	19656
30	$\mathcal{O}(0; \{2, 3, 10, 15, 30^4\})$	18040
32	$\mathcal{O}(1; \{2^2, 4, 8, 32^2\})$	131072
32	$\mathcal{O}(1; \{8^3, 32^2\})$	1048576
32	$\mathcal{O}(1; \{4, 16^2, 32^2\})$	2097152
32	$\mathcal{O}(0; \{2^6, 4, 8, 32^2\})$	128
32	$\mathcal{O}(0; \{2^3, 4^3, 8, 32^2\})$	512
32	$\mathcal{O}(0; \{4^5, 8, 32^2\})$	2048
32	$\mathcal{O}(0; \{2^4, 8^3, 32^2\})$	1024
32	$\mathcal{O}(0; \{2, 4^2, 8^3, 32^2\})$	4096
32	$\mathcal{O}(0; \{2^4, 4, 16^2, 32^2\})$	2048
32	$\mathcal{O}(0; \{2, 4^3, 16^2, 32^2\})$	8192
32	$\mathcal{O}(0; \{2^2, 8^2, 16^2, 32^2\})$	16384
32	$\mathcal{O}(0; \{8, 16^4, 32^2\})$	262144
32	$\mathcal{O}(0; \{2^2, 4, 16, 32^4\})$	65536

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
32	$\mathcal{O}(0; \{8^2, 16, 32^4\})$	524288
32	$\mathcal{O}(0; \{4, 32^6\})$	2097152
33	$\mathcal{O}(1; \{3, 11^2, 33^2\})$	1981980
33	$\mathcal{O}(0; \{3^4, 11^2, 33^2\})$	20020
33	$\mathcal{O}(0; \{3, 11, 33^5\})$	2000020
34	$\mathcal{O}(1; \{2, 17^3, 34\})$	4457536
34	$\mathcal{O}(0; \{2^5, 17^3, 34\})$	3856
34	$\mathcal{O}(0; \{2^3, 17^2, 34^3\})$	61680
34	$\mathcal{O}(0; \{2, 17, 34^5\})$	986896
35	$\mathcal{O}(1; \{5^2, 7^3\})$	147000
35	$\mathcal{O}(0; \{5, 7^4, 35^2\})$	79992
35	$\mathcal{O}(0; \{5^3, 7, 35^3\})$	152520
36	$\mathcal{O}(1; \{3, 4^2, 18^2\})$	31104
36	$\mathcal{O}(1; \{2, 4, 12, 18^2\})$	31104
36	$\mathcal{O}(1; \{2, 4, 9, 18, 36\})$	46656
36	$\mathcal{O}(1; \{2, 3, 18, 36^2\})$	93312
36	$\mathcal{O}(0; \{2^2, 4^2, 9^4\})$	324
36	$\mathcal{O}(0; \{4, 6, 9^4, 12\})$	1296
36	$\mathcal{O}(0; \{3, 9^4, 12^2\})$	2592
36	$\mathcal{O}(0; \{2, 3^2, 4^2, 9^2, 18\})$	144
36	$\mathcal{O}(0; \{2^2, 4^2, 6, 9^2, 18\})$	72
36	$\mathcal{O}(0; \{2^2, 3, 4, 9^2, 12, 18\})$	144
36	$\mathcal{O}(0; \{4, 6^2, 9^2, 12, 18\})$	288
36	$\mathcal{O}(0; \{2^3, 9^2, 12^2, 18\})$	144
36	$\mathcal{O}(0; \{4^2, 9^2, 12^2, 18\})$	576
36	$\mathcal{O}(0; \{3, 6, 9^2, 12^2, 18\})$	576
36	$\mathcal{O}(0; \{2^4, 3, 4^2, 18^2\})$	24
36	$\mathcal{O}(0; \{3^4, 4^2, 18^2\})$	192
36	$\mathcal{O}(0; \{2, 3, 4^4, 18^2\})$	96
36	$\mathcal{O}(0; \{2, 3^2, 4^2, 6, 18^2\})$	96
36	$\mathcal{O}(0; \{2^2, 4^2, 6^2, 18^2\})$	48
36	$\mathcal{O}(0; \{4^2, 9^3, 18^2\})$	1620
36	$\mathcal{O}(0; \{2^5, 4, 12, 18^2\})$	24
36	$\mathcal{O}(0; \{2, 3^3, 4, 12, 18^2\})$	192
36	$\mathcal{O}(0; \{2^2, 4^3, 12, 18^2\})$	96
36	$\mathcal{O}(0; \{2^2, 3, 4, 6, 12, 18^2\})$	96
36	$\mathcal{O}(0; \{4, 6^3, 12, 18^2\})$	192
36	$\mathcal{O}(0; \{2^2, 3^2, 12^2, 18^2\})$	192
36	$\mathcal{O}(0; \{2^3, 6, 12^2, 18^2\})$	96
36	$\mathcal{O}(0; \{4^2, 6, 12^2, 18^2\})$	384
36	$\mathcal{O}(0; \{3, 6^2, 12^2, 18^2\})$	384
36	$\mathcal{O}(0; \{3, 4, 12^3, 18^2\})$	768
36	$\mathcal{O}(0; \{2, 12^4, 18^2\})$	768

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{4^2, 6, 9, 18^3\})$	648
36	$\mathcal{O}(0; \{3, 4, 9, 12, 18^3\})$	1296
36	$\mathcal{O}(0; \{2, 9, 12^2, 18^3\})$	1296
36	$\mathcal{O}(0; \{2^2, 3, 4, 9^3, 36\})$	648
36	$\mathcal{O}(0; \{4, 6^2, 9^3, 36\})$	1296
36	$\mathcal{O}(0; \{2^3, 9^3, 12, 36\})$	648
36	$\mathcal{O}(0; \{4^2, 9^3, 12, 36\})$	2592
36	$\mathcal{O}(0; \{3, 6, 9^3, 12, 36\})$	2592
36	$\mathcal{O}(0; \{2^5, 4, 9, 18, 36\})$	36
36	$\mathcal{O}(0; \{2, 3^3, 4, 9, 18, 36\})$	288
36	$\mathcal{O}(0; \{2^2, 4^3, 9, 18, 36\})$	144
36	$\mathcal{O}(0; \{2^2, 3, 4, 6, 9, 18, 36\})$	144
36	$\mathcal{O}(0; \{4, 6^3, 9, 18, 36\})$	288
36	$\mathcal{O}(0; \{2^2, 3^2, 9, 12, 18, 36\})$	288
36	$\mathcal{O}(0; \{2^3, 6, 9, 12, 18, 36\})$	144
36	$\mathcal{O}(0; \{4^2, 6, 9, 12, 18, 36\})$	576
36	$\mathcal{O}(0; \{3, 6^2, 9, 12, 18, 36\})$	576
36	$\mathcal{O}(0; \{3, 4, 9, 12^2, 18, 36\})$	1152
36	$\mathcal{O}(0; \{2, 9, 12^3, 18, 36\})$	1152
36	$\mathcal{O}(0; \{3, 4, 9^2, 18^2, 36\})$	3240
36	$\mathcal{O}(0; \{2, 9^2, 12, 18^2, 36\})$	3240
36	$\mathcal{O}(0; \{2^3, 4, 18^3, 36\})$	324
36	$\mathcal{O}(0; \{4^3, 18^3, 36\})$	1296
36	$\mathcal{O}(0; \{3, 4, 6, 18^3, 36\})$	1296
36	$\mathcal{O}(0; \{3^2, 12, 18^3, 36\})$	2592
36	$\mathcal{O}(0; \{2, 6, 12, 18^3, 36\})$	1296
36	$\mathcal{O}(0; \{2^2, 3^2, 9^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{2^3, 6, 9^2, 36^2\})$	648
36	$\mathcal{O}(0; \{4^2, 6, 9^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{3, 6^2, 9^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{3, 4, 9^2, 12, 36^2\})$	5184
36	$\mathcal{O}(0; \{2, 9^2, 12^2, 36^2\})$	5184
36	$\mathcal{O}(0; \{2^5, 3, 18, 36^2\})$	72
36	$\mathcal{O}(0; \{2, 3^4, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{2^2, 3, 4^2, 18, 36^2\})$	288
36	$\mathcal{O}(0; \{2^2, 3^2, 6, 18, 36^2\})$	288
36	$\mathcal{O}(0; \{2^3, 6^2, 18, 36^2\})$	144
36	$\mathcal{O}(0; \{4^2, 6^2, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{3, 6^3, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{2, 9^3, 18, 36^2\})$	10692
36	$\mathcal{O}(0; \{2^3, 4, 12, 18, 36^2\})$	288
36	$\mathcal{O}(0; \{4^3, 12, 18, 36^2\})$	1152
36	$\mathcal{O}(0; \{3, 4, 6, 12, 18, 36^2\})$	1152

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{3^2, 12^2, 18, 36^2\})$	2304
36	$\mathcal{O}(0; \{2, 6, 12^2, 18, 36^2\})$	1152
36	$\mathcal{O}(0; \{3^2, 9, 18^2, 36^2\})$	6480
36	$\mathcal{O}(0; \{2, 6, 9, 18^2, 36^2\})$	3240
36	$\mathcal{O}(0; \{2^3, 4, 9, 36^3\})$	1296
36	$\mathcal{O}(0; \{4^3, 9, 36^3\})$	5184
36	$\mathcal{O}(0; \{3, 4, 6, 9, 36^3\})$	5184
36	$\mathcal{O}(0; \{3^2, 9, 12, 36^3\})$	10368
36	$\mathcal{O}(0; \{2, 6, 9, 12, 36^3\})$	5184
36	$\mathcal{O}(0; \{2, 4, 18^2, 36^3\})$	6480
36	$\mathcal{O}(0; \{2^3, 3, 36^4\})$	2592
36	$\mathcal{O}(0; \{3, 4^2, 36^4\})$	10368
36	$\mathcal{O}(0; \{3^2, 6, 36^4\})$	10368
36	$\mathcal{O}(0; \{2, 6^2, 36^4\})$	5184
36	$\mathcal{O}(0; \{2, 4, 12, 36^4\})$	10368
37	$\mathcal{O}(2; \{37^2\})$	67469796
38	$\mathcal{O}(1; \{2^2, 19^3\})$	441864
38	$\mathcal{O}(1; \{19^2, 38^2\})$	7979544
38	$\mathcal{O}(0; \{2^6, 19^3\})$	306
38	$\mathcal{O}(0; \{2^4, 19^2, 38^2\})$	5526
38	$\mathcal{O}(0; \{2^2, 19, 38^4\})$	99450
38	$\mathcal{O}(0; \{38^6\})$	1790118
39	$\mathcal{O}(0; \{3^3, 13^3, 39\})$	9576
39	$\mathcal{O}(0; \{13^2, 39^4\})$	1378152
40	$\mathcal{O}(1; \{8^2, 20^2\})$	102400
40	$\mathcal{O}(1; \{2^2, 5, 8, 40\})$	25600
40	$\mathcal{O}(1; \{8, 10^2, 40\})$	76800
40	$\mathcal{O}(1; \{5, 10, 40^2\})$	332800
40	$\mathcal{O}(1; \{4, 20, 40^2\})$	307200
40	$\mathcal{O}(0; \{2^3, 5^3, 8^2\})$	48
40	$\mathcal{O}(0; \{4^2, 5^3, 8^2\})$	192
40	$\mathcal{O}(0; \{2, 5^2, 8^2, 10^2\})$	208
40	$\mathcal{O}(0; \{2, 4, 5, 8^2, 10, 20\})$	192
40	$\mathcal{O}(0; \{2^4, 8^2, 20^2\})$	64
40	$\mathcal{O}(0; \{2, 4^2, 8^2, 20^2\})$	256
40	$\mathcal{O}(0; \{2^6, 5, 8, 40\})$	16
40	$\mathcal{O}(0; \{2^3, 4^2, 5, 8, 40\})$	64
40	$\mathcal{O}(0; \{4^4, 5, 8, 40\})$	256
40	$\mathcal{O}(0; \{2, 4, 5, 8^3, 40\})$	512
40	$\mathcal{O}(0; \{2, 5^3, 8, 10, 40\})$	816
40	$\mathcal{O}(0; \{2^4, 8, 10^2, 40\})$	48
40	$\mathcal{O}(0; \{2, 4^2, 8, 10^2, 40\})$	192
40	$\mathcal{O}(0; \{2, 4, 5^2, 8, 20, 40\})$	832

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{2^2, 8, 10, 20^2, 40\})$	832
40	$\mathcal{O}(0; \{8, 20^4, 40\})$	13056
40	$\mathcal{O}(0; \{2, 5^4, 40^2\})$	3280
40	$\mathcal{O}(0; \{2^4, 5, 10, 40^2\})$	208
40	$\mathcal{O}(0; \{2, 4^2, 5, 10, 40^2\})$	832
40	$\mathcal{O}(0; \{2^2, 10^3, 40^2\})$	816
40	$\mathcal{O}(0; \{2^4, 4, 20, 40^2\})$	192
40	$\mathcal{O}(0; \{2, 4^3, 20, 40^2\})$	768
40	$\mathcal{O}(0; \{2^2, 8^2, 20, 40^2\})$	1536
40	$\mathcal{O}(0; \{2^2, 5, 20^2, 40^2\})$	3264
40	$\mathcal{O}(0; \{10^2, 20^2, 40^2\})$	13120
40	$\mathcal{O}(0; \{8, 10, 20, 40^3\})$	26112
40	$\mathcal{O}(0; \{2^2, 4, 40^4\})$	6656
40	$\mathcal{O}(0; \{8^2, 40^4\})$	53248
40	$\mathcal{O}(0; \{5, 20, 40^4\})$	104960
42	$\mathcal{O}(1; \{2^2, 3, 7, 21\})$	21168
42	$\mathcal{O}(1; \{6^2, 7, 21\})$	21168
42	$\mathcal{O}(1; \{3, 14^2, 21\})$	105840
42	$\mathcal{O}(1; \{3, 7, 42^2\})$	105840
42	$\mathcal{O}(0; \{2^3, 3^2, 7^2, 14\})$	60
42	$\mathcal{O}(0; \{3^3, 6, 7^2, 14\})$	180
42	$\mathcal{O}(0; \{2, 3, 6^2, 7^2, 14\})$	60
42	$\mathcal{O}(0; \{2, 3^2, 7, 14^3\})$	372
42	$\mathcal{O}(0; \{2^6, 3, 7, 21\})$	12
42	$\mathcal{O}(0; \{2^2, 3^4, 7, 21\})$	60
42	$\mathcal{O}(0; \{2^3, 3^2, 6, 7, 21\})$	36
42	$\mathcal{O}(0; \{2^4, 6^2, 7, 21\})$	12
42	$\mathcal{O}(0; \{3^3, 6^2, 7, 21\})$	132
42	$\mathcal{O}(0; \{2, 3, 6^3, 7, 21\})$	60
42	$\mathcal{O}(0; \{2^4, 3, 14^2, 21\})$	60
42	$\mathcal{O}(0; \{3^4, 14^2, 21\})$	300
42	$\mathcal{O}(0; \{2, 3^2, 6, 14^2, 21\})$	180
42	$\mathcal{O}(0; \{2^2, 6^2, 14^2, 21\})$	60
42	$\mathcal{O}(0; \{2^2, 7^3, 21^2\})$	2220
42	$\mathcal{O}(0; \{7^2, 14^2, 21^2\})$	13332
42	$\mathcal{O}(0; \{6, 7, 14, 21^3\})$	6660
42	$\mathcal{O}(0; \{2^2, 3, 21^4\})$	1860
42	$\mathcal{O}(0; \{6^2, 21^4\})$	4092
42	$\mathcal{O}(0; \{2, 3^2, 7^2, 21, 42\})$	1116
42	$\mathcal{O}(0; \{2^2, 6, 7^2, 21, 42\})$	372
42	$\mathcal{O}(0; \{6, 7, 14^2, 21, 42\})$	2220
42	$\mathcal{O}(0; \{2^2, 3, 14, 21^2, 42\})$	1116
42	$\mathcal{O}(0; \{6^2, 14, 21^2, 42\})$	1860

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{2^4, 3, 7, 42^2\})$	60
42	$\mathcal{O}(0; \{3^4, 7, 42^2\})$	660
42	$\mathcal{O}(0; \{2, 3^2, 6, 7, 42^2\})$	300
42	$\mathcal{O}(0; \{2^2, 6^2, 7, 42^2\})$	180
42	$\mathcal{O}(0; \{2^2, 3, 14^2, 42^2\})$	372
42	$\mathcal{O}(0; \{6^2, 14^2, 42^2\})$	1116
42	$\mathcal{O}(0; \{7^3, 21, 42^2\})$	13332
42	$\mathcal{O}(0; \{3, 21^3, 42^2\})$	24420
42	$\mathcal{O}(0; \{6, 7^2, 42^3\})$	6660
42	$\mathcal{O}(0; \{3, 14, 21, 42^3\})$	11100
44	$\mathcal{O}(1; \{4^2, 11^2\})$	38720
44	$\mathcal{O}(0; \{2^4, 4^2, 11^2\})$	20
44	$\mathcal{O}(0; \{2, 4^4, 11^2\})$	80
44	$\mathcal{O}(0; \{2^2, 4^2, 11, 22^2\})$	180
44	$\mathcal{O}(0; \{4^2, 22^4\})$	1820
44	$\mathcal{O}(0; \{2^3, 11, 22, 44^2\})$	1820
44	$\mathcal{O}(0; \{4^2, 11, 22, 44^2\})$	7280
44	$\mathcal{O}(0; \{2, 22^3, 44^2\})$	18180
44	$\mathcal{O}(0; \{2, 11, 44^4\})$	72720
45	$\mathcal{O}(0; \{5^2, 9^2, 15^2\})$	1248
45	$\mathcal{O}(0; \{3, 9^2, 15^3\})$	1152
45	$\mathcal{O}(0; \{5^2, 9^3, 45\})$	1944
45	$\mathcal{O}(0; \{3, 9^3, 15, 45\})$	2592
45	$\mathcal{O}(0; \{5^3, 9, 45^2\})$	3672
45	$\mathcal{O}(0; \{3, 5, 9, 15, 45^2\})$	3744
45	$\mathcal{O}(0; \{3^2, 45^4\})$	33696
48	$\mathcal{O}(0; \{2, 3^4, 16^2\})$	48
48	$\mathcal{O}(0; \{2^2, 3^2, 6, 16^2\})$	16
48	$\mathcal{O}(0; \{2^3, 6^2, 16^2\})$	16
48	$\mathcal{O}(0; \{4^2, 6^2, 16^2\})$	64
48	$\mathcal{O}(0; \{3, 6^3, 16^2\})$	48
48	$\mathcal{O}(0; \{3, 4, 6, 12, 16^2\})$	64
48	$\mathcal{O}(0; \{3^2, 12^2, 16^2\})$	192
48	$\mathcal{O}(0; \{2, 6, 12^2, 16^2\})$	64
48	$\mathcal{O}(0; \{3^2, 8, 16^2, 24\})$	256
48	$\mathcal{O}(0; \{2, 6, 8, 16^2, 24\})$	256
48	$\mathcal{O}(0; \{2, 4, 16^2, 24^2\})$	512
48	$\mathcal{O}(0; \{3, 4, 6, 8, 16, 48\})$	128
48	$\mathcal{O}(0; \{3^2, 8, 12, 16, 48\})$	384
48	$\mathcal{O}(0; \{2, 6, 8, 12, 16, 48\})$	128
48	$\mathcal{O}(0; \{2^3, 3, 16, 24, 48\})$	64
48	$\mathcal{O}(0; \{3, 4^2, 16, 24, 48\})$	256
48	$\mathcal{O}(0; \{3^2, 6, 16, 24, 48\})$	320

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{2, 6^2, 16, 24, 48\})$	192
48	$\mathcal{O}(0; \{2, 4, 12, 16, 24, 48\})$	256
48	$\mathcal{O}(0; \{2^2, 3^2, 4, 48^2\})$	96
48	$\mathcal{O}(0; \{2^3, 4, 6, 48^2\})$	32
48	$\mathcal{O}(0; \{4^3, 6, 48^2\})$	128
48	$\mathcal{O}(0; \{3, 4, 6^2, 48^2\})$	160
48	$\mathcal{O}(0; \{3^2, 8^2, 48^2\})$	768
48	$\mathcal{O}(0; \{2, 6, 8^2, 48^2\})$	256
48	$\mathcal{O}(0; \{2^3, 3, 12, 48^2\})$	96
48	$\mathcal{O}(0; \{3, 4^2, 12, 48^2\})$	384
48	$\mathcal{O}(0; \{3^2, 6, 12, 48^2\})$	352
48	$\mathcal{O}(0; \{2, 6^2, 12, 48^2\})$	160
48	$\mathcal{O}(0; \{2, 4, 12^2, 48^2\})$	384
48	$\mathcal{O}(0; \{2, 4, 8, 24, 48^2\})$	512
48	$\mathcal{O}(0; \{2, 3, 24^2, 48^2\})$	1280
48	$\mathcal{O}(0; \{2, 3, 16, 48^3\})$	3072
50	$\mathcal{O}(1; \{2^2, 25^2\})$	50000
50	$\mathcal{O}(1; \{25, 50^2\})$	750000
50	$\mathcal{O}(0; \{2^6, 25^2\})$	20
50	$\mathcal{O}(0; \{2, 5^2, 10, 25^2\})$	1280
50	$\mathcal{O}(0; \{2^4, 25, 50^2\})$	300
50	$\mathcal{O}(0; \{2^2, 50^4\})$	6500
51	$\mathcal{O}(0; \{3^3, 17^2, 51\})$	1440
51	$\mathcal{O}(0; \{17, 51^4\})$	370080
52	$\mathcal{O}(0; \{2, 4^2, 13^2, 26\})$	264
52	$\mathcal{O}(0; \{2^2, 13^2, 52^2\})$	3192
52	$\mathcal{O}(0; \{13, 26^2, 52^2\})$	38280
54	$\mathcal{O}(0; \{2^2, 9^2, 27^2\})$	648
54	$\mathcal{O}(0; \{2, 3^2, 18, 27^2\})$	432
54	$\mathcal{O}(0; \{2^2, 6, 18, 27^2\})$	216
54	$\mathcal{O}(0; \{9, 18^2, 27^2\})$	3888
54	$\mathcal{O}(0; \{6, 27^3, 54\})$	8748
54	$\mathcal{O}(0; \{9^2, 27, 54^2\})$	5832
54	$\mathcal{O}(0; \{6, 18, 27, 54^2\})$	1944
55	$\mathcal{O}(0; \{5, 11, 55^3\})$	47320
56	$\mathcal{O}(0; \{2^2, 8^2, 14^2\})$	24
56	$\mathcal{O}(0; \{8^2, 14, 28^2\})$	480
56	$\mathcal{O}(0; \{7, 8, 14, 28, 56\})$	1488
56	$\mathcal{O}(0; \{7^2, 14, 56^2\})$	4440
56	$\mathcal{O}(0; \{4, 14, 28, 56^2\})$	2976
57	$\mathcal{O}(0; \{3^4, 19^2\})$	108
57	$\mathcal{O}(0; \{3, 19, 57^3\})$	33156
60	$\mathcal{O}(0; \{3^2, 4^2, 5^2\})$	16

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{2, 3, 4, 5^2, 12\})$	16
60	$\mathcal{O}(0; \{2^2, 5^2, 12^2\})$	16
60	$\mathcal{O}(0; \{5, 10^2, 12^2\})$	48
60	$\mathcal{O}(0; \{4, 10, 12, 15^2\})$	48
60	$\mathcal{O}(0; \{2, 3^2, 4, 10, 20\})$	16
60	$\mathcal{O}(0; \{2^2, 3, 10, 12, 20\})$	16
60	$\mathcal{O}(0; \{6^2, 10, 12, 20\})$	16
60	$\mathcal{O}(0; \{4, 10, 12^2, 20\})$	64
60	$\mathcal{O}(0; \{5, 6, 12, 15, 20\})$	48
60	$\mathcal{O}(0; \{3, 15^2, 20^2\})$	208
60	$\mathcal{O}(0; \{3, 12, 20^3\})$	192
60	$\mathcal{O}(0; \{2, 3, 4^2, 5, 30\})$	16
60	$\mathcal{O}(0; \{2^2, 4, 5, 12, 30\})$	16
60	$\mathcal{O}(0; \{4, 10^2, 12, 30\})$	48
60	$\mathcal{O}(0; \{5, 6, 12^2, 30\})$	48
60	$\mathcal{O}(0; \{5^2, 12, 20, 30\})$	208
60	$\mathcal{O}(0; \{4, 6, 15, 20, 30\})$	48
60	$\mathcal{O}(0; \{3, 12, 15, 20, 30\})$	144
60	$\mathcal{O}(0; \{3, 10, 20^2, 30\})$	208
60	$\mathcal{O}(0; \{2^2, 4^2, 30^2\})$	16
60	$\mathcal{O}(0; \{4, 6, 12, 30^2\})$	48
60	$\mathcal{O}(0; \{3, 12^2, 30^2\})$	80
60	$\mathcal{O}(0; \{4, 5, 20, 30^2\})$	208
60	$\mathcal{O}(0; \{5, 6, 10, 12, 60\})$	48
60	$\mathcal{O}(0; \{5^2, 12, 15, 60\})$	208
60	$\mathcal{O}(0; \{4, 6, 15^2, 60\})$	144
60	$\mathcal{O}(0; \{3, 12, 15^2, 60\})$	240
60	$\mathcal{O}(0; \{2, 3^3, 20, 60\})$	48
60	$\mathcal{O}(0; \{2^2, 3, 6, 20, 60\})$	16
60	$\mathcal{O}(0; \{6^3, 20, 60\})$	48
60	$\mathcal{O}(0; \{4, 6, 12, 20, 60\})$	64
60	$\mathcal{O}(0; \{3, 12^2, 20, 60\})$	192
60	$\mathcal{O}(0; \{3, 10, 15, 20, 60\})$	208
60	$\mathcal{O}(0; \{4, 6, 10, 30, 60\})$	48
60	$\mathcal{O}(0; \{3, 10, 12, 30, 60\})$	144
60	$\mathcal{O}(0; \{4, 5, 15, 30, 60\})$	208
60	$\mathcal{O}(0; \{2^2, 3, 5, 60^2\})$	48
60	$\mathcal{O}(0; \{5, 6^2, 60^2\})$	144
60	$\mathcal{O}(0; \{3, 10^2, 60^2\})$	208
60	$\mathcal{O}(0; \{4, 5, 12, 60^2\})$	192
60	$\mathcal{O}(0; \{2^3, 30, 60^2\})$	48
60	$\mathcal{O}(0; \{4^2, 30, 60^2\})$	192
60	$\mathcal{O}(0; \{3, 6, 30, 60^2\})$	240

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{2, 60^4\})$	2496
64	$\mathcal{O}(0; \{2, 8, 16, 64^2\})$	1024
65	$\mathcal{O}(0; \{5^3, 13^2\})$	144
66	$\mathcal{O}(0; \{2^2, 3^2, 11, 33\})$	20
66	$\mathcal{O}(0; \{2^3, 6, 11, 33\})$	20
66	$\mathcal{O}(0; \{3, 6^2, 11, 33\})$	60
66	$\mathcal{O}(0; \{3^2, 22^2, 33\})$	180
66	$\mathcal{O}(0; \{2, 6, 22^2, 33\})$	180
66	$\mathcal{O}(0; \{3^2, 11, 66^2\})$	540
66	$\mathcal{O}(0; \{2, 6, 11, 66^2\})$	180
68	$\mathcal{O}(0; \{2, 4, 17, 34, 68\})$	480
70	$\mathcal{O}(0; \{2, 7, 10^2, 14\})$	24
70	$\mathcal{O}(0; \{2, 7^2, 10, 35\})$	120
72	$\mathcal{O}(0; \{2, 8^2, 9^2\})$	24
72	$\mathcal{O}(0; \{2, 3, 9, 72^2\})$	144
73	$\mathcal{O}(2; \emptyset)$	28398240
74	$\mathcal{O}(1; \{74^2\})$	197136
74	$\mathcal{O}(0; \{2^4, 74^2\})$	36
75	$\mathcal{O}(0; \{3^3, 25, 75\})$	120
75	$\mathcal{O}(0; \{75^4\})$	39000
76	$\mathcal{O}(0; \{2, 4^2, 19, 38\})$	36
76	$\mathcal{O}(0; \{2^2, 19, 76^2\})$	612
76	$\mathcal{O}(0; \{38^2, 76^2\})$	11052
78	$\mathcal{O}(0; \{2^2, 13, 39^2\})$	264
78	$\mathcal{O}(0; \{26^2, 39^2\})$	3192
78	$\mathcal{O}(0; \{13, 39, 78^2\})$	3192
80	$\mathcal{O}(0; \{16^2, 40^2\})$	512
80	$\mathcal{O}(0; \{2^2, 10, 16, 80\})$	32
80	$\mathcal{O}(0; \{16, 20^2, 80\})$	384
80	$\mathcal{O}(0; \{10, 20, 80^2\})$	832
80	$\mathcal{O}(0; \{8, 40, 80^2\})$	1536
84	$\mathcal{O}(0; \{12^2, 21^2\})$	72
84	$\mathcal{O}(0; \{12^2, 14, 42\})$	24
84	$\mathcal{O}(0; \{6, 28^2, 42\})$	120
84	$\mathcal{O}(0; \{6, 21, 28, 84\})$	120
84	$\mathcal{O}(0; \{7, 12, 42, 84\})$	120
84	$\mathcal{O}(0; \{6, 14, 84^2\})$	120
85	$\mathcal{O}(0; \{5, 17, 85^2\})$	2880
88	$\mathcal{O}(0; \{8^2, 22^2\})$	40
90	$\mathcal{O}(0; \{5, 15, 18^2\})$	48
90	$\mathcal{O}(0; \{5, 10, 18, 45\})$	72
90	$\mathcal{O}(0; \{2^2, 3, 45^2\})$	48
90	$\mathcal{O}(0; \{6^2, 45^2\})$	96

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
90	$\mathcal{O}(0; \{5, 9, 18, 90\})$	72
90	$\mathcal{O}(0; \{3, 45, 90^2\})$	432
95	$\mathcal{O}(0; \{5^2, 19, 95\})$	216
96	$\mathcal{O}(0; \{3, 12, 32^2\})$	64
96	$\mathcal{O}(0; \{3, 8, 96^2\})$	128
100	$\mathcal{O}(0; \{4^2, 50^2\})$	40
100	$\mathcal{O}(0; \{2, 50, 100^2\})$	600
102	$\mathcal{O}(0; \{2, 34, 51^2\})$	480
102	$\mathcal{O}(0; \{3, 6, 17, 102\})$	32
104	$\mathcal{O}(0; \{2, 13, 104^2\})$	528
105	$\mathcal{O}(0; \{3, 5, 21, 35\})$	48
111	$\mathcal{O}(0; \{3^2, 111^2\})$	216
114	$\mathcal{O}(0; \{3^2, 38^2\})$	36
146	$\mathcal{O}(1; \{2^2\})$	21312
148	$\mathcal{O}(0; \{2^2, 148^2\})$	72
149	$\mathcal{O}(0; \{149^3\})$	21756
150	$\mathcal{O}(0; \{2^2, 75^2\})$	40
150	$\mathcal{O}(0; \{75, 150^2\})$	600
152	$\mathcal{O}(0; \{38, 152^2\})$	1224
160	$\mathcal{O}(0; \{20, 32, 160\})$	128
165	$\mathcal{O}(0; \{15, 33, 55\})$	80
170	$\mathcal{O}(0; \{10, 34, 85\})$	64
185	$\mathcal{O}(0; \{5, 185^2\})$	432
190	$\mathcal{O}(0; \{5, 38, 190\})$	72
222	$\mathcal{O}(0; \{3, 222^2\})$	72
296	$\mathcal{O}(0; \{2, 296^2\})$	144
298	$\mathcal{O}(0; \{2, 149, 298\})$	148

Table 5: 75-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(75; \emptyset)$	1
2	$\mathcal{O}(38; \emptyset)$	75557863725914323419135
2	$\mathcal{O}(37; \{2^4\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^8\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{12}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{16}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{20}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{24}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{28}\})$	4611686018427387904
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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(30; \{2^{32}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{36}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{40}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{44}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{48}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{52}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{56}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{60}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{64}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{68}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{72}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{76}\})$	274877906944
2	$\mathcal{O}(18; \{2^{80}\})$	68719476736
2	$\mathcal{O}(17; \{2^{84}\})$	17179869184
2	$\mathcal{O}(16; \{2^{88}\})$	4294967296
2	$\mathcal{O}(15; \{2^{92}\})$	1073741824
2	$\mathcal{O}(14; \{2^{96}\})$	268435456
2	$\mathcal{O}(13; \{2^{100}\})$	67108864
2	$\mathcal{O}(12; \{2^{104}\})$	16777216
2	$\mathcal{O}(11; \{2^{108}\})$	4194304
2	$\mathcal{O}(10; \{2^{112}\})$	1048576
2	$\mathcal{O}(9; \{2^{116}\})$	262144
2	$\mathcal{O}(8; \{2^{120}\})$	65536
2	$\mathcal{O}(7; \{2^{124}\})$	16384
2	$\mathcal{O}(6; \{2^{128}\})$	4096
2	$\mathcal{O}(5; \{2^{132}\})$	1024
2	$\mathcal{O}(4; \{2^{136}\})$	256
2	$\mathcal{O}(3; \{2^{140}\})$	64
2	$\mathcal{O}(2; \{2^{144}\})$	16
2	$\mathcal{O}(1; \{2^{148}\})$	4
2	$\mathcal{O}(0; \{2^{152}\})$	1
3	$\mathcal{O}(25; \{3^2\})$	1435795975383705177540498
3	$\mathcal{O}(24; \{3^3\})$	797664430768725098633610
3	$\mathcal{O}(23; \{3^8\})$	762212678290115094249894
3	$\mathcal{O}(22; \{3^{11}\})$	671613755289222860824842
3	$\mathcal{O}(21; \{3^{14}\})$	597646518636320505999558
3	$\mathcal{O}(20; \{3^{17}\})$	531168403906197219315690
3	$\mathcal{O}(19; \{3^{20}\})$	472157797471370232899814
3	$\mathcal{O}(18; \{3^{23}\})$	419694919406739536138442
3	$\mathcal{O}(17; \{3^{26}\})$	373062250646858674566918
3	$\mathcal{O}(16; \{3^{29}\})$	331610878345753244281770
3	$\mathcal{O}(15; \{3^{32}\})$	294765226431571898596134
3	$\mathcal{O}(14; \{3^{35}\})$	262013534468580932911242

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(13; \{3^{38}\})$	232900919542878690891078
3	$\mathcal{O}(12; \{3^{41}\})$	207023039591975370239850
3	$\mathcal{O}(11; \{3^{44}\})$	184020479637499726570854
3	$\mathcal{O}(10; \{3^{47}\})$	163573759677756614023242
3	$\mathcal{O}(9; \{3^{50}\})$	145398897491341536988038
3	$\mathcal{O}(8; \{3^{53}\})$	129243464436747774597930
3	$\mathcal{O}(7; \{3^{56}\})$	114883079499331383895974
3	$\mathcal{O}(6; \{3^{59}\})$	102118292888294560274442
3	$\mathcal{O}(5; \{3^{62}\})$	90771815900706276153798
3	$\mathcal{O}(4; \{3^{65}\})$	80686058578405578764010
3	$\mathcal{O}(3; \{3^{68}\})$	71720940958582736683494
3	$\mathcal{O}(2; \{3^{71}\})$	63751947518740210384842
3	$\mathcal{O}(1; \{3^{74}\})$	56668397794435742564358
3	$\mathcal{O}(0; \{3^{77}\})$	50371909150609548946090
4	$\mathcal{O}(19; \{2^2\})$	75557863725639445512192
4	$\mathcal{O}(18; \{2^6\})$	4722366482800925736960
4	$\mathcal{O}(18; \{2^3, 4^2\})$	9444732965739290427392
4	$\mathcal{O}(18; \{4^4\})$	37778931862957161709568
4	$\mathcal{O}(17; \{2^{10}\})$	295147905162172956672
4	$\mathcal{O}(17; \{2^7, 4^2\})$	590295810358705651712
4	$\mathcal{O}(17; \{2^4, 4^4\})$	2361183241434822606848
4	$\mathcal{O}(17; \{2, 4^6\})$	9444732965739290427392
4	$\mathcal{O}(16; \{2^{14}\})$	18446744069414584320
4	$\mathcal{O}(16; \{2^{11}, 4^2\})$	36893488147419103232
4	$\mathcal{O}(16; \{2^8, 4^4\})$	147573952589676412928
4	$\mathcal{O}(16; \{2^5, 4^6\})$	590295810358705651712
4	$\mathcal{O}(16; \{2^2, 4^8\})$	2361183241434822606848
4	$\mathcal{O}(15; \{2^{18}\})$	1152921503533105152
4	$\mathcal{O}(15; \{2^{15}, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2^{12}, 4^4\})$	9223372036854775808
4	$\mathcal{O}(15; \{2^9, 4^6\})$	36893488147419103232
4	$\mathcal{O}(15; \{2^6, 4^8\})$	147573952589676412928
4	$\mathcal{O}(15; \{2^3, 4^{10}\})$	590295810358705651712
4	$\mathcal{O}(15; \{4^{12}\})$	2361183241434822606848
4	$\mathcal{O}(14; \{2^{22}\})$	72057593769492480
4	$\mathcal{O}(14; \{2^{19}, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^{16}, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^{13}, 4^6\})$	2305843009213693952
4	$\mathcal{O}(14; \{2^{10}, 4^8\})$	9223372036854775808
4	$\mathcal{O}(14; \{2^7, 4^{10}\})$	36893488147419103232
4	$\mathcal{O}(14; \{2^4, 4^{12}\})$	147573952589676412928
4	$\mathcal{O}(14; \{2, 4^{14}\})$	590295810358705651712
4	$\mathcal{O}(13; \{2^{26}\})$	4503599560261632

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(13; \{2^{23}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^{20}, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^{17}, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^{14}, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{2^{11}, 4^{10}\})$	2305843009213693952
4	$\mathcal{O}(13; \{2^8, 4^{12}\})$	9223372036854775808
4	$\mathcal{O}(13; \{2^5, 4^{14}\})$	36893488147419103232
4	$\mathcal{O}(13; \{2^2, 4^{16}\})$	147573952589676412928
4	$\mathcal{O}(12; \{2^{30}\})$	281474959933440
4	$\mathcal{O}(12; \{2^{27}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{24}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{21}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^{18}, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^{15}, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2^{12}, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(12; \{2^9, 4^{14}\})$	2305843009213693952
4	$\mathcal{O}(12; \{2^6, 4^{16}\})$	9223372036854775808
4	$\mathcal{O}(12; \{2^3, 4^{18}\})$	36893488147419103232
4	$\mathcal{O}(12; \{4^{20}\})$	147573952589676412928
4	$\mathcal{O}(11; \{2^{34}\})$	17592181850112
4	$\mathcal{O}(11; \{2^{31}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{28}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{25}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{22}, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^{19}, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^{16}, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(11; \{2^{13}, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(11; \{2^{10}, 4^{16}\})$	576460752303423488
4	$\mathcal{O}(11; \{2^7, 4^{18}\})$	2305843009213693952
4	$\mathcal{O}(11; \{2^4, 4^{20}\})$	9223372036854775808
4	$\mathcal{O}(11; \{2, 4^{22}\})$	36893488147419103232
4	$\mathcal{O}(10; \{2^{38}\})$	1099510579200
4	$\mathcal{O}(10; \{2^{35}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{32}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{29}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{26}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^{23}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^{20}, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^{17}, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^{14}, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(10; \{2^{11}, 4^{18}\})$	144115188075855872
4	$\mathcal{O}(10; \{2^8, 4^{20}\})$	576460752303423488
4	$\mathcal{O}(10; \{2^5, 4^{22}\})$	2305843009213693952

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(10; \{2^2, 4^{24}\})$	9223372036854775808
4	$\mathcal{O}(9; \{2^{42}\})$	68719214592
4	$\mathcal{O}(9; \{2^{39}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{36}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{33}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{30}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{27}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{24}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^{21}, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^{18}, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^{15}, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(9; \{2^{12}, 4^{20}\})$	36028797018963968
4	$\mathcal{O}(9; \{2^9, 4^{22}\})$	144115188075855872
4	$\mathcal{O}(9; \{2^6, 4^{24}\})$	576460752303423488
4	$\mathcal{O}(9; \{2^3, 4^{26}\})$	2305843009213693952
4	$\mathcal{O}(9; \{4^{28}\})$	9223372036854775808
4	$\mathcal{O}(8; \{2^{46}\})$	4294901760
4	$\mathcal{O}(8; \{2^{43}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{40}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{37}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{34}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{31}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{28}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{25}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^{22}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^{19}, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^{16}, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^{13}, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(8; \{2^{10}, 4^{24}\})$	36028797018963968
4	$\mathcal{O}(8; \{2^7, 4^{26}\})$	144115188075855872
4	$\mathcal{O}(8; \{2^4, 4^{28}\})$	576460752303423488
4	$\mathcal{O}(8; \{2, 4^{30}\})$	2305843009213693952
4	$\mathcal{O}(7; \{2^{50}\})$	268419072
4	$\mathcal{O}(7; \{2^{47}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{44}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{41}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{38}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{35}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{32}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{29}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{26}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{23}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^{20}, 4^{20}\})$	140737488355328

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(7; \{2^{17}, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^{14}, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(7; \{2^{11}, 4^{26}\})$	9007199254740992
4	$\mathcal{O}(7; \{2^8, 4^{28}\})$	36028797018963968
4	$\mathcal{O}(7; \{2^5, 4^{30}\})$	144115188075855872
4	$\mathcal{O}(7; \{2^2, 4^{32}\})$	576460752303423488
4	$\mathcal{O}(6; \{2^{54}\})$	16773120
4	$\mathcal{O}(6; \{2^{51}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{48}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{45}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{42}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{39}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{36}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{33}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{30}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{27}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{24}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{21}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^{18}, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^{15}, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2^{12}, 4^{28}\})$	2251799813685248
4	$\mathcal{O}(6; \{2^9, 4^{30}\})$	9007199254740992
4	$\mathcal{O}(6; \{2^6, 4^{32}\})$	36028797018963968
4	$\mathcal{O}(6; \{2^3, 4^{34}\})$	144115188075855872
4	$\mathcal{O}(6; \{4^{36}\})$	576460752303423488
4	$\mathcal{O}(5; \{2^{58}\})$	1047552
4	$\mathcal{O}(5; \{2^{55}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{52}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{49}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{46}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{43}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{40}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{37}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{34}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{31}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{28}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{25}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{22}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^{19}, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^{16}, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2^{13}, 4^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{2^{10}, 4^{32}\})$	2251799813685248
4	$\mathcal{O}(5; \{2^7, 4^{34}\})$	9007199254740992

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(5; \{2^4, 4^{36}\})$	36028797018963968
4	$\mathcal{O}(5; \{2, 4^{38}\})$	144115188075855872
4	$\mathcal{O}(4; \{2^{62}\})$	65280
4	$\mathcal{O}(4; \{2^{59}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{56}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{53}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{50}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{47}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{44}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{41}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{38}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{35}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{32}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{29}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{26}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{23}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^{20}, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^{17}, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^{14}, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{2^{11}, 4^{34}\})$	562949953421312
4	$\mathcal{O}(4; \{2^8, 4^{36}\})$	2251799813685248
4	$\mathcal{O}(4; \{2^5, 4^{38}\})$	9007199254740992
4	$\mathcal{O}(4; \{2^2, 4^{40}\})$	36028797018963968
4	$\mathcal{O}(3; \{2^{66}\})$	4032
4	$\mathcal{O}(3; \{2^{63}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{60}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{57}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{54}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{51}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{48}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{45}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{42}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{39}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{36}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{33}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{30}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{27}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{24}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{21}, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^{18}, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^{15}, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{2^{12}, 4^{36}\})$	140737488355328
4	$\mathcal{O}(3; \{2^9, 4^{38}\})$	562949953421312

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{2^6, 4^{40}\})$	2251799813685248
4	$\mathcal{O}(3; \{2^3, 4^{42}\})$	9007199254740992
4	$\mathcal{O}(3; \{4^{44}\})$	36028797018963968
4	$\mathcal{O}(2; \{2^{70}\})$	240
4	$\mathcal{O}(2; \{2^{67}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{64}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{61}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{58}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{55}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{52}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{49}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{46}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{43}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{40}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{37}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{34}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{31}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{28}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{25}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{22}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^{19}, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^{16}, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^{13}, 4^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{2^{10}, 4^{40}\})$	140737488355328
4	$\mathcal{O}(2; \{2^7, 4^{42}\})$	562949953421312
4	$\mathcal{O}(2; \{2^4, 4^{44}\})$	2251799813685248
4	$\mathcal{O}(2; \{2, 4^{46}\})$	9007199254740992
4	$\mathcal{O}(1; \{2^{74}\})$	12
4	$\mathcal{O}(1; \{2^{71}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{68}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{65}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{62}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{59}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{56}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{53}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{50}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{47}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{44}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{41}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{38}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{35}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{32}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{29}, 4^{30}\})$	8589934592

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{2^{26}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{23}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^{20}, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^{17}, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^{14}, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{2^{11}, 4^{42}\})$	35184372088832
4	$\mathcal{O}(1; \{2^8, 4^{44}\})$	140737488355328
4	$\mathcal{O}(1; \{2^5, 4^{46}\})$	562949953421312
4	$\mathcal{O}(1; \{2^2, 4^{48}\})$	2251799813685248
4	$\mathcal{O}(0; \{2^{75}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{72}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{69}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{66}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{63}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{60}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{57}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{54}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{51}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{48}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{45}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{42}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{39}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{36}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{33}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{30}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{27}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{24}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{21}, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^{18}, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^{15}, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2^{12}, 4^{44}\})$	8796093022208
4	$\mathcal{O}(0; \{2^9, 4^{46}\})$	35184372088832
4	$\mathcal{O}(0; \{2^6, 4^{48}\})$	140737488355328
4	$\mathcal{O}(0; \{2^3, 4^{50}\})$	562949953421312
4	$\mathcal{O}(0; \{4^{52}\})$	2251799813685248
5	$\mathcal{O}(15; \{5^2\})$	3725290298461914062500
5	$\mathcal{O}(13; \{5^7\})$	4881620407104492187500
5	$\mathcal{O}(11; \{5^{12}\})$	8000001907348632812500
5	$\mathcal{O}(9; \{5^{17}\})$	13107199996948242187500
5	$\mathcal{O}(7; \{5^{22}\})$	21474836480004882812500
5	$\mathcal{O}(5; \{5^{27}\})$	35184372088831992187500
5	$\mathcal{O}(3; \{5^{32}\})$	57646075230342348812500
5	$\mathcal{O}(1; \{5^{37}\})$	94447329657392904273900

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(12; \{3^4\})$	28430286335352482490
6	$\mathcal{O}(12; \{2, 3^2, 6\})$	9476762676643233792
6	$\mathcal{O}(12; \{2^2, 6^2\})$	9476762676643233792
6	$\mathcal{O}(11; \{2^4, 3^4\})$	789730223053602816
6	$\mathcal{O}(11; \{3^7\})$	5528110243370716134
6	$\mathcal{O}(11; \{2^5, 3^2, 6\})$	263243407684534272
6	$\mathcal{O}(11; \{2, 3^5, 6\})$	2895677484529876992
6	$\mathcal{O}(11; \{2^6, 6^2\})$	263243407684534272
6	$\mathcal{O}(11; \{2^2, 3^3, 6^2\})$	1316217038422671360
6	$\mathcal{O}(11; \{2^3, 3, 6^3\})$	789730223053602816
6	$\mathcal{O}(11; \{3^2, 6^4\})$	2895677484529876992
6	$\mathcal{O}(11; \{2, 6^5\})$	1316217038422671360
6	$\mathcal{O}(10; \{2^8, 3^4\})$	21936950640377856
6	$\mathcal{O}(10; \{2^4, 3^7\})$	153558654482644992
6	$\mathcal{O}(10; \{3^{10}\})$	1250404994021272650
6	$\mathcal{O}(10; \{2^9, 3^2, 6\})$	7312316880125952
6	$\mathcal{O}(10; \{2^5, 3^5, 6\})$	80435485681385472
6	$\mathcal{O}(10; \{2, 3^8, 6\})$	621546934810705920
6	$\mathcal{O}(10; \{2^{10}, 6^2\})$	7312316880125952
6	$\mathcal{O}(10; \{2^6, 3^3, 6^2\})$	36561584400629760
6	$\mathcal{O}(10; \{2^2, 3^6, 6^2\})$	314429625845415936
6	$\mathcal{O}(10; \{2^7, 3, 6^3\})$	21936950640377856
6	$\mathcal{O}(10; \{2^3, 3^4, 6^3\})$	153558654482644992
6	$\mathcal{O}(10; \{2^4, 3^2, 6^4\})$	80435485681385472
6	$\mathcal{O}(10; \{3^5, 6^4\})$	621546934810705920
6	$\mathcal{O}(10; \{2^5, 6^5\})$	36561584400629760
6	$\mathcal{O}(10; \{2, 3^3, 6^5\})$	314429625845415936
6	$\mathcal{O}(10; \{2^2, 3, 6^6\})$	153558654482644992
6	$\mathcal{O}(10; \{6^8\})$	314429625845415936
6	$\mathcal{O}(9; \{2^{12}, 3^4\})$	609359740010496
6	$\mathcal{O}(9; \{2^8, 3^7\})$	4265518180073472
6	$\mathcal{O}(9; \{2^4, 3^{10}\})$	34733505180598272
6	$\mathcal{O}(9; \{3^{13}\})$	277257624046840710
6	$\mathcal{O}(9; \{2^{13}, 3^2, 6\})$	203119913336832
6	$\mathcal{O}(9; \{2^9, 3^5, 6\})$	2234319046705152
6	$\mathcal{O}(9; \{2^5, 3^8, 6\})$	17265192633630720
6	$\mathcal{O}(9; \{2, 3^{11}, 6\})$	138730900809056256
6	$\mathcal{O}(9; \{2^{14}, 6^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^{10}, 3^3, 6^2\})$	1015599566684160
6	$\mathcal{O}(9; \{2^6, 3^6, 6^2\})$	8734156273483776
6	$\mathcal{O}(9; \{2^2, 3^9, 6^2\})$	69263890447859712
6	$\mathcal{O}(9; \{2^{11}, 3, 6^3\})$	609359740010496
6	$\mathcal{O}(9; \{2^7, 3^4, 6^3\})$	4265518180073472

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{2^3, 3^7, 6^3\})$	34733505180598272
6	$\mathcal{O}(9; \{2^8, 3^2, 6^4\})$	2234319046705152
6	$\mathcal{O}(9; \{2^4, 3^5, 6^4\})$	17265192633630720
6	$\mathcal{O}(9; \{3^8, 6^4\})$	138730900809056256
6	$\mathcal{O}(9; \{2^9, 6^5\})$	1015599566684160
6	$\mathcal{O}(9; \{2^5, 3^3, 6^5\})$	8734156273483776
6	$\mathcal{O}(9; \{2, 3^6, 6^5\})$	69263890447859712
6	$\mathcal{O}(9; \{2^6, 3, 6^6\})$	4265518180073472
6	$\mathcal{O}(9; \{2^2, 3^4, 6^6\})$	34733505180598272
6	$\mathcal{O}(9; \{2^3, 3^2, 6^7\})$	17265192633630720
6	$\mathcal{O}(9; \{2^4, 6^8\})$	8734156273483776
6	$\mathcal{O}(9; \{3^3, 6^8\})$	69263890447859712
6	$\mathcal{O}(9; \{2, 3, 6^9\})$	34733505180598272
6	$\mathcal{O}(8; \{2^{16}, 3^4\})$	16926659444736
6	$\mathcal{O}(8; \{2^{12}, 3^7\})$	118486616113152
6	$\mathcal{O}(8; \{2^8, 3^{10}\})$	964819588349952
6	$\mathcal{O}(8; \{2^4, 3^{13}\})$	7701630047354880
6	$\mathcal{O}(8; \{3^{16}\})$	61629026639616810
6	$\mathcal{O}(8; \{2^{17}, 3^2, 6\})$	5642219814912
6	$\mathcal{O}(8; \{2^{13}, 3^5, 6\})$	62064417964032
6	$\mathcal{O}(8; \{2^9, 3^8, 6\})$	479588684267520
6	$\mathcal{O}(8; \{2^5, 3^{11}, 6\})$	3853636133584896
6	$\mathcal{O}(8; \{2, 3^{14}, 6\})$	30812162409234432
6	$\mathcal{O}(8; \{2^{18}, 6^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^{14}, 3^3, 6^2\})$	28211099074560
6	$\mathcal{O}(8; \{2^{10}, 3^6, 6^2\})$	242615452041216
6	$\mathcal{O}(8; \{2^6, 3^9, 6^2\})$	1923996956884992
6	$\mathcal{O}(8; \{2^2, 3^{12}, 6^2\})$	15408902314524672
6	$\mathcal{O}(8; \{2^{15}, 3, 6^3\})$	16926659444736
6	$\mathcal{O}(8; \{2^{11}, 3^4, 6^3\})$	118486616113152
6	$\mathcal{O}(8; \{2^7, 3^7, 6^3\})$	964819588349952
6	$\mathcal{O}(8; \{2^3, 3^{10}, 6^3\})$	7701630047354880
6	$\mathcal{O}(8; \{2^{12}, 3^2, 6^4\})$	62064417964032
6	$\mathcal{O}(8; \{2^8, 3^5, 6^4\})$	479588684267520
6	$\mathcal{O}(8; \{2^4, 3^8, 6^4\})$	3853636133584896
6	$\mathcal{O}(8; \{3^{11}, 6^4\})$	30812162409234432
6	$\mathcal{O}(8; \{2^{13}, 6^5\})$	28211099074560
6	$\mathcal{O}(8; \{2^9, 3^3, 6^5\})$	242615452041216
6	$\mathcal{O}(8; \{2^5, 3^6, 6^5\})$	1923996956884992
6	$\mathcal{O}(8; \{2, 3^9, 6^5\})$	15408902314524672
6	$\mathcal{O}(8; \{2^{10}, 3, 6^6\})$	118486616113152
6	$\mathcal{O}(8; \{2^6, 3^4, 6^6\})$	964819588349952
6	$\mathcal{O}(8; \{2^2, 3^7, 6^6\})$	7701630047354880

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{2^7, 3^2, 6^7\})$	479588684267520
6	$\mathcal{O}(8; \{2^3, 3^5, 6^7\})$	3853636133584896
6	$\mathcal{O}(8; \{2^8, 6^8\})$	242615452041216
6	$\mathcal{O}(8; \{2^4, 3^3, 6^8\})$	1923996956884992
6	$\mathcal{O}(8; \{3^6, 6^8\})$	15408902314524672
6	$\mathcal{O}(8; \{2^5, 3, 6^9\})$	964819588349952
6	$\mathcal{O}(8; \{2, 3^4, 6^9\})$	7701630047354880
6	$\mathcal{O}(8; \{2^2, 3^2, 6^{10}\})$	3853636133584896
6	$\mathcal{O}(8; \{2^3, 6^{11}\})$	1923996956884992
6	$\mathcal{O}(8; \{3, 6^{12}\})$	7701630047354880
6	$\mathcal{O}(7; \{2^{20}, 3^4\})$	470184984576
6	$\mathcal{O}(7; \{2^{16}, 3^7\})$	3291294892032
6	$\mathcal{O}(7; \{2^{12}, 3^{10}\})$	26800544120832
6	$\mathcal{O}(7; \{2^8, 3^{13}\})$	213934167982080
6	$\mathcal{O}(7; \{2^4, 3^{16}\})$	1711943528841216
6	$\mathcal{O}(7; \{3^{19}\})$	13694242164516774
6	$\mathcal{O}(7; \{2^{21}, 3^2, 6\})$	156728328192
6	$\mathcal{O}(7; \{2^{17}, 3^5, 6\})$	1724011610112
6	$\mathcal{O}(7; \{2^{13}, 3^8, 6\})$	13321907896320
6	$\mathcal{O}(7; \{2^9, 3^{11}, 6\})$	107045448155136
6	$\mathcal{O}(7; \{2^5, 3^{14}, 6\})$	855893400256512
6	$\mathcal{O}(7; \{2, 3^{17}, 6\})$	6847617387036672
6	$\mathcal{O}(7; \{2^{22}, 6^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{18}, 3^3, 6^2\})$	783641640960
6	$\mathcal{O}(7; \{2^{14}, 3^6, 6^2\})$	6739318112256
6	$\mathcal{O}(7; \{2^{10}, 3^9, 6^2\})$	53444359913472
6	$\mathcal{O}(7; \{2^6, 3^{12}, 6^2\})$	428025064292352
6	$\mathcal{O}(7; \{2^2, 3^{15}, 6^2\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{19}, 3, 6^3\})$	470184984576
6	$\mathcal{O}(7; \{2^{15}, 3^4, 6^3\})$	3291294892032
6	$\mathcal{O}(7; \{2^{11}, 3^7, 6^3\})$	26800544120832
6	$\mathcal{O}(7; \{2^7, 3^{10}, 6^3\})$	213934167982080
6	$\mathcal{O}(7; \{2^3, 3^{13}, 6^3\})$	1711943528841216
6	$\mathcal{O}(7; \{2^{16}, 3^2, 6^4\})$	1724011610112
6	$\mathcal{O}(7; \{2^{12}, 3^5, 6^4\})$	13321907896320
6	$\mathcal{O}(7; \{2^8, 3^8, 6^4\})$	107045448155136
6	$\mathcal{O}(7; \{2^4, 3^{11}, 6^4\})$	855893400256512
6	$\mathcal{O}(7; \{3^{14}, 6^4\})$	6847617387036672
6	$\mathcal{O}(7; \{2^{17}, 6^5\})$	783641640960
6	$\mathcal{O}(7; \{2^{13}, 3^3, 6^5\})$	6739318112256
6	$\mathcal{O}(7; \{2^9, 3^6, 6^5\})$	53444359913472
6	$\mathcal{O}(7; \{2^5, 3^9, 6^5\})$	428025064292352
6	$\mathcal{O}(7; \{2, 3^{12}, 6^5\})$	3423730329354240

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{2^{14}, 3, 6^6\})$	3291294892032
6	$\mathcal{O}(7; \{2^{10}, 3^4, 6^6\})$	26800544120832
6	$\mathcal{O}(7; \{2^6, 3^7, 6^6\})$	213934167982080
6	$\mathcal{O}(7; \{2^2, 3^{10}, 6^6\})$	1711943528841216
6	$\mathcal{O}(7; \{2^{11}, 3^2, 6^7\})$	13321907896320
6	$\mathcal{O}(7; \{2^7, 3^5, 6^7\})$	107045448155136
6	$\mathcal{O}(7; \{2^3, 3^8, 6^7\})$	855893400256512
6	$\mathcal{O}(7; \{2^{12}, 6^8\})$	6739318112256
6	$\mathcal{O}(7; \{2^8, 3^3, 6^8\})$	53444359913472
6	$\mathcal{O}(7; \{2^4, 3^6, 6^8\})$	428025064292352
6	$\mathcal{O}(7; \{3^9, 6^8\})$	3423730329354240
6	$\mathcal{O}(7; \{2^9, 3, 6^9\})$	26800544120832
6	$\mathcal{O}(7; \{2^5, 3^4, 6^9\})$	213934167982080
6	$\mathcal{O}(7; \{2, 3^7, 6^9\})$	1711943528841216
6	$\mathcal{O}(7; \{2^6, 3^2, 6^{10}\})$	107045448155136
6	$\mathcal{O}(7; \{2^2, 3^5, 6^{10}\})$	855893400256512
6	$\mathcal{O}(7; \{2^7, 6^{11}\})$	53444359913472
6	$\mathcal{O}(7; \{2^3, 3^3, 6^{11}\})$	428025064292352
6	$\mathcal{O}(7; \{2^4, 3, 6^{12}\})$	213934167982080
6	$\mathcal{O}(7; \{3^4, 6^{12}\})$	1711943528841216
6	$\mathcal{O}(7; \{2, 3^2, 6^{13}\})$	855893400256512
6	$\mathcal{O}(7; \{2^2, 6^{14}\})$	428025064292352
6	$\mathcal{O}(6; \{2^{24}, 3^4\})$	13060694016
6	$\mathcal{O}(6; \{2^{20}, 3^7\})$	91424858112
6	$\mathcal{O}(6; \{2^{16}, 3^{10}\})$	744459558912
6	$\mathcal{O}(6; \{2^{12}, 3^{13}\})$	5942615777280
6	$\mathcal{O}(6; \{2^8, 3^{16}\})$	47553986912256
6	$\mathcal{O}(6; \{2^4, 3^{19}\})$	380418834604032
6	$\mathcal{O}(6; \{3^{22}\})$	3042620728801290
6	$\mathcal{O}(6; \{2^{25}, 3^2, 6\})$	4353564672
6	$\mathcal{O}(6; \{2^{21}, 3^5, 6\})$	47889211392
6	$\mathcal{O}(6; \{2^{17}, 3^8, 6\})$	370052997120
6	$\mathcal{O}(6; \{2^{13}, 3^{11}, 6\})$	2973484670976
6	$\mathcal{O}(6; \{2^9, 3^{14}, 6\})$	23774816673792
6	$\mathcal{O}(6; \{2^5, 3^{17}, 6\})$	190211594084352
6	$\mathcal{O}(6; \{2, 3^{20}, 6\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{26}, 6^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{22}, 3^3, 6^2\})$	21767823360
6	$\mathcal{O}(6; \{2^{18}, 3^6, 6^2\})$	187203280896
6	$\mathcal{O}(6; \{2^{14}, 3^9, 6^2\})$	1484565553152
6	$\mathcal{O}(6; \{2^{10}, 3^{12}, 6^2\})$	11889585119232
6	$\mathcal{O}(6; \{2^6, 3^{15}, 6^2\})$	95103620259840
6	$\mathcal{O}(6; \{2^2, 3^{18}, 6^2\})$	760842022772736

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^{23}, 3, 6^3\})$	13060694016
6	$\mathcal{O}(6; \{2^{19}, 3^4, 6^3\})$	91424858112
6	$\mathcal{O}(6; \{2^{15}, 3^7, 6^3\})$	744459558912
6	$\mathcal{O}(6; \{2^{11}, 3^{10}, 6^3\})$	5942615777280
6	$\mathcal{O}(6; \{2^7, 3^{13}, 6^3\})$	47553986912256
6	$\mathcal{O}(6; \{2^3, 3^{16}, 6^3\})$	380418834604032
6	$\mathcal{O}(6; \{2^{20}, 3^2, 6^4\})$	47889211392
6	$\mathcal{O}(6; \{2^{16}, 3^5, 6^4\})$	370052997120
6	$\mathcal{O}(6; \{2^{12}, 3^8, 6^4\})$	2973484670976
6	$\mathcal{O}(6; \{2^8, 3^{11}, 6^4\})$	23774816673792
6	$\mathcal{O}(6; \{2^4, 3^{14}, 6^4\})$	190211594084352
6	$\mathcal{O}(6; \{3^{17}, 6^4\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{21}, 6^5\})$	21767823360
6	$\mathcal{O}(6; \{2^{17}, 3^3, 6^5\})$	187203280896
6	$\mathcal{O}(6; \{2^{13}, 3^6, 6^5\})$	1484565553152
6	$\mathcal{O}(6; \{2^9, 3^9, 6^5\})$	11889585119232
6	$\mathcal{O}(6; \{2^5, 3^{12}, 6^5\})$	95103620259840
6	$\mathcal{O}(6; \{2, 3^{15}, 6^5\})$	760842022772736
6	$\mathcal{O}(6; \{2^{18}, 3, 6^6\})$	91424858112
6	$\mathcal{O}(6; \{2^{14}, 3^4, 6^6\})$	744459558912
6	$\mathcal{O}(6; \{2^{10}, 3^7, 6^6\})$	5942615777280
6	$\mathcal{O}(6; \{2^6, 3^{10}, 6^6\})$	47553986912256
6	$\mathcal{O}(6; \{2^2, 3^{13}, 6^6\})$	380418834604032
6	$\mathcal{O}(6; \{2^{15}, 3^2, 6^7\})$	370052997120
6	$\mathcal{O}(6; \{2^{11}, 3^5, 6^7\})$	2973484670976
6	$\mathcal{O}(6; \{2^7, 3^8, 6^7\})$	23774816673792
6	$\mathcal{O}(6; \{2^3, 3^{11}, 6^7\})$	190211594084352
6	$\mathcal{O}(6; \{2^{16}, 6^8\})$	187203280896
6	$\mathcal{O}(6; \{2^{12}, 3^3, 6^8\})$	1484565553152
6	$\mathcal{O}(6; \{2^8, 3^6, 6^8\})$	11889585119232
6	$\mathcal{O}(6; \{2^4, 3^9, 6^8\})$	95103620259840
6	$\mathcal{O}(6; \{3^{12}, 6^8\})$	760842022772736
6	$\mathcal{O}(6; \{2^{13}, 3, 6^9\})$	744459558912
6	$\mathcal{O}(6; \{2^9, 3^4, 6^9\})$	5942615777280
6	$\mathcal{O}(6; \{2^5, 3^7, 6^9\})$	47553986912256
6	$\mathcal{O}(6; \{2, 3^{10}, 6^9\})$	380418834604032
6	$\mathcal{O}(6; \{2^{10}, 3^2, 6^{10}\})$	2973484670976
6	$\mathcal{O}(6; \{2^6, 3^5, 6^{10}\})$	23774816673792
6	$\mathcal{O}(6; \{2^2, 3^8, 6^{10}\})$	190211594084352
6	$\mathcal{O}(6; \{2^{11}, 6^{11}\})$	1484565553152
6	$\mathcal{O}(6; \{2^7, 3^3, 6^{11}\})$	11889585119232
6	$\mathcal{O}(6; \{2^3, 3^6, 6^{11}\})$	95103620259840
6	$\mathcal{O}(6; \{2^8, 3, 6^{12}\})$	5942615777280

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^4, 3^4, 6^{12}\})$	47553986912256
6	$\mathcal{O}(6; \{3^7, 6^{12}\})$	380418834604032
6	$\mathcal{O}(6; \{2^5, 3^2, 6^{13}\})$	23774816673792
6	$\mathcal{O}(6; \{2, 3^5, 6^{13}\})$	190211594084352
6	$\mathcal{O}(6; \{2^6, 6^{14}\})$	11889585119232
6	$\mathcal{O}(6; \{2^2, 3^3, 6^{14}\})$	95103620259840
6	$\mathcal{O}(6; \{2^3, 3, 6^{15}\})$	47553986912256
6	$\mathcal{O}(6; \{3^2, 6^{16}\})$	190211594084352
6	$\mathcal{O}(6; \{2, 6^{17}\})$	95103620259840
6	$\mathcal{O}(5; \{2^{28}, 3^4\})$	362797056
6	$\mathcal{O}(5; \{2^{24}, 3^7\})$	2539579392
6	$\mathcal{O}(5; \{2^{20}, 3^{10}\})$	20679432192
6	$\mathcal{O}(5; \{2^{16}, 3^{13}\})$	165072660480
6	$\mathcal{O}(5; \{2^{12}, 3^{16}\})$	1320944080896
6	$\mathcal{O}(5; \{2^8, 3^{19}\})$	10567189850112
6	$\mathcal{O}(5; \{2^4, 3^{22}\})$	84537881597952
6	$\mathcal{O}(5; \{3^{25}\})$	675642238140870
6	$\mathcal{O}(5; \{2^{29}, 3^2, 6\})$	120932352
6	$\mathcal{O}(5; \{2^{25}, 3^5, 6\})$	1330255872
6	$\mathcal{O}(5; \{2^{21}, 3^8, 6\})$	10279249920
6	$\mathcal{O}(5; \{2^{17}, 3^{11}, 6\})$	82596796416
6	$\mathcal{O}(5; \{2^{13}, 3^{14}, 6\})$	660411574272
6	$\mathcal{O}(5; \{2^9, 3^{17}, 6\})$	5283655391232
6	$\mathcal{O}(5; \{2^5, 3^{20}, 6\})$	42268880332800
6	$\mathcal{O}(5; \{2, 3^{23}, 6\})$	338151405459456
6	$\mathcal{O}(5; \{2^{30}, 6^2\})$	120932352
6	$\mathcal{O}(5; \{2^{26}, 3^3, 6^2\})$	604661760
6	$\mathcal{O}(5; \{2^{22}, 3^6, 6^2\})$	5200091136
6	$\mathcal{O}(5; \{2^{18}, 3^9, 6^2\})$	41237932032
6	$\mathcal{O}(5; \{2^{14}, 3^{12}, 6^2\})$	330266253312
6	$\mathcal{O}(5; \{2^{10}, 3^{15}, 6^2\})$	2641767229440
6	$\mathcal{O}(5; \{2^6, 3^{18}, 6^2\})$	21134500632576
6	$\mathcal{O}(5; \{2^2, 3^{21}, 6^2\})$	169075642263552
6	$\mathcal{O}(5; \{2^{27}, 3, 6^3\})$	362797056
6	$\mathcal{O}(5; \{2^{23}, 3^4, 6^3\})$	2539579392
6	$\mathcal{O}(5; \{2^{19}, 3^7, 6^3\})$	20679432192
6	$\mathcal{O}(5; \{2^{15}, 3^{10}, 6^3\})$	165072660480
6	$\mathcal{O}(5; \{2^{11}, 3^{13}, 6^3\})$	1320944080896
6	$\mathcal{O}(5; \{2^7, 3^{16}, 6^3\})$	10567189850112
6	$\mathcal{O}(5; \{2^3, 3^{19}, 6^3\})$	84537881597952
6	$\mathcal{O}(5; \{2^{24}, 3^2, 6^4\})$	1330255872
6	$\mathcal{O}(5; \{2^{20}, 3^5, 6^4\})$	10279249920
6	$\mathcal{O}(5; \{2^{16}, 3^8, 6^4\})$	82596796416

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^{12}, 3^{11}, 6^4\})$	660411574272
6	$\mathcal{O}(5; \{2^8, 3^{14}, 6^4\})$	5283655391232
6	$\mathcal{O}(5; \{2^4, 3^{17}, 6^4\})$	42268880332800
6	$\mathcal{O}(5; \{3^{20}, 6^4\})$	338151405459456
6	$\mathcal{O}(5; \{2^{25}, 6^5\})$	604661760
6	$\mathcal{O}(5; \{2^{21}, 3^3, 6^5\})$	5200091136
6	$\mathcal{O}(5; \{2^{17}, 3^6, 6^5\})$	41237932032
6	$\mathcal{O}(5; \{2^{13}, 3^9, 6^5\})$	330266253312
6	$\mathcal{O}(5; \{2^9, 3^{12}, 6^5\})$	2641767229440
6	$\mathcal{O}(5; \{2^5, 3^{15}, 6^5\})$	21134500632576
6	$\mathcal{O}(5; \{2, 3^{18}, 6^5\})$	169075642263552
6	$\mathcal{O}(5; \{2^{22}, 3, 6^6\})$	2539579392
6	$\mathcal{O}(5; \{2^{18}, 3^4, 6^6\})$	20679432192
6	$\mathcal{O}(5; \{2^{14}, 3^7, 6^6\})$	165072660480
6	$\mathcal{O}(5; \{2^{10}, 3^{10}, 6^6\})$	1320944080896
6	$\mathcal{O}(5; \{2^6, 3^{13}, 6^6\})$	10567189850112
6	$\mathcal{O}(5; \{2^2, 3^{16}, 6^6\})$	84537881597952
6	$\mathcal{O}(5; \{2^{19}, 3^2, 6^7\})$	10279249920
6	$\mathcal{O}(5; \{2^{15}, 3^5, 6^7\})$	82596796416
6	$\mathcal{O}(5; \{2^{11}, 3^8, 6^7\})$	660411574272
6	$\mathcal{O}(5; \{2^7, 3^{11}, 6^7\})$	5283655391232
6	$\mathcal{O}(5; \{2^3, 3^{14}, 6^7\})$	42268880332800
6	$\mathcal{O}(5; \{2^{20}, 6^8\})$	5200091136
6	$\mathcal{O}(5; \{2^{16}, 3^3, 6^8\})$	41237932032
6	$\mathcal{O}(5; \{2^{12}, 3^6, 6^8\})$	330266253312
6	$\mathcal{O}(5; \{2^8, 3^9, 6^8\})$	2641767229440
6	$\mathcal{O}(5; \{2^4, 3^{12}, 6^8\})$	21134500632576
6	$\mathcal{O}(5; \{3^{15}, 6^8\})$	169075642263552
6	$\mathcal{O}(5; \{2^{17}, 3, 6^9\})$	20679432192
6	$\mathcal{O}(5; \{2^{13}, 3^4, 6^9\})$	165072660480
6	$\mathcal{O}(5; \{2^9, 3^7, 6^9\})$	1320944080896
6	$\mathcal{O}(5; \{2^5, 3^{10}, 6^9\})$	10567189850112
6	$\mathcal{O}(5; \{2, 3^{13}, 6^9\})$	84537881597952
6	$\mathcal{O}(5; \{2^{14}, 3^2, 6^{10}\})$	82596796416
6	$\mathcal{O}(5; \{2^{10}, 3^5, 6^{10}\})$	660411574272
6	$\mathcal{O}(5; \{2^6, 3^8, 6^{10}\})$	5283655391232
6	$\mathcal{O}(5; \{2^2, 3^{11}, 6^{10}\})$	42268880332800
6	$\mathcal{O}(5; \{2^{15}, 6^{11}\})$	41237932032
6	$\mathcal{O}(5; \{2^{11}, 3^3, 6^{11}\})$	330266253312
6	$\mathcal{O}(5; \{2^7, 3^6, 6^{11}\})$	2641767229440
6	$\mathcal{O}(5; \{2^3, 3^9, 6^{11}\})$	21134500632576
6	$\mathcal{O}(5; \{2^{12}, 3, 6^{12}\})$	165072660480
6	$\mathcal{O}(5; \{2^8, 3^4, 6^{12}\})$	1320944080896

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^4, 3^7, 6^{12}\})$	10567189850112
6	$\mathcal{O}(5; \{3^{10}, 6^{12}\})$	84537881597952
6	$\mathcal{O}(5; \{2^9, 3^2, 6^{13}\})$	660411574272
6	$\mathcal{O}(5; \{2^5, 3^5, 6^{13}\})$	5283655391232
6	$\mathcal{O}(5; \{2, 3^8, 6^{13}\})$	42268880332800
6	$\mathcal{O}(5; \{2^{10}, 6^{14}\})$	330266253312
6	$\mathcal{O}(5; \{2^6, 3^3, 6^{14}\})$	2641767229440
6	$\mathcal{O}(5; \{2^2, 3^6, 6^{14}\})$	21134500632576
6	$\mathcal{O}(5; \{2^7, 3, 6^{15}\})$	1320944080896
6	$\mathcal{O}(5; \{2^3, 3^4, 6^{15}\})$	10567189850112
6	$\mathcal{O}(5; \{2^4, 3^2, 6^{16}\})$	5283655391232
6	$\mathcal{O}(5; \{3^5, 6^{16}\})$	42268880332800
6	$\mathcal{O}(5; \{2^5, 6^{17}\})$	2641767229440
6	$\mathcal{O}(5; \{2, 3^3, 6^{17}\})$	21134500632576
6	$\mathcal{O}(5; \{2^2, 3, 6^{18}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{20}\})$	21134500632576
6	$\mathcal{O}(4; \{2^{32}, 3^4\})$	10077696
6	$\mathcal{O}(4; \{2^{28}, 3^7\})$	70543872
6	$\mathcal{O}(4; \{2^{24}, 3^{10}\})$	574428672
6	$\mathcal{O}(4; \{2^{20}, 3^{13}\})$	4585351680
6	$\mathcal{O}(4; \{2^{16}, 3^{16}\})$	36692891136
6	$\mathcal{O}(4; \{2^{12}, 3^{19}\})$	293533051392
6	$\mathcal{O}(4; \{2^8, 3^{22}\})$	2348274488832
6	$\mathcal{O}(4; \{2^4, 3^{25}\})$	18786185832960
6	$\mathcal{O}(4; \{3^{28}\})$	149702428394730
6	$\mathcal{O}(4; \{2^{33}, 3^2, 6\})$	3359232
6	$\mathcal{O}(4; \{2^{29}, 3^5, 6\})$	36951552
6	$\mathcal{O}(4; \{2^{25}, 3^8, 6\})$	285534720
6	$\mathcal{O}(4; \{2^{21}, 3^{11}, 6\})$	2294355456
6	$\mathcal{O}(4; \{2^{17}, 3^{14}, 6\})$	18344765952
6	$\mathcal{O}(4; \{2^{13}, 3^{17}, 6\})$	146768205312
6	$\mathcal{O}(4; \{2^9, 3^{20}, 6\})$	1174135564800
6	$\mathcal{O}(4; \{2^5, 3^{23}, 6\})$	9393094596096
6	$\mathcal{O}(4; \{2, 3^{26}, 6\})$	75144746691072
6	$\mathcal{O}(4; \{2^{34}, 6^2\})$	3359232
6	$\mathcal{O}(4; \{2^{30}, 3^3, 6^2\})$	16796160
6	$\mathcal{O}(4; \{2^{26}, 3^6, 6^2\})$	144446976
6	$\mathcal{O}(4; \{2^{22}, 3^9, 6^2\})$	1145498112
6	$\mathcal{O}(4; \{2^{18}, 3^{12}, 6^2\})$	9174062592
6	$\mathcal{O}(4; \{2^{14}, 3^{15}, 6^2\})$	73382423040
6	$\mathcal{O}(4; \{2^{10}, 3^{18}, 6^2\})$	587069462016
6	$\mathcal{O}(4; \{2^6, 3^{21}, 6^2\})$	4696545618432
6	$\mathcal{O}(4; \{2^2, 3^{24}, 6^2\})$	37572375025152

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^{31}, 3, 6^3\})$	10077696
6	$\mathcal{O}(4; \{2^{27}, 3^4, 6^3\})$	70543872
6	$\mathcal{O}(4; \{2^{23}, 3^7, 6^3\})$	574428672
6	$\mathcal{O}(4; \{2^{19}, 3^{10}, 6^3\})$	4585351680
6	$\mathcal{O}(4; \{2^{15}, 3^{13}, 6^3\})$	36692891136
6	$\mathcal{O}(4; \{2^{11}, 3^{16}, 6^3\})$	293533051392
6	$\mathcal{O}(4; \{2^7, 3^{19}, 6^3\})$	2348274488832
6	$\mathcal{O}(4; \{2^3, 3^{22}, 6^3\})$	18786185832960
6	$\mathcal{O}(4; \{2^{28}, 3^2, 6^4\})$	36951552
6	$\mathcal{O}(4; \{2^{24}, 3^5, 6^4\})$	285534720
6	$\mathcal{O}(4; \{2^{20}, 3^8, 6^4\})$	2294355456
6	$\mathcal{O}(4; \{2^{16}, 3^{11}, 6^4\})$	18344765952
6	$\mathcal{O}(4; \{2^{12}, 3^{14}, 6^4\})$	146768205312
6	$\mathcal{O}(4; \{2^8, 3^{17}, 6^4\})$	1174135564800
6	$\mathcal{O}(4; \{2^4, 3^{20}, 6^4\})$	9393094596096
6	$\mathcal{O}(4; \{3^{23}, 6^4\})$	75144746691072
6	$\mathcal{O}(4; \{2^{29}, 6^5\})$	16796160
6	$\mathcal{O}(4; \{2^{25}, 3^3, 6^5\})$	144446976
6	$\mathcal{O}(4; \{2^{21}, 3^6, 6^5\})$	1145498112
6	$\mathcal{O}(4; \{2^{17}, 3^9, 6^5\})$	9174062592
6	$\mathcal{O}(4; \{2^{13}, 3^{12}, 6^5\})$	73382423040
6	$\mathcal{O}(4; \{2^9, 3^{15}, 6^5\})$	587069462016
6	$\mathcal{O}(4; \{2^5, 3^{18}, 6^5\})$	4696545618432
6	$\mathcal{O}(4; \{2, 3^{21}, 6^5\})$	37572375025152
6	$\mathcal{O}(4; \{2^{26}, 3, 6^6\})$	70543872
6	$\mathcal{O}(4; \{2^{22}, 3^4, 6^6\})$	574428672
6	$\mathcal{O}(4; \{2^{18}, 3^7, 6^6\})$	4585351680
6	$\mathcal{O}(4; \{2^{14}, 3^{10}, 6^6\})$	36692891136
6	$\mathcal{O}(4; \{2^{10}, 3^{13}, 6^6\})$	293533051392
6	$\mathcal{O}(4; \{2^6, 3^{16}, 6^6\})$	2348274488832
6	$\mathcal{O}(4; \{2^2, 3^{19}, 6^6\})$	18786185832960
6	$\mathcal{O}(4; \{2^{23}, 3^2, 6^7\})$	285534720
6	$\mathcal{O}(4; \{2^{19}, 3^5, 6^7\})$	2294355456
6	$\mathcal{O}(4; \{2^{15}, 3^8, 6^7\})$	18344765952
6	$\mathcal{O}(4; \{2^{11}, 3^{11}, 6^7\})$	146768205312
6	$\mathcal{O}(4; \{2^7, 3^{14}, 6^7\})$	1174135564800
6	$\mathcal{O}(4; \{2^3, 3^{17}, 6^7\})$	9393094596096
6	$\mathcal{O}(4; \{2^{24}, 6^8\})$	144446976
6	$\mathcal{O}(4; \{2^{20}, 3^3, 6^8\})$	1145498112
6	$\mathcal{O}(4; \{2^{16}, 3^6, 6^8\})$	9174062592
6	$\mathcal{O}(4; \{2^{12}, 3^9, 6^8\})$	73382423040
6	$\mathcal{O}(4; \{2^8, 3^{12}, 6^8\})$	587069462016
6	$\mathcal{O}(4; \{2^4, 3^{15}, 6^8\})$	4696545618432

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{3^{18}, 6^8\})$	37572375025152
6	$\mathcal{O}(4; \{2^{21}, 3, 6^9\})$	574428672
6	$\mathcal{O}(4; \{2^{17}, 3^4, 6^9\})$	4585351680
6	$\mathcal{O}(4; \{2^{13}, 3^7, 6^9\})$	36692891136
6	$\mathcal{O}(4; \{2^9, 3^{10}, 6^9\})$	293533051392
6	$\mathcal{O}(4; \{2^5, 3^{13}, 6^9\})$	2348274488832
6	$\mathcal{O}(4; \{2, 3^{16}, 6^9\})$	18786185832960
6	$\mathcal{O}(4; \{2^{18}, 3^2, 6^{10}\})$	2294355456
6	$\mathcal{O}(4; \{2^{14}, 3^5, 6^{10}\})$	18344765952
6	$\mathcal{O}(4; \{2^{10}, 3^8, 6^{10}\})$	146768205312
6	$\mathcal{O}(4; \{2^6, 3^{11}, 6^{10}\})$	1174135564800
6	$\mathcal{O}(4; \{2^2, 3^{14}, 6^{10}\})$	9393094596096
6	$\mathcal{O}(4; \{2^{19}, 6^{11}\})$	1145498112
6	$\mathcal{O}(4; \{2^{15}, 3^3, 6^{11}\})$	9174062592
6	$\mathcal{O}(4; \{2^{11}, 3^6, 6^{11}\})$	73382423040
6	$\mathcal{O}(4; \{2^7, 3^9, 6^{11}\})$	587069462016
6	$\mathcal{O}(4; \{2^3, 3^{12}, 6^{11}\})$	4696545618432
6	$\mathcal{O}(4; \{2^{16}, 3, 6^{12}\})$	4585351680
6	$\mathcal{O}(4; \{2^{12}, 3^4, 6^{12}\})$	36692891136
6	$\mathcal{O}(4; \{2^8, 3^7, 6^{12}\})$	293533051392
6	$\mathcal{O}(4; \{2^4, 3^{10}, 6^{12}\})$	2348274488832
6	$\mathcal{O}(4; \{3^{13}, 6^{12}\})$	18786185832960
6	$\mathcal{O}(4; \{2^{13}, 3^2, 6^{13}\})$	18344765952
6	$\mathcal{O}(4; \{2^9, 3^5, 6^{13}\})$	146768205312
6	$\mathcal{O}(4; \{2^5, 3^8, 6^{13}\})$	1174135564800
6	$\mathcal{O}(4; \{2, 3^{11}, 6^{13}\})$	9393094596096
6	$\mathcal{O}(4; \{2^{14}, 6^{14}\})$	9174062592
6	$\mathcal{O}(4; \{2^{10}, 3^3, 6^{14}\})$	73382423040
6	$\mathcal{O}(4; \{2^6, 3^6, 6^{14}\})$	587069462016
6	$\mathcal{O}(4; \{2^2, 3^9, 6^{14}\})$	4696545618432
6	$\mathcal{O}(4; \{2^{11}, 3, 6^{15}\})$	36692891136
6	$\mathcal{O}(4; \{2^7, 3^4, 6^{15}\})$	293533051392
6	$\mathcal{O}(4; \{2^3, 3^7, 6^{15}\})$	2348274488832
6	$\mathcal{O}(4; \{2^8, 3^2, 6^{16}\})$	146768205312
6	$\mathcal{O}(4; \{2^4, 3^5, 6^{16}\})$	1174135564800
6	$\mathcal{O}(4; \{3^8, 6^{16}\})$	9393094596096
6	$\mathcal{O}(4; \{2^9, 6^{17}\})$	73382423040
6	$\mathcal{O}(4; \{2^5, 3^3, 6^{17}\})$	587069462016
6	$\mathcal{O}(4; \{2, 3^6, 6^{17}\})$	4696545618432
6	$\mathcal{O}(4; \{2^6, 3, 6^{18}\})$	293533051392
6	$\mathcal{O}(4; \{2^2, 3^4, 6^{18}\})$	2348274488832
6	$\mathcal{O}(4; \{2^3, 3^2, 6^{19}\})$	1174135564800
6	$\mathcal{O}(4; \{2^4, 6^{20}\})$	587069462016

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{3^3, 6^{20}\})$	4696545618432
6	$\mathcal{O}(4; \{2, 3, 6^{21}\})$	2348274488832
6	$\mathcal{O}(3; \{2^{36}, 3^4\})$	279936
6	$\mathcal{O}(3; \{2^{32}, 3^7\})$	1959552
6	$\mathcal{O}(3; \{2^{28}, 3^{10}\})$	15956352
6	$\mathcal{O}(3; \{2^{24}, 3^{13}\})$	127370880
6	$\mathcal{O}(3; \{2^{20}, 3^{16}\})$	1019246976
6	$\mathcal{O}(3; \{2^{16}, 3^{19}\})$	8153695872
6	$\mathcal{O}(3; \{2^{12}, 3^{22}\})$	65229846912
6	$\mathcal{O}(3; \{2^8, 3^{25}\})$	521838495360
6	$\mathcal{O}(3; \{2^4, 3^{28}\})$	4174708242816
6	$\mathcal{O}(3; \{3^{31}\})$	32875827136614
6	$\mathcal{O}(3; \{2^{37}, 3^2, 6\})$	93312
6	$\mathcal{O}(3; \{2^{33}, 3^5, 6\})$	1026432
6	$\mathcal{O}(3; \{2^{29}, 3^8, 6\})$	7931520
6	$\mathcal{O}(3; \{2^{25}, 3^{11}, 6\})$	63732096
6	$\mathcal{O}(3; \{2^{21}, 3^{14}, 6\})$	509576832
6	$\mathcal{O}(3; \{2^{17}, 3^{17}, 6\})$	4076894592
6	$\mathcal{O}(3; \{2^{13}, 3^{20}, 6\})$	32614876800
6	$\mathcal{O}(3; \{2^9, 3^{23}, 6\})$	260919294336
6	$\mathcal{O}(3; \{2^5, 3^{26}, 6\})$	2087354074752
6	$\mathcal{O}(3; \{2, 3^{29}, 6\})$	16698832877952
6	$\mathcal{O}(3; \{2^{38}, 6^2\})$	93312
6	$\mathcal{O}(3; \{2^{34}, 3^3, 6^2\})$	466560
6	$\mathcal{O}(3; \{2^{30}, 3^6, 6^2\})$	4012416
6	$\mathcal{O}(3; \{2^{26}, 3^9, 6^2\})$	31819392
6	$\mathcal{O}(3; \{2^{22}, 3^{12}, 6^2\})$	254835072
6	$\mathcal{O}(3; \{2^{18}, 3^{15}, 6^2\})$	2038400640
6	$\mathcal{O}(3; \{2^{14}, 3^{18}, 6^2\})$	16307485056
6	$\mathcal{O}(3; \{2^{10}, 3^{21}, 6^2\})$	130459600512
6	$\mathcal{O}(3; \{2^6, 3^{24}, 6^2\})$	1043677084032
6	$\mathcal{O}(3; \{2^2, 3^{27}, 6^2\})$	8349416392320
6	$\mathcal{O}(3; \{2^{35}, 3, 6^3\})$	279936
6	$\mathcal{O}(3; \{2^{31}, 3^4, 6^3\})$	1959552
6	$\mathcal{O}(3; \{2^{27}, 3^7, 6^3\})$	15956352
6	$\mathcal{O}(3; \{2^{23}, 3^{10}, 6^3\})$	127370880
6	$\mathcal{O}(3; \{2^{19}, 3^{13}, 6^3\})$	1019246976
6	$\mathcal{O}(3; \{2^{15}, 3^{16}, 6^3\})$	8153695872
6	$\mathcal{O}(3; \{2^{11}, 3^{19}, 6^3\})$	65229846912
6	$\mathcal{O}(3; \{2^7, 3^{22}, 6^3\})$	521838495360
6	$\mathcal{O}(3; \{2^3, 3^{25}, 6^3\})$	4174708242816
6	$\mathcal{O}(3; \{2^{32}, 3^2, 6^4\})$	1026432
6	$\mathcal{O}(3; \{2^{28}, 3^5, 6^4\})$	7931520

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{24}, 3^8, 6^4\})$	63732096
6	$\mathcal{O}(3; \{2^{20}, 3^{11}, 6^4\})$	509576832
6	$\mathcal{O}(3; \{2^{16}, 3^{14}, 6^4\})$	4076894592
6	$\mathcal{O}(3; \{2^{12}, 3^{17}, 6^4\})$	32614876800
6	$\mathcal{O}(3; \{2^8, 3^{20}, 6^4\})$	260919294336
6	$\mathcal{O}(3; \{2^4, 3^{23}, 6^4\})$	2087354074752
6	$\mathcal{O}(3; \{3^{26}, 6^4\})$	16698832877952
6	$\mathcal{O}(3; \{2^{33}, 6^5\})$	466560
6	$\mathcal{O}(3; \{2^{29}, 3^3, 6^5\})$	4012416
6	$\mathcal{O}(3; \{2^{25}, 3^6, 6^5\})$	31819392
6	$\mathcal{O}(3; \{2^{21}, 3^9, 6^5\})$	254835072
6	$\mathcal{O}(3; \{2^{17}, 3^{12}, 6^5\})$	2038400640
6	$\mathcal{O}(3; \{2^{13}, 3^{15}, 6^5\})$	16307485056
6	$\mathcal{O}(3; \{2^9, 3^{18}, 6^5\})$	130459600512
6	$\mathcal{O}(3; \{2^5, 3^{21}, 6^5\})$	1043677084032
6	$\mathcal{O}(3; \{2, 3^{24}, 6^5\})$	8349416392320
6	$\mathcal{O}(3; \{2^{30}, 3, 6^6\})$	1959552
6	$\mathcal{O}(3; \{2^{26}, 3^4, 6^6\})$	15956352
6	$\mathcal{O}(3; \{2^{22}, 3^7, 6^6\})$	127370880
6	$\mathcal{O}(3; \{2^{18}, 3^{10}, 6^6\})$	1019246976
6	$\mathcal{O}(3; \{2^{14}, 3^{13}, 6^6\})$	8153695872
6	$\mathcal{O}(3; \{2^{10}, 3^{16}, 6^6\})$	65229846912
6	$\mathcal{O}(3; \{2^6, 3^{19}, 6^6\})$	521838495360
6	$\mathcal{O}(3; \{2^2, 3^{22}, 6^6\})$	4174708242816
6	$\mathcal{O}(3; \{2^{27}, 3^2, 6^7\})$	7931520
6	$\mathcal{O}(3; \{2^{23}, 3^5, 6^7\})$	63732096
6	$\mathcal{O}(3; \{2^{19}, 3^8, 6^7\})$	509576832
6	$\mathcal{O}(3; \{2^{15}, 3^{11}, 6^7\})$	4076894592
6	$\mathcal{O}(3; \{2^{11}, 3^{14}, 6^7\})$	32614876800
6	$\mathcal{O}(3; \{2^7, 3^{17}, 6^7\})$	260919294336
6	$\mathcal{O}(3; \{2^3, 3^{20}, 6^7\})$	2087354074752
6	$\mathcal{O}(3; \{2^{28}, 6^8\})$	4012416
6	$\mathcal{O}(3; \{2^{24}, 3^3, 6^8\})$	31819392
6	$\mathcal{O}(3; \{2^{20}, 3^6, 6^8\})$	254835072
6	$\mathcal{O}(3; \{2^{16}, 3^9, 6^8\})$	2038400640
6	$\mathcal{O}(3; \{2^{12}, 3^{12}, 6^8\})$	16307485056
6	$\mathcal{O}(3; \{2^8, 3^{15}, 6^8\})$	130459600512
6	$\mathcal{O}(3; \{2^4, 3^{18}, 6^8\})$	1043677084032
6	$\mathcal{O}(3; \{3^{21}, 6^8\})$	8349416392320
6	$\mathcal{O}(3; \{2^{25}, 3, 6^9\})$	15956352
6	$\mathcal{O}(3; \{2^{21}, 3^4, 6^9\})$	127370880
6	$\mathcal{O}(3; \{2^{17}, 3^7, 6^9\})$	1019246976
6	$\mathcal{O}(3; \{2^{13}, 3^{10}, 6^9\})$	8153695872

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^9, 3^{13}, 6^9\})$	65229846912
6	$\mathcal{O}(3; \{2^5, 3^{16}, 6^9\})$	521838495360
6	$\mathcal{O}(3; \{2, 3^{19}, 6^9\})$	4174708242816
6	$\mathcal{O}(3; \{2^{22}, 3^2, 6^{10}\})$	63732096
6	$\mathcal{O}(3; \{2^{18}, 3^5, 6^{10}\})$	509576832
6	$\mathcal{O}(3; \{2^{14}, 3^8, 6^{10}\})$	4076894592
6	$\mathcal{O}(3; \{2^{10}, 3^{11}, 6^{10}\})$	32614876800
6	$\mathcal{O}(3; \{2^6, 3^{14}, 6^{10}\})$	260919294336
6	$\mathcal{O}(3; \{2^2, 3^{17}, 6^{10}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{23}, 6^{11}\})$	31819392
6	$\mathcal{O}(3; \{2^{19}, 3^3, 6^{11}\})$	254835072
6	$\mathcal{O}(3; \{2^{15}, 3^6, 6^{11}\})$	2038400640
6	$\mathcal{O}(3; \{2^{11}, 3^9, 6^{11}\})$	16307485056
6	$\mathcal{O}(3; \{2^7, 3^{12}, 6^{11}\})$	130459600512
6	$\mathcal{O}(3; \{2^3, 3^{15}, 6^{11}\})$	1043677084032
6	$\mathcal{O}(3; \{2^{20}, 3, 6^{12}\})$	127370880
6	$\mathcal{O}(3; \{2^{16}, 3^4, 6^{12}\})$	1019246976
6	$\mathcal{O}(3; \{2^{12}, 3^7, 6^{12}\})$	8153695872
6	$\mathcal{O}(3; \{2^8, 3^{10}, 6^{12}\})$	65229846912
6	$\mathcal{O}(3; \{2^4, 3^{13}, 6^{12}\})$	521838495360
6	$\mathcal{O}(3; \{3^{16}, 6^{12}\})$	4174708242816
6	$\mathcal{O}(3; \{2^{17}, 3^2, 6^{13}\})$	509576832
6	$\mathcal{O}(3; \{2^{13}, 3^5, 6^{13}\})$	4076894592
6	$\mathcal{O}(3; \{2^9, 3^8, 6^{13}\})$	32614876800
6	$\mathcal{O}(3; \{2^5, 3^{11}, 6^{13}\})$	260919294336
6	$\mathcal{O}(3; \{2, 3^{14}, 6^{13}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{18}, 6^{14}\})$	254835072
6	$\mathcal{O}(3; \{2^{14}, 3^3, 6^{14}\})$	2038400640
6	$\mathcal{O}(3; \{2^{10}, 3^6, 6^{14}\})$	16307485056
6	$\mathcal{O}(3; \{2^6, 3^9, 6^{14}\})$	130459600512
6	$\mathcal{O}(3; \{2^2, 3^{12}, 6^{14}\})$	1043677084032
6	$\mathcal{O}(3; \{2^{15}, 3, 6^{15}\})$	1019246976
6	$\mathcal{O}(3; \{2^{11}, 3^4, 6^{15}\})$	8153695872
6	$\mathcal{O}(3; \{2^7, 3^7, 6^{15}\})$	65229846912
6	$\mathcal{O}(3; \{2^3, 3^{10}, 6^{15}\})$	521838495360
6	$\mathcal{O}(3; \{2^{12}, 3^2, 6^{16}\})$	4076894592
6	$\mathcal{O}(3; \{2^8, 3^5, 6^{16}\})$	32614876800
6	$\mathcal{O}(3; \{2^4, 3^8, 6^{16}\})$	260919294336
6	$\mathcal{O}(3; \{3^{11}, 6^{16}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{13}, 6^{17}\})$	2038400640
6	$\mathcal{O}(3; \{2^9, 3^3, 6^{17}\})$	16307485056
6	$\mathcal{O}(3; \{2^5, 3^6, 6^{17}\})$	130459600512
6	$\mathcal{O}(3; \{2, 3^9, 6^{17}\})$	1043677084032

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{10}, 3, 6^{18}\})$	8153695872
6	$\mathcal{O}(3; \{2^6, 3^4, 6^{18}\})$	65229846912
6	$\mathcal{O}(3; \{2^2, 3^7, 6^{18}\})$	521838495360
6	$\mathcal{O}(3; \{2^7, 3^2, 6^{19}\})$	32614876800
6	$\mathcal{O}(3; \{2^3, 3^5, 6^{19}\})$	260919294336
6	$\mathcal{O}(3; \{2^8, 6^{20}\})$	16307485056
6	$\mathcal{O}(3; \{2^4, 3^3, 6^{20}\})$	130459600512
6	$\mathcal{O}(3; \{3^6, 6^{20}\})$	1043677084032
6	$\mathcal{O}(3; \{2^5, 3, 6^{21}\})$	65229846912
6	$\mathcal{O}(3; \{2, 3^4, 6^{21}\})$	521838495360
6	$\mathcal{O}(3; \{2^2, 3^2, 6^{22}\})$	260919294336
6	$\mathcal{O}(3; \{2^3, 6^{23}\})$	130459600512
6	$\mathcal{O}(3; \{3, 6^{24}\})$	521838495360
6	$\mathcal{O}(2; \{2^{40}, 3^4\})$	7776
6	$\mathcal{O}(2; \{2^{36}, 3^7\})$	54432
6	$\mathcal{O}(2; \{2^{32}, 3^{10}\})$	443232
6	$\mathcal{O}(2; \{2^{28}, 3^{13}\})$	3538080
6	$\mathcal{O}(2; \{2^{24}, 3^{16}\})$	28312416
6	$\mathcal{O}(2; \{2^{20}, 3^{19}\})$	226491552
6	$\mathcal{O}(2; \{2^{16}, 3^{22}\})$	1811940192
6	$\mathcal{O}(2; \{2^{12}, 3^{25}\})$	14495513760
6	$\mathcal{O}(2; \{2^8, 3^{28}\})$	115964117856
6	$\mathcal{O}(2; \{2^4, 3^{31}\})$	927712935072
6	$\mathcal{O}(2; \{3^{34}\})$	6957847020330
6	$\mathcal{O}(2; \{2^{41}, 3^2, 6\})$	2592
6	$\mathcal{O}(2; \{2^{37}, 3^5, 6\})$	28512
6	$\mathcal{O}(2; \{2^{33}, 3^8, 6\})$	220320
6	$\mathcal{O}(2; \{2^{29}, 3^{11}, 6\})$	1770336
6	$\mathcal{O}(2; \{2^{25}, 3^{14}, 6\})$	14154912
6	$\mathcal{O}(2; \{2^{21}, 3^{17}, 6\})$	113247072
6	$\mathcal{O}(2; \{2^{17}, 3^{20}, 6\})$	905968800
6	$\mathcal{O}(2; \{2^{13}, 3^{23}, 6\})$	7247758176
6	$\mathcal{O}(2; \{2^9, 3^{26}, 6\})$	57982057632
6	$\mathcal{O}(2; \{2^5, 3^{29}, 6\})$	463856468832
6	$\mathcal{O}(2; \{2, 3^{32}, 6\})$	3710851742880
6	$\mathcal{O}(2; \{2^{42}, 6^2\})$	2592
6	$\mathcal{O}(2; \{2^{38}, 3^3, 6^2\})$	12960
6	$\mathcal{O}(2; \{2^{34}, 3^6, 6^2\})$	111456
6	$\mathcal{O}(2; \{2^{30}, 3^9, 6^2\})$	883872
6	$\mathcal{O}(2; \{2^{26}, 3^{12}, 6^2\})$	7078752
6	$\mathcal{O}(2; \{2^{22}, 3^{15}, 6^2\})$	56622240
6	$\mathcal{O}(2; \{2^{18}, 3^{18}, 6^2\})$	452985696
6	$\mathcal{O}(2; \{2^{14}, 3^{21}, 6^2\})$	3623877792

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{27}, 3^5, 6^7\})$	1770336
6	$\mathcal{O}(2; \{2^{23}, 3^8, 6^7\})$	14154912
6	$\mathcal{O}(2; \{2^{19}, 3^{11}, 6^7\})$	113247072
6	$\mathcal{O}(2; \{2^{15}, 3^{14}, 6^7\})$	905968800
6	$\mathcal{O}(2; \{2^{11}, 3^{17}, 6^7\})$	7247758176
6	$\mathcal{O}(2; \{2^7, 3^{20}, 6^7\})$	57982057632
6	$\mathcal{O}(2; \{2^3, 3^{23}, 6^7\})$	463856468832
6	$\mathcal{O}(2; \{2^{32}, 6^8\})$	111456
6	$\mathcal{O}(2; \{2^{28}, 3^3, 6^8\})$	883872
6	$\mathcal{O}(2; \{2^{24}, 3^6, 6^8\})$	7078752
6	$\mathcal{O}(2; \{2^{20}, 3^9, 6^8\})$	56622240
6	$\mathcal{O}(2; \{2^{16}, 3^{12}, 6^8\})$	452985696
6	$\mathcal{O}(2; \{2^{12}, 3^{15}, 6^8\})$	3623877792
6	$\mathcal{O}(2; \{2^8, 3^{18}, 6^8\})$	28991030112
6	$\mathcal{O}(2; \{2^4, 3^{21}, 6^8\})$	231928233120
6	$\mathcal{O}(2; \{3^{24}, 6^8\})$	1855425872736
6	$\mathcal{O}(2; \{2^{29}, 3, 6^9\})$	443232
6	$\mathcal{O}(2; \{2^{25}, 3^4, 6^9\})$	3538080
6	$\mathcal{O}(2; \{2^{21}, 3^7, 6^9\})$	28312416
6	$\mathcal{O}(2; \{2^{17}, 3^{10}, 6^9\})$	226491552
6	$\mathcal{O}(2; \{2^{13}, 3^{13}, 6^9\})$	1811940192
6	$\mathcal{O}(2; \{2^9, 3^{16}, 6^9\})$	14495513760
6	$\mathcal{O}(2; \{2^5, 3^{19}, 6^9\})$	115964117856
6	$\mathcal{O}(2; \{2, 3^{22}, 6^9\})$	927712935072
6	$\mathcal{O}(2; \{2^{26}, 3^2, 6^{10}\})$	1770336
6	$\mathcal{O}(2; \{2^{22}, 3^5, 6^{10}\})$	14154912
6	$\mathcal{O}(2; \{2^{18}, 3^8, 6^{10}\})$	113247072
6	$\mathcal{O}(2; \{2^{14}, 3^{11}, 6^{10}\})$	905968800
6	$\mathcal{O}(2; \{2^{10}, 3^{14}, 6^{10}\})$	7247758176
6	$\mathcal{O}(2; \{2^6, 3^{17}, 6^{10}\})$	57982057632
6	$\mathcal{O}(2; \{2^2, 3^{20}, 6^{10}\})$	463856468832
6	$\mathcal{O}(2; \{2^{27}, 6^{11}\})$	883872
6	$\mathcal{O}(2; \{2^{23}, 3^3, 6^{11}\})$	7078752
6	$\mathcal{O}(2; \{2^{19}, 3^6, 6^{11}\})$	56622240
6	$\mathcal{O}(2; \{2^{15}, 3^9, 6^{11}\})$	452985696
6	$\mathcal{O}(2; \{2^{11}, 3^{12}, 6^{11}\})$	3623877792
6	$\mathcal{O}(2; \{2^7, 3^{15}, 6^{11}\})$	28991030112
6	$\mathcal{O}(2; \{2^3, 3^{18}, 6^{11}\})$	231928233120
6	$\mathcal{O}(2; \{2^{24}, 3, 6^{12}\})$	3538080
6	$\mathcal{O}(2; \{2^{20}, 3^4, 6^{12}\})$	28312416
6	$\mathcal{O}(2; \{2^{16}, 3^7, 6^{12}\})$	226491552
6	$\mathcal{O}(2; \{2^{12}, 3^{10}, 6^{12}\})$	1811940192
6	$\mathcal{O}(2; \{2^8, 3^{13}, 6^{12}\})$	14495513760

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^4, 3^{16}, 6^{12}\})$	115964117856
6	$\mathcal{O}(2; \{3^{19}, 6^{12}\})$	927712935072
6	$\mathcal{O}(2; \{2^{21}, 3^2, 6^{13}\})$	14154912
6	$\mathcal{O}(2; \{2^{17}, 3^5, 6^{13}\})$	113247072
6	$\mathcal{O}(2; \{2^{13}, 3^8, 6^{13}\})$	905968800
6	$\mathcal{O}(2; \{2^9, 3^{11}, 6^{13}\})$	7247758176
6	$\mathcal{O}(2; \{2^5, 3^{14}, 6^{13}\})$	57982057632
6	$\mathcal{O}(2; \{2, 3^{17}, 6^{13}\})$	463856468832
6	$\mathcal{O}(2; \{2^{22}, 6^{14}\})$	7078752
6	$\mathcal{O}(2; \{2^{18}, 3^3, 6^{14}\})$	56622240
6	$\mathcal{O}(2; \{2^{14}, 3^6, 6^{14}\})$	452985696
6	$\mathcal{O}(2; \{2^{10}, 3^9, 6^{14}\})$	3623877792
6	$\mathcal{O}(2; \{2^6, 3^{12}, 6^{14}\})$	28991030112
6	$\mathcal{O}(2; \{2^2, 3^{15}, 6^{14}\})$	231928233120
6	$\mathcal{O}(2; \{2^{19}, 3, 6^{15}\})$	28312416
6	$\mathcal{O}(2; \{2^{15}, 3^4, 6^{15}\})$	226491552
6	$\mathcal{O}(2; \{2^{11}, 3^7, 6^{15}\})$	1811940192
6	$\mathcal{O}(2; \{2^7, 3^{10}, 6^{15}\})$	14495513760
6	$\mathcal{O}(2; \{2^3, 3^{13}, 6^{15}\})$	115964117856
6	$\mathcal{O}(2; \{2^{16}, 3^2, 6^{16}\})$	113247072
6	$\mathcal{O}(2; \{2^{12}, 3^5, 6^{16}\})$	905968800
6	$\mathcal{O}(2; \{2^8, 3^8, 6^{16}\})$	7247758176
6	$\mathcal{O}(2; \{2^4, 3^{11}, 6^{16}\})$	57982057632
6	$\mathcal{O}(2; \{3^{14}, 6^{16}\})$	463856468832
6	$\mathcal{O}(2; \{2^{17}, 6^{17}\})$	56622240
6	$\mathcal{O}(2; \{2^{13}, 3^3, 6^{17}\})$	452985696
6	$\mathcal{O}(2; \{2^9, 3^6, 6^{17}\})$	3623877792
6	$\mathcal{O}(2; \{2^5, 3^9, 6^{17}\})$	28991030112
6	$\mathcal{O}(2; \{2, 3^{12}, 6^{17}\})$	231928233120
6	$\mathcal{O}(2; \{2^{14}, 3, 6^{18}\})$	226491552
6	$\mathcal{O}(2; \{2^{10}, 3^4, 6^{18}\})$	1811940192
6	$\mathcal{O}(2; \{2^6, 3^7, 6^{18}\})$	14495513760
6	$\mathcal{O}(2; \{2^2, 3^{10}, 6^{18}\})$	115964117856
6	$\mathcal{O}(2; \{2^{11}, 3^2, 6^{19}\})$	905968800
6	$\mathcal{O}(2; \{2^7, 3^5, 6^{19}\})$	7247758176
6	$\mathcal{O}(2; \{2^3, 3^8, 6^{19}\})$	57982057632
6	$\mathcal{O}(2; \{2^{12}, 6^{20}\})$	452985696
6	$\mathcal{O}(2; \{2^8, 3^3, 6^{20}\})$	3623877792
6	$\mathcal{O}(2; \{2^4, 3^6, 6^{20}\})$	28991030112
6	$\mathcal{O}(2; \{3^9, 6^{20}\})$	231928233120
6	$\mathcal{O}(2; \{2^9, 3, 6^{21}\})$	1811940192
6	$\mathcal{O}(2; \{2^5, 3^4, 6^{21}\})$	14495513760
6	$\mathcal{O}(2; \{2, 3^7, 6^{21}\})$	115964117856

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^6, 3^2, 6^{22}\})$	7247758176
6	$\mathcal{O}(2; \{2^2, 3^5, 6^{22}\})$	57982057632
6	$\mathcal{O}(2; \{2^7, 6^{23}\})$	3623877792
6	$\mathcal{O}(2; \{2^3, 3^3, 6^{23}\})$	28991030112
6	$\mathcal{O}(2; \{2^4, 3, 6^{24}\})$	14495513760
6	$\mathcal{O}(2; \{3^4, 6^{24}\})$	115964117856
6	$\mathcal{O}(2; \{2, 3^2, 6^{25}\})$	57982057632
6	$\mathcal{O}(2; \{2^2, 6^{26}\})$	28991030112
6	$\mathcal{O}(1; \{2^{44}, 3^4\})$	216
6	$\mathcal{O}(1; \{2^{40}, 3^7\})$	1512
6	$\mathcal{O}(1; \{2^{36}, 3^{10}\})$	12312
6	$\mathcal{O}(1; \{2^{32}, 3^{13}\})$	98280
6	$\mathcal{O}(1; \{2^{28}, 3^{16}\})$	786456
6	$\mathcal{O}(1; \{2^{24}, 3^{19}\})$	6291432
6	$\mathcal{O}(1; \{2^{20}, 3^{22}\})$	50331672
6	$\mathcal{O}(1; \{2^{16}, 3^{25}\})$	402653160
6	$\mathcal{O}(1; \{2^{12}, 3^{28}\})$	3221225496
6	$\mathcal{O}(1; \{2^8, 3^{31}\})$	25769803752
6	$\mathcal{O}(1; \{2^4, 3^{34}\})$	206158430232
6	$\mathcal{O}(1; \{3^{37}\})$	1236950581230
6	$\mathcal{O}(1; \{2^{45}, 3^2, 6\})$	72
6	$\mathcal{O}(1; \{2^{41}, 3^5, 6\})$	792
6	$\mathcal{O}(1; \{2^{37}, 3^8, 6\})$	6120
6	$\mathcal{O}(1; \{2^{33}, 3^{11}, 6\})$	49176
6	$\mathcal{O}(1; \{2^{29}, 3^{14}, 6\})$	393192
6	$\mathcal{O}(1; \{2^{25}, 3^{17}, 6\})$	3145752
6	$\mathcal{O}(1; \{2^{21}, 3^{20}, 6\})$	25165800
6	$\mathcal{O}(1; \{2^{17}, 3^{23}, 6\})$	201326616
6	$\mathcal{O}(1; \{2^{13}, 3^{26}, 6\})$	1610612712
6	$\mathcal{O}(1; \{2^9, 3^{29}, 6\})$	12884901912
6	$\mathcal{O}(1; \{2^5, 3^{32}, 6\})$	103079215080
6	$\mathcal{O}(1; \{2, 3^{35}, 6\})$	824633720856
6	$\mathcal{O}(1; \{2^{46}, 6^2\})$	72
6	$\mathcal{O}(1; \{2^{42}, 3^3, 6^2\})$	360
6	$\mathcal{O}(1; \{2^{38}, 3^6, 6^2\})$	3096
6	$\mathcal{O}(1; \{2^{34}, 3^9, 6^2\})$	24552
6	$\mathcal{O}(1; \{2^{30}, 3^{12}, 6^2\})$	196632
6	$\mathcal{O}(1; \{2^{26}, 3^{15}, 6^2\})$	1572840
6	$\mathcal{O}(1; \{2^{22}, 3^{18}, 6^2\})$	12582936
6	$\mathcal{O}(1; \{2^{18}, 3^{21}, 6^2\})$	100663272
6	$\mathcal{O}(1; \{2^{14}, 3^{24}, 6^2\})$	805306392
6	$\mathcal{O}(1; \{2^{10}, 3^{27}, 6^2\})$	6442450920
6	$\mathcal{O}(1; \{2^6, 3^{30}, 6^2\})$	51539607576

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^7, 3^{18}, 6^{11}\})$	6442450920
6	$\mathcal{O}(1; \{2^3, 3^{21}, 6^{11}\})$	51539607576
6	$\mathcal{O}(1; \{2^{28}, 3, 6^{12}\})$	98280
6	$\mathcal{O}(1; \{2^{24}, 3^4, 6^{12}\})$	786456
6	$\mathcal{O}(1; \{2^{20}, 3^7, 6^{12}\})$	6291432
6	$\mathcal{O}(1; \{2^{16}, 3^{10}, 6^{12}\})$	50331672
6	$\mathcal{O}(1; \{2^{12}, 3^{13}, 6^{12}\})$	402653160
6	$\mathcal{O}(1; \{2^8, 3^{16}, 6^{12}\})$	3221225496
6	$\mathcal{O}(1; \{2^4, 3^{19}, 6^{12}\})$	25769803752
6	$\mathcal{O}(1; \{3^{22}, 6^{12}\})$	206158430232
6	$\mathcal{O}(1; \{2^{25}, 3^2, 6^{13}\})$	393192
6	$\mathcal{O}(1; \{2^{21}, 3^5, 6^{13}\})$	3145752
6	$\mathcal{O}(1; \{2^{17}, 3^8, 6^{13}\})$	25165800
6	$\mathcal{O}(1; \{2^{13}, 3^{11}, 6^{13}\})$	201326616
6	$\mathcal{O}(1; \{2^9, 3^{14}, 6^{13}\})$	1610612712
6	$\mathcal{O}(1; \{2^5, 3^{17}, 6^{13}\})$	12884901912
6	$\mathcal{O}(1; \{2, 3^{20}, 6^{13}\})$	103079215080
6	$\mathcal{O}(1; \{2^{26}, 6^{14}\})$	196632
6	$\mathcal{O}(1; \{2^{22}, 3^3, 6^{14}\})$	1572840
6	$\mathcal{O}(1; \{2^{18}, 3^6, 6^{14}\})$	12582936
6	$\mathcal{O}(1; \{2^{14}, 3^9, 6^{14}\})$	100663272
6	$\mathcal{O}(1; \{2^{10}, 3^{12}, 6^{14}\})$	805306392
6	$\mathcal{O}(1; \{2^6, 3^{15}, 6^{14}\})$	6442450920
6	$\mathcal{O}(1; \{2^2, 3^{18}, 6^{14}\})$	51539607576
6	$\mathcal{O}(1; \{2^{23}, 3, 6^{15}\})$	786456
6	$\mathcal{O}(1; \{2^{19}, 3^4, 6^{15}\})$	6291432
6	$\mathcal{O}(1; \{2^{15}, 3^7, 6^{15}\})$	50331672
6	$\mathcal{O}(1; \{2^{11}, 3^{10}, 6^{15}\})$	402653160
6	$\mathcal{O}(1; \{2^7, 3^{13}, 6^{15}\})$	3221225496
6	$\mathcal{O}(1; \{2^3, 3^{16}, 6^{15}\})$	25769803752
6	$\mathcal{O}(1; \{2^{20}, 3^2, 6^{16}\})$	3145752
6	$\mathcal{O}(1; \{2^{16}, 3^5, 6^{16}\})$	25165800
6	$\mathcal{O}(1; \{2^{12}, 3^8, 6^{16}\})$	201326616
6	$\mathcal{O}(1; \{2^8, 3^{11}, 6^{16}\})$	1610612712
6	$\mathcal{O}(1; \{2^4, 3^{14}, 6^{16}\})$	12884901912
6	$\mathcal{O}(1; \{3^{17}, 6^{16}\})$	103079215080
6	$\mathcal{O}(1; \{2^{21}, 6^{17}\})$	1572840
6	$\mathcal{O}(1; \{2^{17}, 3^3, 6^{17}\})$	12582936
6	$\mathcal{O}(1; \{2^{13}, 3^6, 6^{17}\})$	100663272
6	$\mathcal{O}(1; \{2^9, 3^9, 6^{17}\})$	805306392
6	$\mathcal{O}(1; \{2^5, 3^{12}, 6^{17}\})$	6442450920
6	$\mathcal{O}(1; \{2, 3^{15}, 6^{17}\})$	51539607576
6	$\mathcal{O}(1; \{2^{18}, 3, 6^{18}\})$	6291432

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{14}, 3^4, 6^{18}\})$	50331672
6	$\mathcal{O}(1; \{2^{10}, 3^7, 6^{18}\})$	402653160
6	$\mathcal{O}(1; \{2^6, 3^{10}, 6^{18}\})$	3221225496
6	$\mathcal{O}(1; \{2^2, 3^{13}, 6^{18}\})$	25769803752
6	$\mathcal{O}(1; \{2^{15}, 3^2, 6^{19}\})$	25165800
6	$\mathcal{O}(1; \{2^{11}, 3^5, 6^{19}\})$	201326616
6	$\mathcal{O}(1; \{2^7, 3^8, 6^{19}\})$	1610612712
6	$\mathcal{O}(1; \{2^3, 3^{11}, 6^{19}\})$	12884901912
6	$\mathcal{O}(1; \{2^{16}, 6^{20}\})$	12582936
6	$\mathcal{O}(1; \{2^{12}, 3^3, 6^{20}\})$	100663272
6	$\mathcal{O}(1; \{2^8, 3^6, 6^{20}\})$	805306392
6	$\mathcal{O}(1; \{2^4, 3^9, 6^{20}\})$	6442450920
6	$\mathcal{O}(1; \{3^{12}, 6^{20}\})$	51539607576
6	$\mathcal{O}(1; \{2^{13}, 3, 6^{21}\})$	50331672
6	$\mathcal{O}(1; \{2^9, 3^4, 6^{21}\})$	402653160
6	$\mathcal{O}(1; \{2^5, 3^7, 6^{21}\})$	3221225496
6	$\mathcal{O}(1; \{2, 3^{10}, 6^{21}\})$	25769803752
6	$\mathcal{O}(1; \{2^{10}, 3^2, 6^{22}\})$	201326616
6	$\mathcal{O}(1; \{2^6, 3^5, 6^{22}\})$	1610612712
6	$\mathcal{O}(1; \{2^2, 3^8, 6^{22}\})$	12884901912
6	$\mathcal{O}(1; \{2^{11}, 6^{23}\})$	100663272
6	$\mathcal{O}(1; \{2^7, 3^3, 6^{23}\})$	805306392
6	$\mathcal{O}(1; \{2^3, 3^6, 6^{23}\})$	6442450920
6	$\mathcal{O}(1; \{2^8, 3, 6^{24}\})$	402653160
6	$\mathcal{O}(1; \{2^4, 3^4, 6^{24}\})$	3221225496
6	$\mathcal{O}(1; \{3^7, 6^{24}\})$	25769803752
6	$\mathcal{O}(1; \{2^5, 3^2, 6^{25}\})$	1610612712
6	$\mathcal{O}(1; \{2, 3^5, 6^{25}\})$	12884901912
6	$\mathcal{O}(1; \{2^6, 6^{26}\})$	805306392
6	$\mathcal{O}(1; \{2^2, 3^3, 6^{26}\})$	6442450920
6	$\mathcal{O}(1; \{2^3, 3, 6^{27}\})$	3221225496
6	$\mathcal{O}(1; \{3^2, 6^{28}\})$	12884901912
6	$\mathcal{O}(1; \{2, 6^{29}\})$	6442450920
6	$\mathcal{O}(0; \{2^{48}, 3^4\})$	6
6	$\mathcal{O}(0; \{2^{44}, 3^7\})$	42
6	$\mathcal{O}(0; \{2^{40}, 3^{10}\})$	342
6	$\mathcal{O}(0; \{2^{36}, 3^{13}\})$	2730
6	$\mathcal{O}(0; \{2^{32}, 3^{16}\})$	21846
6	$\mathcal{O}(0; \{2^{28}, 3^{19}\})$	174762
6	$\mathcal{O}(0; \{2^{24}, 3^{22}\})$	1398102
6	$\mathcal{O}(0; \{2^{20}, 3^{25}\})$	11184810
6	$\mathcal{O}(0; \{2^{16}, 3^{28}\})$	89478486
6	$\mathcal{O}(0; \{2^{12}, 3^{31}\})$	715827882

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^8, 3^{34}\})$	5726623062
6	$\mathcal{O}(0; \{2^4, 3^{37}\})$	45812984490
6	$\mathcal{O}(0; \{2^{49}, 3^2, 6\})$	2
6	$\mathcal{O}(0; \{2^{45}, 3^5, 6\})$	22
6	$\mathcal{O}(0; \{2^{41}, 3^8, 6\})$	170
6	$\mathcal{O}(0; \{2^{37}, 3^{11}, 6\})$	1366
6	$\mathcal{O}(0; \{2^{33}, 3^{14}, 6\})$	10922
6	$\mathcal{O}(0; \{2^{29}, 3^{17}, 6\})$	87382
6	$\mathcal{O}(0; \{2^{25}, 3^{20}, 6\})$	699050
6	$\mathcal{O}(0; \{2^{21}, 3^{23}, 6\})$	5592406
6	$\mathcal{O}(0; \{2^{17}, 3^{26}, 6\})$	44739242
6	$\mathcal{O}(0; \{2^{13}, 3^{29}, 6\})$	357913942
6	$\mathcal{O}(0; \{2^9, 3^{32}, 6\})$	2863311530
6	$\mathcal{O}(0; \{2^5, 3^{35}, 6\})$	22906492246
6	$\mathcal{O}(0; \{2, 3^{38}, 6\})$	183251937962
6	$\mathcal{O}(0; \{2^{50}, 6^2\})$	2
6	$\mathcal{O}(0; \{2^{46}, 3^3, 6^2\})$	10
6	$\mathcal{O}(0; \{2^{42}, 3^6, 6^2\})$	86
6	$\mathcal{O}(0; \{2^{38}, 3^9, 6^2\})$	682
6	$\mathcal{O}(0; \{2^{34}, 3^{12}, 6^2\})$	5462
6	$\mathcal{O}(0; \{2^{30}, 3^{15}, 6^2\})$	43690
6	$\mathcal{O}(0; \{2^{26}, 3^{18}, 6^2\})$	349526
6	$\mathcal{O}(0; \{2^{22}, 3^{21}, 6^2\})$	2796202
6	$\mathcal{O}(0; \{2^{18}, 3^{24}, 6^2\})$	22369622
6	$\mathcal{O}(0; \{2^{14}, 3^{27}, 6^2\})$	178956970
6	$\mathcal{O}(0; \{2^{10}, 3^{30}, 6^2\})$	1431655766
6	$\mathcal{O}(0; \{2^6, 3^{33}, 6^2\})$	11453246122
6	$\mathcal{O}(0; \{2^2, 3^{36}, 6^2\})$	91625968982
6	$\mathcal{O}(0; \{2^{47}, 3, 6^3\})$	6
6	$\mathcal{O}(0; \{2^{43}, 3^4, 6^3\})$	42
6	$\mathcal{O}(0; \{2^{39}, 3^7, 6^3\})$	342
6	$\mathcal{O}(0; \{2^{35}, 3^{10}, 6^3\})$	2730
6	$\mathcal{O}(0; \{2^{31}, 3^{13}, 6^3\})$	21846
6	$\mathcal{O}(0; \{2^{27}, 3^{16}, 6^3\})$	174762
6	$\mathcal{O}(0; \{2^{23}, 3^{19}, 6^3\})$	1398102
6	$\mathcal{O}(0; \{2^{19}, 3^{22}, 6^3\})$	11184810
6	$\mathcal{O}(0; \{2^{15}, 3^{25}, 6^3\})$	89478486
6	$\mathcal{O}(0; \{2^{11}, 3^{28}, 6^3\})$	715827882
6	$\mathcal{O}(0; \{2^7, 3^{31}, 6^3\})$	5726623062
6	$\mathcal{O}(0; \{2^3, 3^{34}, 6^3\})$	45812984490
6	$\mathcal{O}(0; \{2^{44}, 3^2, 6^4\})$	22
6	$\mathcal{O}(0; \{2^{40}, 3^5, 6^4\})$	170
6	$\mathcal{O}(0; \{2^{36}, 3^8, 6^4\})$	1366

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{12}, 3^{16}, 6^{12}\})$	89478486
6	$\mathcal{O}(0; \{2^8, 3^{19}, 6^{12}\})$	715827882
6	$\mathcal{O}(0; \{2^4, 3^{22}, 6^{12}\})$	5726623062
6	$\mathcal{O}(0; \{3^{25}, 6^{12}\})$	45812984490
6	$\mathcal{O}(0; \{2^{29}, 3^2, 6^{13}\})$	10922
6	$\mathcal{O}(0; \{2^{25}, 3^5, 6^{13}\})$	87382
6	$\mathcal{O}(0; \{2^{21}, 3^8, 6^{13}\})$	699050
6	$\mathcal{O}(0; \{2^{17}, 3^{11}, 6^{13}\})$	5592406
6	$\mathcal{O}(0; \{2^{13}, 3^{14}, 6^{13}\})$	44739242
6	$\mathcal{O}(0; \{2^9, 3^{17}, 6^{13}\})$	357913942
6	$\mathcal{O}(0; \{2^5, 3^{20}, 6^{13}\})$	2863311530
6	$\mathcal{O}(0; \{2, 3^{23}, 6^{13}\})$	22906492246
6	$\mathcal{O}(0; \{2^{30}, 6^{14}\})$	5462
6	$\mathcal{O}(0; \{2^{26}, 3^3, 6^{14}\})$	43690
6	$\mathcal{O}(0; \{2^{22}, 3^6, 6^{14}\})$	349526
6	$\mathcal{O}(0; \{2^{18}, 3^9, 6^{14}\})$	2796202
6	$\mathcal{O}(0; \{2^{14}, 3^{12}, 6^{14}\})$	22369622
6	$\mathcal{O}(0; \{2^{10}, 3^{15}, 6^{14}\})$	178956970
6	$\mathcal{O}(0; \{2^6, 3^{18}, 6^{14}\})$	1431655766
6	$\mathcal{O}(0; \{2^2, 3^{21}, 6^{14}\})$	11453246122
6	$\mathcal{O}(0; \{2^{27}, 3, 6^{15}\})$	21846
6	$\mathcal{O}(0; \{2^{23}, 3^4, 6^{15}\})$	174762
6	$\mathcal{O}(0; \{2^{19}, 3^7, 6^{15}\})$	1398102
6	$\mathcal{O}(0; \{2^{15}, 3^{10}, 6^{15}\})$	11184810
6	$\mathcal{O}(0; \{2^{11}, 3^{13}, 6^{15}\})$	89478486
6	$\mathcal{O}(0; \{2^7, 3^{16}, 6^{15}\})$	715827882
6	$\mathcal{O}(0; \{2^3, 3^{19}, 6^{15}\})$	5726623062
6	$\mathcal{O}(0; \{2^{24}, 3^2, 6^{16}\})$	87382
6	$\mathcal{O}(0; \{2^{20}, 3^5, 6^{16}\})$	699050
6	$\mathcal{O}(0; \{2^{16}, 3^8, 6^{16}\})$	5592406
6	$\mathcal{O}(0; \{2^{12}, 3^{11}, 6^{16}\})$	44739242
6	$\mathcal{O}(0; \{2^8, 3^{14}, 6^{16}\})$	357913942
6	$\mathcal{O}(0; \{2^4, 3^{17}, 6^{16}\})$	2863311530
6	$\mathcal{O}(0; \{3^{20}, 6^{16}\})$	22906492246
6	$\mathcal{O}(0; \{2^{25}, 6^{17}\})$	43690
6	$\mathcal{O}(0; \{2^{21}, 3^3, 6^{17}\})$	349526
6	$\mathcal{O}(0; \{2^{17}, 3^6, 6^{17}\})$	2796202
6	$\mathcal{O}(0; \{2^{13}, 3^9, 6^{17}\})$	22369622
6	$\mathcal{O}(0; \{2^9, 3^{12}, 6^{17}\})$	178956970
6	$\mathcal{O}(0; \{2^5, 3^{15}, 6^{17}\})$	1431655766
6	$\mathcal{O}(0; \{2, 3^{18}, 6^{17}\})$	11453246122
6	$\mathcal{O}(0; \{2^{22}, 3, 6^{18}\})$	174762
6	$\mathcal{O}(0; \{2^{18}, 3^4, 6^{18}\})$	1398102

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2, 3^3, 6^{29}\})$	1431655766
6	$\mathcal{O}(0; \{2^2, 3, 6^{30}\})$	715827882
6	$\mathcal{O}(0; \{6^{32}\})$	1431655766
7	$\mathcal{O}(9; \{7^6\})$	10855005043671053034
7	$\mathcal{O}(6; \{7^{13}\})$	25825259548112909430
7	$\mathcal{O}(3; \{7^{20}\})$	61449054902138538474
7	$\mathcal{O}(0; \{7^{27}\})$	146212909868209892790
8	$\mathcal{O}(9; \{2^2, 4^2\})$	36028659580010496
8	$\mathcal{O}(9; \{4, 8^2\})$	144115188075855872
8	$\mathcal{O}(8; \{2^6, 4^2\})$	562941363486720
8	$\mathcal{O}(8; \{2^3, 4^4\})$	2251765453946880
8	$\mathcal{O}(8; \{4^6\})$	9007061815787520
8	$\mathcal{O}(8; \{2^4, 4, 8^2\})$	2251799813685248
8	$\mathcal{O}(8; \{2, 4^3, 8^2\})$	9007199254740992
8	$\mathcal{O}(8; \{2^2, 8^4\})$	18014398509481984
8	$\mathcal{O}(7; \{2^{10}, 4^2\})$	8795556151296
8	$\mathcal{O}(7; \{2^7, 4^4\})$	35182224605184
8	$\mathcal{O}(7; \{2^4, 4^6\})$	140728898420736
8	$\mathcal{O}(7; \{2, 4^8\})$	562915593682944
8	$\mathcal{O}(7; \{2^8, 4, 8^2\})$	35184372088832
8	$\mathcal{O}(7; \{2^5, 4^3, 8^2\})$	140737488355328
8	$\mathcal{O}(7; \{2^2, 4^5, 8^2\})$	562949953421312
8	$\mathcal{O}(7; \{2^6, 8^4\})$	281474976710656
8	$\mathcal{O}(7; \{2^3, 4^2, 8^4\})$	1125899906842624
8	$\mathcal{O}(7; \{4^4, 8^4\})$	4503599627370496
8	$\mathcal{O}(7; \{2, 4, 8^6\})$	9007199254740992
8	$\mathcal{O}(6; \{2^{14}, 4^2\})$	137405399040
8	$\mathcal{O}(6; \{2^{11}, 4^4\})$	549621596160
8	$\mathcal{O}(6; \{2^8, 4^6\})$	2198486384640
8	$\mathcal{O}(6; \{2^5, 4^8\})$	8793945538560
8	$\mathcal{O}(6; \{2^2, 4^{10}\})$	35175782154240
8	$\mathcal{O}(6; \{2^{12}, 4, 8^2\})$	549755813888
8	$\mathcal{O}(6; \{2^9, 4^3, 8^2\})$	2199023255552
8	$\mathcal{O}(6; \{2^6, 4^5, 8^2\})$	8796093022208
8	$\mathcal{O}(6; \{2^3, 4^7, 8^2\})$	35184372088832
8	$\mathcal{O}(6; \{4^9, 8^2\})$	140737488355328
8	$\mathcal{O}(6; \{2^{10}, 8^4\})$	4398046511104
8	$\mathcal{O}(6; \{2^7, 4^2, 8^4\})$	17592186044416
8	$\mathcal{O}(6; \{2^4, 4^4, 8^4\})$	70368744177664
8	$\mathcal{O}(6; \{2, 4^6, 8^4\})$	281474976710656
8	$\mathcal{O}(6; \{2^5, 4, 8^6\})$	140737488355328
8	$\mathcal{O}(6; \{2^2, 4^3, 8^6\})$	562949953421312
8	$\mathcal{O}(6; \{2^3, 8^8\})$	1125899906842624

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(6; \{4^2, 8^8\})$	4503599627370496
8	$\mathcal{O}(5; \{2^{18}, 4^2\})$	2145386496
8	$\mathcal{O}(5; \{2^{15}, 4^4\})$	8581545984
8	$\mathcal{O}(5; \{2^{12}, 4^6\})$	34326183936
8	$\mathcal{O}(5; \{2^9, 4^8\})$	137304735744
8	$\mathcal{O}(5; \{2^6, 4^{10}\})$	549218942976
8	$\mathcal{O}(5; \{2^3, 4^{12}\})$	2196875771904
8	$\mathcal{O}(5; \{4^{14}\})$	8787503087616
8	$\mathcal{O}(5; \{2^{16}, 4, 8^2\})$	8589934592
8	$\mathcal{O}(5; \{2^{13}, 4^3, 8^2\})$	34359738368
8	$\mathcal{O}(5; \{2^{10}, 4^5, 8^2\})$	137438953472
8	$\mathcal{O}(5; \{2^7, 4^7, 8^2\})$	549755813888
8	$\mathcal{O}(5; \{2^4, 4^9, 8^2\})$	2199023255552
8	$\mathcal{O}(5; \{2, 4^{11}, 8^2\})$	8796093022208
8	$\mathcal{O}(5; \{2^{14}, 8^4\})$	68719476736
8	$\mathcal{O}(5; \{2^{11}, 4^2, 8^4\})$	274877906944
8	$\mathcal{O}(5; \{2^8, 4^4, 8^4\})$	1099511627776
8	$\mathcal{O}(5; \{2^5, 4^6, 8^4\})$	4398046511104
8	$\mathcal{O}(5; \{2^2, 4^8, 8^4\})$	17592186044416
8	$\mathcal{O}(5; \{2^9, 4, 8^6\})$	2199023255552
8	$\mathcal{O}(5; \{2^6, 4^3, 8^6\})$	8796093022208
8	$\mathcal{O}(5; \{2^3, 4^5, 8^6\})$	35184372088832
8	$\mathcal{O}(5; \{4^7, 8^6\})$	140737488355328
8	$\mathcal{O}(5; \{2^7, 8^8\})$	17592186044416
8	$\mathcal{O}(5; \{2^4, 4^2, 8^8\})$	70368744177664
8	$\mathcal{O}(5; \{2, 4^4, 8^8\})$	281474976710656
8	$\mathcal{O}(5; \{2^2, 4, 8^{10}\})$	562949953421312
8	$\mathcal{O}(5; \{8^{12}\})$	4503599627370496
8	$\mathcal{O}(4; \{2^{22}, 4^2\})$	334233360
8	$\mathcal{O}(4; \{2^{19}, 4^4\})$	133693440
8	$\mathcal{O}(4; \{2^{16}, 4^6\})$	534773760
8	$\mathcal{O}(4; \{2^{13}, 4^8\})$	2139095040
8	$\mathcal{O}(4; \{2^{10}, 4^{10}\})$	8556380160
8	$\mathcal{O}(4; \{2^7, 4^{12}\})$	34225520640
8	$\mathcal{O}(4; \{2^4, 4^{14}\})$	136902082560
8	$\mathcal{O}(4; \{2, 4^{16}\})$	547608330240
8	$\mathcal{O}(4; \{2^{20}, 4, 8^2\})$	134217728
8	$\mathcal{O}(4; \{2^{17}, 4^3, 8^2\})$	536870912
8	$\mathcal{O}(4; \{2^{14}, 4^5, 8^2\})$	2147483648
8	$\mathcal{O}(4; \{2^{11}, 4^7, 8^2\})$	8589934592
8	$\mathcal{O}(4; \{2^8, 4^9, 8^2\})$	34359738368
8	$\mathcal{O}(4; \{2^5, 4^{11}, 8^2\})$	137438953472
8	$\mathcal{O}(4; \{2^2, 4^{13}, 8^2\})$	549755813888

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{2^{18}, 8^4\})$	1073741824
8	$\mathcal{O}(4; \{2^{15}, 4^2, 8^4\})$	4294967296
8	$\mathcal{O}(4; \{2^{12}, 4^4, 8^4\})$	17179869184
8	$\mathcal{O}(4; \{2^9, 4^6, 8^4\})$	68719476736
8	$\mathcal{O}(4; \{2^6, 4^8, 8^4\})$	274877906944
8	$\mathcal{O}(4; \{2^3, 4^{10}, 8^4\})$	1099511627776
8	$\mathcal{O}(4; \{4^{12}, 8^4\})$	4398046511104
8	$\mathcal{O}(4; \{2^{13}, 4, 8^6\})$	34359738368
8	$\mathcal{O}(4; \{2^{10}, 4^3, 8^6\})$	137438953472
8	$\mathcal{O}(4; \{2^7, 4^5, 8^6\})$	549755813888
8	$\mathcal{O}(4; \{2^4, 4^7, 8^6\})$	2199023255552
8	$\mathcal{O}(4; \{2, 4^9, 8^6\})$	8796093022208
8	$\mathcal{O}(4; \{2^{11}, 8^8\})$	274877906944
8	$\mathcal{O}(4; \{2^8, 4^2, 8^8\})$	1099511627776
8	$\mathcal{O}(4; \{2^5, 4^4, 8^8\})$	4398046511104
8	$\mathcal{O}(4; \{2^2, 4^6, 8^8\})$	17592186044416
8	$\mathcal{O}(4; \{2^6, 4, 8^{10}\})$	8796093022208
8	$\mathcal{O}(4; \{2^3, 4^3, 8^{10}\})$	35184372088832
8	$\mathcal{O}(4; \{4^5, 8^{10}\})$	140737488355328
8	$\mathcal{O}(4; \{2^4, 8^{12}\})$	70368744177664
8	$\mathcal{O}(4; \{2, 4^2, 8^{12}\})$	281474976710656
8	$\mathcal{O}(3; \{2^{26}, 4^2\})$	516096
8	$\mathcal{O}(3; \{2^{23}, 4^4\})$	2064384
8	$\mathcal{O}(3; \{2^{20}, 4^6\})$	8257536
8	$\mathcal{O}(3; \{2^{17}, 4^8\})$	33030144
8	$\mathcal{O}(3; \{2^{14}, 4^{10}\})$	132120576
8	$\mathcal{O}(3; \{2^{11}, 4^{12}\})$	528482304
8	$\mathcal{O}(3; \{2^8, 4^{14}\})$	2113929216
8	$\mathcal{O}(3; \{2^5, 4^{16}\})$	8455716864
8	$\mathcal{O}(3; \{2^2, 4^{18}\})$	33822867456
8	$\mathcal{O}(3; \{2^{24}, 4, 8^2\})$	2097152
8	$\mathcal{O}(3; \{2^{21}, 4^3, 8^2\})$	8388608
8	$\mathcal{O}(3; \{2^{18}, 4^5, 8^2\})$	33554432
8	$\mathcal{O}(3; \{2^{15}, 4^7, 8^2\})$	134217728
8	$\mathcal{O}(3; \{2^{12}, 4^9, 8^2\})$	536870912
8	$\mathcal{O}(3; \{2^9, 4^{11}, 8^2\})$	2147483648
8	$\mathcal{O}(3; \{2^6, 4^{13}, 8^2\})$	8589934592
8	$\mathcal{O}(3; \{2^3, 4^{15}, 8^2\})$	34359738368
8	$\mathcal{O}(3; \{4^{17}, 8^2\})$	137438953472
8	$\mathcal{O}(3; \{2^{22}, 8^4\})$	16777216
8	$\mathcal{O}(3; \{2^{19}, 4^2, 8^4\})$	67108864
8	$\mathcal{O}(3; \{2^{16}, 4^4, 8^4\})$	268435456
8	$\mathcal{O}(3; \{2^{13}, 4^6, 8^4\})$	1073741824

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{2^{10}, 4^8, 8^4\})$	4294967296
8	$\mathcal{O}(3; \{2^7, 4^{10}, 8^4\})$	17179869184
8	$\mathcal{O}(3; \{2^4, 4^{12}, 8^4\})$	68719476736
8	$\mathcal{O}(3; \{2, 4^{14}, 8^4\})$	274877906944
8	$\mathcal{O}(3; \{2^{17}, 4, 8^6\})$	536870912
8	$\mathcal{O}(3; \{2^{14}, 4^3, 8^6\})$	2147483648
8	$\mathcal{O}(3; \{2^{11}, 4^5, 8^6\})$	8589934592
8	$\mathcal{O}(3; \{2^8, 4^7, 8^6\})$	34359738368
8	$\mathcal{O}(3; \{2^5, 4^9, 8^6\})$	137438953472
8	$\mathcal{O}(3; \{2^2, 4^{11}, 8^6\})$	549755813888
8	$\mathcal{O}(3; \{2^{15}, 8^8\})$	4294967296
8	$\mathcal{O}(3; \{2^{12}, 4^2, 8^8\})$	17179869184
8	$\mathcal{O}(3; \{2^9, 4^4, 8^8\})$	68719476736
8	$\mathcal{O}(3; \{2^6, 4^6, 8^8\})$	274877906944
8	$\mathcal{O}(3; \{2^3, 4^8, 8^8\})$	1099511627776
8	$\mathcal{O}(3; \{4^{10}, 8^8\})$	4398046511104
8	$\mathcal{O}(3; \{2^{10}, 4, 8^{10}\})$	137438953472
8	$\mathcal{O}(3; \{2^7, 4^3, 8^{10}\})$	549755813888
8	$\mathcal{O}(3; \{2^4, 4^5, 8^{10}\})$	2199023255552
8	$\mathcal{O}(3; \{2, 4^7, 8^{10}\})$	8796093022208
8	$\mathcal{O}(3; \{2^8, 8^{12}\})$	1099511627776
8	$\mathcal{O}(3; \{2^5, 4^2, 8^{12}\})$	4398046511104
8	$\mathcal{O}(3; \{2^2, 4^4, 8^{12}\})$	17592186044416
8	$\mathcal{O}(3; \{2^3, 4, 8^{14}\})$	35184372088832
8	$\mathcal{O}(3; \{4^3, 8^{14}\})$	140737488355328
8	$\mathcal{O}(3; \{2, 8^{16}\})$	281474976710656
8	$\mathcal{O}(2; \{2^{30}, 4^2\})$	7680
8	$\mathcal{O}(2; \{2^{27}, 4^4\})$	30720
8	$\mathcal{O}(2; \{2^{24}, 4^6\})$	122880
8	$\mathcal{O}(2; \{2^{21}, 4^8\})$	491520
8	$\mathcal{O}(2; \{2^{18}, 4^{10}\})$	1966080
8	$\mathcal{O}(2; \{2^{15}, 4^{12}\})$	7864320
8	$\mathcal{O}(2; \{2^{12}, 4^{14}\})$	31457280
8	$\mathcal{O}(2; \{2^9, 4^{16}\})$	125829120
8	$\mathcal{O}(2; \{2^6, 4^{18}\})$	503316480
8	$\mathcal{O}(2; \{2^3, 4^{20}\})$	2013265920
8	$\mathcal{O}(2; \{4^{22}\})$	8053063680
8	$\mathcal{O}(2; \{2^{28}, 4, 8^2\})$	32768
8	$\mathcal{O}(2; \{2^{25}, 4^3, 8^2\})$	131072
8	$\mathcal{O}(2; \{2^{22}, 4^5, 8^2\})$	524288
8	$\mathcal{O}(2; \{2^{19}, 4^7, 8^2\})$	2097152
8	$\mathcal{O}(2; \{2^{16}, 4^9, 8^2\})$	8388608
8	$\mathcal{O}(2; \{2^{13}, 4^{11}, 8^2\})$	33554432

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^{10}, 4^{13}, 8^2\})$	134217728
8	$\mathcal{O}(2; \{2^7, 4^{15}, 8^2\})$	536870912
8	$\mathcal{O}(2; \{2^4, 4^{17}, 8^2\})$	2147483648
8	$\mathcal{O}(2; \{2, 4^{19}, 8^2\})$	8589934592
8	$\mathcal{O}(2; \{2^{26}, 8^4\})$	262144
8	$\mathcal{O}(2; \{2^{23}, 4^2, 8^4\})$	1048576
8	$\mathcal{O}(2; \{2^{20}, 4^4, 8^4\})$	4194304
8	$\mathcal{O}(2; \{2^{17}, 4^6, 8^4\})$	16777216
8	$\mathcal{O}(2; \{2^{14}, 4^8, 8^4\})$	67108864
8	$\mathcal{O}(2; \{2^{11}, 4^{10}, 8^4\})$	268435456
8	$\mathcal{O}(2; \{2^8, 4^{12}, 8^4\})$	1073741824
8	$\mathcal{O}(2; \{2^5, 4^{14}, 8^4\})$	4294967296
8	$\mathcal{O}(2; \{2^2, 4^{16}, 8^4\})$	17179869184
8	$\mathcal{O}(2; \{2^{21}, 4, 8^6\})$	8388608
8	$\mathcal{O}(2; \{2^{18}, 4^3, 8^6\})$	33554432
8	$\mathcal{O}(2; \{2^{15}, 4^5, 8^6\})$	134217728
8	$\mathcal{O}(2; \{2^{12}, 4^7, 8^6\})$	536870912
8	$\mathcal{O}(2; \{2^9, 4^9, 8^6\})$	2147483648
8	$\mathcal{O}(2; \{2^6, 4^{11}, 8^6\})$	8589934592
8	$\mathcal{O}(2; \{2^3, 4^{13}, 8^6\})$	34359738368
8	$\mathcal{O}(2; \{4^{15}, 8^6\})$	137438953472
8	$\mathcal{O}(2; \{2^{19}, 8^8\})$	67108864
8	$\mathcal{O}(2; \{2^{16}, 4^2, 8^8\})$	268435456
8	$\mathcal{O}(2; \{2^{13}, 4^4, 8^8\})$	1073741824
8	$\mathcal{O}(2; \{2^{10}, 4^6, 8^8\})$	4294967296
8	$\mathcal{O}(2; \{2^7, 4^8, 8^8\})$	17179869184
8	$\mathcal{O}(2; \{2^4, 4^{10}, 8^8\})$	68719476736
8	$\mathcal{O}(2; \{2, 4^{12}, 8^8\})$	274877906944
8	$\mathcal{O}(2; \{2^{14}, 4, 8^{10}\})$	2147483648
8	$\mathcal{O}(2; \{2^{11}, 4^3, 8^{10}\})$	8589934592
8	$\mathcal{O}(2; \{2^8, 4^5, 8^{10}\})$	34359738368
8	$\mathcal{O}(2; \{2^5, 4^7, 8^{10}\})$	137438953472
8	$\mathcal{O}(2; \{2^2, 4^9, 8^{10}\})$	549755813888
8	$\mathcal{O}(2; \{2^{12}, 8^{12}\})$	17179869184
8	$\mathcal{O}(2; \{2^9, 4^2, 8^{12}\})$	68719476736
8	$\mathcal{O}(2; \{2^6, 4^4, 8^{12}\})$	274877906944
8	$\mathcal{O}(2; \{2^3, 4^6, 8^{12}\})$	1099511627776
8	$\mathcal{O}(2; \{4^8, 8^{12}\})$	4398046511104
8	$\mathcal{O}(2; \{2^7, 4, 8^{14}\})$	549755813888
8	$\mathcal{O}(2; \{2^4, 4^3, 8^{14}\})$	2199023255552
8	$\mathcal{O}(2; \{2, 4^5, 8^{14}\})$	8796093022208
8	$\mathcal{O}(2; \{2^5, 8^{16}\})$	4398046511104
8	$\mathcal{O}(2; \{2^2, 4^2, 8^{16}\})$	17592186044416

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{4, 8^{18}\})$	140737488355328
8	$\mathcal{O}(1; \{2^{34}, 4^2\})$	96
8	$\mathcal{O}(1; \{2^{31}, 4^4\})$	384
8	$\mathcal{O}(1; \{2^{28}, 4^6\})$	1536
8	$\mathcal{O}(1; \{2^{25}, 4^8\})$	6144
8	$\mathcal{O}(1; \{2^{22}, 4^{10}\})$	24576
8	$\mathcal{O}(1; \{2^{19}, 4^{12}\})$	98304
8	$\mathcal{O}(1; \{2^{16}, 4^{14}\})$	393216
8	$\mathcal{O}(1; \{2^{13}, 4^{16}\})$	1572864
8	$\mathcal{O}(1; \{2^{10}, 4^{18}\})$	6291456
8	$\mathcal{O}(1; \{2^7, 4^{20}\})$	25165824
8	$\mathcal{O}(1; \{2^4, 4^{22}\})$	100663296
8	$\mathcal{O}(1; \{2, 4^{24}\})$	402653184
8	$\mathcal{O}(1; \{2^{32}, 4, 8^2\})$	512
8	$\mathcal{O}(1; \{2^{29}, 4^3, 8^2\})$	2048
8	$\mathcal{O}(1; \{2^{26}, 4^5, 8^2\})$	8192
8	$\mathcal{O}(1; \{2^{23}, 4^7, 8^2\})$	32768
8	$\mathcal{O}(1; \{2^{20}, 4^9, 8^2\})$	131072
8	$\mathcal{O}(1; \{2^{17}, 4^{11}, 8^2\})$	524288
8	$\mathcal{O}(1; \{2^{14}, 4^{13}, 8^2\})$	2097152
8	$\mathcal{O}(1; \{2^{11}, 4^{15}, 8^2\})$	8388608
8	$\mathcal{O}(1; \{2^8, 4^{17}, 8^2\})$	33554432
8	$\mathcal{O}(1; \{2^5, 4^{19}, 8^2\})$	134217728
8	$\mathcal{O}(1; \{2^2, 4^{21}, 8^2\})$	536870912
8	$\mathcal{O}(1; \{2^{30}, 8^4\})$	4096
8	$\mathcal{O}(1; \{2^{27}, 4^2, 8^4\})$	16384
8	$\mathcal{O}(1; \{2^{24}, 4^4, 8^4\})$	65536
8	$\mathcal{O}(1; \{2^{21}, 4^6, 8^4\})$	262144
8	$\mathcal{O}(1; \{2^{18}, 4^8, 8^4\})$	1048576
8	$\mathcal{O}(1; \{2^{15}, 4^{10}, 8^4\})$	4194304
8	$\mathcal{O}(1; \{2^{12}, 4^{12}, 8^4\})$	16777216
8	$\mathcal{O}(1; \{2^9, 4^{14}, 8^4\})$	67108864
8	$\mathcal{O}(1; \{2^6, 4^{16}, 8^4\})$	268435456
8	$\mathcal{O}(1; \{2^3, 4^{18}, 8^4\})$	1073741824
8	$\mathcal{O}(1; \{4^{20}, 8^4\})$	4294967296
8	$\mathcal{O}(1; \{2^{25}, 4, 8^6\})$	131072
8	$\mathcal{O}(1; \{2^{22}, 4^3, 8^6\})$	524288
8	$\mathcal{O}(1; \{2^{19}, 4^5, 8^6\})$	2097152
8	$\mathcal{O}(1; \{2^{16}, 4^7, 8^6\})$	8388608
8	$\mathcal{O}(1; \{2^{13}, 4^9, 8^6\})$	33554432
8	$\mathcal{O}(1; \{2^{10}, 4^{11}, 8^6\})$	134217728
8	$\mathcal{O}(1; \{2^7, 4^{13}, 8^6\})$	536870912
8	$\mathcal{O}(1; \{2^4, 4^{15}, 8^6\})$	2147483648

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2, 4^{17}, 8^6\})$	8589934592
8	$\mathcal{O}(1; \{2^{23}, 8^8\})$	1048576
8	$\mathcal{O}(1; \{2^{20}, 4^2, 8^8\})$	4194304
8	$\mathcal{O}(1; \{2^{17}, 4^4, 8^8\})$	16777216
8	$\mathcal{O}(1; \{2^{14}, 4^6, 8^8\})$	67108864
8	$\mathcal{O}(1; \{2^{11}, 4^8, 8^8\})$	268435456
8	$\mathcal{O}(1; \{2^8, 4^{10}, 8^8\})$	1073741824
8	$\mathcal{O}(1; \{2^5, 4^{12}, 8^8\})$	4294967296
8	$\mathcal{O}(1; \{2^2, 4^{14}, 8^8\})$	17179869184
8	$\mathcal{O}(1; \{2^{18}, 4, 8^{10}\})$	33554432
8	$\mathcal{O}(1; \{2^{15}, 4^3, 8^{10}\})$	134217728
8	$\mathcal{O}(1; \{2^{12}, 4^5, 8^{10}\})$	536870912
8	$\mathcal{O}(1; \{2^9, 4^7, 8^{10}\})$	2147483648
8	$\mathcal{O}(1; \{2^6, 4^9, 8^{10}\})$	8589934592
8	$\mathcal{O}(1; \{2^3, 4^{11}, 8^{10}\})$	34359738368
8	$\mathcal{O}(1; \{4^{13}, 8^{10}\})$	137438953472
8	$\mathcal{O}(1; \{2^{16}, 8^{12}\})$	268435456
8	$\mathcal{O}(1; \{2^{13}, 4^2, 8^{12}\})$	1073741824
8	$\mathcal{O}(1; \{2^{10}, 4^4, 8^{12}\})$	4294967296
8	$\mathcal{O}(1; \{2^7, 4^6, 8^{12}\})$	17179869184
8	$\mathcal{O}(1; \{2^4, 4^8, 8^{12}\})$	68719476736
8	$\mathcal{O}(1; \{2, 4^{10}, 8^{12}\})$	274877906944
8	$\mathcal{O}(1; \{2^{11}, 4, 8^{14}\})$	8589934592
8	$\mathcal{O}(1; \{2^8, 4^3, 8^{14}\})$	34359738368
8	$\mathcal{O}(1; \{2^5, 4^5, 8^{14}\})$	137438953472
8	$\mathcal{O}(1; \{2^2, 4^7, 8^{14}\})$	549755813888
8	$\mathcal{O}(1; \{2^9, 8^{16}\})$	68719476736
8	$\mathcal{O}(1; \{2^6, 4^2, 8^{16}\})$	274877906944
8	$\mathcal{O}(1; \{2^3, 4^4, 8^{16}\})$	1099511627776
8	$\mathcal{O}(1; \{4^6, 8^{16}\})$	4398046511104
8	$\mathcal{O}(1; \{2^4, 4, 8^{18}\})$	2199023255552
8	$\mathcal{O}(1; \{2, 4^3, 8^{18}\})$	8796093022208
8	$\mathcal{O}(1; \{2^2, 8^{20}\})$	17592186044416
8	$\mathcal{O}(0; \{2^{36}, 4, 8^2\})$	8
8	$\mathcal{O}(0; \{2^{33}, 4^3, 8^2\})$	32
8	$\mathcal{O}(0; \{2^{30}, 4^5, 8^2\})$	128
8	$\mathcal{O}(0; \{2^{27}, 4^7, 8^2\})$	512
8	$\mathcal{O}(0; \{2^{24}, 4^9, 8^2\})$	2048
8	$\mathcal{O}(0; \{2^{21}, 4^{11}, 8^2\})$	8192
8	$\mathcal{O}(0; \{2^{18}, 4^{13}, 8^2\})$	32768
8	$\mathcal{O}(0; \{2^{15}, 4^{15}, 8^2\})$	131072
8	$\mathcal{O}(0; \{2^{12}, 4^{17}, 8^2\})$	524288
8	$\mathcal{O}(0; \{2^9, 4^{19}, 8^2\})$	2097152

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^6, 4^{21}, 8^2\})$	8388608
8	$\mathcal{O}(0; \{2^3, 4^{23}, 8^2\})$	33554432
8	$\mathcal{O}(0; \{4^{25}, 8^2\})$	134217728
8	$\mathcal{O}(0; \{2^{34}, 8^4\})$	64
8	$\mathcal{O}(0; \{2^{31}, 4^2, 8^4\})$	256
8	$\mathcal{O}(0; \{2^{28}, 4^4, 8^4\})$	1024
8	$\mathcal{O}(0; \{2^{25}, 4^6, 8^4\})$	4096
8	$\mathcal{O}(0; \{2^{22}, 4^8, 8^4\})$	16384
8	$\mathcal{O}(0; \{2^{19}, 4^{10}, 8^4\})$	65536
8	$\mathcal{O}(0; \{2^{16}, 4^{12}, 8^4\})$	262144
8	$\mathcal{O}(0; \{2^{13}, 4^{14}, 8^4\})$	1048576
8	$\mathcal{O}(0; \{2^{10}, 4^{16}, 8^4\})$	4194304
8	$\mathcal{O}(0; \{2^7, 4^{18}, 8^4\})$	16777216
8	$\mathcal{O}(0; \{2^4, 4^{20}, 8^4\})$	67108864
8	$\mathcal{O}(0; \{2, 4^{22}, 8^4\})$	268435456
8	$\mathcal{O}(0; \{2^{29}, 4, 8^6\})$	2048
8	$\mathcal{O}(0; \{2^{26}, 4^3, 8^6\})$	8192
8	$\mathcal{O}(0; \{2^{23}, 4^5, 8^6\})$	32768
8	$\mathcal{O}(0; \{2^{20}, 4^7, 8^6\})$	131072
8	$\mathcal{O}(0; \{2^{17}, 4^9, 8^6\})$	524288
8	$\mathcal{O}(0; \{2^{14}, 4^{11}, 8^6\})$	2097152
8	$\mathcal{O}(0; \{2^{11}, 4^{13}, 8^6\})$	8388608
8	$\mathcal{O}(0; \{2^8, 4^{15}, 8^6\})$	33554432
8	$\mathcal{O}(0; \{2^5, 4^{17}, 8^6\})$	134217728
8	$\mathcal{O}(0; \{2^2, 4^{19}, 8^6\})$	536870912
8	$\mathcal{O}(0; \{2^{27}, 8^8\})$	16384
8	$\mathcal{O}(0; \{2^{24}, 4^2, 8^8\})$	65536
8	$\mathcal{O}(0; \{2^{21}, 4^4, 8^8\})$	262144
8	$\mathcal{O}(0; \{2^{18}, 4^6, 8^8\})$	1048576
8	$\mathcal{O}(0; \{2^{15}, 4^8, 8^8\})$	4194304
8	$\mathcal{O}(0; \{2^{12}, 4^{10}, 8^8\})$	16777216
8	$\mathcal{O}(0; \{2^9, 4^{12}, 8^8\})$	67108864
8	$\mathcal{O}(0; \{2^6, 4^{14}, 8^8\})$	268435456
8	$\mathcal{O}(0; \{2^3, 4^{16}, 8^8\})$	1073741824
8	$\mathcal{O}(0; \{4^{18}, 8^8\})$	4294967296
8	$\mathcal{O}(0; \{2^{22}, 4, 8^{10}\})$	524288
8	$\mathcal{O}(0; \{2^{19}, 4^3, 8^{10}\})$	2097152
8	$\mathcal{O}(0; \{2^{16}, 4^5, 8^{10}\})$	8388608
8	$\mathcal{O}(0; \{2^{13}, 4^7, 8^{10}\})$	33554432
8	$\mathcal{O}(0; \{2^{10}, 4^9, 8^{10}\})$	134217728
8	$\mathcal{O}(0; \{2^7, 4^{11}, 8^{10}\})$	536870912
8	$\mathcal{O}(0; \{2^4, 4^{13}, 8^{10}\})$	2147483648
8	$\mathcal{O}(0; \{2, 4^{15}, 8^{10}\})$	8589934592

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^{20}, 8^{12}\})$	4194304
8	$\mathcal{O}(0; \{2^{17}, 4^2, 8^{12}\})$	16777216
8	$\mathcal{O}(0; \{2^{14}, 4^4, 8^{12}\})$	67108864
8	$\mathcal{O}(0; \{2^{11}, 4^6, 8^{12}\})$	268435456
8	$\mathcal{O}(0; \{2^8, 4^8, 8^{12}\})$	1073741824
8	$\mathcal{O}(0; \{2^5, 4^{10}, 8^{12}\})$	4294967296
8	$\mathcal{O}(0; \{2^2, 4^{12}, 8^{12}\})$	17179869184
8	$\mathcal{O}(0; \{2^{15}, 4, 8^{14}\})$	134217728
8	$\mathcal{O}(0; \{2^{12}, 4^3, 8^{14}\})$	536870912
8	$\mathcal{O}(0; \{2^9, 4^5, 8^{14}\})$	2147483648
8	$\mathcal{O}(0; \{2^6, 4^7, 8^{14}\})$	8589934592
8	$\mathcal{O}(0; \{2^3, 4^9, 8^{14}\})$	34359738368
8	$\mathcal{O}(0; \{4^{11}, 8^{14}\})$	137438953472
8	$\mathcal{O}(0; \{2^{13}, 8^{16}\})$	1073741824
8	$\mathcal{O}(0; \{2^{10}, 4^2, 8^{16}\})$	4294967296
8	$\mathcal{O}(0; \{2^7, 4^4, 8^{16}\})$	17179869184
8	$\mathcal{O}(0; \{2^4, 4^6, 8^{16}\})$	68719476736
8	$\mathcal{O}(0; \{2, 4^8, 8^{16}\})$	274877906944
8	$\mathcal{O}(0; \{2^8, 4, 8^{18}\})$	34359738368
8	$\mathcal{O}(0; \{2^5, 4^3, 8^{18}\})$	137438953472
8	$\mathcal{O}(0; \{2^2, 4^5, 8^{18}\})$	549755813888
8	$\mathcal{O}(0; \{2^6, 8^{20}\})$	274877906944
8	$\mathcal{O}(0; \{2^3, 4^2, 8^{20}\})$	1099511627776
8	$\mathcal{O}(0; \{4^4, 8^{20}\})$	4398046511104
8	$\mathcal{O}(0; \{2, 4, 8^{22}\})$	8796093022208
9	$\mathcal{O}(8; \{3, 9^2\})$	22236242266222092
9	$\mathcal{O}(7; \{3^4, 9^2\})$	2196172075676256
9	$\mathcal{O}(7; \{9^5\})$	18530201888518410
9	$\mathcal{O}(6; \{3^7, 9^2\})$	216905884017408
9	$\mathcal{O}(6; \{3^3, 9^5\})$	1830143396396880
9	$\mathcal{O}(5; \{3^{10}, 9^2\})$	21422803359744
9	$\mathcal{O}(5; \{3^6, 9^5\})$	180754903347840
9	$\mathcal{O}(5; \{3^2, 9^8\})$	2623205534835528
9	$\mathcal{O}(4; \{3^{13}, 9^2\})$	2115832430592
9	$\mathcal{O}(4; \{3^9, 9^5\})$	17852336133120
9	$\mathcal{O}(4; \{3^5, 9^8\})$	259082028131904
9	$\mathcal{O}(4; \{3, 9^{11}\})$	3467104989840756
9	$\mathcal{O}(3; \{3^{16}, 9^2\})$	208971104256
9	$\mathcal{O}(3; \{3^{12}, 9^5\})$	1763193692160
9	$\mathcal{O}(3; \{3^8, 9^8\})$	25588348457472
9	$\mathcal{O}(3; \{3^4, 9^{11}\})$	342430122453408
9	$\mathcal{O}(3; \{9^{14}\})$	4627890384777666
9	$\mathcal{O}(2; \{3^{19}, 9^2\})$	20639121408

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(2; \{3^{15}, 9^5\})$	174142586880
9	$\mathcal{O}(2; \{3^{11}, 9^8\})$	2527244292096
9	$\mathcal{O}(2; \{3^7, 9^{11}\})$	33820259007744
9	$\mathcal{O}(2; \{3^3, 9^{14}\})$	457075593558288
9	$\mathcal{O}(1; \{3^{22}, 9^2\})$	2038431744
9	$\mathcal{O}(1; \{3^{18}, 9^5\})$	17199267840
9	$\mathcal{O}(1; \{3^{14}, 9^8\})$	249604374528
9	$\mathcal{O}(1; \{3^{10}, 9^{11}\})$	3340272494592
9	$\mathcal{O}(1; \{3^6, 9^{14}\})$	45143268499584
9	$\mathcal{O}(1; \{3^2, 9^{17}\})$	609350441918760
9	$\mathcal{O}(0; \{3^{25}, 9^2\})$	201326592
9	$\mathcal{O}(0; \{3^{21}, 9^5\})$	1698693120
9	$\mathcal{O}(0; \{3^{17}, 9^8\})$	24652283904
9	$\mathcal{O}(0; \{3^{13}, 9^{11}\})$	329903456256
9	$\mathcal{O}(0; \{3^9, 9^{14}\})$	4458594419712
9	$\mathcal{O}(0; \{3^5, 9^{17}\})$	60182759695680
9	$\mathcal{O}(0; \{3, 9^{20}\})$	812481203029284
10	$\mathcal{O}(7; \{2^2, 10^2\})$	400000000000000
10	$\mathcal{O}(6; \{5^6\})$	819799804687500
10	$\mathcal{O}(6; \{2^3, 5^3, 10\})$	520000000000000
10	$\mathcal{O}(6; \{2^6, 10^2\})$	400000000000000
10	$\mathcal{O}(6; \{2, 5^2, 10^3\})$	2040000000000000
10	$\mathcal{O}(5; \{2^4, 5^6\})$	820000000000000
10	$\mathcal{O}(5; \{2^7, 5^3, 10\})$	520000000000000
10	$\mathcal{O}(5; \{2^{10}, 10^2\})$	400000000000000
10	$\mathcal{O}(5; \{2^2, 5^5, 10^2\})$	3276000000000000
10	$\mathcal{O}(5; \{2^5, 5^2, 10^3\})$	2040000000000000
10	$\mathcal{O}(5; \{5^4, 10^4\})$	13108000000000000
10	$\mathcal{O}(5; \{2^3, 5, 10^5\})$	8200000000000000
10	$\mathcal{O}(5; \{2, 10^7\})$	3276000000000000
10	$\mathcal{O}(4; \{2^8, 5^6\})$	820000000000000
10	$\mathcal{O}(4; \{5^{11}\})$	83558320312500
10	$\mathcal{O}(4; \{2^{11}, 5^3, 10\})$	520000000000000
10	$\mathcal{O}(4; \{2^3, 5^8, 10\})$	5242800000000000
10	$\mathcal{O}(4; \{2^{14}, 10^2\})$	4000000000000000
10	$\mathcal{O}(4; \{2^6, 5^5, 10^2\})$	3276000000000000
10	$\mathcal{O}(4; \{2^9, 5^2, 10^3\})$	2040000000000000
10	$\mathcal{O}(4; \{2, 5^7, 10^3\})$	2097160000000000
10	$\mathcal{O}(4; \{2^4, 5^4, 10^4\})$	13108000000000000
10	$\mathcal{O}(4; \{2^7, 5, 10^5\})$	8200000000000000
10	$\mathcal{O}(4; \{2^2, 5^3, 10^6\})$	5242800000000000
10	$\mathcal{O}(4; \{2^5, 10^7\})$	3276000000000000
10	$\mathcal{O}(4; \{5^2, 10^8\})$	2097160000000000

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{2^{12}, 5^6\})$	820000000
10	$\mathcal{O}(3; \{2^4, 5^{11}\})$	838860000000
10	$\mathcal{O}(3; \{2^{15}, 5^3, 10\})$	52000000
10	$\mathcal{O}(3; \{2^7, 5^8, 10\})$	52428000000
10	$\mathcal{O}(3; \{2^{18}, 10^2\})$	4000000
10	$\mathcal{O}(3; \{2^{10}, 5^5, 10^2\})$	3276000000
10	$\mathcal{O}(3; \{2^2, 5^{10}, 10^2\})$	3355444000000
10	$\mathcal{O}(3; \{2^{13}, 5^2, 10^3\})$	204000000
10	$\mathcal{O}(3; \{2^5, 5^7, 10^3\})$	209716000000
10	$\mathcal{O}(3; \{2^8, 5^4, 10^4\})$	13108000000
10	$\mathcal{O}(3; \{5^9, 10^4\})$	13421772000000
10	$\mathcal{O}(3; \{2^{11}, 5, 10^5\})$	820000000
10	$\mathcal{O}(3; \{2^3, 5^6, 10^5\})$	838860000000
10	$\mathcal{O}(3; \{2^6, 5^3, 10^6\})$	52428000000
10	$\mathcal{O}(3; \{2^9, 10^7\})$	3276000000
10	$\mathcal{O}(3; \{2, 5^5, 10^7\})$	3355444000000
10	$\mathcal{O}(3; \{2^4, 5^2, 10^8\})$	209716000000
10	$\mathcal{O}(3; \{2^2, 5, 10^{10}\})$	838860000000
10	$\mathcal{O}(3; \{10^{12}\})$	3355444000000
10	$\mathcal{O}(2; \{2^{16}, 5^6\})$	8200000
10	$\mathcal{O}(2; \{2^8, 5^{11}\})$	83886000000
10	$\mathcal{O}(2; \{5^{16}\})$	8053063687500
10	$\mathcal{O}(2; \{2^{19}, 5^3, 10\})$	520000
10	$\mathcal{O}(2; \{2^{11}, 5^8, 10\})$	524280000
10	$\mathcal{O}(2; \{2^3, 5^{13}, 10\})$	536870920000
10	$\mathcal{O}(2; \{2^{22}, 10^2\})$	40000
10	$\mathcal{O}(2; \{2^{14}, 5^5, 10^2\})$	32760000
10	$\mathcal{O}(2; \{2^6, 5^{10}, 10^2\})$	33554440000
10	$\mathcal{O}(2; \{2^{17}, 5^2, 10^3\})$	2040000
10	$\mathcal{O}(2; \{2^9, 5^7, 10^3\})$	2097160000
10	$\mathcal{O}(2; \{2, 5^{12}, 10^3\})$	2147483640000
10	$\mathcal{O}(2; \{2^{12}, 5^4, 10^4\})$	131080000
10	$\mathcal{O}(2; \{2^4, 5^9, 10^4\})$	134217720000
10	$\mathcal{O}(2; \{2^{15}, 5, 10^5\})$	8200000
10	$\mathcal{O}(2; \{2^7, 5^6, 10^5\})$	83886000000
10	$\mathcal{O}(2; \{2^{10}, 5^3, 10^6\})$	524280000
10	$\mathcal{O}(2; \{2^2, 5^8, 10^6\})$	536870920000
10	$\mathcal{O}(2; \{2^{13}, 10^7\})$	32760000
10	$\mathcal{O}(2; \{2^5, 5^5, 10^7\})$	33554440000
10	$\mathcal{O}(2; \{2^8, 5^2, 10^8\})$	2097160000
10	$\mathcal{O}(2; \{5^7, 10^8\})$	2147483640000
10	$\mathcal{O}(2; \{2^3, 5^4, 10^9\})$	134217720000
10	$\mathcal{O}(2; \{2^6, 5, 10^{10}\})$	8388600000

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{2, 5^3, 10^{11}\})$	536870920000
10	$\mathcal{O}(2; \{2^4, 10^{12}\})$	33554440000
10	$\mathcal{O}(1; \{2^{20}, 5^6\})$	82000
10	$\mathcal{O}(1; \{2^{12}, 5^{11}\})$	83886000
10	$\mathcal{O}(1; \{2^4, 5^{16}\})$	85899346000
10	$\mathcal{O}(1; \{2^{23}, 5^3, 10\})$	5200
10	$\mathcal{O}(1; \{2^{15}, 5^8, 10\})$	5242800
10	$\mathcal{O}(1; \{2^7, 5^{13}, 10\})$	5368709200
10	$\mathcal{O}(1; \{2^{26}, 10^2\})$	400
10	$\mathcal{O}(1; \{2^{18}, 5^5, 10^2\})$	327600
10	$\mathcal{O}(1; \{2^{10}, 5^{10}, 10^2\})$	335544400
10	$\mathcal{O}(1; \{2^2, 5^{15}, 10^2\})$	343597383600
10	$\mathcal{O}(1; \{2^{21}, 5^2, 10^3\})$	20400
10	$\mathcal{O}(1; \{2^{13}, 5^7, 10^3\})$	20971600
10	$\mathcal{O}(1; \{2^5, 5^{12}, 10^3\})$	21474836400
10	$\mathcal{O}(1; \{2^{16}, 5^4, 10^4\})$	1310800
10	$\mathcal{O}(1; \{2^8, 5^9, 10^4\})$	1342177200
10	$\mathcal{O}(1; \{5^{14}, 10^4\})$	1374389534800
10	$\mathcal{O}(1; \{2^{19}, 5, 10^5\})$	82000
10	$\mathcal{O}(1; \{2^{11}, 5^6, 10^5\})$	83886000
10	$\mathcal{O}(1; \{2^3, 5^{11}, 10^5\})$	85899346000
10	$\mathcal{O}(1; \{2^{14}, 5^3, 10^6\})$	5242800
10	$\mathcal{O}(1; \{2^6, 5^8, 10^6\})$	5368709200
10	$\mathcal{O}(1; \{2^{17}, 10^7\})$	327600
10	$\mathcal{O}(1; \{2^9, 5^5, 10^7\})$	335544400
10	$\mathcal{O}(1; \{2, 5^{10}, 10^7\})$	343597383600
10	$\mathcal{O}(1; \{2^{12}, 5^2, 10^8\})$	20971600
10	$\mathcal{O}(1; \{2^4, 5^7, 10^8\})$	21474836400
10	$\mathcal{O}(1; \{2^7, 5^4, 10^9\})$	1342177200
10	$\mathcal{O}(1; \{2^{10}, 5, 10^{10}\})$	83886000
10	$\mathcal{O}(1; \{2^2, 5^6, 10^{10}\})$	85899346000
10	$\mathcal{O}(1; \{2^5, 5^3, 10^{11}\})$	5368709200
10	$\mathcal{O}(1; \{2^8, 10^{12}\})$	335544400
10	$\mathcal{O}(1; \{5^5, 10^{12}\})$	343597383600
10	$\mathcal{O}(1; \{2^3, 5^2, 10^{13}\})$	21474836400
10	$\mathcal{O}(1; \{2, 5, 10^{15}\})$	85899346000
10	$\mathcal{O}(0; \{2^{24}, 5^6\})$	820
10	$\mathcal{O}(0; \{2^{16}, 5^{11}\})$	838860
10	$\mathcal{O}(0; \{2^8, 5^{16}\})$	858993460
10	$\mathcal{O}(0; \{2^{27}, 5^3, 10\})$	52
10	$\mathcal{O}(0; \{2^{19}, 5^8, 10\})$	52428
10	$\mathcal{O}(0; \{2^{11}, 5^{13}, 10\})$	53687092
10	$\mathcal{O}(0; \{2^3, 5^{18}, 10\})$	54975581388

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{2^{30}, 10^2\})$	4
10	$\mathcal{O}(0; \{2^{22}, 5^5, 10^2\})$	3276
10	$\mathcal{O}(0; \{2^{14}, 5^{10}, 10^2\})$	3355444
10	$\mathcal{O}(0; \{2^6, 5^{15}, 10^2\})$	3435973836
10	$\mathcal{O}(0; \{2^{25}, 5^2, 10^3\})$	204
10	$\mathcal{O}(0; \{2^{17}, 5^7, 10^3\})$	209716
10	$\mathcal{O}(0; \{2^9, 5^{12}, 10^3\})$	214748364
10	$\mathcal{O}(0; \{2, 5^{17}, 10^3\})$	219902325556
10	$\mathcal{O}(0; \{2^{20}, 5^4, 10^4\})$	13108
10	$\mathcal{O}(0; \{2^{12}, 5^9, 10^4\})$	13421772
10	$\mathcal{O}(0; \{2^4, 5^{14}, 10^4\})$	13743895348
10	$\mathcal{O}(0; \{2^{23}, 5, 10^5\})$	820
10	$\mathcal{O}(0; \{2^{15}, 5^6, 10^5\})$	838860
10	$\mathcal{O}(0; \{2^7, 5^{11}, 10^5\})$	858993460
10	$\mathcal{O}(0; \{2^{18}, 5^3, 10^6\})$	52428
10	$\mathcal{O}(0; \{2^{10}, 5^8, 10^6\})$	53687092
10	$\mathcal{O}(0; \{2^2, 5^{13}, 10^6\})$	54975581388
10	$\mathcal{O}(0; \{2^{21}, 10^7\})$	3276
10	$\mathcal{O}(0; \{2^{13}, 5^5, 10^7\})$	3355444
10	$\mathcal{O}(0; \{2^5, 5^{10}, 10^7\})$	3435973836
10	$\mathcal{O}(0; \{2^{16}, 5^2, 10^8\})$	209716
10	$\mathcal{O}(0; \{2^8, 5^7, 10^8\})$	214748364
10	$\mathcal{O}(0; \{5^{12}, 10^8\})$	219902325556
10	$\mathcal{O}(0; \{2^{11}, 5^4, 10^9\})$	13421772
10	$\mathcal{O}(0; \{2^3, 5^9, 10^9\})$	13743895348
10	$\mathcal{O}(0; \{2^{14}, 5, 10^{10}\})$	838860
10	$\mathcal{O}(0; \{2^6, 5^6, 10^{10}\})$	858993460
10	$\mathcal{O}(0; \{2^9, 5^3, 10^{11}\})$	53687092
10	$\mathcal{O}(0; \{2, 5^8, 10^{11}\})$	54975581388
10	$\mathcal{O}(0; \{2^{12}, 10^{12}\})$	3355444
10	$\mathcal{O}(0; \{2^4, 5^5, 10^{12}\})$	3435973836
10	$\mathcal{O}(0; \{2^7, 5^2, 10^{13}\})$	214748364
10	$\mathcal{O}(0; \{2^2, 5^4, 10^{14}\})$	13743895348
10	$\mathcal{O}(0; \{2^5, 5, 10^{15}\})$	858993460
10	$\mathcal{O}(0; \{5^3, 10^{16}\})$	54975581388
10	$\mathcal{O}(0; \{2^3, 10^{17}\})$	3435973836
11	$\mathcal{O}(5; \{11^6\})$	2357971270476910
11	$\mathcal{O}(0; \{11^{17}\})$	9090909090909090
12	$\mathcal{O}(6; \{2^2, 3^2\})$	17827847331840
12	$\mathcal{O}(6; \{3, 6^2\})$	17827847331840
12	$\mathcal{O}(6; \{3, 4, 12\})$	35664401793024
12	$\mathcal{O}(6; \{2, 12^2\})$	35664401793024
12	$\mathcal{O}(5; \{2^6, 3^2\})$	123713796096

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{2^2, 3^5\})$	618568980480
12	$\mathcal{O}(5; \{2^3, 3^2, 4^2\})$	247669456896
12	$\mathcal{O}(5; \{3^2, 4^4\})$	990677827584
12	$\mathcal{O}(5; \{2^3, 3^3, 6\})$	371141388288
12	$\mathcal{O}(5; \{3^3, 4^2, 6\})$	743008370688
12	$\mathcal{O}(5; \{2^4, 3, 6^2\})$	123713796096
12	$\mathcal{O}(5; \{3^4, 6^2\})$	1360851757056
12	$\mathcal{O}(5; \{2, 3, 4^2, 6^2\})$	247669456896
12	$\mathcal{O}(5; \{2, 3^2, 6^3\})$	618568980480
12	$\mathcal{O}(5; \{2^2, 6^4\})$	371141388288
12	$\mathcal{O}(5; \{2^4, 3, 4, 12\})$	247669456896
12	$\mathcal{O}(5; \{3^4, 4, 12\})$	1238347284480
12	$\mathcal{O}(5; \{2, 3, 4^3, 12\})$	990677827584
12	$\mathcal{O}(5; \{2, 3^2, 4, 6, 12\})$	743008370688
12	$\mathcal{O}(5; \{2^2, 4, 6^2, 12\})$	247669456896
12	$\mathcal{O}(5; \{2^5, 12^2\})$	247669456896
12	$\mathcal{O}(5; \{2, 3^3, 12^2\})$	1238347284480
12	$\mathcal{O}(5; \{2^2, 4^2, 12^2\})$	990677827584
12	$\mathcal{O}(5; \{2^2, 3, 6, 12^2\})$	743008370688
12	$\mathcal{O}(5; \{6^3, 12^2\})$	1238347284480
12	$\mathcal{O}(5; \{4, 6, 12^3\})$	2972033482752
12	$\mathcal{O}(5; \{3, 12^4\})$	4953389137920
12	$\mathcal{O}(4; \{2^{10}, 3^2\})$	856604160
12	$\mathcal{O}(4; \{2^6, 3^5\})$	4283020800
12	$\mathcal{O}(4; \{2^2, 3^8\})$	36833978880
12	$\mathcal{O}(4; \{2^7, 3^2, 4^2\})$	1719926784
12	$\mathcal{O}(4; \{2^3, 3^5, 4^2\})$	8599633920
12	$\mathcal{O}(4; \{2^4, 3^2, 4^4\})$	6879707136
12	$\mathcal{O}(4; \{3^5, 4^4\})$	34398535680
12	$\mathcal{O}(4; \{2, 3^2, 4^6\})$	27518828544
12	$\mathcal{O}(4; \{2^7, 3^3, 6\})$	2569812480
12	$\mathcal{O}(4; \{2^3, 3^6, 6\})$	17988687360
12	$\mathcal{O}(4; \{2^4, 3^3, 4^2, 6\})$	5159780352
12	$\mathcal{O}(4; \{3^6, 4^2, 6\})$	36118462464
12	$\mathcal{O}(4; \{2, 3^3, 4^4, 6\})$	20639121408
12	$\mathcal{O}(4; \{2^8, 3, 6^2\})$	856604160
12	$\mathcal{O}(4; \{2^4, 3^4, 6^2\})$	9422645760
12	$\mathcal{O}(4; \{3^7, 6^2\})$	72811353600
12	$\mathcal{O}(4; \{2^5, 3, 4^2, 6^2\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^4, 4^2, 6^2\})$	18919194624
12	$\mathcal{O}(4; \{2^2, 3, 4^4, 6^2\})$	6879707136
12	$\mathcal{O}(4; \{2^5, 3^2, 6^3\})$	4283020800
12	$\mathcal{O}(4; \{2, 3^5, 6^3\})$	36833978880

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{2^2, 3^2, 4^2, 6^3\})$	8599633920
12	$\mathcal{O}(4; \{2^6, 6^4\})$	2569812480
12	$\mathcal{O}(4; \{2^2, 3^3, 6^4\})$	17988687360
12	$\mathcal{O}(4; \{2^3, 4^2, 6^4\})$	5159780352
12	$\mathcal{O}(4; \{4^4, 6^4\})$	20639121408
12	$\mathcal{O}(4; \{2^3, 3, 6^5\})$	9422645760
12	$\mathcal{O}(4; \{3, 4^2, 6^5\})$	18919194624
12	$\mathcal{O}(4; \{3^2, 6^6\})$	36833978880
12	$\mathcal{O}(4; \{2, 6^7\})$	17988687360
12	$\mathcal{O}(4; \{2^8, 3, 4, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^4, 3^4, 4, 12\})$	8599633920
12	$\mathcal{O}(4; \{3^7, 4, 12\})$	73956851712
12	$\mathcal{O}(4; \{2^5, 3, 4^3, 12\})$	6879707136
12	$\mathcal{O}(4; \{2, 3^4, 4^3, 12\})$	34398535680
12	$\mathcal{O}(4; \{2^2, 3, 4^5, 12\})$	27518828544
12	$\mathcal{O}(4; \{2^5, 3^2, 4, 6, 12\})$	5159780352
12	$\mathcal{O}(4; \{2, 3^5, 4, 6, 12\})$	36118462464
12	$\mathcal{O}(4; \{2^2, 3^2, 4^3, 6, 12\})$	20639121408
12	$\mathcal{O}(4; \{2^6, 4, 6^2, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3^3, 4, 6^2, 12\})$	18919194624
12	$\mathcal{O}(4; \{2^3, 4^3, 6^2, 12\})$	6879707136
12	$\mathcal{O}(4; \{4^5, 6^2, 12\})$	27518828544
12	$\mathcal{O}(4; \{2^3, 3, 4, 6^3, 12\})$	8599633920
12	$\mathcal{O}(4; \{3, 4^3, 6^3, 12\})$	34398535680
12	$\mathcal{O}(4; \{3^2, 4, 6^4, 12\})$	36118462464
12	$\mathcal{O}(4; \{2, 4, 6^5, 12\})$	18919194624
12	$\mathcal{O}(4; \{2^9, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{2^5, 3^3, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{2, 3^6, 12^2\})$	73956851712
12	$\mathcal{O}(4; \{2^6, 4^2, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{2^2, 3^3, 4^2, 12^2\})$	34398535680
12	$\mathcal{O}(4; \{2^3, 4^4, 12^2\})$	27518828544
12	$\mathcal{O}(4; \{4^6, 12^2\})$	110075314176
12	$\mathcal{O}(4; \{2^6, 3, 6, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{2^2, 3^4, 6, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{2^3, 3, 4^2, 6, 12^2\})$	20639121408
12	$\mathcal{O}(4; \{3, 4^4, 6, 12^2\})$	82556485632
12	$\mathcal{O}(4; \{2^3, 3^2, 6^2, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{3^2, 4^2, 6^2, 12^2\})$	75676778496
12	$\mathcal{O}(4; \{2^4, 6^3, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{3^3, 6^3, 12^2\})$	73956851712
12	$\mathcal{O}(4; \{2, 4^2, 6^3, 12^2\})$	34398535680
12	$\mathcal{O}(4; \{2, 3, 6^4, 12^2\})$	36118462464

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{2^3, 3^2, 4, 12^3\})$	34398535680
12	$\mathcal{O}(4; \{3^2, 4^3, 12^3\})$	137594142720
12	$\mathcal{O}(4; \{2^4, 4, 6, 12^3\})$	20639121408
12	$\mathcal{O}(4; \{3^3, 4, 6, 12^3\})$	144473849856
12	$\mathcal{O}(4; \{2, 4^3, 6, 12^3\})$	82556485632
12	$\mathcal{O}(4; \{2, 3, 4, 6^2, 12^3\})$	75676778496
12	$\mathcal{O}(4; \{2^4, 3, 12^4\})$	34398535680
12	$\mathcal{O}(4; \{3^4, 12^4\})$	295827406848
12	$\mathcal{O}(4; \{2, 3, 4^2, 12^4\})$	137594142720
12	$\mathcal{O}(4; \{2, 3^2, 6, 12^4\})$	144473849856
12	$\mathcal{O}(4; \{2^2, 6^2, 12^4\})$	75676778496
12	$\mathcal{O}(4; \{2^2, 4, 12^5\})$	137594142720
12	$\mathcal{O}(4; \{6, 12^6\})$	577895399424
12	$\mathcal{O}(3; \{2^{14}, 3^2\})$	5878656
12	$\mathcal{O}(3; \{2^{10}, 3^5\})$	29393280
12	$\mathcal{O}(3; \{2^6, 3^8\})$	252782208
12	$\mathcal{O}(3; \{2^2, 3^{11}\})$	2004621696
12	$\mathcal{O}(3; \{2^{11}, 3^2, 4^2\})$	11943936
12	$\mathcal{O}(3; \{2^7, 3^5, 4^2\})$	59719680
12	$\mathcal{O}(3; \{2^3, 3^8, 4^2\})$	513589248
12	$\mathcal{O}(3; \{2^8, 3^2, 4^4\})$	47775744
12	$\mathcal{O}(3; \{2^4, 3^5, 4^4\})$	238878720
12	$\mathcal{O}(3; \{3^8, 4^4\})$	2054356992
12	$\mathcal{O}(3; \{2^5, 3^2, 4^6\})$	191102976
12	$\mathcal{O}(3; \{2, 3^5, 4^6\})$	955514880
12	$\mathcal{O}(3; \{2^2, 3^2, 4^8\})$	764411904
12	$\mathcal{O}(3; \{2^{11}, 3^3, 6\})$	17635968
12	$\mathcal{O}(3; \{2^7, 3^6, 6\})$	123451776
12	$\mathcal{O}(3; \{2^3, 3^9, 6\})$	1005250176
12	$\mathcal{O}(3; \{2^8, 3^3, 4^2, 6\})$	35831808
12	$\mathcal{O}(3; \{2^4, 3^6, 4^2, 6\})$	250822656
12	$\mathcal{O}(3; \{3^9, 4^2, 6\})$	2042413056
12	$\mathcal{O}(3; \{2^5, 3^3, 4^4, 6\})$	143327232
12	$\mathcal{O}(3; \{2, 3^6, 4^4, 6\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3^3, 4^6, 6\})$	573308928
12	$\mathcal{O}(3; \{2^{12}, 3, 6^2\})$	5878656
12	$\mathcal{O}(3; \{2^8, 3^4, 6^2\})$	64665216
12	$\mathcal{O}(3; \{2^4, 3^7, 6^2\})$	499685760
12	$\mathcal{O}(3; \{3^{10}, 6^2\})$	4015122048
12	$\mathcal{O}(3; \{2^9, 3, 4^2, 6^2\})$	11943936
12	$\mathcal{O}(3; \{2^5, 3^4, 4^2, 6^2\})$	131383296
12	$\mathcal{O}(3; \{2, 3^7, 4^2, 6^2\})$	1015234560
12	$\mathcal{O}(3; \{2^6, 3, 4^4, 6^2\})$	47775744

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^2, 3^4, 4^4, 6^2\})$	525533184
12	$\mathcal{O}(3; \{2^3, 3, 4^6, 6^2\})$	191102976
12	$\mathcal{O}(3; \{3, 4^8, 6^2\})$	764411904
12	$\mathcal{O}(3; \{2^9, 3^2, 6^3\})$	29393280
12	$\mathcal{O}(3; \{2^5, 3^5, 6^3\})$	252782208
12	$\mathcal{O}(3; \{2, 3^8, 6^3\})$	2004621696
12	$\mathcal{O}(3; \{2^6, 3^2, 4^2, 6^3\})$	59719680
12	$\mathcal{O}(3; \{2^2, 3^5, 4^2, 6^3\})$	513589248
12	$\mathcal{O}(3; \{2^3, 3^2, 4^4, 6^3\})$	238878720
12	$\mathcal{O}(3; \{3^2, 4^6, 6^3\})$	955514880
12	$\mathcal{O}(3; \{2^{10}, 6^4\})$	17635968
12	$\mathcal{O}(3; \{2^6, 3^3, 6^4\})$	123451776
12	$\mathcal{O}(3; \{2^2, 3^6, 6^4\})$	1005250176
12	$\mathcal{O}(3; \{2^7, 4^2, 6^4\})$	35831808
12	$\mathcal{O}(3; \{2^3, 3^3, 4^2, 6^4\})$	250822656
12	$\mathcal{O}(3; \{2^4, 4^4, 6^4\})$	143327232
12	$\mathcal{O}(3; \{3^3, 4^4, 6^4\})$	1003290624
12	$\mathcal{O}(3; \{2, 4^6, 6^4\})$	573308928
12	$\mathcal{O}(3; \{2^7, 3, 6^5\})$	64665216
12	$\mathcal{O}(3; \{2^3, 3^4, 6^5\})$	499685760
12	$\mathcal{O}(3; \{2^4, 3, 4^2, 6^5\})$	131383296
12	$\mathcal{O}(3; \{3^4, 4^2, 6^5\})$	1015234560
12	$\mathcal{O}(3; \{2, 3, 4^4, 6^5\})$	525533184
12	$\mathcal{O}(3; \{2^4, 3^2, 6^6\})$	252782208
12	$\mathcal{O}(3; \{3^5, 6^6\})$	2004621696
12	$\mathcal{O}(3; \{2, 3^2, 4^2, 6^6\})$	513589248
12	$\mathcal{O}(3; \{2^5, 6^7\})$	123451776
12	$\mathcal{O}(3; \{2, 3^3, 6^7\})$	1005250176
12	$\mathcal{O}(3; \{2^2, 4^2, 6^7\})$	250822656
12	$\mathcal{O}(3; \{2^2, 3, 6^8\})$	499685760
12	$\mathcal{O}(3; \{6^{10}\})$	1005250176
12	$\mathcal{O}(3; \{2^{12}, 3, 4, 12\})$	11943936
12	$\mathcal{O}(3; \{2^8, 3^4, 4, 12\})$	59719680
12	$\mathcal{O}(3; \{2^4, 3^7, 4, 12\})$	513589248
12	$\mathcal{O}(3; \{3^{10}, 4, 12\})$	4072882176
12	$\mathcal{O}(3; \{2^9, 3, 4^3, 12\})$	47775744
12	$\mathcal{O}(3; \{2^5, 3^4, 4^3, 12\})$	238878720
12	$\mathcal{O}(3; \{2, 3^7, 4^3, 12\})$	2054356992
12	$\mathcal{O}(3; \{2^6, 3, 4^5, 12\})$	191102976
12	$\mathcal{O}(3; \{2^2, 3^4, 4^5, 12\})$	955514880
12	$\mathcal{O}(3; \{2^3, 3, 4^7, 12\})$	764411904
12	$\mathcal{O}(3; \{3, 4^9, 12\})$	3057647616
12	$\mathcal{O}(3; \{2^9, 3^2, 4, 6, 12\})$	35831808

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^5, 3^5, 4, 6, 12\})$	250822656
12	$\mathcal{O}(3; \{2, 3^8, 4, 6, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^6, 3^2, 4^3, 6, 12\})$	143327232
12	$\mathcal{O}(3; \{2^2, 3^5, 4^3, 6, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 3^2, 4^5, 6, 12\})$	573308928
12	$\mathcal{O}(3; \{3^2, 4^7, 6, 12\})$	2293235712
12	$\mathcal{O}(3; \{2^{10}, 4, 6^2, 12\})$	11943936
12	$\mathcal{O}(3; \{2^6, 3^3, 4, 6^2, 12\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^6, 4, 6^2, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^7, 4^3, 6^2, 12\})$	47775744
12	$\mathcal{O}(3; \{2^3, 3^3, 4^3, 6^2, 12\})$	525533184
12	$\mathcal{O}(3; \{2^4, 4^5, 6^2, 12\})$	191102976
12	$\mathcal{O}(3; \{3^3, 4^5, 6^2, 12\})$	2102132736
12	$\mathcal{O}(3; \{2, 4^7, 6^2, 12\})$	764411904
12	$\mathcal{O}(3; \{2^7, 3, 4, 6^3, 12\})$	59719680
12	$\mathcal{O}(3; \{2^3, 3^4, 4, 6^3, 12\})$	513589248
12	$\mathcal{O}(3; \{2^4, 3, 4^3, 6^3, 12\})$	238878720
12	$\mathcal{O}(3; \{3^4, 4^3, 6^3, 12\})$	2054356992
12	$\mathcal{O}(3; \{2, 3, 4^5, 6^3, 12\})$	955514880
12	$\mathcal{O}(3; \{2^4, 3^2, 4, 6^4, 12\})$	250822656
12	$\mathcal{O}(3; \{3^5, 4, 6^4, 12\})$	2042413056
12	$\mathcal{O}(3; \{2, 3^2, 4^3, 6^4, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^5, 4, 6^5, 12\})$	131383296
12	$\mathcal{O}(3; \{2, 3^3, 4, 6^5, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^2, 4^3, 6^5, 12\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3, 4, 6^6, 12\})$	513589248
12	$\mathcal{O}(3; \{4, 6^8, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^{13}, 12^2\})$	11943936
12	$\mathcal{O}(3; \{2^9, 3^3, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^5, 3^6, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2, 3^9, 12^2\})$	4072882176
12	$\mathcal{O}(3; \{2^{10}, 4^2, 12^2\})$	47775744
12	$\mathcal{O}(3; \{2^6, 3^3, 4^2, 12^2\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3^6, 4^2, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{2^7, 4^4, 12^2\})$	191102976
12	$\mathcal{O}(3; \{2^3, 3^3, 4^4, 12^2\})$	955514880
12	$\mathcal{O}(3; \{2^4, 4^6, 12^2\})$	764411904
12	$\mathcal{O}(3; \{3^3, 4^6, 12^2\})$	3822059520
12	$\mathcal{O}(3; \{2, 4^8, 12^2\})$	3057647616
12	$\mathcal{O}(3; \{2^{10}, 3, 6, 12^2\})$	35831808
12	$\mathcal{O}(3; \{2^6, 3^4, 6, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2^2, 3^7, 6, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2^7, 3, 4^2, 6, 12^2\})$	143327232

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^3, 3^4, 4^2, 6, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2^4, 3, 4^4, 6, 12^2\})$	573308928
12	$\mathcal{O}(3; \{3^4, 4^4, 6, 12^2\})$	4013162496
12	$\mathcal{O}(3; \{2, 3, 4^6, 6, 12^2\})$	2293235712
12	$\mathcal{O}(3; \{2^7, 3^2, 6^2, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2^3, 3^5, 6^2, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^4, 3^2, 4^2, 6^2, 12^2\})$	525533184
12	$\mathcal{O}(3; \{3^5, 4^2, 6^2, 12^2\})$	4060938240
12	$\mathcal{O}(3; \{2, 3^2, 4^4, 6^2, 12^2\})$	2102132736
12	$\mathcal{O}(3; \{2^8, 6^3, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^4, 3^3, 6^3, 12^2\})$	513589248
12	$\mathcal{O}(3; \{3^6, 6^3, 12^2\})$	4072882176
12	$\mathcal{O}(3; \{2^5, 4^2, 6^3, 12^2\})$	238878720
12	$\mathcal{O}(3; \{2, 3^3, 4^2, 6^3, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{2^2, 4^4, 6^3, 12^2\})$	955514880
12	$\mathcal{O}(3; \{2^5, 3, 6^4, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2, 3^4, 6^4, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2^2, 3, 4^2, 6^4, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3^2, 6^5, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^3, 6^6, 12^2\})$	513589248
12	$\mathcal{O}(3; \{4^2, 6^6, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{3, 6^7, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2^7, 3^2, 4, 12^3\})$	238878720
12	$\mathcal{O}(3; \{2^3, 3^5, 4, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2^4, 3^2, 4^3, 12^3\})$	955514880
12	$\mathcal{O}(3; \{3^5, 4^3, 12^3\})$	8217427968
12	$\mathcal{O}(3; \{2, 3^2, 4^5, 12^3\})$	3822059520
12	$\mathcal{O}(3; \{2^8, 4, 6, 12^3\})$	143327232
12	$\mathcal{O}(3; \{2^4, 3^3, 4, 6, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{3^6, 4, 6, 12^3\})$	8169652224
12	$\mathcal{O}(3; \{2^5, 4^3, 6, 12^3\})$	573308928
12	$\mathcal{O}(3; \{2, 3^3, 4^3, 6, 12^3\})$	4013162496
12	$\mathcal{O}(3; \{2^2, 4^5, 6, 12^3\})$	2293235712
12	$\mathcal{O}(3; \{2^5, 3, 4, 6^2, 12^3\})$	525533184
12	$\mathcal{O}(3; \{2, 3^4, 4, 6^2, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2^2, 3, 4^3, 6^2, 12^3\})$	2102132736
12	$\mathcal{O}(3; \{2^2, 3^2, 4, 6^3, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2^3, 4, 6^4, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{4^3, 6^4, 12^3\})$	4013162496
12	$\mathcal{O}(3; \{3, 4, 6^5, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2^8, 3, 12^4\})$	238878720
12	$\mathcal{O}(3; \{2^4, 3^4, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{3^7, 12^4\})$	16291528704

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^5, 3, 4^2, 12^4\})$	955514880
12	$\mathcal{O}(3; \{2, 3^4, 4^2, 12^4\})$	8217427968
12	$\mathcal{O}(3; \{2^2, 3, 4^4, 12^4\})$	3822059520
12	$\mathcal{O}(3; \{2^5, 3^2, 6, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^5, 6, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2^2, 3^2, 4^2, 6, 12^4\})$	4013162496
12	$\mathcal{O}(3; \{2^6, 6^2, 12^4\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3^3, 6^2, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2^3, 4^2, 6^2, 12^4\})$	2102132736
12	$\mathcal{O}(3; \{4^4, 6^2, 12^4\})$	8408530944
12	$\mathcal{O}(3; \{2^3, 3, 6^3, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{3, 4^2, 6^3, 12^4\})$	8217427968
12	$\mathcal{O}(3; \{3^2, 6^4, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2, 6^5, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2^6, 4, 12^5\})$	955514880
12	$\mathcal{O}(3; \{2^2, 3^3, 4, 12^5\})$	8217427968
12	$\mathcal{O}(3; \{2^3, 4^3, 12^5\})$	3822059520
12	$\mathcal{O}(3; \{4^5, 12^5\})$	15288238080
12	$\mathcal{O}(3; \{2^3, 3, 4, 6, 12^5\})$	4013162496
12	$\mathcal{O}(3; \{3, 4^3, 6, 12^5\})$	16052649984
12	$\mathcal{O}(3; \{3^2, 4, 6^2, 12^5\})$	16243752960
12	$\mathcal{O}(3; \{2, 4, 6^3, 12^5\})$	8217427968
12	$\mathcal{O}(3; \{2^3, 3^2, 12^6\})$	8217427968
12	$\mathcal{O}(3; \{3^2, 4^2, 12^6\})$	32869711872
12	$\mathcal{O}(3; \{2^4, 6, 12^6\})$	4013162496
12	$\mathcal{O}(3; \{3^3, 6, 12^6\})$	32678608896
12	$\mathcal{O}(3; \{2, 4^2, 6, 12^6\})$	16052649984
12	$\mathcal{O}(3; \{2, 3, 6^2, 12^6\})$	16243752960
12	$\mathcal{O}(3; \{2, 3, 4, 12^7\})$	32869711872
12	$\mathcal{O}(3; \{2^2, 12^8\})$	32869711872
12	$\mathcal{O}(2; \{2^{18}, 3^2\})$	38880
12	$\mathcal{O}(2; \{2^{14}, 3^5\})$	194400
12	$\mathcal{O}(2; \{2^{10}, 3^8\})$	1671840
12	$\mathcal{O}(2; \{2^6, 3^{11}\})$	13258080
12	$\mathcal{O}(2; \{2^2, 3^{14}\})$	106181280
12	$\mathcal{O}(2; \{2^{15}, 3^2, 4^2\})$	82944
12	$\mathcal{O}(2; \{2^{11}, 3^5, 4^2\})$	414720
12	$\mathcal{O}(2; \{2^7, 3^8, 4^2\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^{11}, 4^2\})$	28283904
12	$\mathcal{O}(2; \{2^{12}, 3^2, 4^4\})$	331776
12	$\mathcal{O}(2; \{2^8, 3^5, 4^4\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3^8, 4^4\})$	14266368
12	$\mathcal{O}(2; \{3^{11}, 4^4\})$	113135616

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^9, 3^2, 4^6\})$	1327104
12	$\mathcal{O}(2; \{2^5, 3^5, 4^6\})$	6635520
12	$\mathcal{O}(2; \{2, 3^8, 4^6\})$	57065472
12	$\mathcal{O}(2; \{2^6, 3^2, 4^8\})$	5308416
12	$\mathcal{O}(2; \{2^2, 3^5, 4^8\})$	26542080
12	$\mathcal{O}(2; \{2^3, 3^2, 4^{10}\})$	21233664
12	$\mathcal{O}(2; \{3^2, 4^{12}\})$	84934656
12	$\mathcal{O}(2; \{2^{15}, 3^3, 6\})$	116640
12	$\mathcal{O}(2; \{2^{11}, 3^6, 6\})$	816480
12	$\mathcal{O}(2; \{2^7, 3^9, 6\})$	6648480
12	$\mathcal{O}(2; \{2^3, 3^{12}, 6\})$	53071200
12	$\mathcal{O}(2; \{2^{12}, 3^3, 4^2, 6\})$	248832
12	$\mathcal{O}(2; \{2^8, 3^6, 4^2, 6\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^9, 4^2, 6\})$	14183424
12	$\mathcal{O}(2; \{3^{12}, 4^2, 6\})$	113218560
12	$\mathcal{O}(2; \{2^9, 3^3, 4^4, 6\})$	995328
12	$\mathcal{O}(2; \{2^5, 3^6, 4^4, 6\})$	6967296
12	$\mathcal{O}(2; \{2, 3^9, 4^4, 6\})$	56733696
12	$\mathcal{O}(2; \{2^6, 3^3, 4^6, 6\})$	3981312
12	$\mathcal{O}(2; \{2^2, 3^6, 4^6, 6\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^3, 4^8, 6\})$	15925248
12	$\mathcal{O}(2; \{3^3, 4^{10}, 6\})$	63700992
12	$\mathcal{O}(2; \{2^{16}, 3, 6^2\})$	38880
12	$\mathcal{O}(2; \{2^{12}, 3^4, 6^2\})$	427680
12	$\mathcal{O}(2; \{2^8, 3^7, 6^2\})$	3304800
12	$\mathcal{O}(2; \{2^4, 3^{10}, 6^2\})$	26555040
12	$\mathcal{O}(2; \{3^{13}, 6^2\})$	212323680
12	$\mathcal{O}(2; \{2^{13}, 3, 4^2, 6^2\})$	82944
12	$\mathcal{O}(2; \{2^9, 3^4, 4^2, 6^2\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^7, 4^2, 6^2\})$	7050240
12	$\mathcal{O}(2; \{2, 3^{10}, 4^2, 6^2\})$	56650752
12	$\mathcal{O}(2; \{2^{10}, 3, 4^4, 6^2\})$	331776
12	$\mathcal{O}(2; \{2^6, 3^4, 4^4, 6^2\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^7, 4^4, 6^2\})$	28200960
12	$\mathcal{O}(2; \{2^7, 3, 4^6, 6^2\})$	1327104
12	$\mathcal{O}(2; \{2^3, 3^4, 4^6, 6^2\})$	14598144
12	$\mathcal{O}(2; \{2^4, 3, 4^8, 6^2\})$	5308416
12	$\mathcal{O}(2; \{3^4, 4^8, 6^2\})$	58392576
12	$\mathcal{O}(2; \{2, 3, 4^{10}, 6^2\})$	21233664
12	$\mathcal{O}(2; \{2^{13}, 3^2, 6^3\})$	194400
12	$\mathcal{O}(2; \{2^9, 3^5, 6^3\})$	1671840
12	$\mathcal{O}(2; \{2^5, 3^8, 6^3\})$	13258080
12	$\mathcal{O}(2; \{2, 3^{11}, 6^3\})$	106181280

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4^2, 6^3\})$	414720
12	$\mathcal{O}(2; \{2^6, 3^5, 4^2, 6^3\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^8, 4^2, 6^3\})$	28283904
12	$\mathcal{O}(2; \{2^7, 3^2, 4^4, 6^3\})$	1658880
12	$\mathcal{O}(2; \{2^3, 3^5, 4^4, 6^3\})$	14266368
12	$\mathcal{O}(2; \{2^4, 3^2, 4^6, 6^3\})$	6635520
12	$\mathcal{O}(2; \{3^5, 4^6, 6^3\})$	57065472
12	$\mathcal{O}(2; \{2, 3^2, 4^8, 6^3\})$	26542080
12	$\mathcal{O}(2; \{2^{14}, 6^4\})$	116640
12	$\mathcal{O}(2; \{2^{10}, 3^3, 6^4\})$	816480
12	$\mathcal{O}(2; \{2^6, 3^6, 6^4\})$	6648480
12	$\mathcal{O}(2; \{2^2, 3^9, 6^4\})$	53071200
12	$\mathcal{O}(2; \{2^{11}, 4^2, 6^4\})$	248832
12	$\mathcal{O}(2; \{2^7, 3^3, 4^2, 6^4\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^6, 4^2, 6^4\})$	14183424
12	$\mathcal{O}(2; \{2^8, 4^4, 6^4\})$	995328
12	$\mathcal{O}(2; \{2^4, 3^3, 4^4, 6^4\})$	6967296
12	$\mathcal{O}(2; \{3^6, 4^4, 6^4\})$	56733696
12	$\mathcal{O}(2; \{2^5, 4^6, 6^4\})$	3981312
12	$\mathcal{O}(2; \{2, 3^3, 4^6, 6^4\})$	27869184
12	$\mathcal{O}(2; \{2^2, 4^8, 6^4\})$	15925248
12	$\mathcal{O}(2; \{2^{11}, 3, 6^5\})$	427680
12	$\mathcal{O}(2; \{2^7, 3^4, 6^5\})$	3304800
12	$\mathcal{O}(2; \{2^3, 3^7, 6^5\})$	26555040
12	$\mathcal{O}(2; \{2^8, 3, 4^2, 6^5\})$	912384
12	$\mathcal{O}(2; \{2^4, 3^4, 4^2, 6^5\})$	7050240
12	$\mathcal{O}(2; \{3^7, 4^2, 6^5\})$	56650752
12	$\mathcal{O}(2; \{2^5, 3, 4^4, 6^5\})$	3649536
12	$\mathcal{O}(2; \{2, 3^4, 4^4, 6^5\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3, 4^6, 6^5\})$	14598144
12	$\mathcal{O}(2; \{2^8, 3^2, 6^6\})$	1671840
12	$\mathcal{O}(2; \{2^4, 3^5, 6^6\})$	13258080
12	$\mathcal{O}(2; \{3^8, 6^6\})$	106181280
12	$\mathcal{O}(2; \{2^5, 3^2, 4^2, 6^6\})$	3566592
12	$\mathcal{O}(2; \{2, 3^5, 4^2, 6^6\})$	28283904
12	$\mathcal{O}(2; \{2^2, 3^2, 4^4, 6^6\})$	14266368
12	$\mathcal{O}(2; \{2^9, 6^7\})$	816480
12	$\mathcal{O}(2; \{2^5, 3^3, 6^7\})$	6648480
12	$\mathcal{O}(2; \{2, 3^6, 6^7\})$	53071200
12	$\mathcal{O}(2; \{2^6, 4^2, 6^7\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^3, 4^2, 6^7\})$	14183424
12	$\mathcal{O}(2; \{2^3, 4^4, 6^7\})$	6967296
12	$\mathcal{O}(2; \{4^6, 6^7\})$	27869184

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^6, 3, 6^8\})$	3304800
12	$\mathcal{O}(2; \{2^2, 3^4, 6^8\})$	26555040
12	$\mathcal{O}(2; \{2^3, 3, 4^2, 6^8\})$	7050240
12	$\mathcal{O}(2; \{3, 4^4, 6^8\})$	28200960
12	$\mathcal{O}(2; \{2^3, 3^2, 6^9\})$	13258080
12	$\mathcal{O}(2; \{3^2, 4^2, 6^9\})$	28283904
12	$\mathcal{O}(2; \{2^4, 6^{10}\})$	6648480
12	$\mathcal{O}(2; \{3^3, 6^{10}\})$	53071200
12	$\mathcal{O}(2; \{2, 4^2, 6^{10}\})$	14183424
12	$\mathcal{O}(2; \{2, 3, 6^{11}\})$	26555040
12	$\mathcal{O}(2; \{2^{16}, 3, 4, 12\})$	82944
12	$\mathcal{O}(2; \{2^{12}, 3^4, 4, 12\})$	414720
12	$\mathcal{O}(2; \{2^8, 3^7, 4, 12\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3^{10}, 4, 12\})$	28283904
12	$\mathcal{O}(2; \{3^{13}, 4, 12\})$	226520064
12	$\mathcal{O}(2; \{2^{13}, 3, 4^3, 12\})$	331776
12	$\mathcal{O}(2; \{2^9, 3^4, 4^3, 12\})$	1658880
12	$\mathcal{O}(2; \{2^5, 3^7, 4^3, 12\})$	14266368
12	$\mathcal{O}(2; \{2, 3^{10}, 4^3, 12\})$	113135616
12	$\mathcal{O}(2; \{2^{10}, 3, 4^5, 12\})$	1327104
12	$\mathcal{O}(2; \{2^6, 3^4, 4^5, 12\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^7, 4^5, 12\})$	57065472
12	$\mathcal{O}(2; \{2^7, 3, 4^7, 12\})$	5308416
12	$\mathcal{O}(2; \{2^3, 3^4, 4^7, 12\})$	26542080
12	$\mathcal{O}(2; \{2^4, 3, 4^9, 12\})$	21233664
12	$\mathcal{O}(2; \{3^4, 4^9, 12\})$	106168320
12	$\mathcal{O}(2; \{2, 3, 4^{11}, 12\})$	84934656
12	$\mathcal{O}(2; \{2^{13}, 3^2, 4, 6, 12\})$	248832
12	$\mathcal{O}(2; \{2^9, 3^5, 4, 6, 12\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^8, 4, 6, 12\})$	14183424
12	$\mathcal{O}(2; \{2, 3^{11}, 4, 6, 12\})$	113218560
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4^3, 6, 12\})$	995328
12	$\mathcal{O}(2; \{2^6, 3^5, 4^3, 6, 12\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^8, 4^3, 6, 12\})$	56733696
12	$\mathcal{O}(2; \{2^7, 3^2, 4^5, 6, 12\})$	3981312
12	$\mathcal{O}(2; \{2^3, 3^5, 4^5, 6, 12\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3^2, 4^7, 6, 12\})$	15925248
12	$\mathcal{O}(2; \{3^5, 4^7, 6, 12\})$	111476736
12	$\mathcal{O}(2; \{2, 3^2, 4^9, 6, 12\})$	63700992
12	$\mathcal{O}(2; \{2^{14}, 4, 6^2, 12\})$	82944
12	$\mathcal{O}(2; \{2^{10}, 3^3, 4, 6^2, 12\})$	912384
12	$\mathcal{O}(2; \{2^6, 3^6, 4, 6^2, 12\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^9, 4, 6^2, 12\})$	56650752

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^{11}, 4^3, 6^2, 12\})$	331776
12	$\mathcal{O}(2; \{2^7, 3^3, 4^3, 6^2, 12\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^6, 4^3, 6^2, 12\})$	28200960
12	$\mathcal{O}(2; \{2^8, 4^5, 6^2, 12\})$	1327104
12	$\mathcal{O}(2; \{2^4, 3^3, 4^5, 6^2, 12\})$	14598144
12	$\mathcal{O}(2; \{3^6, 4^5, 6^2, 12\})$	112803840
12	$\mathcal{O}(2; \{2^5, 4^7, 6^2, 12\})$	5308416
12	$\mathcal{O}(2; \{2, 3^3, 4^7, 6^2, 12\})$	58392576
12	$\mathcal{O}(2; \{2^2, 4^9, 6^2, 12\})$	21233664
12	$\mathcal{O}(2; \{2^{11}, 3, 4, 6^3, 12\})$	414720
12	$\mathcal{O}(2; \{2^7, 3^4, 4, 6^3, 12\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^7, 4, 6^3, 12\})$	28283904
12	$\mathcal{O}(2; \{2^8, 3, 4^3, 6^3, 12\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3^4, 4^3, 6^3, 12\})$	14266368
12	$\mathcal{O}(2; \{3^7, 4^3, 6^3, 12\})$	113135616
12	$\mathcal{O}(2; \{2^5, 3, 4^5, 6^3, 12\})$	6635520
12	$\mathcal{O}(2; \{2, 3^4, 4^5, 6^3, 12\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3, 4^7, 6^3, 12\})$	26542080
12	$\mathcal{O}(2; \{2^8, 3^2, 4, 6^4, 12\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^5, 4, 6^4, 12\})$	14183424
12	$\mathcal{O}(2; \{3^8, 4, 6^4, 12\})$	113218560
12	$\mathcal{O}(2; \{2^5, 3^2, 4^3, 6^4, 12\})$	6967296
12	$\mathcal{O}(2; \{2, 3^5, 4^3, 6^4, 12\})$	56733696
12	$\mathcal{O}(2; \{2^2, 3^2, 4^5, 6^4, 12\})$	27869184
12	$\mathcal{O}(2; \{2^9, 4, 6^5, 12\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^3, 4, 6^5, 12\})$	7050240
12	$\mathcal{O}(2; \{2, 3^6, 4, 6^5, 12\})$	56650752
12	$\mathcal{O}(2; \{2^6, 4^3, 6^5, 12\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^3, 4^3, 6^5, 12\})$	28200960
12	$\mathcal{O}(2; \{2^3, 4^5, 6^5, 12\})$	14598144
12	$\mathcal{O}(2; \{4^7, 6^5, 12\})$	58392576
12	$\mathcal{O}(2; \{2^6, 3, 4, 6^6, 12\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^4, 4, 6^6, 12\})$	28283904
12	$\mathcal{O}(2; \{2^3, 3, 4^3, 6^6, 12\})$	14266368
12	$\mathcal{O}(2; \{3, 4^5, 6^6, 12\})$	57065472
12	$\mathcal{O}(2; \{2^3, 3^2, 4, 6^7, 12\})$	14183424
12	$\mathcal{O}(2; \{3^2, 4^3, 6^7, 12\})$	56733696
12	$\mathcal{O}(2; \{2^4, 4, 6^8, 12\})$	7050240
12	$\mathcal{O}(2; \{3^3, 4, 6^8, 12\})$	56650752
12	$\mathcal{O}(2; \{2, 4^3, 6^8, 12\})$	28200960
12	$\mathcal{O}(2; \{2, 3, 4, 6^9, 12\})$	28283904
12	$\mathcal{O}(2; \{2^{17}, 12^2\})$	82944
12	$\mathcal{O}(2; \{2^{13}, 3^3, 12^2\})$	414720

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^9, 3^6, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^5, 3^9, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2, 3^{12}, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2^{14}, 4^2, 12^2\})$	331776
12	$\mathcal{O}(2; \{2^{10}, 3^3, 4^2, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^6, 3^6, 4^2, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^9, 4^2, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^{11}, 4^4, 12^2\})$	1327104
12	$\mathcal{O}(2; \{2^7, 3^3, 4^4, 12^2\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3^6, 4^4, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^8, 4^6, 12^2\})$	5308416
12	$\mathcal{O}(2; \{2^4, 3^3, 4^6, 12^2\})$	26542080
12	$\mathcal{O}(2; \{3^6, 4^6, 12^2\})$	228261888
12	$\mathcal{O}(2; \{2^5, 4^8, 12^2\})$	21233664
12	$\mathcal{O}(2; \{2, 3^3, 4^8, 12^2\})$	106168320
12	$\mathcal{O}(2; \{2^2, 4^{10}, 12^2\})$	84934656
12	$\mathcal{O}(2; \{2^{14}, 3, 6, 12^2\})$	248832
12	$\mathcal{O}(2; \{2^{10}, 3^4, 6, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^6, 3^7, 6, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3^{10}, 6, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^{11}, 3, 4^2, 6, 12^2\})$	995328
12	$\mathcal{O}(2; \{2^7, 3^4, 4^2, 6, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^7, 4^2, 6, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^8, 3, 4^4, 6, 12^2\})$	3981312
12	$\mathcal{O}(2; \{2^4, 3^4, 4^4, 6, 12^2\})$	27869184
12	$\mathcal{O}(2; \{3^7, 4^4, 6, 12^2\})$	226934784
12	$\mathcal{O}(2; \{2^5, 3, 4^6, 6, 12^2\})$	15925248
12	$\mathcal{O}(2; \{2, 3^4, 4^6, 6, 12^2\})$	111476736
12	$\mathcal{O}(2; \{2^2, 3, 4^8, 6, 12^2\})$	63700992
12	$\mathcal{O}(2; \{2^{11}, 3^2, 6^2, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^7, 3^5, 6^2, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3^8, 6^2, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^8, 3^2, 4^2, 6^2, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^5, 4^2, 6^2, 12^2\})$	28200960
12	$\mathcal{O}(2; \{3^8, 4^2, 6^2, 12^2\})$	226603008
12	$\mathcal{O}(2; \{2^5, 3^2, 4^4, 6^2, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2, 3^5, 4^4, 6^2, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3^2, 4^6, 6^2, 12^2\})$	58392576
12	$\mathcal{O}(2; \{2^{12}, 6^3, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^8, 3^3, 6^3, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3^6, 6^3, 12^2\})$	28283904
12	$\mathcal{O}(2; \{3^9, 6^3, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2^9, 4^2, 6^3, 12^2\})$	1658880

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^5, 3^3, 4^2, 6^3, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2, 3^6, 4^2, 6^3, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^6, 4^4, 6^3, 12^2\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^3, 4^4, 6^3, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^3, 4^6, 6^3, 12^2\})$	26542080
12	$\mathcal{O}(2; \{4^8, 6^3, 12^2\})$	106168320
12	$\mathcal{O}(2; \{2^9, 3, 6^4, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^4, 6^4, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2, 3^7, 6^4, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^6, 3, 4^2, 6^4, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^4, 4^2, 6^4, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^3, 3, 4^4, 6^4, 12^2\})$	27869184
12	$\mathcal{O}(2; \{3, 4^6, 6^4, 12^2\})$	111476736
12	$\mathcal{O}(2; \{2^6, 3^2, 6^5, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^5, 6^5, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^3, 3^2, 4^2, 6^5, 12^2\})$	28200960
12	$\mathcal{O}(2; \{3^2, 4^4, 6^5, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^7, 6^6, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^3, 6^6, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^4, 4^2, 6^6, 12^2\})$	14266368
12	$\mathcal{O}(2; \{3^3, 4^2, 6^6, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2, 4^4, 6^6, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^4, 3, 6^7, 12^2\})$	14183424
12	$\mathcal{O}(2; \{3^4, 6^7, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2, 3, 4^2, 6^7, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2, 3^2, 6^8, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^2, 6^9, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^{11}, 3^2, 4, 12^3\})$	1658880
12	$\mathcal{O}(2; \{2^7, 3^5, 4, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3^8, 4, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^8, 3^2, 4^3, 12^3\})$	6635520
12	$\mathcal{O}(2; \{2^4, 3^5, 4^3, 12^3\})$	57065472
12	$\mathcal{O}(2; \{3^8, 4^3, 12^3\})$	452542464
12	$\mathcal{O}(2; \{2^5, 3^2, 4^5, 12^3\})$	26542080
12	$\mathcal{O}(2; \{2, 3^5, 4^5, 12^3\})$	228261888
12	$\mathcal{O}(2; \{2^2, 3^2, 4^7, 12^3\})$	106168320
12	$\mathcal{O}(2; \{2^{12}, 4, 6, 12^3\})$	995328
12	$\mathcal{O}(2; \{2^8, 3^3, 4, 6, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^6, 4, 6, 12^3\})$	56733696
12	$\mathcal{O}(2; \{3^9, 4, 6, 12^3\})$	452874240
12	$\mathcal{O}(2; \{2^9, 4^3, 6, 12^3\})$	3981312
12	$\mathcal{O}(2; \{2^5, 3^3, 4^3, 6, 12^3\})$	27869184
12	$\mathcal{O}(2; \{2, 3^6, 4^3, 6, 12^3\})$	226934784

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^6, 4^5, 6, 12^3\})$	15925248
12	$\mathcal{O}(2; \{2^2, 3^3, 4^5, 6, 12^3\})$	111476736
12	$\mathcal{O}(2; \{2^3, 4^7, 6, 12^3\})$	63700992
12	$\mathcal{O}(2; \{4^9, 6, 12^3\})$	254803968
12	$\mathcal{O}(2; \{2^9, 3, 4, 6^2, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^5, 3^4, 4, 6^2, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2, 3^7, 4, 6^2, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^6, 3, 4^3, 6^2, 12^3\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3^4, 4^3, 6^2, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^3, 3, 4^5, 6^2, 12^3\})$	58392576
12	$\mathcal{O}(2; \{3, 4^7, 6^2, 12^3\})$	233570304
12	$\mathcal{O}(2; \{2^6, 3^2, 4, 6^3, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^5, 4, 6^3, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^3, 3^2, 4^3, 6^3, 12^3\})$	57065472
12	$\mathcal{O}(2; \{3^2, 4^5, 6^3, 12^3\})$	228261888
12	$\mathcal{O}(2; \{2^7, 4, 6^4, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^3, 4, 6^4, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^4, 4^3, 6^4, 12^3\})$	27869184
12	$\mathcal{O}(2; \{3^3, 4^3, 6^4, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2, 4^5, 6^4, 12^3\})$	111476736
12	$\mathcal{O}(2; \{2^4, 3, 4, 6^5, 12^3\})$	28200960
12	$\mathcal{O}(2; \{3^4, 4, 6^5, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2, 3, 4^3, 6^5, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2, 3^2, 4, 6^6, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^2, 4, 6^7, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^{12}, 3, 12^4\})$	1658880
12	$\mathcal{O}(2; \{2^8, 3^4, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^4, 3^7, 12^4\})$	113135616
12	$\mathcal{O}(2; \{3^{10}, 12^4\})$	906080256
12	$\mathcal{O}(2; \{2^9, 3, 4^2, 12^4\})$	6635520
12	$\mathcal{O}(2; \{2^5, 3^4, 4^2, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2, 3^7, 4^2, 12^4\})$	452542464
12	$\mathcal{O}(2; \{2^6, 3, 4^4, 12^4\})$	26542080
12	$\mathcal{O}(2; \{2^2, 3^4, 4^4, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2^3, 3, 4^6, 12^4\})$	106168320
12	$\mathcal{O}(2; \{3, 4^8, 12^4\})$	424673280
12	$\mathcal{O}(2; \{2^9, 3^2, 6, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^5, 3^5, 6, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2, 3^8, 6, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2^6, 3^2, 4^2, 6, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^5, 4^2, 6, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^3, 3^2, 4^4, 6, 12^4\})$	111476736
12	$\mathcal{O}(2; \{3^2, 4^6, 6, 12^4\})$	445906944

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^{10}, 6^2, 12^4\})$	3649536
12	$\mathcal{O}(2; \{2^6, 3^3, 6^2, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^6, 6^2, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^7, 4^2, 6^2, 12^4\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3^3, 4^2, 6^2, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2^4, 4^4, 6^2, 12^4\})$	58392576
12	$\mathcal{O}(2; \{3^3, 4^4, 6^2, 12^4\})$	451215360
12	$\mathcal{O}(2; \{2, 4^6, 6^2, 12^4\})$	233570304
12	$\mathcal{O}(2; \{2^7, 3, 6^3, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3^4, 6^3, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^4, 3, 4^2, 6^3, 12^4\})$	57065472
12	$\mathcal{O}(2; \{3^4, 4^2, 6^3, 12^4\})$	452542464
12	$\mathcal{O}(2; \{2, 3, 4^4, 6^3, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2^4, 3^2, 6^4, 12^4\})$	56733696
12	$\mathcal{O}(2; \{3^5, 6^4, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2, 3^2, 4^2, 6^4, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^5, 6^5, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2, 3^3, 6^5, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^2, 4^2, 6^5, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3, 6^6, 12^4\})$	113135616
12	$\mathcal{O}(2; \{6^8, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^{10}, 4, 12^5\})$	6635520
12	$\mathcal{O}(2; \{2^6, 3^3, 4, 12^5\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3^6, 4, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^7, 4^3, 12^5\})$	26542080
12	$\mathcal{O}(2; \{2^3, 3^3, 4^3, 12^5\})$	228261888
12	$\mathcal{O}(2; \{2^4, 4^5, 12^5\})$	106168320
12	$\mathcal{O}(2; \{3^3, 4^5, 12^5\})$	913047552
12	$\mathcal{O}(2; \{2, 4^7, 12^5\})$	424673280
12	$\mathcal{O}(2; \{2^7, 3, 4, 6, 12^5\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^4, 4, 6, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2^4, 3, 4^3, 6, 12^5\})$	111476736
12	$\mathcal{O}(2; \{3^4, 4^3, 6, 12^5\})$	907739136
12	$\mathcal{O}(2; \{2, 3, 4^5, 6, 12^5\})$	445906944
12	$\mathcal{O}(2; \{2^4, 3^2, 4, 6^2, 12^5\})$	112803840
12	$\mathcal{O}(2; \{3^5, 4, 6^2, 12^5\})$	906412032
12	$\mathcal{O}(2; \{2, 3^2, 4^3, 6^2, 12^5\})$	451215360
12	$\mathcal{O}(2; \{2^5, 4, 6^3, 12^5\})$	57065472
12	$\mathcal{O}(2; \{2, 3^3, 4, 6^3, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^2, 4^3, 6^3, 12^5\})$	228261888
12	$\mathcal{O}(2; \{2^2, 3, 4, 6^4, 12^5\})$	226934784
12	$\mathcal{O}(2; \{4, 6^6, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^7, 3^2, 12^6\})$	57065472

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^3, 3^5, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2^4, 3^2, 4^2, 12^6\})$	228261888
12	$\mathcal{O}(2; \{3^5, 4^2, 12^6\})$	1810169856
12	$\mathcal{O}(2; \{2, 3^2, 4^4, 12^6\})$	913047552
12	$\mathcal{O}(2; \{2^8, 6, 12^6\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3^3, 6, 12^6\})$	226934784
12	$\mathcal{O}(2; \{3^6, 6, 12^6\})$	1811496960
12	$\mathcal{O}(2; \{2^5, 4^2, 6, 12^6\})$	111476736
12	$\mathcal{O}(2; \{2, 3^3, 4^2, 6, 12^6\})$	907739136
12	$\mathcal{O}(2; \{2^2, 4^4, 6, 12^6\})$	445906944
12	$\mathcal{O}(2; \{2^5, 3, 6^2, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2, 3^4, 6^2, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^2, 3, 4^2, 6^2, 12^6\})$	451215360
12	$\mathcal{O}(2; \{2^2, 3^2, 6^3, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2^3, 6^4, 12^6\})$	226934784
12	$\mathcal{O}(2; \{4^2, 6^4, 12^6\})$	907739136
12	$\mathcal{O}(2; \{3, 6^5, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^5, 3, 4, 12^7\})$	228261888
12	$\mathcal{O}(2; \{2, 3^4, 4, 12^7\})$	1810169856
12	$\mathcal{O}(2; \{2^2, 3, 4^3, 12^7\})$	913047552
12	$\mathcal{O}(2; \{2^2, 3^2, 4, 6, 12^7\})$	907739136
12	$\mathcal{O}(2; \{2^3, 4, 6^2, 12^7\})$	451215360
12	$\mathcal{O}(2; \{4^3, 6^2, 12^7\})$	1804861440
12	$\mathcal{O}(2; \{3, 4, 6^3, 12^7\})$	1810169856
12	$\mathcal{O}(2; \{2^6, 12^8\})$	228261888
12	$\mathcal{O}(2; \{2^2, 3^3, 12^8\})$	1810169856
12	$\mathcal{O}(2; \{2^3, 4^2, 12^8\})$	913047552
12	$\mathcal{O}(2; \{4^4, 12^8\})$	3652190208
12	$\mathcal{O}(2; \{2^3, 3, 6, 12^8\})$	907739136
12	$\mathcal{O}(2; \{3, 4^2, 6, 12^8\})$	3630956544
12	$\mathcal{O}(2; \{3^2, 6^2, 12^8\})$	3625648128
12	$\mathcal{O}(2; \{2, 6^3, 12^8\})$	1810169856
12	$\mathcal{O}(2; \{3^2, 4, 12^9\})$	7240679424
12	$\mathcal{O}(2; \{2, 4, 6, 12^9\})$	3630956544
12	$\mathcal{O}(2; \{2, 3, 12^{10}\})$	7240679424
12	$\mathcal{O}(1; \{2^{22}, 3^2\})$	216
12	$\mathcal{O}(1; \{2^{18}, 3^5\})$	1080
12	$\mathcal{O}(1; \{2^{14}, 3^8\})$	9288
12	$\mathcal{O}(1; \{2^{10}, 3^{11}\})$	73656
12	$\mathcal{O}(1; \{2^6, 3^{14}\})$	589896
12	$\mathcal{O}(1; \{2^2, 3^{17}\})$	4718520
12	$\mathcal{O}(1; \{2^{19}, 3^2, 4^2\})$	576
12	$\mathcal{O}(1; \{2^{15}, 3^5, 4^2\})$	2880

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{11}, 3^8, 4^2\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^{11}, 4^2\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^{14}, 4^2\})$	1573056
12	$\mathcal{O}(1; \{2^{16}, 3^2, 4^4\})$	2304
12	$\mathcal{O}(1; \{2^{12}, 3^5, 4^4\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^8, 4^4\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^{11}, 4^4\})$	785664
12	$\mathcal{O}(1; \{3^{14}, 4^4\})$	6292224
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^6\})$	9216
12	$\mathcal{O}(1; \{2^9, 3^5, 4^6\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^8, 4^6\})$	396288
12	$\mathcal{O}(1; \{2, 3^{11}, 4^6\})$	3142656
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^8\})$	36864
12	$\mathcal{O}(1; \{2^6, 3^5, 4^8\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^8, 4^8\})$	1585152
12	$\mathcal{O}(1; \{2^7, 3^2, 4^{10}\})$	147456
12	$\mathcal{O}(1; \{2^3, 3^5, 4^{10}\})$	737280
12	$\mathcal{O}(1; \{2^4, 3^2, 4^{12}\})$	589824
12	$\mathcal{O}(1; \{3^5, 4^{12}\})$	2949120
12	$\mathcal{O}(1; \{2, 3^2, 4^{14}\})$	2359296
12	$\mathcal{O}(1; \{2^{19}, 3^3, 6\})$	648
12	$\mathcal{O}(1; \{2^{15}, 3^6, 6\})$	4536
12	$\mathcal{O}(1; \{2^{11}, 3^9, 6\})$	36936
12	$\mathcal{O}(1; \{2^7, 3^{12}, 6\})$	294840
12	$\mathcal{O}(1; \{2^3, 3^{15}, 6\})$	2359368
12	$\mathcal{O}(1; \{2^{16}, 3^3, 4^2, 6\})$	1728
12	$\mathcal{O}(1; \{2^{12}, 3^6, 4^2, 6\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^9, 4^2, 6\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^{12}, 4^2, 6\})$	786240
12	$\mathcal{O}(1; \{3^{15}, 4^2, 6\})$	6291648
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4^4, 6\})$	6912
12	$\mathcal{O}(1; \{2^9, 3^6, 4^4, 6\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^9, 4^4, 6\})$	393984
12	$\mathcal{O}(1; \{2, 3^{12}, 4^4, 6\})$	3144960
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^6, 6\})$	27648
12	$\mathcal{O}(1; \{2^6, 3^6, 4^6, 6\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^9, 4^6, 6\})$	1575936
12	$\mathcal{O}(1; \{2^7, 3^3, 4^8, 6\})$	110592
12	$\mathcal{O}(1; \{2^3, 3^6, 4^8, 6\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^3, 4^{10}, 6\})$	442368
12	$\mathcal{O}(1; \{3^6, 4^{10}, 6\})$	3096576
12	$\mathcal{O}(1; \{2, 3^3, 4^{12}, 6\})$	1769472
12	$\mathcal{O}(1; \{2^{20}, 3, 6^2\})$	216

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{16}, 3^4, 6^2\})$	2376
12	$\mathcal{O}(1; \{2^{12}, 3^7, 6^2\})$	18360
12	$\mathcal{O}(1; \{2^8, 3^{10}, 6^2\})$	147528
12	$\mathcal{O}(1; \{2^4, 3^{13}, 6^2\})$	1179576
12	$\mathcal{O}(1; \{3^{16}, 6^2\})$	9437256
12	$\mathcal{O}(1; \{2^{17}, 3, 4^2, 6^2\})$	576
12	$\mathcal{O}(1; \{2^{13}, 3^4, 4^2, 6^2\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^7, 4^2, 6^2\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^{10}, 4^2, 6^2\})$	393408
12	$\mathcal{O}(1; \{2, 3^{13}, 4^2, 6^2\})$	3145536
12	$\mathcal{O}(1; \{2^{14}, 3, 4^4, 6^2\})$	2304
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^4, 6^2\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^7, 4^4, 6^2\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^4, 6^2\})$	1573632
12	$\mathcal{O}(1; \{2^{11}, 3, 4^6, 6^2\})$	9216
12	$\mathcal{O}(1; \{2^7, 3^4, 4^6, 6^2\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^7, 4^6, 6^2\})$	783360
12	$\mathcal{O}(1; \{2^8, 3, 4^8, 6^2\})$	36864
12	$\mathcal{O}(1; \{2^4, 3^4, 4^8, 6^2\})$	405504
12	$\mathcal{O}(1; \{3^7, 4^8, 6^2\})$	3133440
12	$\mathcal{O}(1; \{2^5, 3, 4^{10}, 6^2\})$	147456
12	$\mathcal{O}(1; \{2, 3^4, 4^{10}, 6^2\})$	1622016
12	$\mathcal{O}(1; \{2^2, 3, 4^{12}, 6^2\})$	589824
12	$\mathcal{O}(1; \{2^{17}, 3^2, 6^3\})$	1080
12	$\mathcal{O}(1; \{2^{13}, 3^5, 6^3\})$	9288
12	$\mathcal{O}(1; \{2^9, 3^8, 6^3\})$	73656
12	$\mathcal{O}(1; \{2^5, 3^{11}, 6^3\})$	589896
12	$\mathcal{O}(1; \{2, 3^{14}, 6^3\})$	4718520
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4^2, 6^3\})$	2880
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4^2, 6^3\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^8, 4^2, 6^3\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4^2, 6^3\})$	1573056
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^4, 6^3\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^5, 4^4, 6^3\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^8, 4^4, 6^3\})$	785664
12	$\mathcal{O}(1; \{2^8, 3^2, 4^6, 6^3\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^5, 4^6, 6^3\})$	396288
12	$\mathcal{O}(1; \{3^8, 4^6, 6^3\})$	3142656
12	$\mathcal{O}(1; \{2^5, 3^2, 4^8, 6^3\})$	184320
12	$\mathcal{O}(1; \{2, 3^5, 4^8, 6^3\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^2, 4^{10}, 6^3\})$	737280
12	$\mathcal{O}(1; \{2^{18}, 6^4\})$	648
12	$\mathcal{O}(1; \{2^{14}, 3^3, 6^4\})$	4536

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{10}, 3^6, 6^4\})$	36936
12	$\mathcal{O}(1; \{2^6, 3^9, 6^4\})$	294840
12	$\mathcal{O}(1; \{2^2, 3^{12}, 6^4\})$	2359368
12	$\mathcal{O}(1; \{2^{15}, 4^2, 6^4\})$	1728
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^2, 6^4\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^6, 4^2, 6^4\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^9, 4^2, 6^4\})$	786240
12	$\mathcal{O}(1; \{2^{12}, 4^4, 6^4\})$	6912
12	$\mathcal{O}(1; \{2^8, 3^3, 4^4, 6^4\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^6, 4^4, 6^4\})$	393984
12	$\mathcal{O}(1; \{3^9, 4^4, 6^4\})$	3144960
12	$\mathcal{O}(1; \{2^9, 4^6, 6^4\})$	27648
12	$\mathcal{O}(1; \{2^5, 3^3, 4^6, 6^4\})$	193536
12	$\mathcal{O}(1; \{2, 3^6, 4^6, 6^4\})$	1575936
12	$\mathcal{O}(1; \{2^6, 4^8, 6^4\})$	110592
12	$\mathcal{O}(1; \{2^2, 3^3, 4^8, 6^4\})$	774144
12	$\mathcal{O}(1; \{2^3, 4^{10}, 6^4\})$	442368
12	$\mathcal{O}(1; \{4^{12}, 6^4\})$	1769472
12	$\mathcal{O}(1; \{2^{15}, 3, 6^5\})$	2376
12	$\mathcal{O}(1; \{2^{11}, 3^4, 6^5\})$	18360
12	$\mathcal{O}(1; \{2^7, 3^7, 6^5\})$	147528
12	$\mathcal{O}(1; \{2^3, 3^{10}, 6^5\})$	1179576
12	$\mathcal{O}(1; \{2^{12}, 3, 4^2, 6^5\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^4, 4^2, 6^5\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^7, 4^2, 6^5\})$	393408
12	$\mathcal{O}(1; \{3^{10}, 4^2, 6^5\})$	3145536
12	$\mathcal{O}(1; \{2^9, 3, 4^4, 6^5\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^4, 4^4, 6^5\})$	195840
12	$\mathcal{O}(1; \{2, 3^7, 4^4, 6^5\})$	1573632
12	$\mathcal{O}(1; \{2^6, 3, 4^6, 6^5\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^4, 4^6, 6^5\})$	783360
12	$\mathcal{O}(1; \{2^3, 3, 4^8, 6^5\})$	405504
12	$\mathcal{O}(1; \{3, 4^{10}, 6^5\})$	1622016
12	$\mathcal{O}(1; \{2^{12}, 3^2, 6^6\})$	9288
12	$\mathcal{O}(1; \{2^8, 3^5, 6^6\})$	73656
12	$\mathcal{O}(1; \{2^4, 3^8, 6^6\})$	589896
12	$\mathcal{O}(1; \{3^{11}, 6^6\})$	4718520
12	$\mathcal{O}(1; \{2^9, 3^2, 4^2, 6^6\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^5, 4^2, 6^6\})$	196416
12	$\mathcal{O}(1; \{2, 3^8, 4^2, 6^6\})$	1573056
12	$\mathcal{O}(1; \{2^6, 3^2, 4^4, 6^6\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^5, 4^4, 6^6\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^2, 4^6, 6^6\})$	396288

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^2, 4^8, 6^6\})$	1585152
12	$\mathcal{O}(1; \{2^{13}, 6^7\})$	4536
12	$\mathcal{O}(1; \{2^9, 3^3, 6^7\})$	36936
12	$\mathcal{O}(1; \{2^5, 3^6, 6^7\})$	294840
12	$\mathcal{O}(1; \{2, 3^9, 6^7\})$	2359368
12	$\mathcal{O}(1; \{2^{10}, 4^2, 6^7\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^3, 4^2, 6^7\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^6, 4^2, 6^7\})$	786240
12	$\mathcal{O}(1; \{2^7, 4^4, 6^7\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^3, 4^4, 6^7\})$	393984
12	$\mathcal{O}(1; \{2^4, 4^6, 6^7\})$	193536
12	$\mathcal{O}(1; \{3^3, 4^6, 6^7\})$	1575936
12	$\mathcal{O}(1; \{2, 4^8, 6^7\})$	774144
12	$\mathcal{O}(1; \{2^{10}, 3, 6^8\})$	18360
12	$\mathcal{O}(1; \{2^6, 3^4, 6^8\})$	147528
12	$\mathcal{O}(1; \{2^2, 3^7, 6^8\})$	1179576
12	$\mathcal{O}(1; \{2^7, 3, 4^2, 6^8\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^4, 4^2, 6^8\})$	393408
12	$\mathcal{O}(1; \{2^4, 3, 4^4, 6^8\})$	195840
12	$\mathcal{O}(1; \{3^4, 4^4, 6^8\})$	1573632
12	$\mathcal{O}(1; \{2, 3, 4^6, 6^8\})$	783360
12	$\mathcal{O}(1; \{2^7, 3^2, 6^9\})$	73656
12	$\mathcal{O}(1; \{2^3, 3^5, 6^9\})$	589896
12	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 6^9\})$	196416
12	$\mathcal{O}(1; \{3^5, 4^2, 6^9\})$	1573056
12	$\mathcal{O}(1; \{2, 3^2, 4^4, 6^9\})$	785664
12	$\mathcal{O}(1; \{2^8, 6^{10}\})$	36936
12	$\mathcal{O}(1; \{2^4, 3^3, 6^{10}\})$	294840
12	$\mathcal{O}(1; \{3^6, 6^{10}\})$	2359368
12	$\mathcal{O}(1; \{2^5, 4^2, 6^{10}\})$	98496
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 6^{10}\})$	786240
12	$\mathcal{O}(1; \{2^2, 4^4, 6^{10}\})$	393984
12	$\mathcal{O}(1; \{2^5, 3, 6^{11}\})$	147528
12	$\mathcal{O}(1; \{2, 3^4, 6^{11}\})$	1179576
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^{11}\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^2, 6^{12}\})$	589896
12	$\mathcal{O}(1; \{2^3, 6^{13}\})$	294840
12	$\mathcal{O}(1; \{4^2, 6^{13}\})$	786240
12	$\mathcal{O}(1; \{3, 6^{14}\})$	1179576
12	$\mathcal{O}(1; \{2^{20}, 3, 4, 12\})$	576
12	$\mathcal{O}(1; \{2^{16}, 3^4, 4, 12\})$	2880
12	$\mathcal{O}(1; \{2^{12}, 3^7, 4, 12\})$	24768
12	$\mathcal{O}(1; \{2^8, 3^{10}, 4, 12\})$	196416

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^4, 3^{13}, 4, 12\})$	1573056
12	$\mathcal{O}(1; \{3^{16}, 4, 12\})$	12582720
12	$\mathcal{O}(1; \{2^{17}, 3, 4^3, 12\})$	2304
12	$\mathcal{O}(1; \{2^{13}, 3^4, 4^3, 12\})$	11520
12	$\mathcal{O}(1; \{2^9, 3^7, 4^3, 12\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^{10}, 4^3, 12\})$	785664
12	$\mathcal{O}(1; \{2, 3^{13}, 4^3, 12\})$	6292224
12	$\mathcal{O}(1; \{2^{14}, 3, 4^5, 12\})$	9216
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^5, 12\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^7, 4^5, 12\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^5, 12\})$	3142656
12	$\mathcal{O}(1; \{2^{11}, 3, 4^7, 12\})$	36864
12	$\mathcal{O}(1; \{2^7, 3^4, 4^7, 12\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^7, 4^7, 12\})$	1585152
12	$\mathcal{O}(1; \{2^8, 3, 4^9, 12\})$	147456
12	$\mathcal{O}(1; \{2^4, 3^4, 4^9, 12\})$	737280
12	$\mathcal{O}(1; \{3^7, 4^9, 12\})$	6340608
12	$\mathcal{O}(1; \{2^5, 3, 4^{11}, 12\})$	589824
12	$\mathcal{O}(1; \{2, 3^4, 4^{11}, 12\})$	2949120
12	$\mathcal{O}(1; \{2^2, 3, 4^{13}, 12\})$	2359296
12	$\mathcal{O}(1; \{2^{17}, 3^2, 4, 6, 12\})$	1728
12	$\mathcal{O}(1; \{2^{13}, 3^5, 4, 6, 12\})$	12096
12	$\mathcal{O}(1; \{2^9, 3^8, 4, 6, 12\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^{11}, 4, 6, 12\})$	786240
12	$\mathcal{O}(1; \{2, 3^{14}, 4, 6, 12\})$	6291648
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4^3, 6, 12\})$	6912
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4^3, 6, 12\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^8, 4^3, 6, 12\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4^3, 6, 12\})$	3144960
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^5, 6, 12\})$	27648
12	$\mathcal{O}(1; \{2^7, 3^5, 4^5, 6, 12\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^8, 4^5, 6, 12\})$	1575936
12	$\mathcal{O}(1; \{2^8, 3^2, 4^7, 6, 12\})$	110592
12	$\mathcal{O}(1; \{2^4, 3^5, 4^7, 6, 12\})$	774144
12	$\mathcal{O}(1; \{3^8, 4^7, 6, 12\})$	6303744
12	$\mathcal{O}(1; \{2^5, 3^2, 4^9, 6, 12\})$	442368
12	$\mathcal{O}(1; \{2, 3^5, 4^9, 6, 12\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3^2, 4^{11}, 6, 12\})$	1769472
12	$\mathcal{O}(1; \{2^{18}, 4, 6^2, 12\})$	576
12	$\mathcal{O}(1; \{2^{14}, 3^3, 4, 6^2, 12\})$	6336
12	$\mathcal{O}(1; \{2^{10}, 3^6, 4, 6^2, 12\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^9, 4, 6^2, 12\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^{12}, 4, 6^2, 12\})$	3145536

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{15}, 4^3, 6^2, 12\})$	2304
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^3, 6^2, 12\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^6, 4^3, 6^2, 12\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^9, 4^3, 6^2, 12\})$	1573632
12	$\mathcal{O}(1; \{2^{12}, 4^5, 6^2, 12\})$	9216
12	$\mathcal{O}(1; \{2^8, 3^3, 4^5, 6^2, 12\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^6, 4^5, 6^2, 12\})$	783360
12	$\mathcal{O}(1; \{3^9, 4^5, 6^2, 12\})$	6294528
12	$\mathcal{O}(1; \{2^9, 4^7, 6^2, 12\})$	36864
12	$\mathcal{O}(1; \{2^5, 3^3, 4^7, 6^2, 12\})$	405504
12	$\mathcal{O}(1; \{2, 3^6, 4^7, 6^2, 12\})$	3133440
12	$\mathcal{O}(1; \{2^6, 4^9, 6^2, 12\})$	147456
12	$\mathcal{O}(1; \{2^2, 3^3, 4^9, 6^2, 12\})$	1622016
12	$\mathcal{O}(1; \{2^3, 4^{11}, 6^2, 12\})$	589824
12	$\mathcal{O}(1; \{4^{13}, 6^2, 12\})$	2359296
12	$\mathcal{O}(1; \{2^{15}, 3, 4, 6^3, 12\})$	2880
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4, 6^3, 12\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^7, 4, 6^3, 12\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4, 6^3, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{12}, 3, 4^3, 6^3, 12\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^4, 4^3, 6^3, 12\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^7, 4^3, 6^3, 12\})$	785664
12	$\mathcal{O}(1; \{3^{10}, 4^3, 6^3, 12\})$	6292224
12	$\mathcal{O}(1; \{2^9, 3, 4^5, 6^3, 12\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^4, 4^5, 6^3, 12\})$	396288
12	$\mathcal{O}(1; \{2, 3^7, 4^5, 6^3, 12\})$	3142656
12	$\mathcal{O}(1; \{2^6, 3, 4^7, 6^3, 12\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^4, 4^7, 6^3, 12\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3, 4^9, 6^3, 12\})$	737280
12	$\mathcal{O}(1; \{3, 4^{11}, 6^3, 12\})$	2949120
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4, 6^4, 12\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^5, 4, 6^4, 12\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^8, 4, 6^4, 12\})$	786240
12	$\mathcal{O}(1; \{3^{11}, 4, 6^4, 12\})$	6291648
12	$\mathcal{O}(1; \{2^9, 3^2, 4^3, 6^4, 12\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^5, 4^3, 6^4, 12\})$	393984
12	$\mathcal{O}(1; \{2, 3^8, 4^3, 6^4, 12\})$	3144960
12	$\mathcal{O}(1; \{2^6, 3^2, 4^5, 6^4, 12\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^5, 4^5, 6^4, 12\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^2, 4^7, 6^4, 12\})$	774144
12	$\mathcal{O}(1; \{3^2, 4^9, 6^4, 12\})$	3096576
12	$\mathcal{O}(1; \{2^{13}, 4, 6^5, 12\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^3, 4, 6^5, 12\})$	48960

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^5, 3^6, 4, 6^5, 12\})$	393408
12	$\mathcal{O}(1; \{2, 3^9, 4, 6^5, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{10}, 4^3, 6^5, 12\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^3, 4^3, 6^5, 12\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^6, 4^3, 6^5, 12\})$	1573632
12	$\mathcal{O}(1; \{2^7, 4^5, 6^5, 12\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^3, 4^5, 6^5, 12\})$	783360
12	$\mathcal{O}(1; \{2^4, 4^7, 6^5, 12\})$	405504
12	$\mathcal{O}(1; \{3^3, 4^7, 6^5, 12\})$	3133440
12	$\mathcal{O}(1; \{2, 4^9, 6^5, 12\})$	1622016
12	$\mathcal{O}(1; \{2^{10}, 3, 4, 6^6, 12\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^4, 4, 6^6, 12\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^7, 4, 6^6, 12\})$	1573056
12	$\mathcal{O}(1; \{2^7, 3, 4^3, 6^6, 12\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^4, 4^3, 6^6, 12\})$	785664
12	$\mathcal{O}(1; \{2^4, 3, 4^5, 6^6, 12\})$	396288
12	$\mathcal{O}(1; \{3^4, 4^5, 6^6, 12\})$	3142656
12	$\mathcal{O}(1; \{2, 3, 4^7, 6^6, 12\})$	1585152
12	$\mathcal{O}(1; \{2^7, 3^2, 4, 6^7, 12\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^5, 4, 6^7, 12\})$	786240
12	$\mathcal{O}(1; \{2^4, 3^2, 4^3, 6^7, 12\})$	393984
12	$\mathcal{O}(1; \{3^5, 4^3, 6^7, 12\})$	3144960
12	$\mathcal{O}(1; \{2, 3^2, 4^5, 6^7, 12\})$	1575936
12	$\mathcal{O}(1; \{2^8, 4, 6^8, 12\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^3, 4, 6^8, 12\})$	393408
12	$\mathcal{O}(1; \{3^6, 4, 6^8, 12\})$	3145536
12	$\mathcal{O}(1; \{2^5, 4^3, 6^8, 12\})$	195840
12	$\mathcal{O}(1; \{2, 3^3, 4^3, 6^8, 12\})$	1573632
12	$\mathcal{O}(1; \{2^2, 4^5, 6^8, 12\})$	783360
12	$\mathcal{O}(1; \{2^5, 3, 4, 6^9, 12\})$	196416
12	$\mathcal{O}(1; \{2, 3^4, 4, 6^9, 12\})$	1573056
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 6^9, 12\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^{10}, 12\})$	786240
12	$\mathcal{O}(1; \{2^3, 4, 6^{11}, 12\})$	393408
12	$\mathcal{O}(1; \{4^3, 6^{11}, 12\})$	1573632
12	$\mathcal{O}(1; \{3, 4, 6^{12}, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{21}, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{17}, 3^3, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{13}, 3^6, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^9, 3^9, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^5, 3^{12}, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2, 3^{15}, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^{18}, 4^2, 12^2\})$	2304

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{14}, 3^3, 4^2, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^{10}, 3^6, 4^2, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^9, 4^2, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^{12}, 4^2, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^{15}, 4^4, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^4, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^7, 3^6, 4^4, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^9, 4^4, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^{12}, 4^6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^8, 3^3, 4^6, 12^2\})$	184320
12	$\mathcal{O}(1; \{2^4, 3^6, 4^6, 12^2\})$	1585152
12	$\mathcal{O}(1; \{3^9, 4^6, 12^2\})$	12570624
12	$\mathcal{O}(1; \{2^9, 4^8, 12^2\})$	147456
12	$\mathcal{O}(1; \{2^5, 3^3, 4^8, 12^2\})$	737280
12	$\mathcal{O}(1; \{2, 3^6, 4^8, 12^2\})$	6340608
12	$\mathcal{O}(1; \{2^6, 4^{10}, 12^2\})$	589824
12	$\mathcal{O}(1; \{2^2, 3^3, 4^{10}, 12^2\})$	2949120
12	$\mathcal{O}(1; \{2^3, 4^{12}, 12^2\})$	2359296
12	$\mathcal{O}(1; \{4^{14}, 12^2\})$	9437184
12	$\mathcal{O}(1; \{2^{18}, 3, 6, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{14}, 3^4, 6, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^{10}, 3^7, 6, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^6, 3^{10}, 6, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^2, 3^{13}, 6, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{15}, 3, 4^2, 6, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^2, 6, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^7, 4^2, 6, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^2, 6, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^{12}, 3, 4^4, 6, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^8, 3^4, 4^4, 6, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^7, 4^4, 6, 12^2\})$	1575936
12	$\mathcal{O}(1; \{3^{10}, 4^4, 6, 12^2\})$	12579840
12	$\mathcal{O}(1; \{2^9, 3, 4^6, 6, 12^2\})$	110592
12	$\mathcal{O}(1; \{2^5, 3^4, 4^6, 6, 12^2\})$	774144
12	$\mathcal{O}(1; \{2, 3^7, 4^6, 6, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^6, 3, 4^8, 6, 12^2\})$	442368
12	$\mathcal{O}(1; \{2^2, 3^4, 4^8, 6, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^3, 3, 4^{10}, 6, 12^2\})$	1769472
12	$\mathcal{O}(1; \{3, 4^{12}, 6, 12^2\})$	7077888
12	$\mathcal{O}(1; \{2^{15}, 3^2, 6^2, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^{11}, 3^5, 6^2, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^7, 3^8, 6^2, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^{11}, 6^2, 12^2\})$	3145536

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^2, 6^2, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^5, 4^2, 6^2, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^8, 4^2, 6^2, 12^2\})$	1573632
12	$\mathcal{O}(1; \{3^{11}, 4^2, 6^2, 12^2\})$	12582144
12	$\mathcal{O}(1; \{2^9, 3^2, 4^4, 6^2, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^5, 4^4, 6^2, 12^2\})$	783360
12	$\mathcal{O}(1; \{2, 3^8, 4^4, 6^2, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^6, 3^2, 4^6, 6^2, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^5, 4^6, 6^2, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3^2, 4^8, 6^2, 12^2\})$	1622016
12	$\mathcal{O}(1; \{3^2, 4^{10}, 6^2, 12^2\})$	6488064
12	$\mathcal{O}(1; \{2^{16}, 6^3, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{12}, 3^3, 6^3, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^8, 3^6, 6^3, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^9, 6^3, 12^2\})$	1573056
12	$\mathcal{O}(1; \{3^{12}, 6^3, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^{13}, 4^2, 6^3, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^9, 3^3, 4^2, 6^3, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^6, 4^2, 6^3, 12^2\})$	785664
12	$\mathcal{O}(1; \{2, 3^9, 4^2, 6^3, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^{10}, 4^4, 6^3, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^3, 4^4, 6^3, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^6, 4^4, 6^3, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^7, 4^6, 6^3, 12^2\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^3, 4^6, 6^3, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^4, 4^8, 6^3, 12^2\})$	737280
12	$\mathcal{O}(1; \{3^3, 4^8, 6^3, 12^2\})$	6340608
12	$\mathcal{O}(1; \{2, 4^{10}, 6^3, 12^2\})$	2949120
12	$\mathcal{O}(1; \{2^{13}, 3, 6^4, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^9, 3^4, 6^4, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^7, 6^4, 12^2\})$	786240
12	$\mathcal{O}(1; \{2, 3^{10}, 6^4, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{10}, 3, 4^2, 6^4, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^4, 4^2, 6^4, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^7, 4^2, 6^4, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^7, 3, 4^4, 6^4, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^4, 4^4, 6^4, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3, 4^6, 6^4, 12^2\})$	774144
12	$\mathcal{O}(1; \{3^4, 4^6, 6^4, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2, 3, 4^8, 6^4, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^{10}, 3^2, 6^5, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^5, 6^5, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^8, 6^5, 12^2\})$	3145536

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^7, 3^2, 4^2, 6^5, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^5, 4^2, 6^5, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^4, 3^2, 4^4, 6^5, 12^2\})$	783360
12	$\mathcal{O}(1; \{3^5, 4^4, 6^5, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2, 3^2, 4^6, 6^5, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^{11}, 6^6, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^3, 6^6, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^6, 6^6, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^8, 4^2, 6^6, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^3, 4^2, 6^6, 12^2\})$	785664
12	$\mathcal{O}(1; \{3^6, 4^2, 6^6, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^5, 4^4, 6^6, 12^2\})$	396288
12	$\mathcal{O}(1; \{2, 3^3, 4^4, 6^6, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^2, 4^6, 6^6, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^8, 3, 6^7, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^4, 6^7, 12^2\})$	786240
12	$\mathcal{O}(1; \{3^7, 6^7, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 6^7, 12^2\})$	393984
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 6^7, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 6^7, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3^2, 6^8, 12^2\})$	393408
12	$\mathcal{O}(1; \{2, 3^5, 6^8, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^8, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^6, 6^9, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^3, 6^9, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^3, 4^2, 6^9, 12^2\})$	785664
12	$\mathcal{O}(1; \{4^4, 6^9, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3, 6^{10}, 12^2\})$	786240
12	$\mathcal{O}(1; \{3, 4^2, 6^{10}, 12^2\})$	3144960
12	$\mathcal{O}(1; \{3^2, 6^{11}, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2, 6^{12}, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^{15}, 3^2, 4, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^{11}, 3^5, 4, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^7, 3^8, 4, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^{11}, 4, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^3, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^8, 3^5, 4^3, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^8, 4^3, 12^3\})$	3142656
12	$\mathcal{O}(1; \{3^{11}, 4^3, 12^3\})$	25168896
12	$\mathcal{O}(1; \{2^9, 3^2, 4^5, 12^3\})$	184320
12	$\mathcal{O}(1; \{2^5, 3^5, 4^5, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2, 3^8, 4^5, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2^6, 3^2, 4^7, 12^3\})$	737280

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3^5, 4^7, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^3, 3^2, 4^9, 12^3\})$	2949120
12	$\mathcal{O}(1; \{3^2, 4^{11}, 12^3\})$	11796480
12	$\mathcal{O}(1; \{2^{16}, 4, 6, 12^3\})$	6912
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4, 6, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^8, 3^6, 4, 6, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^9, 4, 6, 12^3\})$	3144960
12	$\mathcal{O}(1; \{3^{12}, 4, 6, 12^3\})$	25166592
12	$\mathcal{O}(1; \{2^{13}, 4^3, 6, 12^3\})$	27648
12	$\mathcal{O}(1; \{2^9, 3^3, 4^3, 6, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^6, 4^3, 6, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2, 3^9, 4^3, 6, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^{10}, 4^5, 6, 12^3\})$	110592
12	$\mathcal{O}(1; \{2^6, 3^3, 4^5, 6, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^6, 4^5, 6, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^7, 4^7, 6, 12^3\})$	442368
12	$\mathcal{O}(1; \{2^3, 3^3, 4^7, 6, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2^4, 4^9, 6, 12^3\})$	1769472
12	$\mathcal{O}(1; \{3^3, 4^9, 6, 12^3\})$	12386304
12	$\mathcal{O}(1; \{2, 4^{11}, 6, 12^3\})$	7077888
12	$\mathcal{O}(1; \{2^{13}, 3, 4, 6^2, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^9, 3^4, 4, 6^2, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^7, 4, 6^2, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2, 3^{10}, 4, 6^2, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^{10}, 3, 4^3, 6^2, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^6, 3^4, 4^3, 6^2, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^7, 4^3, 6^2, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^7, 3, 4^5, 6^2, 12^3\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^4, 4^5, 6^2, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3, 4^7, 6^2, 12^3\})$	1622016
12	$\mathcal{O}(1; \{3^4, 4^7, 6^2, 12^3\})$	12533760
12	$\mathcal{O}(1; \{2, 3, 4^9, 6^2, 12^3\})$	6488064
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4, 6^3, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^5, 4, 6^3, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^8, 4, 6^3, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^7, 3^2, 4^3, 6^3, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^5, 4^3, 6^3, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^4, 3^2, 4^5, 6^3, 12^3\})$	1585152
12	$\mathcal{O}(1; \{3^5, 4^5, 6^3, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2, 3^2, 4^7, 6^3, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^{11}, 4, 6^4, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^3, 4, 6^4, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^6, 4, 6^4, 12^3\})$	3144960

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^8, 4^3, 6^4, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^3, 4^3, 6^4, 12^3\})$	1575936
12	$\mathcal{O}(1; \{3^6, 4^3, 6^4, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^5, 4^5, 6^4, 12^3\})$	774144
12	$\mathcal{O}(1; \{2, 3^3, 4^5, 6^4, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^2, 4^7, 6^4, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2^8, 3, 4, 6^5, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^4, 4, 6^5, 12^3\})$	1573632
12	$\mathcal{O}(1; \{3^7, 4, 6^5, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^5, 3, 4^3, 6^5, 12^3\})$	783360
12	$\mathcal{O}(1; \{2, 3^4, 4^3, 6^5, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^2, 3, 4^5, 6^5, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^5, 3^2, 4, 6^6, 12^3\})$	785664
12	$\mathcal{O}(1; \{2, 3^5, 4, 6^6, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 6^6, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^6, 4, 6^7, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 6^7, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^3, 4^3, 6^7, 12^3\})$	1575936
12	$\mathcal{O}(1; \{4^5, 6^7, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3, 4, 6^8, 12^3\})$	1573632
12	$\mathcal{O}(1; \{3, 4^3, 6^8, 12^3\})$	6294528
12	$\mathcal{O}(1; \{3^2, 4, 6^9, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2, 4, 6^{10}, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^{16}, 3, 12^4\})$	11520
12	$\mathcal{O}(1; \{2^{12}, 3^4, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^8, 3^7, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^4, 3^{10}, 12^4\})$	6292224
12	$\mathcal{O}(1; \{3^{13}, 12^4\})$	50330880
12	$\mathcal{O}(1; \{2^{13}, 3, 4^2, 12^4\})$	46080
12	$\mathcal{O}(1; \{2^9, 3^4, 4^2, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^5, 3^7, 4^2, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2, 3^{10}, 4^2, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2^{10}, 3, 4^4, 12^4\})$	184320
12	$\mathcal{O}(1; \{2^6, 3^4, 4^4, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^7, 4^4, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^7, 3, 4^6, 12^4\})$	737280
12	$\mathcal{O}(1; \{2^3, 3^4, 4^6, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2^4, 3, 4^8, 12^4\})$	2949120
12	$\mathcal{O}(1; \{3^4, 4^8, 12^4\})$	25362432
12	$\mathcal{O}(1; \{2, 3, 4^{10}, 12^4\})$	11796480
12	$\mathcal{O}(1; \{2^{13}, 3^2, 6, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^9, 3^5, 6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^5, 3^8, 6, 12^4\})$	3144960

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^{11}, 6, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^2, 6, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^6, 3^5, 4^2, 6, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^8, 4^2, 6, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^7, 3^2, 4^4, 6, 12^4\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^5, 4^4, 6, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^4, 3^2, 4^6, 6, 12^4\})$	3096576
12	$\mathcal{O}(1; \{3^5, 4^6, 6, 12^4\})$	25214976
12	$\mathcal{O}(1; \{2, 3^2, 4^8, 6, 12^4\})$	12386304
12	$\mathcal{O}(1; \{2^{14}, 6^2, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^{10}, 3^3, 6^2, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^6, 3^6, 6^2, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^9, 6^2, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^{11}, 4^2, 6^2, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^7, 3^3, 4^2, 6^2, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^6, 4^2, 6^2, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^8, 4^4, 6^2, 12^4\})$	405504
12	$\mathcal{O}(1; \{2^4, 3^3, 4^4, 6^2, 12^4\})$	3133440
12	$\mathcal{O}(1; \{3^6, 4^4, 6^2, 12^4\})$	25178112
12	$\mathcal{O}(1; \{2^5, 4^6, 6^2, 12^4\})$	1622016
12	$\mathcal{O}(1; \{2, 3^3, 4^6, 6^2, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2^2, 4^8, 6^2, 12^4\})$	6488064
12	$\mathcal{O}(1; \{2^{11}, 3, 6^3, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^7, 3^4, 6^3, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^7, 6^3, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^8, 3, 4^2, 6^3, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^4, 4^2, 6^3, 12^4\})$	3142656
12	$\mathcal{O}(1; \{3^7, 4^2, 6^3, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2^5, 3, 4^4, 6^3, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2, 3^4, 4^4, 6^3, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3, 4^6, 6^3, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2^8, 3^2, 6^4, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^5, 6^4, 12^4\})$	3144960
12	$\mathcal{O}(1; \{3^8, 6^4, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 6^4, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2, 3^5, 4^2, 6^4, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 6^4, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^9, 6^5, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^3, 6^5, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2, 3^6, 6^5, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^6, 4^2, 6^5, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6^5, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^3, 4^4, 6^5, 12^4\})$	3133440

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{4^6, 6^5, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2^6, 3, 6^6, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^4, 6^6, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^6, 12^4\})$	3142656
12	$\mathcal{O}(1; \{3, 4^4, 6^6, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^3, 3^2, 6^7, 12^4\})$	3144960
12	$\mathcal{O}(1; \{3^2, 4^2, 6^7, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^4, 6^8, 12^4\})$	1573632
12	$\mathcal{O}(1; \{3^3, 6^8, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2, 4^2, 6^8, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2, 3, 6^9, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^{14}, 4, 12^5\})$	46080
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^6, 3^6, 4, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^9, 4, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^{11}, 4^3, 12^5\})$	184320
12	$\mathcal{O}(1; \{2^7, 3^3, 4^3, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^6, 4^3, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^8, 4^5, 12^5\})$	737280
12	$\mathcal{O}(1; \{2^4, 3^3, 4^5, 12^5\})$	6340608
12	$\mathcal{O}(1; \{3^6, 4^5, 12^5\})$	50282496
12	$\mathcal{O}(1; \{2^5, 4^7, 12^5\})$	2949120
12	$\mathcal{O}(1; \{2, 3^3, 4^7, 12^5\})$	25362432
12	$\mathcal{O}(1; \{2^2, 4^9, 12^5\})$	11796480
12	$\mathcal{O}(1; \{2^{11}, 3, 4, 6, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^7, 3^4, 4, 6, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^7, 4, 6, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^8, 3, 4^3, 6, 12^5\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^4, 4^3, 6, 12^5\})$	6303744
12	$\mathcal{O}(1; \{3^7, 4^3, 6, 12^5\})$	50319360
12	$\mathcal{O}(1; \{2^5, 3, 4^5, 6, 12^5\})$	3096576
12	$\mathcal{O}(1; \{2, 3^4, 4^5, 6, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2^2, 3, 4^7, 6, 12^5\})$	12386304
12	$\mathcal{O}(1; \{2^8, 3^2, 4, 6^2, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^5, 4, 6^2, 12^5\})$	6294528
12	$\mathcal{O}(1; \{3^8, 4, 6^2, 12^5\})$	50328576
12	$\mathcal{O}(1; \{2^5, 3^2, 4^3, 6^2, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2, 3^5, 4^3, 6^2, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2^2, 3^2, 4^5, 6^2, 12^5\})$	12533760
12	$\mathcal{O}(1; \{2^9, 4, 6^3, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^5, 3^3, 4, 6^3, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2, 3^6, 4, 6^3, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^6, 4^3, 6^3, 12^5\})$	1585152

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3^3, 4^3, 6^3, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^3, 4^5, 6^3, 12^5\})$	6340608
12	$\mathcal{O}(1; \{4^7, 6^3, 12^5\})$	25362432
12	$\mathcal{O}(1; \{2^6, 3, 4, 6^4, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^4, 4, 6^4, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^3, 3, 4^3, 6^4, 12^5\})$	6303744
12	$\mathcal{O}(1; \{3, 4^5, 6^4, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 6^5, 12^5\})$	6294528
12	$\mathcal{O}(1; \{3^2, 4^3, 6^5, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2^4, 4, 6^6, 12^5\})$	3142656
12	$\mathcal{O}(1; \{3^3, 4, 6^6, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2, 4^3, 6^6, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2, 3, 4, 6^7, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^{11}, 3^2, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^7, 3^5, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3^8, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^8, 3^2, 4^2, 12^6\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3^5, 4^2, 12^6\})$	12570624
12	$\mathcal{O}(1; \{3^8, 4^2, 12^6\})$	100675584
12	$\mathcal{O}(1; \{2^5, 3^2, 4^4, 12^6\})$	6340608
12	$\mathcal{O}(1; \{2, 3^5, 4^4, 12^6\})$	50282496
12	$\mathcal{O}(1; \{2^2, 3^2, 4^6, 12^6\})$	25362432
12	$\mathcal{O}(1; \{2^{12}, 6, 12^6\})$	193536
12	$\mathcal{O}(1; \{2^8, 3^3, 6, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3^6, 6, 12^6\})$	12579840
12	$\mathcal{O}(1; \{3^9, 6, 12^6\})$	100666368
12	$\mathcal{O}(1; \{2^9, 4^2, 6, 12^6\})$	774144
12	$\mathcal{O}(1; \{2^5, 3^3, 4^2, 6, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2, 3^6, 4^2, 6, 12^6\})$	50319360
12	$\mathcal{O}(1; \{2^6, 4^4, 6, 12^6\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3^3, 4^4, 6, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2^3, 4^6, 6, 12^6\})$	12386304
12	$\mathcal{O}(1; \{4^8, 6, 12^6\})$	49545216
12	$\mathcal{O}(1; \{2^9, 3, 6^2, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^5, 3^4, 6^2, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2, 3^7, 6^2, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 6^2, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 6^2, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 6^2, 12^6\})$	12533760
12	$\mathcal{O}(1; \{3, 4^6, 6^2, 12^6\})$	50135040
12	$\mathcal{O}(1; \{2^6, 3^2, 6^3, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^5, 6^3, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6^3, 12^6\})$	12570624

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^2, 4^4, 6^3, 12^6\})$	50282496
12	$\mathcal{O}(1; \{2^7, 6^4, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^3, 6^4, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^4, 4^2, 6^4, 12^6\})$	6303744
12	$\mathcal{O}(1; \{3^3, 4^2, 6^4, 12^6\})$	50319360
12	$\mathcal{O}(1; \{2, 4^4, 6^4, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2^4, 3, 6^5, 12^6\})$	6294528
12	$\mathcal{O}(1; \{3^4, 6^5, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^5, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2, 3^2, 6^6, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^2, 6^7, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^9, 3, 4, 12^7\})$	1585152
12	$\mathcal{O}(1; \{2^5, 3^4, 4, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2, 3^7, 4, 12^7\})$	100675584
12	$\mathcal{O}(1; \{2^6, 3, 4^3, 12^7\})$	6340608
12	$\mathcal{O}(1; \{2^2, 3^4, 4^3, 12^7\})$	50282496
12	$\mathcal{O}(1; \{2^3, 3, 4^5, 12^7\})$	25362432
12	$\mathcal{O}(1; \{3, 4^7, 12^7\})$	101449728
12	$\mathcal{O}(1; \{2^6, 3^2, 4, 6, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^5, 4, 6, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^3, 3^2, 4^3, 6, 12^7\})$	25214976
12	$\mathcal{O}(1; \{3^2, 4^5, 6, 12^7\})$	100859904
12	$\mathcal{O}(1; \{2^7, 4, 6^2, 12^7\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3^3, 4, 6^2, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2^4, 4^3, 6^2, 12^7\})$	12533760
12	$\mathcal{O}(1; \{3^3, 4^3, 6^2, 12^7\})$	100712448
12	$\mathcal{O}(1; \{2, 4^5, 6^2, 12^7\})$	50135040
12	$\mathcal{O}(1; \{2^4, 3, 4, 6^3, 12^7\})$	12570624
12	$\mathcal{O}(1; \{3^4, 4, 6^3, 12^7\})$	100675584
12	$\mathcal{O}(1; \{2, 3, 4^3, 6^3, 12^7\})$	50282496
12	$\mathcal{O}(1; \{2, 3^2, 4, 6^4, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^2, 4, 6^5, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2^{10}, 12^8\})$	1585152
12	$\mathcal{O}(1; \{2^6, 3^3, 12^8\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3^6, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^7, 4^2, 12^8\})$	6340608
12	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 12^8\})$	50282496
12	$\mathcal{O}(1; \{2^4, 4^4, 12^8\})$	25362432
12	$\mathcal{O}(1; \{3^3, 4^4, 12^8\})$	201129984
12	$\mathcal{O}(1; \{2, 4^6, 12^8\})$	101449728
12	$\mathcal{O}(1; \{2^7, 3, 6, 12^8\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3^4, 6, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 6, 12^8\})$	25214976

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^4, 4^2, 6, 12^8\})$	201277440
12	$\mathcal{O}(1; \{2, 3, 4^4, 6, 12^8\})$	100859904
12	$\mathcal{O}(1; \{2^4, 3^2, 6^2, 12^8\})$	25178112
12	$\mathcal{O}(1; \{3^5, 6^2, 12^8\})$	201314304
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^2, 12^8\})$	100712448
12	$\mathcal{O}(1; \{2^5, 6^3, 12^8\})$	12570624
12	$\mathcal{O}(1; \{2, 3^3, 6^3, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^2, 4^2, 6^3, 12^8\})$	50282496
12	$\mathcal{O}(1; \{2^2, 3, 6^4, 12^8\})$	50319360
12	$\mathcal{O}(1; \{6^6, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 12^9\})$	50282496
12	$\mathcal{O}(1; \{3^5, 4, 12^9\})$	402702336
12	$\mathcal{O}(1; \{2, 3^2, 4^3, 12^9\})$	201129984
12	$\mathcal{O}(1; \{2^5, 4, 6, 12^9\})$	25214976
12	$\mathcal{O}(1; \{2, 3^3, 4, 6, 12^9\})$	201277440
12	$\mathcal{O}(1; \{2^2, 4^3, 6, 12^9\})$	100859904
12	$\mathcal{O}(1; \{2^2, 3, 4, 6^2, 12^9\})$	100712448
12	$\mathcal{O}(1; \{4, 6^4, 12^9\})$	201277440
12	$\mathcal{O}(1; \{2^5, 3, 12^{10}\})$	50282496
12	$\mathcal{O}(1; \{2, 3^4, 12^{10}\})$	402702336
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 12^{10}\})$	201129984
12	$\mathcal{O}(1; \{2^2, 3^2, 6, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{2^3, 6^2, 12^{10}\})$	100712448
12	$\mathcal{O}(1; \{4^2, 6^2, 12^{10}\})$	402849792
12	$\mathcal{O}(1; \{3, 6^3, 12^{10}\})$	402702336
12	$\mathcal{O}(1; \{2^3, 4, 12^{11}\})$	201129984
12	$\mathcal{O}(1; \{4^3, 12^{11}\})$	804519936
12	$\mathcal{O}(1; \{3, 4, 6, 12^{11}\})$	805109760
12	$\mathcal{O}(1; \{3^2, 12^{12}\})$	1610809344
12	$\mathcal{O}(1; \{2, 6, 12^{12}\})$	805109760
12	$\mathcal{O}(0; \{2^{23}, 3^2, 4^2\})$	4
12	$\mathcal{O}(0; \{2^{19}, 3^5, 4^2\})$	20
12	$\mathcal{O}(0; \{2^{15}, 3^8, 4^2\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^{11}, 4^2\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^{14}, 4^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{17}, 4^2\})$	87380
12	$\mathcal{O}(0; \{2^{20}, 3^2, 4^4\})$	16
12	$\mathcal{O}(0; \{2^{16}, 3^5, 4^4\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^8, 4^4\})$	688
12	$\mathcal{O}(0; \{2^8, 3^{11}, 4^4\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^{14}, 4^4\})$	43696
12	$\mathcal{O}(0; \{3^{17}, 4^4\})$	349520
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^6\})$	64

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^6\})$	320
12	$\mathcal{O}(0; \{2^9, 3^8, 4^6\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^6\})$	21824
12	$\mathcal{O}(0; \{2, 3^{14}, 4^6\})$	174784
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^8\})$	256
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^8\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^8, 4^8\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^8\})$	87296
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^{10}\})$	1024
12	$\mathcal{O}(0; \{2^7, 3^5, 4^{10}\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^8, 4^{10}\})$	44032
12	$\mathcal{O}(0; \{2^8, 3^2, 4^{12}\})$	4096
12	$\mathcal{O}(0; \{2^4, 3^5, 4^{12}\})$	20480
12	$\mathcal{O}(0; \{3^8, 4^{12}\})$	176128
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{14}\})$	16384
12	$\mathcal{O}(0; \{2, 3^5, 4^{14}\})$	81920
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{16}\})$	65536
12	$\mathcal{O}(0; \{2^{20}, 3^3, 4^2, 6\})$	12
12	$\mathcal{O}(0; \{2^{16}, 3^6, 4^2, 6\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^9, 4^2, 6\})$	684
12	$\mathcal{O}(0; \{2^8, 3^{12}, 4^2, 6\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{15}, 4^2, 6\})$	43692
12	$\mathcal{O}(0; \{3^{18}, 4^2, 6\})$	349524
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4^4, 6\})$	48
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4^4, 6\})$	336
12	$\mathcal{O}(0; \{2^9, 3^9, 4^4, 6\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4^4, 6\})$	21840
12	$\mathcal{O}(0; \{2, 3^{15}, 4^4, 6\})$	174768
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^6, 6\})$	192
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^6, 6\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^9, 4^6, 6\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^6, 6\})$	87360
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^8, 6\})$	768
12	$\mathcal{O}(0; \{2^7, 3^6, 4^8, 6\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^9, 4^8, 6\})$	43776
12	$\mathcal{O}(0; \{2^8, 3^3, 4^{10}, 6\})$	3072
12	$\mathcal{O}(0; \{2^4, 3^6, 4^{10}, 6\})$	21504
12	$\mathcal{O}(0; \{3^9, 4^{10}, 6\})$	175104
12	$\mathcal{O}(0; \{2^5, 3^3, 4^{12}, 6\})$	12288
12	$\mathcal{O}(0; \{2, 3^6, 4^{12}, 6\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{14}, 6\})$	49152
12	$\mathcal{O}(0; \{2^{21}, 3, 4^2, 6^2\})$	4
12	$\mathcal{O}(0; \{2^{17}, 3^4, 4^2, 6^2\})$	44

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{13}, 3^7, 4^2, 6^2\})$	340
12	$\mathcal{O}(0; \{2^9, 3^{10}, 4^2, 6^2\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^{13}, 4^2, 6^2\})$	21844
12	$\mathcal{O}(0; \{2, 3^{16}, 4^2, 6^2\})$	174764
12	$\mathcal{O}(0; \{2^{18}, 3, 4^4, 6^2\})$	16
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^4, 6^2\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^4, 6^2\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^4, 6^2\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^4, 6^2\})$	87376
12	$\mathcal{O}(0; \{2^{15}, 3, 4^6, 6^2\})$	64
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^6, 6^2\})$	704
12	$\mathcal{O}(0; \{2^7, 3^7, 4^6, 6^2\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^6, 6^2\})$	43712
12	$\mathcal{O}(0; \{2^{12}, 3, 4^8, 6^2\})$	256
12	$\mathcal{O}(0; \{2^8, 3^4, 4^8, 6^2\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^7, 4^8, 6^2\})$	21760
12	$\mathcal{O}(0; \{3^{10}, 4^8, 6^2\})$	174848
12	$\mathcal{O}(0; \{2^9, 3, 4^{10}, 6^2\})$	1024
12	$\mathcal{O}(0; \{2^5, 3^4, 4^{10}, 6^2\})$	11264
12	$\mathcal{O}(0; \{2, 3^7, 4^{10}, 6^2\})$	87040
12	$\mathcal{O}(0; \{2^6, 3, 4^{12}, 6^2\})$	4096
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{12}, 6^2\})$	45056
12	$\mathcal{O}(0; \{2^3, 3, 4^{14}, 6^2\})$	16384
12	$\mathcal{O}(0; \{3, 4^{16}, 6^2\})$	65536
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4^2, 6^3\})$	20
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4^2, 6^3\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4^2, 6^3\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4^2, 6^3\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4^2, 6^3\})$	87380
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^4, 6^3\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^4, 6^3\})$	688
12	$\mathcal{O}(0; \{2^7, 3^8, 4^4, 6^3\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^4, 6^3\})$	43696
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^6, 6^3\})$	320
12	$\mathcal{O}(0; \{2^8, 3^5, 4^6, 6^3\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^8, 4^6, 6^3\})$	21824
12	$\mathcal{O}(0; \{3^{11}, 4^6, 6^3\})$	174784
12	$\mathcal{O}(0; \{2^9, 3^2, 4^8, 6^3\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^5, 4^8, 6^3\})$	11008
12	$\mathcal{O}(0; \{2, 3^8, 4^8, 6^3\})$	87296
12	$\mathcal{O}(0; \{2^6, 3^2, 4^{10}, 6^3\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^5, 4^{10}, 6^3\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{12}, 6^3\})$	20480

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^2, 4^{14}, 6^3\})$	81920
12	$\mathcal{O}(0; \{2^{19}, 4^2, 6^4\})$	12
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^2, 6^4\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^2, 6^4\})$	684
12	$\mathcal{O}(0; \{2^7, 3^9, 4^2, 6^4\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^2, 6^4\})$	43692
12	$\mathcal{O}(0; \{2^{16}, 4^4, 6^4\})$	48
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^4, 6^4\})$	336
12	$\mathcal{O}(0; \{2^8, 3^6, 4^4, 6^4\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^9, 4^4, 6^4\})$	21840
12	$\mathcal{O}(0; \{3^{12}, 4^4, 6^4\})$	174768
12	$\mathcal{O}(0; \{2^{13}, 4^6, 6^4\})$	192
12	$\mathcal{O}(0; \{2^9, 3^3, 4^6, 6^4\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^6, 4^6, 6^4\})$	10944
12	$\mathcal{O}(0; \{2, 3^9, 4^6, 6^4\})$	87360
12	$\mathcal{O}(0; \{2^{10}, 4^8, 6^4\})$	768
12	$\mathcal{O}(0; \{2^6, 3^3, 4^8, 6^4\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^6, 4^8, 6^4\})$	43776
12	$\mathcal{O}(0; \{2^7, 4^{10}, 6^4\})$	3072
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{10}, 6^4\})$	21504
12	$\mathcal{O}(0; \{2^4, 4^{12}, 6^4\})$	12288
12	$\mathcal{O}(0; \{3^3, 4^{12}, 6^4\})$	86016
12	$\mathcal{O}(0; \{2, 4^{14}, 6^4\})$	49152
12	$\mathcal{O}(0; \{2^{16}, 3, 4^2, 6^5\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^2, 6^5\})$	340
12	$\mathcal{O}(0; \{2^8, 3^7, 4^2, 6^5\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^2, 6^5\})$	21844
12	$\mathcal{O}(0; \{3^{13}, 4^2, 6^5\})$	174764
12	$\mathcal{O}(0; \{2^{13}, 3, 4^4, 6^5\})$	176
12	$\mathcal{O}(0; \{2^9, 3^4, 4^4, 6^5\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^7, 4^4, 6^5\})$	10928
12	$\mathcal{O}(0; \{2, 3^{10}, 4^4, 6^5\})$	87376
12	$\mathcal{O}(0; \{2^{10}, 3, 4^6, 6^5\})$	704
12	$\mathcal{O}(0; \{2^6, 3^4, 4^6, 6^5\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^7, 4^6, 6^5\})$	43712
12	$\mathcal{O}(0; \{2^7, 3, 4^8, 6^5\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^4, 4^8, 6^5\})$	21760
12	$\mathcal{O}(0; \{2^4, 3, 4^{10}, 6^5\})$	11264
12	$\mathcal{O}(0; \{3^4, 4^{10}, 6^5\})$	87040
12	$\mathcal{O}(0; \{2, 3, 4^{12}, 6^5\})$	45056
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^2, 6^6\})$	172
12	$\mathcal{O}(0; \{2^9, 3^5, 4^2, 6^6\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^8, 4^2, 6^6\})$	10924

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^{11}, 4^2, 6^6\})$	87380
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^4, 6^6\})$	688
12	$\mathcal{O}(0; \{2^6, 3^5, 4^4, 6^6\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^8, 4^4, 6^6\})$	43696
12	$\mathcal{O}(0; \{2^7, 3^2, 4^6, 6^6\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^5, 4^6, 6^6\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^2, 4^8, 6^6\})$	11008
12	$\mathcal{O}(0; \{3^5, 4^8, 6^6\})$	87296
12	$\mathcal{O}(0; \{2, 3^2, 4^{10}, 6^6\})$	44032
12	$\mathcal{O}(0; \{2^{14}, 4^2, 6^7\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^2, 6^7\})$	684
12	$\mathcal{O}(0; \{2^6, 3^6, 4^2, 6^7\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^9, 4^2, 6^7\})$	43692
12	$\mathcal{O}(0; \{2^{11}, 4^4, 6^7\})$	336
12	$\mathcal{O}(0; \{2^7, 3^3, 4^4, 6^7\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^6, 4^4, 6^7\})$	21840
12	$\mathcal{O}(0; \{2^8, 4^6, 6^7\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^3, 4^6, 6^7\})$	10944
12	$\mathcal{O}(0; \{3^6, 4^6, 6^7\})$	87360
12	$\mathcal{O}(0; \{2^5, 4^8, 6^7\})$	5376
12	$\mathcal{O}(0; \{2, 3^3, 4^8, 6^7\})$	43776
12	$\mathcal{O}(0; \{2^2, 4^{10}, 6^7\})$	21504
12	$\mathcal{O}(0; \{2^{11}, 3, 4^2, 6^8\})$	340
12	$\mathcal{O}(0; \{2^7, 3^4, 4^2, 6^8\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^7, 4^2, 6^8\})$	21844
12	$\mathcal{O}(0; \{2^8, 3, 4^4, 6^8\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^4, 4^4, 6^8\})$	10928
12	$\mathcal{O}(0; \{3^7, 4^4, 6^8\})$	87376
12	$\mathcal{O}(0; \{2^5, 3, 4^6, 6^8\})$	5440
12	$\mathcal{O}(0; \{2, 3^4, 4^6, 6^8\})$	43712
12	$\mathcal{O}(0; \{2^2, 3, 4^8, 6^8\})$	21760
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 6^9\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 6^9\})$	10924
12	$\mathcal{O}(0; \{3^8, 4^2, 6^9\})$	87380
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 6^9\})$	5456
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 6^9\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 6^9\})$	21824
12	$\mathcal{O}(0; \{2^9, 4^2, 6^{10}\})$	684
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6^{10}\})$	5460
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6^{10}\})$	43692
12	$\mathcal{O}(0; \{2^6, 4^4, 6^{10}\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6^{10}\})$	21840
12	$\mathcal{O}(0; \{2^3, 4^6, 6^{10}\})$	10944

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{4^8, 6^{10}\})$	43776
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^{11}\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^{11}\})$	21844
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^{11}\})$	10928
12	$\mathcal{O}(0; \{3, 4^6, 6^{11}\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^{12}\})$	10924
12	$\mathcal{O}(0; \{3^2, 4^4, 6^{12}\})$	43696
12	$\mathcal{O}(0; \{2^4, 4^2, 6^{13}\})$	5460
12	$\mathcal{O}(0; \{3^3, 4^2, 6^{13}\})$	43692
12	$\mathcal{O}(0; \{2, 4^4, 6^{13}\})$	21840
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^{14}\})$	21844
12	$\mathcal{O}(0; \{2^{24}, 3, 4, 12\})$	4
12	$\mathcal{O}(0; \{2^{20}, 3^4, 4, 12\})$	20
12	$\mathcal{O}(0; \{2^{16}, 3^7, 4, 12\})$	172
12	$\mathcal{O}(0; \{2^{12}, 3^{10}, 4, 12\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^{13}, 4, 12\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^{16}, 4, 12\})$	87380
12	$\mathcal{O}(0; \{3^{19}, 4, 12\})$	699052
12	$\mathcal{O}(0; \{2^{21}, 3, 4^3, 12\})$	16
12	$\mathcal{O}(0; \{2^{17}, 3^4, 4^3, 12\})$	80
12	$\mathcal{O}(0; \{2^{13}, 3^7, 4^3, 12\})$	688
12	$\mathcal{O}(0; \{2^9, 3^{10}, 4^3, 12\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^{13}, 4^3, 12\})$	43696
12	$\mathcal{O}(0; \{2, 3^{16}, 4^3, 12\})$	349520
12	$\mathcal{O}(0; \{2^{18}, 3, 4^5, 12\})$	64
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^5, 12\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^5, 12\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^5, 12\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^5, 12\})$	174784
12	$\mathcal{O}(0; \{2^{15}, 3, 4^7, 12\})$	256
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^7, 12\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^7, 4^7, 12\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^7, 12\})$	87296
12	$\mathcal{O}(0; \{2^{12}, 3, 4^9, 12\})$	1024
12	$\mathcal{O}(0; \{2^8, 3^4, 4^9, 12\})$	5120
12	$\mathcal{O}(0; \{2^4, 3^7, 4^9, 12\})$	44032
12	$\mathcal{O}(0; \{3^{10}, 4^9, 12\})$	349184
12	$\mathcal{O}(0; \{2^9, 3, 4^{11}, 12\})$	4096
12	$\mathcal{O}(0; \{2^5, 3^4, 4^{11}, 12\})$	20480
12	$\mathcal{O}(0; \{2, 3^7, 4^{11}, 12\})$	176128
12	$\mathcal{O}(0; \{2^6, 3, 4^{13}, 12\})$	16384
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{13}, 12\})$	81920
12	$\mathcal{O}(0; \{2^3, 3, 4^{15}, 12\})$	65536

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3, 4^{17}, 12\})$	262144
12	$\mathcal{O}(0; \{2^{21}, 3^2, 4, 6, 12\})$	12
12	$\mathcal{O}(0; \{2^{17}, 3^5, 4, 6, 12\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^8, 4, 6, 12\})$	684
12	$\mathcal{O}(0; \{2^9, 3^{11}, 4, 6, 12\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^{14}, 4, 6, 12\})$	43692
12	$\mathcal{O}(0; \{2, 3^{17}, 4, 6, 12\})$	349524
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4^3, 6, 12\})$	48
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4^3, 6, 12\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4^3, 6, 12\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4^3, 6, 12\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4^3, 6, 12\})$	174768
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^5, 6, 12\})$	192
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^5, 6, 12\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^8, 4^5, 6, 12\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^5, 6, 12\})$	87360
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^7, 6, 12\})$	768
12	$\mathcal{O}(0; \{2^8, 3^5, 4^7, 6, 12\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^8, 4^7, 6, 12\})$	43776
12	$\mathcal{O}(0; \{3^{11}, 4^7, 6, 12\})$	349440
12	$\mathcal{O}(0; \{2^9, 3^2, 4^9, 6, 12\})$	3072
12	$\mathcal{O}(0; \{2^5, 3^5, 4^9, 6, 12\})$	21504
12	$\mathcal{O}(0; \{2, 3^8, 4^9, 6, 12\})$	175104
12	$\mathcal{O}(0; \{2^6, 3^2, 4^{11}, 6, 12\})$	12288
12	$\mathcal{O}(0; \{2^2, 3^5, 4^{11}, 6, 12\})$	86016
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{13}, 6, 12\})$	49152
12	$\mathcal{O}(0; \{3^2, 4^{15}, 6, 12\})$	196608
12	$\mathcal{O}(0; \{2^{22}, 4, 6^2, 12\})$	4
12	$\mathcal{O}(0; \{2^{18}, 3^3, 4, 6^2, 12\})$	44
12	$\mathcal{O}(0; \{2^{14}, 3^6, 4, 6^2, 12\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^9, 4, 6^2, 12\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^{12}, 4, 6^2, 12\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{15}, 4, 6^2, 12\})$	174764
12	$\mathcal{O}(0; \{2^{19}, 4^3, 6^2, 12\})$	16
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^3, 6^2, 12\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^3, 6^2, 12\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^9, 4^3, 6^2, 12\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^3, 6^2, 12\})$	87376
12	$\mathcal{O}(0; \{2^{16}, 4^5, 6^2, 12\})$	64
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^5, 6^2, 12\})$	704
12	$\mathcal{O}(0; \{2^8, 3^6, 4^5, 6^2, 12\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^9, 4^5, 6^2, 12\})$	43712
12	$\mathcal{O}(0; \{3^{12}, 4^5, 6^2, 12\})$	349504

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{13}, 4^7, 6^2, 12\})$	256
12	$\mathcal{O}(0; \{2^9, 3^3, 4^7, 6^2, 12\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^6, 4^7, 6^2, 12\})$	21760
12	$\mathcal{O}(0; \{2, 3^9, 4^7, 6^2, 12\})$	174848
12	$\mathcal{O}(0; \{2^{10}, 4^9, 6^2, 12\})$	1024
12	$\mathcal{O}(0; \{2^6, 3^3, 4^9, 6^2, 12\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^6, 4^9, 6^2, 12\})$	87040
12	$\mathcal{O}(0; \{2^7, 4^{11}, 6^2, 12\})$	4096
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{11}, 6^2, 12\})$	45056
12	$\mathcal{O}(0; \{2^4, 4^{13}, 6^2, 12\})$	16384
12	$\mathcal{O}(0; \{3^3, 4^{13}, 6^2, 12\})$	180224
12	$\mathcal{O}(0; \{2, 4^{15}, 6^2, 12\})$	65536
12	$\mathcal{O}(0; \{2^{19}, 3, 4, 6^3, 12\})$	20
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4, 6^3, 12\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4, 6^3, 12\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4, 6^3, 12\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4, 6^3, 12\})$	87380
12	$\mathcal{O}(0; \{2^{16}, 3, 4^3, 6^3, 12\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^3, 6^3, 12\})$	688
12	$\mathcal{O}(0; \{2^8, 3^7, 4^3, 6^3, 12\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^3, 6^3, 12\})$	43696
12	$\mathcal{O}(0; \{3^{13}, 4^3, 6^3, 12\})$	349520
12	$\mathcal{O}(0; \{2^{13}, 3, 4^5, 6^3, 12\})$	320
12	$\mathcal{O}(0; \{2^9, 3^4, 4^5, 6^3, 12\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^7, 4^5, 6^3, 12\})$	21824
12	$\mathcal{O}(0; \{2, 3^{10}, 4^5, 6^3, 12\})$	174784
12	$\mathcal{O}(0; \{2^{10}, 3, 4^7, 6^3, 12\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^4, 4^7, 6^3, 12\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^7, 4^7, 6^3, 12\})$	87296
12	$\mathcal{O}(0; \{2^7, 3, 4^9, 6^3, 12\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^4, 4^9, 6^3, 12\})$	44032
12	$\mathcal{O}(0; \{2^4, 3, 4^{11}, 6^3, 12\})$	20480
12	$\mathcal{O}(0; \{3^4, 4^{11}, 6^3, 12\})$	176128
12	$\mathcal{O}(0; \{2, 3, 4^{13}, 6^3, 12\})$	81920
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4, 6^4, 12\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4, 6^4, 12\})$	684
12	$\mathcal{O}(0; \{2^8, 3^8, 4, 6^4, 12\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4, 6^4, 12\})$	43692
12	$\mathcal{O}(0; \{3^{14}, 4, 6^4, 12\})$	349524
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^3, 6^4, 12\})$	336
12	$\mathcal{O}(0; \{2^9, 3^5, 4^3, 6^4, 12\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^8, 4^3, 6^4, 12\})$	21840
12	$\mathcal{O}(0; \{2, 3^{11}, 4^3, 6^4, 12\})$	174768

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^5, 6^4, 12\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^5, 4^5, 6^4, 12\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^8, 4^5, 6^4, 12\})$	87360
12	$\mathcal{O}(0; \{2^7, 3^2, 4^7, 6^4, 12\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^5, 4^7, 6^4, 12\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^2, 4^9, 6^4, 12\})$	21504
12	$\mathcal{O}(0; \{3^5, 4^9, 6^4, 12\})$	175104
12	$\mathcal{O}(0; \{2, 3^2, 4^{11}, 6^4, 12\})$	86016
12	$\mathcal{O}(0; \{2^{17}, 4, 6^5, 12\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4, 6^5, 12\})$	340
12	$\mathcal{O}(0; \{2^9, 3^6, 4, 6^5, 12\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^9, 4, 6^5, 12\})$	21844
12	$\mathcal{O}(0; \{2, 3^{12}, 4, 6^5, 12\})$	174764
12	$\mathcal{O}(0; \{2^{14}, 4^3, 6^5, 12\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^3, 6^5, 12\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^6, 4^3, 6^5, 12\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^9, 4^3, 6^5, 12\})$	87376
12	$\mathcal{O}(0; \{2^{11}, 4^5, 6^5, 12\})$	704
12	$\mathcal{O}(0; \{2^7, 3^3, 4^5, 6^5, 12\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^6, 4^5, 6^5, 12\})$	43712
12	$\mathcal{O}(0; \{2^8, 4^7, 6^5, 12\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^3, 4^7, 6^5, 12\})$	21760
12	$\mathcal{O}(0; \{3^6, 4^7, 6^5, 12\})$	174848
12	$\mathcal{O}(0; \{2^5, 4^9, 6^5, 12\})$	11264
12	$\mathcal{O}(0; \{2, 3^3, 4^9, 6^5, 12\})$	87040
12	$\mathcal{O}(0; \{2^2, 4^{11}, 6^5, 12\})$	45056
12	$\mathcal{O}(0; \{2^{14}, 3, 4, 6^6, 12\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4, 6^6, 12\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^7, 4, 6^6, 12\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4, 6^6, 12\})$	87380
12	$\mathcal{O}(0; \{2^{11}, 3, 4^3, 6^6, 12\})$	688
12	$\mathcal{O}(0; \{2^7, 3^4, 4^3, 6^6, 12\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^7, 4^3, 6^6, 12\})$	43696
12	$\mathcal{O}(0; \{2^8, 3, 4^5, 6^6, 12\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^4, 4^5, 6^6, 12\})$	21824
12	$\mathcal{O}(0; \{3^7, 4^5, 6^6, 12\})$	174784
12	$\mathcal{O}(0; \{2^5, 3, 4^7, 6^6, 12\})$	11008
12	$\mathcal{O}(0; \{2, 3^4, 4^7, 6^6, 12\})$	87296
12	$\mathcal{O}(0; \{2^2, 3, 4^9, 6^6, 12\})$	44032
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4, 6^7, 12\})$	684
12	$\mathcal{O}(0; \{2^7, 3^5, 4, 6^7, 12\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^8, 4, 6^7, 12\})$	43692
12	$\mathcal{O}(0; \{2^8, 3^2, 4^3, 6^7, 12\})$	2736

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^5, 4^3, 6^7, 12\})$	21840
12	$\mathcal{O}(0; \{3^8, 4^3, 6^7, 12\})$	174768
12	$\mathcal{O}(0; \{2^5, 3^2, 4^5, 6^7, 12\})$	10944
12	$\mathcal{O}(0; \{2, 3^5, 4^5, 6^7, 12\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^2, 4^7, 6^7, 12\})$	43776
12	$\mathcal{O}(0; \{2^{12}, 4, 6^8, 12\})$	340
12	$\mathcal{O}(0; \{2^8, 3^3, 4, 6^8, 12\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^6, 4, 6^8, 12\})$	21844
12	$\mathcal{O}(0; \{3^9, 4, 6^8, 12\})$	174764
12	$\mathcal{O}(0; \{2^9, 4^3, 6^8, 12\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 6^8, 12\})$	10928
12	$\mathcal{O}(0; \{2, 3^6, 4^3, 6^8, 12\})$	87376
12	$\mathcal{O}(0; \{2^6, 4^5, 6^8, 12\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 6^8, 12\})$	43712
12	$\mathcal{O}(0; \{2^3, 4^7, 6^8, 12\})$	21760
12	$\mathcal{O}(0; \{4^9, 6^8, 12\})$	87040
12	$\mathcal{O}(0; \{2^9, 3, 4, 6^9, 12\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 6^9, 12\})$	10924
12	$\mathcal{O}(0; \{2, 3^7, 4, 6^9, 12\})$	87380
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 6^9, 12\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6^9, 12\})$	43696
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 6^9, 12\})$	21824
12	$\mathcal{O}(0; \{3, 4^7, 6^9, 12\})$	87296
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^{10}, 12\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^{10}, 12\})$	43692
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^{10}, 12\})$	21840
12	$\mathcal{O}(0; \{3^2, 4^5, 6^{10}, 12\})$	87360
12	$\mathcal{O}(0; \{2^7, 4, 6^{11}, 12\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^{11}, 12\})$	21844
12	$\mathcal{O}(0; \{2^4, 4^3, 6^{11}, 12\})$	10928
12	$\mathcal{O}(0; \{3^3, 4^3, 6^{11}, 12\})$	87376
12	$\mathcal{O}(0; \{2, 4^5, 6^{11}, 12\})$	43712
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^{12}, 12\})$	10924
12	$\mathcal{O}(0; \{3^4, 4, 6^{12}, 12\})$	87380
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^{12}, 12\})$	43696
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^{13}, 12\})$	43692
12	$\mathcal{O}(0; \{2^2, 4, 6^{14}, 12\})$	21844
12	$\mathcal{O}(0; \{2^{25}, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{21}, 3^3, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{17}, 3^6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{13}, 3^9, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^9, 3^{12}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^5, 3^{15}, 12^2\})$	87380

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^{18}, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^{22}, 4^2, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{18}, 3^3, 4^2, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{14}, 3^6, 4^2, 12^2\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^9, 4^2, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^{12}, 4^2, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{15}, 4^2, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{19}, 4^4, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^4, 12^2\})$	320
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^4, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^9, 4^4, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^4, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^{16}, 4^6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^6, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^8, 3^6, 4^6, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^9, 4^6, 12^2\})$	87296
12	$\mathcal{O}(0; \{3^{12}, 4^6, 12^2\})$	699136
12	$\mathcal{O}(0; \{2^{13}, 4^8, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^9, 3^3, 4^8, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^5, 3^6, 4^8, 12^2\})$	44032
12	$\mathcal{O}(0; \{2, 3^9, 4^8, 12^2\})$	349184
12	$\mathcal{O}(0; \{2^{10}, 4^{10}, 12^2\})$	4096
12	$\mathcal{O}(0; \{2^6, 3^3, 4^{10}, 12^2\})$	20480
12	$\mathcal{O}(0; \{2^2, 3^6, 4^{10}, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^7, 4^{12}, 12^2\})$	16384
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{12}, 12^2\})$	81920
12	$\mathcal{O}(0; \{2^4, 4^{14}, 12^2\})$	65536
12	$\mathcal{O}(0; \{3^3, 4^{14}, 12^2\})$	327680
12	$\mathcal{O}(0; \{2, 4^{16}, 12^2\})$	262144
12	$\mathcal{O}(0; \{2^{22}, 3, 6, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{18}, 3^4, 6, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{14}, 3^7, 6, 12^2\})$	684
12	$\mathcal{O}(0; \{2^{10}, 3^{10}, 6, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^6, 3^{13}, 6, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^2, 3^{16}, 6, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{19}, 3, 4^2, 6, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^2, 6, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^2, 6, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^2, 6, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^2, 6, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{16}, 3, 4^4, 6, 12^2\})$	192
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^4, 6, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^7, 4^4, 6, 12^2\})$	10944

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^4, 6, 12^2\})$	87360
12	$\mathcal{O}(0; \{3^{13}, 4^4, 6, 12^2\})$	699072
12	$\mathcal{O}(0; \{2^{13}, 3, 4^6, 6, 12^2\})$	768
12	$\mathcal{O}(0; \{2^9, 3^4, 4^6, 6, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^7, 4^6, 6, 12^2\})$	43776
12	$\mathcal{O}(0; \{2, 3^{10}, 4^6, 6, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^{10}, 3, 4^8, 6, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^6, 3^4, 4^8, 6, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^7, 4^8, 6, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^7, 3, 4^{10}, 6, 12^2\})$	12288
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{10}, 6, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^4, 3, 4^{12}, 6, 12^2\})$	49152
12	$\mathcal{O}(0; \{3^4, 4^{12}, 6, 12^2\})$	344064
12	$\mathcal{O}(0; \{2, 3, 4^{14}, 6, 12^2\})$	196608
12	$\mathcal{O}(0; \{2^{19}, 3^2, 6^2, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{15}, 3^5, 6^2, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{11}, 3^8, 6^2, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^7, 3^{11}, 6^2, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^{14}, 6^2, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^2, 6^2, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^2, 6^2, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^8, 4^2, 6^2, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^2, 6^2, 12^2\})$	87376
12	$\mathcal{O}(0; \{3^{14}, 4^2, 6^2, 12^2\})$	699056
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^4, 6^2, 12^2\})$	704
12	$\mathcal{O}(0; \{2^9, 3^5, 4^4, 6^2, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^8, 4^4, 6^2, 12^2\})$	43712
12	$\mathcal{O}(0; \{2, 3^{11}, 4^4, 6^2, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^6, 6^2, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^5, 4^6, 6^2, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^8, 4^6, 6^2, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^7, 3^2, 4^8, 6^2, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^5, 4^8, 6^2, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{10}, 6^2, 12^2\})$	45056
12	$\mathcal{O}(0; \{3^5, 4^{10}, 6^2, 12^2\})$	348160
12	$\mathcal{O}(0; \{2, 3^2, 4^{12}, 6^2, 12^2\})$	180224
12	$\mathcal{O}(0; \{2^{20}, 6^3, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{16}, 3^3, 6^3, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{12}, 3^6, 6^3, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^9, 6^3, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^{12}, 6^3, 12^2\})$	87380
12	$\mathcal{O}(0; \{3^{15}, 6^3, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^{17}, 4^2, 6^3, 12^2\})$	80

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^2, 6^3, 12^2\})$	688
12	$\mathcal{O}(0; \{2^9, 3^6, 4^2, 6^3, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^9, 4^2, 6^3, 12^2\})$	43696
12	$\mathcal{O}(0; \{2, 3^{12}, 4^2, 6^3, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{14}, 4^4, 6^3, 12^2\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^4, 6^3, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^6, 4^4, 6^3, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^9, 4^4, 6^3, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^{11}, 4^6, 6^3, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^3, 4^6, 6^3, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^6, 4^6, 6^3, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^8, 4^8, 6^3, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^4, 3^3, 4^8, 6^3, 12^2\})$	44032
12	$\mathcal{O}(0; \{3^6, 4^8, 6^3, 12^2\})$	349184
12	$\mathcal{O}(0; \{2^5, 4^{10}, 6^3, 12^2\})$	20480
12	$\mathcal{O}(0; \{2, 3^3, 4^{10}, 6^3, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^2, 4^{12}, 6^3, 12^2\})$	81920
12	$\mathcal{O}(0; \{2^{17}, 3, 6^4, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^4, 6^4, 12^2\})$	684
12	$\mathcal{O}(0; \{2^9, 3^7, 6^4, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^{10}, 6^4, 12^2\})$	43692
12	$\mathcal{O}(0; \{2, 3^{13}, 6^4, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{14}, 3, 4^2, 6^4, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^2, 6^4, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^7, 4^2, 6^4, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^2, 6^4, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{11}, 3, 4^4, 6^4, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^4, 4^4, 6^4, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^7, 4^4, 6^4, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^8, 3, 4^6, 6^4, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^4, 4^6, 6^4, 12^2\})$	43776
12	$\mathcal{O}(0; \{3^7, 4^6, 6^4, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^5, 3, 4^8, 6^4, 12^2\})$	21504
12	$\mathcal{O}(0; \{2, 3^4, 4^8, 6^4, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^2, 3, 4^{10}, 6^4, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^{14}, 3^2, 6^5, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^5, 6^5, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^8, 6^5, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{11}, 6^5, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^2, 6^5, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^5, 4^2, 6^5, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^8, 4^2, 6^5, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^8, 3^2, 4^4, 6^5, 12^2\})$	5440

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^5, 4^4, 6^5, 12^2\})$	43712
12	$\mathcal{O}(0; \{3^8, 4^4, 6^5, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^5, 3^2, 4^6, 6^5, 12^2\})$	21760
12	$\mathcal{O}(0; \{2, 3^5, 4^6, 6^5, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^2, 4^8, 6^5, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^{15}, 6^6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^3, 6^6, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^6, 6^6, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^9, 6^6, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{12}, 4^2, 6^6, 12^2\})$	688
12	$\mathcal{O}(0; \{2^8, 3^3, 4^2, 6^6, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^6, 4^2, 6^6, 12^2\})$	43696
12	$\mathcal{O}(0; \{3^9, 4^2, 6^6, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^9, 4^4, 6^6, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^3, 4^4, 6^6, 12^2\})$	21824
12	$\mathcal{O}(0; \{2, 3^6, 4^4, 6^6, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^6, 4^6, 6^6, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^3, 4^6, 6^6, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^3, 4^8, 6^6, 12^2\})$	44032
12	$\mathcal{O}(0; \{4^{10}, 6^6, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^{12}, 3, 6^7, 12^2\})$	684
12	$\mathcal{O}(0; \{2^8, 3^4, 6^7, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^7, 6^7, 12^2\})$	43692
12	$\mathcal{O}(0; \{3^{10}, 6^7, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 6^7, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 6^7, 12^2\})$	21840
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 6^7, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 6^7, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 6^7, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 6^7, 12^2\})$	43776
12	$\mathcal{O}(0; \{3, 4^8, 6^7, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^9, 3^2, 6^8, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^5, 6^8, 12^2\})$	21844
12	$\mathcal{O}(0; \{2, 3^8, 6^8, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6^8, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6^8, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6^8, 12^2\})$	43712
12	$\mathcal{O}(0; \{3^2, 4^6, 6^8, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^{10}, 6^9, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^3, 6^9, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^6, 6^9, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^7, 4^2, 6^9, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^9, 12^2\})$	43696

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 4^4, 6^9, 12^2\})$	21824
12	$\mathcal{O}(0; \{3^3, 4^4, 6^9, 12^2\})$	174784
12	$\mathcal{O}(0; \{2, 4^6, 6^9, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^7, 3, 6^{10}, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^4, 6^{10}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^{10}, 12^2\})$	21840
12	$\mathcal{O}(0; \{3^4, 4^2, 6^{10}, 12^2\})$	174768
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^{10}, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^2, 6^{11}, 12^2\})$	21844
12	$\mathcal{O}(0; \{3^5, 6^{11}, 12^2\})$	174764
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^{11}, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^5, 6^{12}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2, 3^3, 6^{12}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^2, 4^2, 6^{12}, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^2, 3, 6^{13}, 12^2\})$	43692
12	$\mathcal{O}(0; \{6^{15}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{19}, 3^2, 4, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{15}, 3^5, 4, 12^3\})$	688
12	$\mathcal{O}(0; \{2^{11}, 3^8, 4, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^{11}, 4, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^{14}, 4, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^3, 12^3\})$	320
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^3, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^8, 4^3, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^3, 12^3\})$	174784
12	$\mathcal{O}(0; \{3^{14}, 4^3, 12^3\})$	1398080
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^5, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^9, 3^5, 4^5, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^8, 4^5, 12^3\})$	87296
12	$\mathcal{O}(0; \{2, 3^{11}, 4^5, 12^3\})$	699136
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^7, 12^3\})$	5120
12	$\mathcal{O}(0; \{2^6, 3^5, 4^7, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^8, 4^7, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^7, 3^2, 4^9, 12^3\})$	20480
12	$\mathcal{O}(0; \{2^3, 3^5, 4^9, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{11}, 12^3\})$	81920
12	$\mathcal{O}(0; \{3^5, 4^{11}, 12^3\})$	704512
12	$\mathcal{O}(0; \{2, 3^2, 4^{13}, 12^3\})$	327680
12	$\mathcal{O}(0; \{2^{20}, 4, 6, 12^3\})$	48
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4, 6, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4, 6, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^9, 4, 6, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4, 6, 12^3\})$	174768

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^{15}, 4, 6, 12^3\})$	1398096
12	$\mathcal{O}(0; \{2^{17}, 4^3, 6, 12^3\})$	192
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^3, 6, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^6, 4^3, 6, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^9, 4^3, 6, 12^3\})$	87360
12	$\mathcal{O}(0; \{2, 3^{12}, 4^3, 6, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^{14}, 4^5, 6, 12^3\})$	768
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^5, 6, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^6, 4^5, 6, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^9, 4^5, 6, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^{11}, 4^7, 6, 12^3\})$	3072
12	$\mathcal{O}(0; \{2^7, 3^3, 4^7, 6, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^6, 4^7, 6, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^8, 4^9, 6, 12^3\})$	12288
12	$\mathcal{O}(0; \{2^4, 3^3, 4^9, 6, 12^3\})$	86016
12	$\mathcal{O}(0; \{3^6, 4^9, 6, 12^3\})$	700416
12	$\mathcal{O}(0; \{2^5, 4^{11}, 6, 12^3\})$	49152
12	$\mathcal{O}(0; \{2, 3^3, 4^{11}, 6, 12^3\})$	344064
12	$\mathcal{O}(0; \{2^2, 4^{13}, 6, 12^3\})$	196608
12	$\mathcal{O}(0; \{2^{17}, 3, 4, 6^2, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4, 6^2, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^7, 4, 6^2, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4, 6^2, 12^3\})$	87376
12	$\mathcal{O}(0; \{2, 3^{13}, 4, 6^2, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{14}, 3, 4^3, 6^2, 12^3\})$	704
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^3, 6^2, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^7, 4^3, 6^2, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^3, 6^2, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^{11}, 3, 4^5, 6^2, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^4, 4^5, 6^2, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^7, 4^5, 6^2, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^8, 3, 4^7, 6^2, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^4, 4^7, 6^2, 12^3\})$	87040
12	$\mathcal{O}(0; \{3^7, 4^7, 6^2, 12^3\})$	699392
12	$\mathcal{O}(0; \{2^5, 3, 4^9, 6^2, 12^3\})$	45056
12	$\mathcal{O}(0; \{2, 3^4, 4^9, 6^2, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^2, 3, 4^{11}, 6^2, 12^3\})$	180224
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4, 6^3, 12^3\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4, 6^3, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^8, 4, 6^3, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4, 6^3, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^3, 6^3, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^5, 4^3, 6^3, 12^3\})$	21824

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^8, 4^3, 6^3, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^8, 3^2, 4^5, 6^3, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^5, 4^5, 6^3, 12^3\})$	87296
12	$\mathcal{O}(0; \{3^8, 4^5, 6^3, 12^3\})$	699136
12	$\mathcal{O}(0; \{2^5, 3^2, 4^7, 6^3, 12^3\})$	44032
12	$\mathcal{O}(0; \{2, 3^5, 4^7, 6^3, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^2, 4^9, 6^3, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^{15}, 4, 6^4, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4, 6^4, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^6, 4, 6^4, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^9, 4, 6^4, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{12}, 4^3, 6^4, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^3, 4^3, 6^4, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^6, 4^3, 6^4, 12^3\})$	87360
12	$\mathcal{O}(0; \{3^9, 4^3, 6^4, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^9, 4^5, 6^4, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^3, 4^5, 6^4, 12^3\})$	43776
12	$\mathcal{O}(0; \{2, 3^6, 4^5, 6^4, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^6, 4^7, 6^4, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^3, 4^7, 6^4, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^3, 4^9, 6^4, 12^3\})$	86016
12	$\mathcal{O}(0; \{4^{11}, 6^4, 12^3\})$	344064
12	$\mathcal{O}(0; \{2^{12}, 3, 4, 6^5, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^4, 4, 6^5, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^7, 4, 6^5, 12^3\})$	87376
12	$\mathcal{O}(0; \{3^{10}, 4, 6^5, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^9, 3, 4^3, 6^5, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^4, 4^3, 6^5, 12^3\})$	43712
12	$\mathcal{O}(0; \{2, 3^7, 4^3, 6^5, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^6, 3, 4^5, 6^5, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^4, 4^5, 6^5, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^3, 3, 4^7, 6^5, 12^3\})$	87040
12	$\mathcal{O}(0; \{3, 4^9, 6^5, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^9, 3^2, 4, 6^6, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^5, 4, 6^6, 12^3\})$	43696
12	$\mathcal{O}(0; \{2, 3^8, 4, 6^6, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 6^6, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 6^6, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 6^6, 12^3\})$	87296
12	$\mathcal{O}(0; \{3^2, 4^7, 6^6, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^{10}, 4, 6^7, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 6^7, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 6^7, 12^3\})$	174768

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^7, 4^3, 6^7, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6^7, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^4, 4^5, 6^7, 12^3\})$	43776
12	$\mathcal{O}(0; \{3^3, 4^5, 6^7, 12^3\})$	349440
12	$\mathcal{O}(0; \{2, 4^7, 6^7, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^7, 3, 4, 6^8, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^8, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^8, 12^3\})$	43712
12	$\mathcal{O}(0; \{3^4, 4^3, 6^8, 12^3\})$	349504
12	$\mathcal{O}(0; \{2, 3, 4^5, 6^8, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^9, 12^3\})$	43696
12	$\mathcal{O}(0; \{3^5, 4, 6^9, 12^3\})$	349520
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^9, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^5, 4, 6^{10}, 12^3\})$	21840
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^{10}, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^2, 4^3, 6^{10}, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^{11}, 12^3\})$	87376
12	$\mathcal{O}(0; \{4, 6^{13}, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{20}, 3, 12^4\})$	80
12	$\mathcal{O}(0; \{2^{16}, 3^4, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{12}, 3^7, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^8, 3^{10}, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^4, 3^{13}, 12^4\})$	349520
12	$\mathcal{O}(0; \{3^{16}, 12^4\})$	2796208
12	$\mathcal{O}(0; \{2^{17}, 3, 4^2, 12^4\})$	320
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^2, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^9, 3^7, 4^2, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^2, 12^4\})$	174784
12	$\mathcal{O}(0; \{2, 3^{13}, 4^2, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^{14}, 3, 4^4, 12^4\})$	1280
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^4, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^7, 4^4, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^4, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^{11}, 3, 4^6, 12^4\})$	5120
12	$\mathcal{O}(0; \{2^7, 3^4, 4^6, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^7, 4^6, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^8, 3, 4^8, 12^4\})$	20480
12	$\mathcal{O}(0; \{2^4, 3^4, 4^8, 12^4\})$	176128
12	$\mathcal{O}(0; \{3^7, 4^8, 12^4\})$	1396736
12	$\mathcal{O}(0; \{2^5, 3, 4^{10}, 12^4\})$	81920
12	$\mathcal{O}(0; \{2, 3^4, 4^{10}, 12^4\})$	704512
12	$\mathcal{O}(0; \{2^2, 3, 4^{12}, 12^4\})$	327680
12	$\mathcal{O}(0; \{2^{17}, 3^2, 6, 12^4\})$	336

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{13}, 3^5, 6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^9, 3^8, 6, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^5, 3^{11}, 6, 12^4\})$	174768
12	$\mathcal{O}(0; \{2, 3^{14}, 6, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^2, 6, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^2, 6, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^8, 4^2, 6, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^2, 6, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^4, 6, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^7, 3^5, 4^4, 6, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^8, 4^4, 6, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^8, 3^2, 4^6, 6, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^5, 4^6, 6, 12^4\})$	175104
12	$\mathcal{O}(0; \{3^8, 4^6, 6, 12^4\})$	1397760
12	$\mathcal{O}(0; \{2^5, 3^2, 4^8, 6, 12^4\})$	86016
12	$\mathcal{O}(0; \{2, 3^5, 4^8, 6, 12^4\})$	700416
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{10}, 6, 12^4\})$	344064
12	$\mathcal{O}(0; \{2^{18}, 6^2, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{14}, 3^3, 6^2, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^{10}, 3^6, 6^2, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^6, 3^9, 6^2, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^{12}, 6^2, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{15}, 4^2, 6^2, 12^4\})$	704
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^2, 6^2, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^6, 4^2, 6^2, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^9, 4^2, 6^2, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^{12}, 4^4, 6^2, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^8, 3^3, 4^4, 6^2, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^6, 4^4, 6^2, 12^4\})$	174848
12	$\mathcal{O}(0; \{3^9, 4^4, 6^2, 12^4\})$	1398016
12	$\mathcal{O}(0; \{2^9, 4^6, 6^2, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^5, 3^3, 4^6, 6^2, 12^4\})$	87040
12	$\mathcal{O}(0; \{2, 3^6, 4^6, 6^2, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^6, 4^8, 6^2, 12^4\})$	45056
12	$\mathcal{O}(0; \{2^2, 3^3, 4^8, 6^2, 12^4\})$	348160
12	$\mathcal{O}(0; \{2^3, 4^{10}, 6^2, 12^4\})$	180224
12	$\mathcal{O}(0; \{4^{12}, 6^2, 12^4\})$	720896
12	$\mathcal{O}(0; \{2^{15}, 3, 6^3, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{11}, 3^4, 6^3, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^7, 6^3, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^{10}, 6^3, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{12}, 3, 4^2, 6^3, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^4, 4^2, 6^3, 12^4\})$	21824

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^7, 4^2, 6^3, 12^4\})$	174784
12	$\mathcal{O}(0; \{3^{10}, 4^2, 6^3, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^9, 3, 4^4, 6^3, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^4, 4^4, 6^3, 12^4\})$	87296
12	$\mathcal{O}(0; \{2, 3^7, 4^4, 6^3, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^6, 3, 4^6, 6^3, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^4, 4^6, 6^3, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^3, 3, 4^8, 6^3, 12^4\})$	176128
12	$\mathcal{O}(0; \{3, 4^{10}, 6^3, 12^4\})$	704512
12	$\mathcal{O}(0; \{2^{12}, 3^2, 6^4, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^5, 6^4, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^8, 6^4, 12^4\})$	174768
12	$\mathcal{O}(0; \{3^{11}, 6^4, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^9, 3^2, 4^2, 6^4, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^5, 4^2, 6^4, 12^4\})$	87360
12	$\mathcal{O}(0; \{2, 3^8, 4^2, 6^4, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^6, 3^2, 4^4, 6^4, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^5, 4^4, 6^4, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^2, 4^6, 6^4, 12^4\})$	175104
12	$\mathcal{O}(0; \{3^2, 4^8, 6^4, 12^4\})$	700416
12	$\mathcal{O}(0; \{2^{13}, 6^5, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^3, 6^5, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^6, 6^5, 12^4\})$	87376
12	$\mathcal{O}(0; \{2, 3^9, 6^5, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{10}, 4^2, 6^5, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 6^5, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 6^5, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^7, 4^4, 6^5, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 6^5, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^4, 4^6, 6^5, 12^4\})$	87040
12	$\mathcal{O}(0; \{3^3, 4^6, 6^5, 12^4\})$	699392
12	$\mathcal{O}(0; \{2, 4^8, 6^5, 12^4\})$	348160
12	$\mathcal{O}(0; \{2^{10}, 3, 6^6, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^4, 6^6, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^7, 6^6, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 6^6, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6^6, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 6^6, 12^4\})$	87296
12	$\mathcal{O}(0; \{3^4, 4^4, 6^6, 12^4\})$	699136
12	$\mathcal{O}(0; \{2, 3, 4^6, 6^6, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^7, 3^2, 6^7, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^5, 6^7, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^7, 12^4\})$	87360

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^5, 4^2, 6^7, 12^4\})$	699072
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^7, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^8, 6^8, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^3, 6^8, 12^4\})$	87376
12	$\mathcal{O}(0; \{3^6, 6^8, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^5, 4^2, 6^8, 12^4\})$	43712
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^8, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^2, 4^4, 6^8, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^5, 3, 6^9, 12^4\})$	43696
12	$\mathcal{O}(0; \{2, 3^4, 6^9, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^9, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^2, 6^{10}, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^3, 6^{11}, 12^4\})$	87376
12	$\mathcal{O}(0; \{4^2, 6^{11}, 12^4\})$	349504
12	$\mathcal{O}(0; \{3, 6^{12}, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{18}, 4, 12^5\})$	320
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^9, 4, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^{15}, 4^3, 12^5\})$	1280
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^3, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^7, 3^6, 4^3, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^9, 4^3, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^{12}, 4^5, 12^5\})$	5120
12	$\mathcal{O}(0; \{2^8, 3^3, 4^5, 12^5\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^6, 4^5, 12^5\})$	349184
12	$\mathcal{O}(0; \{3^9, 4^5, 12^5\})$	2796544
12	$\mathcal{O}(0; \{2^9, 4^7, 12^5\})$	20480
12	$\mathcal{O}(0; \{2^5, 3^3, 4^7, 12^5\})$	176128
12	$\mathcal{O}(0; \{2, 3^6, 4^7, 12^5\})$	1396736
12	$\mathcal{O}(0; \{2^6, 4^9, 12^5\})$	81920
12	$\mathcal{O}(0; \{2^2, 3^3, 4^9, 12^5\})$	704512
12	$\mathcal{O}(0; \{2^3, 4^{11}, 12^5\})$	327680
12	$\mathcal{O}(0; \{4^{13}, 12^5\})$	1310720
12	$\mathcal{O}(0; \{2^{15}, 3, 4, 6, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4, 6, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^7, 4, 6, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4, 6, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^{12}, 3, 4^3, 6, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^8, 3^4, 4^3, 6, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^7, 4^3, 6, 12^5\})$	349440
12	$\mathcal{O}(0; \{3^{10}, 4^3, 6, 12^5\})$	2796288

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^9, 3, 4^5, 6, 12^5\})$	21504
12	$\mathcal{O}(0; \{2^5, 3^4, 4^5, 6, 12^5\})$	175104
12	$\mathcal{O}(0; \{2, 3^7, 4^5, 6, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^6, 3, 4^7, 6, 12^5\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^4, 4^7, 6, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^3, 3, 4^9, 6, 12^5\})$	344064
12	$\mathcal{O}(0; \{3, 4^{11}, 6, 12^5\})$	1376256
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4, 6^2, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^5, 4, 6^2, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^8, 4, 6^2, 12^5\})$	349504
12	$\mathcal{O}(0; \{3^{11}, 4, 6^2, 12^5\})$	2796224
12	$\mathcal{O}(0; \{2^9, 3^2, 4^3, 6^2, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^5, 4^3, 6^2, 12^5\})$	174848
12	$\mathcal{O}(0; \{2, 3^8, 4^3, 6^2, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^6, 3^2, 4^5, 6^2, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^5, 4^5, 6^2, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^3, 3^2, 4^7, 6^2, 12^5\})$	348160
12	$\mathcal{O}(0; \{3^2, 4^9, 6^2, 12^5\})$	1392640
12	$\mathcal{O}(0; \{2^{13}, 4, 6^3, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^9, 3^3, 4, 6^3, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^6, 4, 6^3, 12^5\})$	174784
12	$\mathcal{O}(0; \{2, 3^9, 4, 6^3, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^{10}, 4^3, 6^3, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^3, 4^3, 6^3, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^6, 4^3, 6^3, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^7, 4^5, 6^3, 12^5\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^3, 4^5, 6^3, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^4, 4^7, 6^3, 12^5\})$	176128
12	$\mathcal{O}(0; \{3^3, 4^7, 6^3, 12^5\})$	1396736
12	$\mathcal{O}(0; \{2, 4^9, 6^3, 12^5\})$	704512
12	$\mathcal{O}(0; \{2^{10}, 3, 4, 6^4, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^4, 4, 6^4, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^7, 4, 6^4, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^7, 3, 4^3, 6^4, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 6^4, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^4, 3, 4^5, 6^4, 12^5\})$	175104
12	$\mathcal{O}(0; \{3^4, 4^5, 6^4, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2, 3, 4^7, 6^4, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 6^5, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 6^5, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6^5, 12^5\})$	174848
12	$\mathcal{O}(0; \{3^5, 4^3, 6^5, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 6^5, 12^5\})$	699392

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^8, 4, 6^6, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^6, 12^5\})$	174784
12	$\mathcal{O}(0; \{3^6, 4, 6^6, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^5, 4^3, 6^6, 12^5\})$	87296
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^6, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^2, 4^5, 6^6, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^7, 12^5\})$	87360
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^7, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^7, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^8, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^3, 4, 6^9, 12^5\})$	174784
12	$\mathcal{O}(0; \{4^3, 6^9, 12^5\})$	699136
12	$\mathcal{O}(0; \{3, 4, 6^{10}, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^{15}, 3^2, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^{11}, 3^5, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^7, 3^8, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^3, 3^{11}, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^2, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^8, 3^5, 4^2, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^8, 4^2, 12^6\})$	699136
12	$\mathcal{O}(0; \{3^{11}, 4^2, 12^6\})$	5592320
12	$\mathcal{O}(0; \{2^9, 3^2, 4^4, 12^6\})$	44032
12	$\mathcal{O}(0; \{2^5, 3^5, 4^4, 12^6\})$	349184
12	$\mathcal{O}(0; \{2, 3^8, 4^4, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2^6, 3^2, 4^6, 12^6\})$	176128
12	$\mathcal{O}(0; \{2^2, 3^5, 4^6, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^3, 3^2, 4^8, 12^6\})$	704512
12	$\mathcal{O}(0; \{3^2, 4^{10}, 12^6\})$	2818048
12	$\mathcal{O}(0; \{2^{16}, 6, 12^6\})$	1344
12	$\mathcal{O}(0; \{2^{12}, 3^3, 6, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^8, 3^6, 6, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^9, 6, 12^6\})$	699072
12	$\mathcal{O}(0; \{3^{12}, 6, 12^6\})$	5592384
12	$\mathcal{O}(0; \{2^{13}, 4^2, 6, 12^6\})$	5376
12	$\mathcal{O}(0; \{2^9, 3^3, 4^2, 6, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^6, 4^2, 6, 12^6\})$	349440
12	$\mathcal{O}(0; \{2, 3^9, 4^2, 6, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^{10}, 4^4, 6, 12^6\})$	21504
12	$\mathcal{O}(0; \{2^6, 3^3, 4^4, 6, 12^6\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^6, 4^4, 6, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^7, 4^6, 6, 12^6\})$	86016
12	$\mathcal{O}(0; \{2^3, 3^3, 4^6, 6, 12^6\})$	700416
12	$\mathcal{O}(0; \{2^4, 4^8, 6, 12^6\})$	344064

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^3, 4^8, 6, 12^6\})$	2801664
12	$\mathcal{O}(0; \{2, 4^{10}, 6, 12^6\})$	1376256
12	$\mathcal{O}(0; \{2^{13}, 3, 6^2, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^9, 3^4, 6^2, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^7, 6^2, 12^6\})$	349504
12	$\mathcal{O}(0; \{2, 3^{10}, 6^2, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^{10}, 3, 4^2, 6^2, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^4, 4^2, 6^2, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^7, 4^2, 6^2, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^7, 3, 4^4, 6^2, 12^6\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^4, 4^4, 6^2, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^4, 3, 4^6, 6^2, 12^6\})$	348160
12	$\mathcal{O}(0; \{3^4, 4^6, 6^2, 12^6\})$	2797568
12	$\mathcal{O}(0; \{2, 3, 4^8, 6^2, 12^6\})$	1392640
12	$\mathcal{O}(0; \{2^{10}, 3^2, 6^3, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^5, 6^3, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^8, 6^3, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 6^3, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 6^3, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 6^3, 12^6\})$	349184
12	$\mathcal{O}(0; \{3^5, 4^4, 6^3, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2, 3^2, 4^6, 6^3, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^{11}, 6^4, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^3, 6^4, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^6, 6^4, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^8, 4^2, 6^4, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6^4, 12^6\})$	349440
12	$\mathcal{O}(0; \{3^6, 4^2, 6^4, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^5, 4^4, 6^4, 12^6\})$	175104
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 6^4, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^2, 4^6, 6^4, 12^6\})$	700416
12	$\mathcal{O}(0; \{2^8, 3, 6^5, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^4, 6^5, 12^6\})$	349504
12	$\mathcal{O}(0; \{3^7, 6^5, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^5, 12^6\})$	174848
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^5, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^5, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^5, 3^2, 6^6, 12^6\})$	174784
12	$\mathcal{O}(0; \{2, 3^5, 6^6, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^6, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^6, 6^7, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^3, 6^7, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^3, 4^2, 6^7, 12^6\})$	349440

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{4^4, 6^7, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^3, 3, 6^8, 12^6\})$	349504
12	$\mathcal{O}(0; \{3, 4^2, 6^8, 12^6\})$	1398016
12	$\mathcal{O}(0; \{3^2, 6^9, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2, 6^{10}, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^{13}, 3, 4, 12^7\})$	11008
12	$\mathcal{O}(0; \{2^9, 3^4, 4, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^7, 4, 12^7\})$	699136
12	$\mathcal{O}(0; \{2, 3^{10}, 4, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2^{10}, 3, 4^3, 12^7\})$	44032
12	$\mathcal{O}(0; \{2^6, 3^4, 4^3, 12^7\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^7, 4^3, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^7, 3, 4^5, 12^7\})$	176128
12	$\mathcal{O}(0; \{2^3, 3^4, 4^5, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2^4, 3, 4^7, 12^7\})$	704512
12	$\mathcal{O}(0; \{3^4, 4^7, 12^7\})$	5586944
12	$\mathcal{O}(0; \{2, 3, 4^9, 12^7\})$	2818048
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4, 6, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^5, 4, 6, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^8, 4, 6, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^7, 3^2, 4^3, 6, 12^7\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^5, 4^3, 6, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^4, 3^2, 4^5, 6, 12^7\})$	700416
12	$\mathcal{O}(0; \{3^5, 4^5, 6, 12^7\})$	5591040
12	$\mathcal{O}(0; \{2, 3^2, 4^7, 6, 12^7\})$	2801664
12	$\mathcal{O}(0; \{2^{11}, 4, 6^2, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 6^2, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 6^2, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^8, 4^3, 6^2, 12^7\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 6^2, 12^7\})$	699392
12	$\mathcal{O}(0; \{3^6, 4^3, 6^2, 12^7\})$	5592064
12	$\mathcal{O}(0; \{2^5, 4^5, 6^2, 12^7\})$	348160
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 6^2, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2^2, 4^7, 6^2, 12^7\})$	1392640
12	$\mathcal{O}(0; \{2^8, 3, 4, 6^3, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6^3, 12^7\})$	699136
12	$\mathcal{O}(0; \{3^7, 4, 6^3, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 6^3, 12^7\})$	349184
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6^3, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6^3, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^4, 12^7\})$	349440
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^4, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^4, 12^7\})$	1397760

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 4, 6^5, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^5, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^3, 4^3, 6^5, 12^7\})$	699392
12	$\mathcal{O}(0; \{4^5, 6^5, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^6, 12^7\})$	699136
12	$\mathcal{O}(0; \{3, 4^3, 6^6, 12^7\})$	2796544
12	$\mathcal{O}(0; \{3^2, 4, 6^7, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2, 4, 6^8, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^{14}, 12^8\})$	11008
12	$\mathcal{O}(0; \{2^{10}, 3^3, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^6, 3^6, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^2, 3^9, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^{11}, 4^2, 12^8\})$	44032
12	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 12^8\})$	349184
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^8, 4^4, 12^8\})$	176128
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 12^8\})$	1396736
12	$\mathcal{O}(0; \{3^6, 4^4, 12^8\})$	11186176
12	$\mathcal{O}(0; \{2^5, 4^6, 12^8\})$	704512
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 12^8\})$	5586944
12	$\mathcal{O}(0; \{2^2, 4^8, 12^8\})$	2818048
12	$\mathcal{O}(0; \{2^{11}, 3, 6, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^7, 3^4, 6, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^7, 6, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6, 12^8\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6, 12^8\})$	1397760
12	$\mathcal{O}(0; \{3^7, 4^2, 6, 12^8\})$	11185152
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6, 12^8\})$	700416
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 6, 12^8\})$	2801664
12	$\mathcal{O}(0; \{2^8, 3^2, 6^2, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^5, 6^2, 12^8\})$	1398016
12	$\mathcal{O}(0; \{3^8, 6^2, 12^8\})$	11184896
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^2, 12^8\})$	699392
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^2, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^2, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2^9, 6^3, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^3, 6^3, 12^8\})$	699136
12	$\mathcal{O}(0; \{2, 3^6, 6^3, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^6, 4^2, 6^3, 12^8\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^3, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^3, 4^4, 6^3, 12^8\})$	1396736
12	$\mathcal{O}(0; \{4^6, 6^3, 12^8\})$	5586944

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3, 6^4, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^4, 6^4, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^4, 12^8\})$	1397760
12	$\mathcal{O}(0; \{3, 4^4, 6^4, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2^3, 3^2, 6^5, 12^8\})$	1398016
12	$\mathcal{O}(0; \{3^2, 4^2, 6^5, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2^4, 6^6, 12^8\})$	699136
12	$\mathcal{O}(0; \{3^3, 6^6, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2, 4^2, 6^6, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2, 3, 6^7, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 12^9\})$	349184
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 12^9\})$	2796544
12	$\mathcal{O}(0; \{3^8, 4, 12^9\})$	22369280
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 12^9\})$	1396736
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 12^9\})$	11186176
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 12^9\})$	5586944
12	$\mathcal{O}(0; \{2^9, 4, 6, 12^9\})$	175104
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2, 3^6, 4, 6, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2^6, 4^3, 6, 12^9\})$	700416
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6, 12^9\})$	5591040
12	$\mathcal{O}(0; \{2^3, 4^5, 6, 12^9\})$	2801664
12	$\mathcal{O}(0; \{4^7, 6, 12^9\})$	11206656
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^2, 12^9\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^2, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^2, 12^9\})$	2797568
12	$\mathcal{O}(0; \{3, 4^5, 6^2, 12^9\})$	11190272
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^3, 12^9\})$	2796544
12	$\mathcal{O}(0; \{3^2, 4^3, 6^3, 12^9\})$	11186176
12	$\mathcal{O}(0; \{2^4, 4, 6^4, 12^9\})$	1397760
12	$\mathcal{O}(0; \{3^3, 4, 6^4, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2, 4^3, 6^4, 12^9\})$	5591040
12	$\mathcal{O}(0; \{2, 3, 4, 6^5, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^9, 3, 12^{10}\})$	349184
12	$\mathcal{O}(0; \{2^5, 3^4, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2, 3^7, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 12^{10}\})$	1396736
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 12^{10}\})$	5586944
12	$\mathcal{O}(0; \{3, 4^6, 12^{10}\})$	22347776
12	$\mathcal{O}(0; \{2^6, 3^2, 6, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3^5, 6, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6, 12^{10}\})$	5591040

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^2, 4^4, 6, 12^{10}\})$	22364160
12	$\mathcal{O}(0; \{2^7, 6^2, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2^4, 4^2, 6^2, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{3^3, 4^2, 6^2, 12^{10}\})$	22368256
12	$\mathcal{O}(0; \{2, 4^4, 6^2, 12^{10}\})$	11190272
12	$\mathcal{O}(0; \{2^4, 3, 6^3, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{3^4, 6^3, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^3, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{2, 3^2, 6^4, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^2, 6^5, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2^7, 4, 12^{11}\})$	1396736
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{2^4, 4^3, 12^{11}\})$	5586944
12	$\mathcal{O}(0; \{3^3, 4^3, 12^{11}\})$	44744704
12	$\mathcal{O}(0; \{2, 4^5, 12^{11}\})$	22347776
12	$\mathcal{O}(0; \{2^4, 3, 4, 6, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{3^4, 4, 6, 12^{11}\})$	44740608
12	$\mathcal{O}(0; \{2, 3, 4^3, 6, 12^{11}\})$	22364160
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^2, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{2^2, 4, 6^3, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{2^4, 3^2, 12^{12}\})$	11186176
12	$\mathcal{O}(0; \{3^5, 12^{12}\})$	89477120
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 12^{12}\})$	44744704
12	$\mathcal{O}(0; \{2^5, 6, 12^{12}\})$	5591040
12	$\mathcal{O}(0; \{2, 3^3, 6, 12^{12}\})$	44740608
12	$\mathcal{O}(0; \{2^2, 4^2, 6, 12^{12}\})$	22364160
12	$\mathcal{O}(0; \{2^2, 3, 6^2, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{6^4, 12^{12}\})$	44740608
12	$\mathcal{O}(0; \{2^2, 3, 4, 12^{13}\})$	44744704
12	$\mathcal{O}(0; \{4, 6^2, 12^{13}\})$	89473024
12	$\mathcal{O}(0; \{2^3, 12^{14}\})$	44744704
12	$\mathcal{O}(0; \{4^2, 12^{14}\})$	178978816
12	$\mathcal{O}(0; \{3, 6, 12^{14}\})$	178962432
13	$\mathcal{O}(3; \{13^8\})$	159649198308444
14	$\mathcal{O}(5; \{7^3\})$	8669165391810
14	$\mathcal{O}(4; \{2^4, 7^3\})$	44273671680
14	$\mathcal{O}(4; \{2^2, 7^2, 14^2\})$	274496764416
14	$\mathcal{O}(4; \{7, 14^4\})$	1638125852160
14	$\mathcal{O}(3; \{2^8, 7^3\})$	225886080
14	$\mathcal{O}(3; \{2, 7^6, 14\})$	301106144640
14	$\mathcal{O}(3; \{2^6, 7^2, 14^2\})$	1400493696
14	$\mathcal{O}(3; \{2^4, 7, 14^4\})$	8357784960

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(3; \{2^2, 14^6\})$	50191886976
14	$\mathcal{O}(2; \{2^{12}, 7^3\})$	1152480
14	$\mathcal{O}(2; \{7^{10}\})$	311098506390
14	$\mathcal{O}(2; \{2^5, 7^6, 14\})$	1536255840
14	$\mathcal{O}(2; \{2^{10}, 7^2, 14^2\})$	7145376
14	$\mathcal{O}(2; \{2^3, 7^5, 14^3\})$	9217765536
14	$\mathcal{O}(2; \{2^8, 7, 14^4\})$	42641760
14	$\mathcal{O}(2; \{2, 7^4, 14^5\})$	55306362720
14	$\mathcal{O}(2; \{2^6, 14^6\})$	256081056
14	$\mathcal{O}(1; \{2^{16}, 7^3\})$	5880
14	$\mathcal{O}(1; \{2^4, 7^{10}\})$	1693053096
14	$\mathcal{O}(1; \{2^9, 7^6, 14\})$	7838040
14	$\mathcal{O}(1; \{2^{14}, 7^2, 14^2\})$	36456
14	$\mathcal{O}(1; \{2^2, 7^9, 14^2\})$	10158317400
14	$\mathcal{O}(1; \{2^7, 7^5, 14^3\})$	47029416
14	$\mathcal{O}(1; \{2^{12}, 7, 14^4\})$	217560
14	$\mathcal{O}(1; \{7^8, 14^4\})$	60949905576
14	$\mathcal{O}(1; \{2^5, 7^4, 14^5\})$	282175320
14	$\mathcal{O}(1; \{2^{10}, 14^6\})$	1306536
14	$\mathcal{O}(1; \{2^3, 7^3, 14^7\})$	1693053096
14	$\mathcal{O}(1; \{2, 7^2, 14^9\})$	10158317400
14	$\mathcal{O}(0; \{2^{20}, 7^3\})$	30
14	$\mathcal{O}(0; \{2^8, 7^{10}\})$	8638026
14	$\mathcal{O}(0; \{2^{13}, 7^6, 14\})$	39990
14	$\mathcal{O}(0; \{2, 7^{13}, 14\})$	11194880586
14	$\mathcal{O}(0; \{2^{18}, 7^2, 14^2\})$	186
14	$\mathcal{O}(0; \{2^6, 7^9, 14^2\})$	51828150
14	$\mathcal{O}(0; \{2^{11}, 7^5, 14^3\})$	239946
14	$\mathcal{O}(0; \{2^{16}, 7, 14^4\})$	1110
14	$\mathcal{O}(0; \{2^4, 7^8, 14^4\})$	310968906
14	$\mathcal{O}(0; \{2^9, 7^4, 14^5\})$	1439670
14	$\mathcal{O}(0; \{2^{14}, 14^6\})$	6666
14	$\mathcal{O}(0; \{2^2, 7^7, 14^6\})$	1865813430
14	$\mathcal{O}(0; \{2^7, 7^3, 14^7\})$	8638026
14	$\mathcal{O}(0; \{7^6, 14^8\})$	11194880586
14	$\mathcal{O}(0; \{2^5, 7^2, 14^9\})$	51828150
14	$\mathcal{O}(0; \{2^3, 7, 14^{11}\})$	310968906
14	$\mathcal{O}(0; \{2, 14^{13}\})$	1865813430
15	$\mathcal{O}(5; \{15^2\})$	4613203125000
15	$\mathcal{O}(4; \{3^2, 5^2, 15\})$	61509375000
15	$\mathcal{O}(4; \{3^3, 15^2\})$	102515625000
15	$\mathcal{O}(3; \{3^4, 5^4\})$	3553875000
15	$\mathcal{O}(3; \{3^5, 5^2, 15\})$	3007125000

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(3; \{3^6, 15^2\})$	3918375000
15	$\mathcal{O}(3; \{5^5, 15^2\})$	74631375000
15	$\mathcal{O}(3; \{3, 5^3, 15^3\})$	56041875000
15	$\mathcal{O}(3; \{3^2, 5, 15^4\})$	51121125000
15	$\mathcal{O}(2; \{3^7, 5^4\})$	110565000
15	$\mathcal{O}(2; \{3^8, 5^2, 15\})$	103275000
15	$\mathcal{O}(2; \{3^2, 5^7, 15\})$	1327185000
15	$\mathcal{O}(2; \{3^9, 15^2\})$	138105000
15	$\mathcal{O}(2; \{3^3, 5^5, 15^2\})$	1658475000
15	$\mathcal{O}(2; \{3^4, 5^3, 15^3\})$	1743525000
15	$\mathcal{O}(2; \{3^5, 5, 15^4\})$	1755675000
15	$\mathcal{O}(2; \{5^4, 15^5\})$	26541675000
15	$\mathcal{O}(2; \{3, 5^2, 15^6\})$	27870885000
15	$\mathcal{O}(2; \{3^2, 15^7\})$	28194075000
15	$\mathcal{O}(1; \{3^{10}, 5^4\})$	4001400
15	$\mathcal{O}(1; \{3^4, 5^9\})$	70777800
15	$\mathcal{O}(1; \{3^{11}, 5^2, 15\})$	3688200
15	$\mathcal{O}(1; \{3^5, 5^7, 15\})$	64884600
15	$\mathcal{O}(1; \{3^{12}, 15^2\})$	4915800
15	$\mathcal{O}(1; \{3^6, 5^5, 15^2\})$	63390600
15	$\mathcal{O}(1; \{5^{10}, 15^2\})$	1509949800
15	$\mathcal{O}(1; \{3^7, 5^3, 15^3\})$	63099000
15	$\mathcal{O}(1; \{3, 5^8, 15^3\})$	1132461000
15	$\mathcal{O}(1; \{3^8, 5, 15^4\})$	62699400
15	$\mathcal{O}(1; \{3^2, 5^6, 15^4\})$	1038094200
15	$\mathcal{O}(1; \{3^3, 5^4, 15^5\})$	1014481800
15	$\mathcal{O}(1; \{3^4, 5^2, 15^6\})$	1008660600
15	$\mathcal{O}(1; \{3^5, 15^7\})$	1006878600
15	$\mathcal{O}(1; \{5^3, 15^8\})$	16231941000
15	$\mathcal{O}(1; \{3, 5, 15^9\})$	16137646200
15	$\mathcal{O}(0; \{3^{13}, 5^4\})$	141960
15	$\mathcal{O}(0; \{3^7, 5^9\})$	2201976
15	$\mathcal{O}(0; \{3^{14}, 5^2, 15\})$	131064
15	$\mathcal{O}(0; \{3^8, 5^7, 15\})$	2228360
15	$\mathcal{O}(0; \{3^2, 5^{12}, 15\})$	26843544
15	$\mathcal{O}(0; \{3^{15}, 15^2\})$	174760
15	$\mathcal{O}(0; \{3^9, 5^5, 15^2\})$	2234232
15	$\mathcal{O}(0; \{3^3, 5^{10}, 15^2\})$	33554440
15	$\mathcal{O}(0; \{3^{10}, 5^3, 15^3\})$	2238600
15	$\mathcal{O}(0; \{3^4, 5^8, 15^3\})$	35232120
15	$\mathcal{O}(0; \{3^{11}, 5, 15^4\})$	2228088
15	$\mathcal{O}(0; \{3^5, 5^6, 15^4\})$	35651720
15	$\mathcal{O}(0; \{3^6, 5^4, 15^5\})$	35755896

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{5^9, 15^5\})$	536870920
15	$\mathcal{O}(0; \{3^7, 5^2, 15^6\})$	35784840
15	$\mathcal{O}(0; \{3, 5^7, 15^6\})$	563714424
15	$\mathcal{O}(0; \{3^8, 15^7\})$	35780472
15	$\mathcal{O}(0; \{3^2, 5^5, 15^7\})$	570425480
15	$\mathcal{O}(0; \{3^3, 5^3, 15^8\})$	572102520
15	$\mathcal{O}(0; \{3^4, 5, 15^9\})$	572524680
15	$\mathcal{O}(0; \{5^2, 15^{11}\})$	9153648504
15	$\mathcal{O}(0; \{3, 15^{12}\})$	9160362120
16	$\mathcal{O}(4; \{2^3, 8^2\})$	17112760320
16	$\mathcal{O}(4; \{4^2, 8^2\})$	68451041280
16	$\mathcal{O}(4; \{2, 8, 16^2\})$	137438953472
16	$\mathcal{O}(3; \{2^7, 8^2\})$	66060288
16	$\mathcal{O}(3; \{2^4, 4^2, 8^2\})$	264241152
16	$\mathcal{O}(3; \{2, 4^4, 8^2\})$	1056964608
16	$\mathcal{O}(3; \{2^2, 4, 8^4\})$	2113929216
16	$\mathcal{O}(3; \{8^6\})$	16911433728
16	$\mathcal{O}(3; \{2^5, 8, 16^2\})$	536870912
16	$\mathcal{O}(3; \{2^2, 4^2, 8, 16^2\})$	2147483648
16	$\mathcal{O}(3; \{4, 8^3, 16^2\})$	17179869184
16	$\mathcal{O}(3; \{2^3, 16^4\})$	8589934592
16	$\mathcal{O}(3; \{4^2, 16^4\})$	34359738368
16	$\mathcal{O}(2; \{2^{11}, 8^2\})$	245760
16	$\mathcal{O}(2; \{2^8, 4^2, 8^2\})$	983040
16	$\mathcal{O}(2; \{2^5, 4^4, 8^2\})$	3932160
16	$\mathcal{O}(2; \{2^2, 4^6, 8^2\})$	15728640
16	$\mathcal{O}(2; \{2^6, 4, 8^4\})$	7864320
16	$\mathcal{O}(2; \{2^3, 4^3, 8^4\})$	31457280
16	$\mathcal{O}(2; \{4^5, 8^4\})$	125829120
16	$\mathcal{O}(2; \{2^4, 8^6\})$	62914560
16	$\mathcal{O}(2; \{2, 4^2, 8^6\})$	251658240
16	$\mathcal{O}(2; \{2^9, 8, 16^2\})$	2097152
16	$\mathcal{O}(2; \{2^6, 4^2, 8, 16^2\})$	8388608
16	$\mathcal{O}(2; \{2^3, 4^4, 8, 16^2\})$	33554432
16	$\mathcal{O}(2; \{4^6, 8, 16^2\})$	134217728
16	$\mathcal{O}(2; \{2^4, 4, 8^3, 16^2\})$	67108864
16	$\mathcal{O}(2; \{2, 4^3, 8^3, 16^2\})$	268435456
16	$\mathcal{O}(2; \{2^2, 8^5, 16^2\})$	536870912
16	$\mathcal{O}(2; \{2^7, 16^4\})$	33554432
16	$\mathcal{O}(2; \{2^4, 4^2, 16^4\})$	134217728
16	$\mathcal{O}(2; \{2, 4^4, 16^4\})$	536870912
16	$\mathcal{O}(2; \{2^2, 4, 8^2, 16^4\})$	1073741824
16	$\mathcal{O}(2; \{8^4, 16^4\})$	8589934592

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{4, 8, 16^6\})$	17179869184
16	$\mathcal{O}(1; \{2^{15}, 8^2\})$	768
16	$\mathcal{O}(1; \{2^{12}, 4^2, 8^2\})$	3072
16	$\mathcal{O}(1; \{2^9, 4^4, 8^2\})$	12288
16	$\mathcal{O}(1; \{2^6, 4^6, 8^2\})$	49152
16	$\mathcal{O}(1; \{2^3, 4^8, 8^2\})$	196608
16	$\mathcal{O}(1; \{4^{10}, 8^2\})$	786432
16	$\mathcal{O}(1; \{2^{10}, 4, 8^4\})$	24576
16	$\mathcal{O}(1; \{2^7, 4^3, 8^4\})$	98304
16	$\mathcal{O}(1; \{2^4, 4^5, 8^4\})$	393216
16	$\mathcal{O}(1; \{2, 4^7, 8^4\})$	1572864
16	$\mathcal{O}(1; \{2^8, 8^6\})$	196608
16	$\mathcal{O}(1; \{2^5, 4^2, 8^6\})$	786432
16	$\mathcal{O}(1; \{2^2, 4^4, 8^6\})$	3145728
16	$\mathcal{O}(1; \{2^3, 4, 8^8\})$	6291456
16	$\mathcal{O}(1; \{4^3, 8^8\})$	25165824
16	$\mathcal{O}(1; \{2, 8^{10}\})$	50331648
16	$\mathcal{O}(1; \{2^{13}, 8, 16^2\})$	8192
16	$\mathcal{O}(1; \{2^{10}, 4^2, 8, 16^2\})$	32768
16	$\mathcal{O}(1; \{2^7, 4^4, 8, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^4, 4^6, 8, 16^2\})$	524288
16	$\mathcal{O}(1; \{2, 4^8, 8, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2^8, 4, 8^3, 16^2\})$	262144
16	$\mathcal{O}(1; \{2^5, 4^3, 8^3, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2^2, 4^5, 8^3, 16^2\})$	4194304
16	$\mathcal{O}(1; \{2^6, 8^5, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2^3, 4^2, 8^5, 16^2\})$	8388608
16	$\mathcal{O}(1; \{4^4, 8^5, 16^2\})$	33554432
16	$\mathcal{O}(1; \{2, 4, 8^7, 16^2\})$	67108864
16	$\mathcal{O}(1; \{2^{11}, 16^4\})$	131072
16	$\mathcal{O}(1; \{2^8, 4^2, 16^4\})$	524288
16	$\mathcal{O}(1; \{2^5, 4^4, 16^4\})$	2097152
16	$\mathcal{O}(1; \{2^2, 4^6, 16^4\})$	8388608
16	$\mathcal{O}(1; \{2^6, 4, 8^2, 16^4\})$	4194304
16	$\mathcal{O}(1; \{2^3, 4^3, 8^2, 16^4\})$	16777216
16	$\mathcal{O}(1; \{4^5, 8^2, 16^4\})$	67108864
16	$\mathcal{O}(1; \{2^4, 8^4, 16^4\})$	33554432
16	$\mathcal{O}(1; \{2, 4^2, 8^4, 16^4\})$	134217728
16	$\mathcal{O}(1; \{2^4, 4, 8, 16^6\})$	67108864
16	$\mathcal{O}(1; \{2, 4^3, 8, 16^6\})$	268435456
16	$\mathcal{O}(1; \{2^2, 8^3, 16^6\})$	536870912
16	$\mathcal{O}(1; \{2^2, 4, 16^8\})$	1073741824
16	$\mathcal{O}(1; \{8^2, 16^8\})$	8589934592

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{2^{17}, 8, 16^2\})$	32
16	$\mathcal{O}(0; \{2^{14}, 4^2, 8, 16^2\})$	128
16	$\mathcal{O}(0; \{2^{11}, 4^4, 8, 16^2\})$	512
16	$\mathcal{O}(0; \{2^8, 4^6, 8, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^5, 4^8, 8, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^2, 4^{10}, 8, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^{12}, 4, 8^3, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^9, 4^3, 8^3, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^6, 4^5, 8^3, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^3, 4^7, 8^3, 16^2\})$	65536
16	$\mathcal{O}(0; \{4^9, 8^3, 16^2\})$	262144
16	$\mathcal{O}(0; \{2^{10}, 8^5, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^7, 4^2, 8^5, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^4, 4^4, 8^5, 16^2\})$	131072
16	$\mathcal{O}(0; \{2, 4^6, 8^5, 16^2\})$	524288
16	$\mathcal{O}(0; \{2^5, 4, 8^7, 16^2\})$	262144
16	$\mathcal{O}(0; \{2^2, 4^3, 8^7, 16^2\})$	1048576
16	$\mathcal{O}(0; \{2^3, 8^9, 16^2\})$	2097152
16	$\mathcal{O}(0; \{4^2, 8^9, 16^2\})$	8388608
16	$\mathcal{O}(0; \{2^{15}, 16^4\})$	512
16	$\mathcal{O}(0; \{2^{12}, 4^2, 16^4\})$	2048
16	$\mathcal{O}(0; \{2^9, 4^4, 16^4\})$	8192
16	$\mathcal{O}(0; \{2^6, 4^6, 16^4\})$	32768
16	$\mathcal{O}(0; \{2^3, 4^8, 16^4\})$	131072
16	$\mathcal{O}(0; \{4^{10}, 16^4\})$	524288
16	$\mathcal{O}(0; \{2^{10}, 4, 8^2, 16^4\})$	16384
16	$\mathcal{O}(0; \{2^7, 4^3, 8^2, 16^4\})$	65536
16	$\mathcal{O}(0; \{2^4, 4^5, 8^2, 16^4\})$	262144
16	$\mathcal{O}(0; \{2, 4^7, 8^2, 16^4\})$	1048576
16	$\mathcal{O}(0; \{2^8, 8^4, 16^4\})$	131072
16	$\mathcal{O}(0; \{2^5, 4^2, 8^4, 16^4\})$	524288
16	$\mathcal{O}(0; \{2^2, 4^4, 8^4, 16^4\})$	2097152
16	$\mathcal{O}(0; \{2^3, 4, 8^6, 16^4\})$	4194304
16	$\mathcal{O}(0; \{4^3, 8^6, 16^4\})$	16777216
16	$\mathcal{O}(0; \{2, 8^8, 16^4\})$	33554432
16	$\mathcal{O}(0; \{2^8, 4, 8, 16^6\})$	262144
16	$\mathcal{O}(0; \{2^5, 4^3, 8, 16^6\})$	1048576
16	$\mathcal{O}(0; \{2^2, 4^5, 8, 16^6\})$	4194304
16	$\mathcal{O}(0; \{2^6, 8^3, 16^6\})$	2097152
16	$\mathcal{O}(0; \{2^3, 4^2, 8^3, 16^6\})$	8388608
16	$\mathcal{O}(0; \{4^4, 8^3, 16^6\})$	33554432
16	$\mathcal{O}(0; \{2, 4, 8^5, 16^6\})$	67108864
16	$\mathcal{O}(0; \{2^6, 4, 16^8\})$	4194304

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{2^3, 4^3, 16^8\})$	16777216
16	$\mathcal{O}(0; \{4^5, 16^8\})$	67108864
16	$\mathcal{O}(0; \{2^4, 8^2, 16^8\})$	33554432
16	$\mathcal{O}(0; \{2, 4^2, 8^2, 16^8\})$	134217728
16	$\mathcal{O}(0; \{2^2, 8, 16^{10}\})$	536870912
16	$\mathcal{O}(0; \{16^{12}\})$	8589934592
17	$\mathcal{O}(3; \{17^5\})$	1488805255920
18	$\mathcal{O}(3; \{3, 9^4\})$	10847773692
18	$\mathcal{O}(3; \{2^3, 9^2, 18\})$	612220032
18	$\mathcal{O}(3; \{3, 6, 9^2, 18\})$	2448880128
18	$\mathcal{O}(3; \{2^2, 3^2, 18^2\})$	816293376
18	$\mathcal{O}(3; \{2^3, 6, 18^2\})$	408146688
18	$\mathcal{O}(3; \{3, 6^2, 18^2\})$	1632586752
18	$\mathcal{O}(3; \{2, 9, 18^3\})$	5509980288
18	$\mathcal{O}(2; \{2^4, 3, 9^4\})$	34012224
18	$\mathcal{O}(2; \{3^4, 9^4\})$	255091680
18	$\mathcal{O}(2; \{2, 3^2, 6, 9^4\})$	136048896
18	$\mathcal{O}(2; \{2^2, 6^2, 9^4\})$	68024448
18	$\mathcal{O}(2; \{9^7\})$	3013270470
18	$\mathcal{O}(2; \{2^7, 9^2, 18\})$	1889568
18	$\mathcal{O}(2; \{2^3, 3^3, 9^2, 18\})$	15116544
18	$\mathcal{O}(2; \{2^4, 3, 6, 9^2, 18\})$	7558272
18	$\mathcal{O}(2; \{3^4, 6, 9^2, 18\})$	60466176
18	$\mathcal{O}(2; \{2, 3^2, 6^2, 9^2, 18\})$	30233088
18	$\mathcal{O}(2; \{2^2, 6^3, 9^2, 18\})$	15116544
18	$\mathcal{O}(2; \{6, 9^5, 18\})$	1122403392
18	$\mathcal{O}(2; \{2^6, 3^2, 18^2\})$	2519424
18	$\mathcal{O}(2; \{2^2, 3^5, 18^2\})$	20155392
18	$\mathcal{O}(2; \{2^7, 6, 18^2\})$	1259712
18	$\mathcal{O}(2; \{2^3, 3^3, 6, 18^2\})$	10077696
18	$\mathcal{O}(2; \{2^4, 3, 6^2, 18^2\})$	5038848
18	$\mathcal{O}(2; \{3^4, 6^2, 18^2\})$	40310784
18	$\mathcal{O}(2; \{2, 3^2, 6^3, 18^2\})$	20155392
18	$\mathcal{O}(2; \{2^2, 6^4, 18^2\})$	10077696
18	$\mathcal{O}(2; \{2^2, 3, 9^3, 18^2\})$	170061120
18	$\mathcal{O}(2; \{6^2, 9^3, 18^2\})$	340122240
18	$\mathcal{O}(2; \{2^5, 9, 18^3\})$	17006112
18	$\mathcal{O}(2; \{2, 3^3, 9, 18^3\})$	136048896
18	$\mathcal{O}(2; \{2^2, 3, 6, 9, 18^3\})$	68024448
18	$\mathcal{O}(2; \{6^3, 9, 18^3\})$	136048896
18	$\mathcal{O}(2; \{3, 9^2, 18^4\})$	1122403392
18	$\mathcal{O}(2; \{2^3, 18^5\})$	85030560
18	$\mathcal{O}(2; \{3, 6, 18^5\})$	340122240

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^8, 3, 9^4\})$	104976
18	$\mathcal{O}(1; \{2^4, 3^4, 9^4\})$	839808
18	$\mathcal{O}(1; \{3^7, 9^4\})$	5038848
18	$\mathcal{O}(1; \{2^5, 3^2, 6, 9^4\})$	419904
18	$\mathcal{O}(1; \{2, 3^5, 6, 9^4\})$	3359232
18	$\mathcal{O}(1; \{2^6, 6^2, 9^4\})$	209952
18	$\mathcal{O}(1; \{2^2, 3^3, 6^2, 9^4\})$	1679616
18	$\mathcal{O}(1; \{2^3, 3, 6^3, 9^4\})$	839808
18	$\mathcal{O}(1; \{3^2, 6^4, 9^4\})$	3359232
18	$\mathcal{O}(1; \{2, 6^5, 9^4\})$	1679616
18	$\mathcal{O}(1; \{2^4, 9^7\})$	9920232
18	$\mathcal{O}(1; \{3^3, 9^7\})$	59521392
18	$\mathcal{O}(1; \{2, 3, 6, 9^7\})$	39680928
18	$\mathcal{O}(1; \{2^{11}, 9^2, 18\})$	5832
18	$\mathcal{O}(1; \{2^7, 3^3, 9^2, 18\})$	46656
18	$\mathcal{O}(1; \{2^3, 3^6, 9^2, 18\})$	373248
18	$\mathcal{O}(1; \{2^8, 3, 6, 9^2, 18\})$	23328
18	$\mathcal{O}(1; \{2^4, 3^4, 6, 9^2, 18\})$	186624
18	$\mathcal{O}(1; \{3^7, 6, 9^2, 18\})$	1492992
18	$\mathcal{O}(1; \{2^5, 3^2, 6^2, 9^2, 18\})$	93312
18	$\mathcal{O}(1; \{2, 3^5, 6^2, 9^2, 18\})$	746496
18	$\mathcal{O}(1; \{2^6, 6^3, 9^2, 18\})$	46656
18	$\mathcal{O}(1; \{2^2, 3^3, 6^3, 9^2, 18\})$	373248
18	$\mathcal{O}(1; \{2^3, 3, 6^4, 9^2, 18\})$	186624
18	$\mathcal{O}(1; \{3^2, 6^5, 9^2, 18\})$	746496
18	$\mathcal{O}(1; \{2, 6^6, 9^2, 18\})$	373248
18	$\mathcal{O}(1; \{2^3, 3^2, 9^5, 18\})$	6928416
18	$\mathcal{O}(1; \{2^4, 6, 9^5, 18\})$	3464208
18	$\mathcal{O}(1; \{3^3, 6, 9^5, 18\})$	27713664
18	$\mathcal{O}(1; \{2, 3, 6^2, 9^5, 18\})$	13856832
18	$\mathcal{O}(1; \{2^{10}, 3^2, 18^2\})$	7776
18	$\mathcal{O}(1; \{2^6, 3^5, 18^2\})$	62208
18	$\mathcal{O}(1; \{2^2, 3^8, 18^2\})$	497664
18	$\mathcal{O}(1; \{2^{11}, 6, 18^2\})$	3888
18	$\mathcal{O}(1; \{2^7, 3^3, 6, 18^2\})$	31104
18	$\mathcal{O}(1; \{2^3, 3^6, 6, 18^2\})$	248832
18	$\mathcal{O}(1; \{2^8, 3, 6^2, 18^2\})$	15552
18	$\mathcal{O}(1; \{2^4, 3^4, 6^2, 18^2\})$	124416
18	$\mathcal{O}(1; \{3^7, 6^2, 18^2\})$	995328
18	$\mathcal{O}(1; \{2^5, 3^2, 6^3, 18^2\})$	62208
18	$\mathcal{O}(1; \{2, 3^5, 6^3, 18^2\})$	497664
18	$\mathcal{O}(1; \{2^6, 6^4, 18^2\})$	31104
18	$\mathcal{O}(1; \{2^2, 3^3, 6^4, 18^2\})$	248832

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^3, 3, 6^5, 18^2\})$	124416
18	$\mathcal{O}(1; \{3^2, 6^6, 18^2\})$	497664
18	$\mathcal{O}(1; \{2, 6^7, 18^2\})$	248832
18	$\mathcal{O}(1; \{2^6, 3, 9^3, 18^2\})$	524880
18	$\mathcal{O}(1; \{2^2, 3^4, 9^3, 18^2\})$	4199040
18	$\mathcal{O}(1; \{2^3, 3^2, 6, 9^3, 18^2\})$	2099520
18	$\mathcal{O}(1; \{2^4, 6^2, 9^3, 18^2\})$	1049760
18	$\mathcal{O}(1; \{3^3, 6^2, 9^3, 18^2\})$	8398080
18	$\mathcal{O}(1; \{2, 3, 6^3, 9^3, 18^2\})$	4199040
18	$\mathcal{O}(1; \{2^2, 9^6, 18^2\})$	60938568
18	$\mathcal{O}(1; \{2^9, 9, 18^3\})$	52488
18	$\mathcal{O}(1; \{2^5, 3^3, 9, 18^3\})$	419904
18	$\mathcal{O}(1; \{2, 3^6, 9, 18^3\})$	3359232
18	$\mathcal{O}(1; \{2^6, 3, 6, 9, 18^3\})$	209952
18	$\mathcal{O}(1; \{2^2, 3^4, 6, 9, 18^3\})$	1679616
18	$\mathcal{O}(1; \{2^3, 3^2, 6^2, 9, 18^3\})$	839808
18	$\mathcal{O}(1; \{2^4, 6^3, 9, 18^3\})$	419904
18	$\mathcal{O}(1; \{3^3, 6^3, 9, 18^3\})$	3359232
18	$\mathcal{O}(1; \{2, 3, 6^4, 9, 18^3\})$	1679616
18	$\mathcal{O}(1; \{2, 3^2, 9^4, 18^3\})$	39680928
18	$\mathcal{O}(1; \{2^2, 6, 9^4, 18^3\})$	19840464
18	$\mathcal{O}(1; \{2^4, 3, 9^2, 18^4\})$	3464208
18	$\mathcal{O}(1; \{3^4, 9^2, 18^4\})$	27713664
18	$\mathcal{O}(1; \{2, 3^2, 6, 9^2, 18^4\})$	13856832
18	$\mathcal{O}(1; \{2^2, 6^2, 9^2, 18^4\})$	6928416
18	$\mathcal{O}(1; \{9^5, 18^4\})$	361379880
18	$\mathcal{O}(1; \{2^7, 18^5\})$	262440
18	$\mathcal{O}(1; \{2^3, 3^3, 18^5\})$	2099520
18	$\mathcal{O}(1; \{2^4, 3, 6, 18^5\})$	1049760
18	$\mathcal{O}(1; \{3^4, 6, 18^5\})$	8398080
18	$\mathcal{O}(1; \{2, 3^2, 6^2, 18^5\})$	4199040
18	$\mathcal{O}(1; \{2^2, 6^3, 18^5\})$	2099520
18	$\mathcal{O}(1; \{6, 9^3, 18^5\})$	121877136
18	$\mathcal{O}(1; \{2^2, 3, 9, 18^6\})$	19840464
18	$\mathcal{O}(1; \{6^2, 9, 18^6\})$	39680928
18	$\mathcal{O}(1; \{3, 18^8\})$	121877136
18	$\mathcal{O}(0; \{2^{12}, 3, 9^4\})$	324
18	$\mathcal{O}(0; \{2^8, 3^4, 9^4\})$	2592
18	$\mathcal{O}(0; \{2^4, 3^7, 9^4\})$	20736
18	$\mathcal{O}(0; \{2^9, 3^2, 6, 9^4\})$	1296
18	$\mathcal{O}(0; \{2^5, 3^5, 6, 9^4\})$	10368
18	$\mathcal{O}(0; \{2, 3^8, 6, 9^4\})$	82944
18	$\mathcal{O}(0; \{2^{10}, 6^2, 9^4\})$	648

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^6, 3^3, 6^2, 9^4\})$	5184
18	$\mathcal{O}(0; \{2^2, 3^6, 6^2, 9^4\})$	41472
18	$\mathcal{O}(0; \{2^7, 3, 6^3, 9^4\})$	2592
18	$\mathcal{O}(0; \{2^3, 3^4, 6^3, 9^4\})$	20736
18	$\mathcal{O}(0; \{2^4, 3^2, 6^4, 9^4\})$	10368
18	$\mathcal{O}(0; \{3^5, 6^4, 9^4\})$	82944
18	$\mathcal{O}(0; \{2^5, 6^5, 9^4\})$	5184
18	$\mathcal{O}(0; \{2, 3^3, 6^5, 9^4\})$	41472
18	$\mathcal{O}(0; \{2^2, 3, 6^6, 9^4\})$	20736
18	$\mathcal{O}(0; \{6^8, 9^4\})$	41472
18	$\mathcal{O}(0; \{2^8, 9^7\})$	30618
18	$\mathcal{O}(0; \{2^4, 3^3, 9^7\})$	244944
18	$\mathcal{O}(0; \{2^5, 3, 6, 9^7\})$	122472
18	$\mathcal{O}(0; \{2, 3^4, 6, 9^7\})$	979776
18	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 9^7\})$	489888
18	$\mathcal{O}(0; \{2^3, 6^3, 9^7\})$	244944
18	$\mathcal{O}(0; \{3, 6^4, 9^7\})$	979776
18	$\mathcal{O}(0; \{2, 6, 9^{10}\})$	13463172
18	$\mathcal{O}(0; \{2^{15}, 9^2, 18\})$	18
18	$\mathcal{O}(0; \{2^{11}, 3^3, 9^2, 18\})$	144
18	$\mathcal{O}(0; \{2^7, 3^6, 9^2, 18\})$	1152
18	$\mathcal{O}(0; \{2^3, 3^9, 9^2, 18\})$	9216
18	$\mathcal{O}(0; \{2^{12}, 3, 6, 9^2, 18\})$	72
18	$\mathcal{O}(0; \{2^8, 3^4, 6, 9^2, 18\})$	576
18	$\mathcal{O}(0; \{2^4, 3^7, 6, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{3^{10}, 6, 9^2, 18\})$	36864
18	$\mathcal{O}(0; \{2^9, 3^2, 6^2, 9^2, 18\})$	288
18	$\mathcal{O}(0; \{2^5, 3^5, 6^2, 9^2, 18\})$	2304
18	$\mathcal{O}(0; \{2, 3^8, 6^2, 9^2, 18\})$	18432
18	$\mathcal{O}(0; \{2^{10}, 6^3, 9^2, 18\})$	144
18	$\mathcal{O}(0; \{2^6, 3^3, 6^3, 9^2, 18\})$	1152
18	$\mathcal{O}(0; \{2^2, 3^6, 6^3, 9^2, 18\})$	9216
18	$\mathcal{O}(0; \{2^7, 3, 6^4, 9^2, 18\})$	576
18	$\mathcal{O}(0; \{2^3, 3^4, 6^4, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{2^4, 3^2, 6^5, 9^2, 18\})$	2304
18	$\mathcal{O}(0; \{3^5, 6^5, 9^2, 18\})$	18432
18	$\mathcal{O}(0; \{2^5, 6^6, 9^2, 18\})$	1152
18	$\mathcal{O}(0; \{2, 3^3, 6^6, 9^2, 18\})$	9216
18	$\mathcal{O}(0; \{2^2, 3, 6^7, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{6^9, 9^2, 18\})$	9216
18	$\mathcal{O}(0; \{2^7, 3^2, 9^5, 18\})$	21384
18	$\mathcal{O}(0; \{2^3, 3^5, 9^5, 18\})$	171072
18	$\mathcal{O}(0; \{2^8, 6, 9^5, 18\})$	10692

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^4, 3^3, 6, 9^5, 18\})$	85536
18	$\mathcal{O}(0; \{3^6, 6, 9^5, 18\})$	684288
18	$\mathcal{O}(0; \{2^5, 3, 6^2, 9^5, 18\})$	42768
18	$\mathcal{O}(0; \{2, 3^4, 6^2, 9^5, 18\})$	342144
18	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 9^5, 18\})$	171072
18	$\mathcal{O}(0; \{2^3, 6^4, 9^5, 18\})$	85536
18	$\mathcal{O}(0; \{3, 6^5, 9^5, 18\})$	342144
18	$\mathcal{O}(0; \{2^3, 3, 9^8, 18\})$	2230740
18	$\mathcal{O}(0; \{3^2, 6, 9^8, 18\})$	8922960
18	$\mathcal{O}(0; \{2, 6^2, 9^8, 18\})$	4461480
18	$\mathcal{O}(0; \{2^{14}, 3^2, 18^2\})$	24
18	$\mathcal{O}(0; \{2^{10}, 3^5, 18^2\})$	192
18	$\mathcal{O}(0; \{2^6, 3^8, 18^2\})$	1536
18	$\mathcal{O}(0; \{2^2, 3^{11}, 18^2\})$	12288
18	$\mathcal{O}(0; \{2^{15}, 6, 18^2\})$	12
18	$\mathcal{O}(0; \{2^{11}, 3^3, 6, 18^2\})$	96
18	$\mathcal{O}(0; \{2^7, 3^6, 6, 18^2\})$	768
18	$\mathcal{O}(0; \{2^3, 3^9, 6, 18^2\})$	6144
18	$\mathcal{O}(0; \{2^{12}, 3, 6^2, 18^2\})$	48
18	$\mathcal{O}(0; \{2^8, 3^4, 6^2, 18^2\})$	384
18	$\mathcal{O}(0; \{2^4, 3^7, 6^2, 18^2\})$	3072
18	$\mathcal{O}(0; \{3^{10}, 6^2, 18^2\})$	24576
18	$\mathcal{O}(0; \{2^9, 3^2, 6^3, 18^2\})$	192
18	$\mathcal{O}(0; \{2^5, 3^5, 6^3, 18^2\})$	1536
18	$\mathcal{O}(0; \{2, 3^8, 6^3, 18^2\})$	12288
18	$\mathcal{O}(0; \{2^{10}, 6^4, 18^2\})$	96
18	$\mathcal{O}(0; \{2^6, 3^3, 6^4, 18^2\})$	768
18	$\mathcal{O}(0; \{2^2, 3^6, 6^4, 18^2\})$	6144
18	$\mathcal{O}(0; \{2^7, 3, 6^5, 18^2\})$	384
18	$\mathcal{O}(0; \{2^3, 3^4, 6^5, 18^2\})$	3072
18	$\mathcal{O}(0; \{2^4, 3^2, 6^6, 18^2\})$	1536
18	$\mathcal{O}(0; \{3^5, 6^6, 18^2\})$	12288
18	$\mathcal{O}(0; \{2^5, 6^7, 18^2\})$	768
18	$\mathcal{O}(0; \{2, 3^3, 6^7, 18^2\})$	6144
18	$\mathcal{O}(0; \{2^2, 3, 6^8, 18^2\})$	3072
18	$\mathcal{O}(0; \{6^{10}, 18^2\})$	6144
18	$\mathcal{O}(0; \{2^{10}, 3, 9^3, 18^2\})$	1620
18	$\mathcal{O}(0; \{2^6, 3^4, 9^3, 18^2\})$	12960
18	$\mathcal{O}(0; \{2^2, 3^7, 9^3, 18^2\})$	103680
18	$\mathcal{O}(0; \{2^7, 3^2, 6, 9^3, 18^2\})$	6480
18	$\mathcal{O}(0; \{2^3, 3^5, 6, 9^3, 18^2\})$	51840
18	$\mathcal{O}(0; \{2^8, 6^2, 9^3, 18^2\})$	3240
18	$\mathcal{O}(0; \{2^4, 3^3, 6^2, 9^3, 18^2\})$	25920

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{3^6, 6^2, 9^3, 18^2\})$	207360
18	$\mathcal{O}(0; \{2^5, 3, 6^3, 9^3, 18^2\})$	12960
18	$\mathcal{O}(0; \{2, 3^4, 6^3, 9^3, 18^2\})$	103680
18	$\mathcal{O}(0; \{2^2, 3^2, 6^4, 9^3, 18^2\})$	51840
18	$\mathcal{O}(0; \{2^3, 6^5, 9^3, 18^2\})$	25920
18	$\mathcal{O}(0; \{3, 6^6, 9^3, 18^2\})$	103680
18	$\mathcal{O}(0; \{2^6, 9^6, 18^2\})$	188082
18	$\mathcal{O}(0; \{2^2, 3^3, 9^6, 18^2\})$	1504656
18	$\mathcal{O}(0; \{2^3, 3, 6, 9^6, 18^2\})$	752328
18	$\mathcal{O}(0; \{3^2, 6^2, 9^6, 18^2\})$	3009312
18	$\mathcal{O}(0; \{2, 6^3, 9^6, 18^2\})$	1504656
18	$\mathcal{O}(0; \{2^{13}, 9, 18^3\})$	162
18	$\mathcal{O}(0; \{2^9, 3^3, 9, 18^3\})$	1296
18	$\mathcal{O}(0; \{2^5, 3^6, 9, 18^3\})$	10368
18	$\mathcal{O}(0; \{2, 3^9, 9, 18^3\})$	82944
18	$\mathcal{O}(0; \{2^{10}, 3, 6, 9, 18^3\})$	648
18	$\mathcal{O}(0; \{2^6, 3^4, 6, 9, 18^3\})$	5184
18	$\mathcal{O}(0; \{2^2, 3^7, 6, 9, 18^3\})$	41472
18	$\mathcal{O}(0; \{2^7, 3^2, 6^2, 9, 18^3\})$	2592
18	$\mathcal{O}(0; \{2^3, 3^5, 6^2, 9, 18^3\})$	20736
18	$\mathcal{O}(0; \{2^8, 6^3, 9, 18^3\})$	1296
18	$\mathcal{O}(0; \{2^4, 3^3, 6^3, 9, 18^3\})$	10368
18	$\mathcal{O}(0; \{3^6, 6^3, 9, 18^3\})$	82944
18	$\mathcal{O}(0; \{2^5, 3, 6^4, 9, 18^3\})$	5184
18	$\mathcal{O}(0; \{2, 3^4, 6^4, 9, 18^3\})$	41472
18	$\mathcal{O}(0; \{2^2, 3^2, 6^5, 9, 18^3\})$	20736
18	$\mathcal{O}(0; \{2^3, 6^6, 9, 18^3\})$	10368
18	$\mathcal{O}(0; \{3, 6^7, 9, 18^3\})$	41472
18	$\mathcal{O}(0; \{2^5, 3^2, 9^4, 18^3\})$	122472
18	$\mathcal{O}(0; \{2, 3^5, 9^4, 18^3\})$	979776
18	$\mathcal{O}(0; \{2^6, 6, 9^4, 18^3\})$	61236
18	$\mathcal{O}(0; \{2^2, 3^3, 6, 9^4, 18^3\})$	489888
18	$\mathcal{O}(0; \{2^3, 3, 6^2, 9^4, 18^3\})$	244944
18	$\mathcal{O}(0; \{3^2, 6^3, 9^4, 18^3\})$	979776
18	$\mathcal{O}(0; \{2, 6^4, 9^4, 18^3\})$	489888
18	$\mathcal{O}(0; \{2, 3, 9^7, 18^3\})$	13463172
18	$\mathcal{O}(0; \{2^8, 3, 9^2, 18^4\})$	10692
18	$\mathcal{O}(0; \{2^4, 3^4, 9^2, 18^4\})$	85536
18	$\mathcal{O}(0; \{3^7, 9^2, 18^4\})$	684288
18	$\mathcal{O}(0; \{2^5, 3^2, 6, 9^2, 18^4\})$	42768
18	$\mathcal{O}(0; \{2, 3^5, 6, 9^2, 18^4\})$	342144
18	$\mathcal{O}(0; \{2^6, 6^2, 9^2, 18^4\})$	21384
18	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 9^2, 18^4\})$	171072

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^3, 3, 6^3, 9^2, 18^4\})$	85536
18	$\mathcal{O}(0; \{3^2, 6^4, 9^2, 18^4\})$	342144
18	$\mathcal{O}(0; \{2, 6^5, 9^2, 18^4\})$	171072
18	$\mathcal{O}(0; \{2^4, 9^5, 18^4\})$	1115370
18	$\mathcal{O}(0; \{3^3, 9^5, 18^4\})$	8922960
18	$\mathcal{O}(0; \{2, 3, 6, 9^5, 18^4\})$	4461480
18	$\mathcal{O}(0; \{2^{11}, 18^5\})$	810
18	$\mathcal{O}(0; \{2^7, 3^3, 18^5\})$	6480
18	$\mathcal{O}(0; \{2^3, 3^6, 18^5\})$	51840
18	$\mathcal{O}(0; \{2^8, 3, 6, 18^5\})$	3240
18	$\mathcal{O}(0; \{2^4, 3^4, 6, 18^5\})$	25920
18	$\mathcal{O}(0; \{3^7, 6, 18^5\})$	207360
18	$\mathcal{O}(0; \{2^5, 3^2, 6^2, 18^5\})$	12960
18	$\mathcal{O}(0; \{2, 3^5, 6^2, 18^5\})$	103680
18	$\mathcal{O}(0; \{2^6, 6^3, 18^5\})$	6480
18	$\mathcal{O}(0; \{2^2, 3^3, 6^3, 18^5\})$	51840
18	$\mathcal{O}(0; \{2^3, 3, 6^4, 18^5\})$	25920
18	$\mathcal{O}(0; \{3^2, 6^5, 18^5\})$	103680
18	$\mathcal{O}(0; \{2, 6^6, 18^5\})$	51840
18	$\mathcal{O}(0; \{2^3, 3^2, 9^3, 18^5\})$	752328
18	$\mathcal{O}(0; \{2^4, 6, 9^3, 18^5\})$	376164
18	$\mathcal{O}(0; \{3^3, 6, 9^3, 18^5\})$	3009312
18	$\mathcal{O}(0; \{2, 3, 6^2, 9^3, 18^5\})$	1504656
18	$\mathcal{O}(0; \{2^6, 3, 9, 18^6\})$	61236
18	$\mathcal{O}(0; \{2^2, 3^4, 9, 18^6\})$	489888
18	$\mathcal{O}(0; \{2^3, 3^2, 6, 9, 18^6\})$	244944
18	$\mathcal{O}(0; \{2^4, 6^2, 9, 18^6\})$	122472
18	$\mathcal{O}(0; \{3^3, 6^2, 9, 18^6\})$	979776
18	$\mathcal{O}(0; \{2, 3, 6^3, 9, 18^6\})$	489888
18	$\mathcal{O}(0; \{2^2, 9^4, 18^6\})$	6731586
18	$\mathcal{O}(0; \{2, 3^2, 9^2, 18^7\})$	4461480
18	$\mathcal{O}(0; \{2^2, 6, 9^2, 18^7\})$	2230740
18	$\mathcal{O}(0; \{2^4, 3, 18^8\})$	376164
18	$\mathcal{O}(0; \{3^4, 18^8\})$	3009312
18	$\mathcal{O}(0; \{2, 3^2, 6, 18^8\})$	1504656
18	$\mathcal{O}(0; \{2^2, 6^2, 18^8\})$	752328
18	$\mathcal{O}(0; \{9^3, 18^8\})$	40271418
18	$\mathcal{O}(0; \{6, 9, 18^9\})$	13463172
19	$\mathcal{O}(3; \{19^4\})$	259975538406
20	$\mathcal{O}(3; \{2^2, 5^3\})$	756000000
20	$\mathcal{O}(3; \{5^2, 10^2\})$	3276000000
20	$\mathcal{O}(3; \{4, 5, 10, 20\})$	1536000000
20	$\mathcal{O}(3; \{2^3, 20^2\})$	512000000

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(3; \{4^2, 20^2\})$	2048000000
20	$\mathcal{O}(2; \{2^6, 5^3\})$	1800000
20	$\mathcal{O}(2; \{2^3, 4^2, 5^3\})$	3840000
20	$\mathcal{O}(2; \{4^4, 5^3\})$	15360000
20	$\mathcal{O}(2; \{2, 5^5, 10\})$	123000000
20	$\mathcal{O}(2; \{2^4, 5^2, 10^2\})$	7800000
20	$\mathcal{O}(2; \{2, 4^2, 5^2, 10^2\})$	16640000
20	$\mathcal{O}(2; \{2^2, 5, 10^4\})$	30600000
20	$\mathcal{O}(2; \{10^6\})$	123000000
20	$\mathcal{O}(2; \{2, 4, 5^4, 20\})$	65280000
20	$\mathcal{O}(2; \{2^4, 4, 5, 10, 20\})$	3840000
20	$\mathcal{O}(2; \{2, 4^3, 5, 10, 20\})$	15360000
20	$\mathcal{O}(2; \{2^2, 4, 10^3, 20\})$	16640000
20	$\mathcal{O}(2; \{2^7, 20^2\})$	1280000
20	$\mathcal{O}(2; \{2^4, 4^2, 20^2\})$	5120000
20	$\mathcal{O}(2; \{2, 4^4, 20^2\})$	20480000
20	$\mathcal{O}(2; \{2^2, 5^2, 10, 20^2\})$	65280000
20	$\mathcal{O}(2; \{5, 10^3, 20^2\})$	262400000
20	$\mathcal{O}(2; \{2^2, 4, 5, 20^3\})$	66560000
20	$\mathcal{O}(2; \{4, 10^2, 20^3\})$	261120000
20	$\mathcal{O}(2; \{5^2, 20^4\})$	1049600000
20	$\mathcal{O}(1; \{2^{10}, 5^3\})$	3600
20	$\mathcal{O}(1; \{2^7, 4^2, 5^3\})$	9600
20	$\mathcal{O}(1; \{2^4, 4^4, 5^3\})$	38400
20	$\mathcal{O}(1; \{2, 4^6, 5^3\})$	153600
20	$\mathcal{O}(1; \{2^2, 5^8\})$	3932400
20	$\mathcal{O}(1; \{2^5, 5^5, 10\})$	246000
20	$\mathcal{O}(1; \{2^2, 4^2, 5^5, 10\})$	656000
20	$\mathcal{O}(1; \{2^8, 5^2, 10^2\})$	15600
20	$\mathcal{O}(1; \{2^5, 4^2, 5^2, 10^2\})$	41600
20	$\mathcal{O}(1; \{2^2, 4^4, 5^2, 10^2\})$	166400
20	$\mathcal{O}(1; \{5^7, 10^2\})$	15728400
20	$\mathcal{O}(1; \{2^3, 5^4, 10^3\})$	982800
20	$\mathcal{O}(1; \{4^2, 5^4, 10^3\})$	2620800
20	$\mathcal{O}(1; \{2^6, 5, 10^4\})$	61200
20	$\mathcal{O}(1; \{2^3, 4^2, 5, 10^4\})$	163200
20	$\mathcal{O}(1; \{4^4, 5, 10^4\})$	652800
20	$\mathcal{O}(1; \{2, 5^3, 10^5\})$	3932400
20	$\mathcal{O}(1; \{2^4, 10^6\})$	246000
20	$\mathcal{O}(1; \{2, 4^2, 10^6\})$	656000
20	$\mathcal{O}(1; \{2^5, 4, 5^4, 20\})$	163200
20	$\mathcal{O}(1; \{2^2, 4^3, 5^4, 20\})$	652800
20	$\mathcal{O}(1; \{2^8, 4, 5, 10, 20\})$	9600

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{2^5, 4^3, 5, 10, 20\})$	38400
20	$\mathcal{O}(1; \{2^2, 4^5, 5, 10, 20\})$	153600
20	$\mathcal{O}(1; \{4, 5^6, 10, 20\})$	10486400
20	$\mathcal{O}(1; \{2^3, 4, 5^3, 10^2, 20\})$	656000
20	$\mathcal{O}(1; \{4^3, 5^3, 10^2, 20\})$	2624000
20	$\mathcal{O}(1; \{2^6, 4, 10^3, 20\})$	41600
20	$\mathcal{O}(1; \{2^3, 4^3, 10^3, 20\})$	166400
20	$\mathcal{O}(1; \{4^5, 10^3, 20\})$	665600
20	$\mathcal{O}(1; \{2, 4, 5^2, 10^4, 20\})$	2620800
20	$\mathcal{O}(1; \{2^{11}, 20^2\})$	3200
20	$\mathcal{O}(1; \{2^8, 4^2, 20^2\})$	12800
20	$\mathcal{O}(1; \{2^5, 4^4, 20^2\})$	51200
20	$\mathcal{O}(1; \{2^2, 4^6, 20^2\})$	204800
20	$\mathcal{O}(1; \{2^3, 5^5, 20^2\})$	2620800
20	$\mathcal{O}(1; \{4^2, 5^5, 20^2\})$	10483200
20	$\mathcal{O}(1; \{2^6, 5^2, 10, 20^2\})$	163200
20	$\mathcal{O}(1; \{2^3, 4^2, 5^2, 10, 20^2\})$	652800
20	$\mathcal{O}(1; \{4^4, 5^2, 10, 20^2\})$	2611200
20	$\mathcal{O}(1; \{2, 5^4, 10^2, 20^2\})$	10486400
20	$\mathcal{O}(1; \{2^4, 5, 10^3, 20^2\})$	656000
20	$\mathcal{O}(1; \{2, 4^2, 5, 10^3, 20^2\})$	2624000
20	$\mathcal{O}(1; \{2^2, 10^5, 20^2\})$	2620800
20	$\mathcal{O}(1; \{2^6, 4, 5, 20^3\})$	166400
20	$\mathcal{O}(1; \{2^3, 4^3, 5, 20^3\})$	665600
20	$\mathcal{O}(1; \{4^5, 5, 20^3\})$	2662400
20	$\mathcal{O}(1; \{2, 4, 5^3, 10, 20^3\})$	10483200
20	$\mathcal{O}(1; \{2^4, 4, 10^2, 20^3\})$	652800
20	$\mathcal{O}(1; \{2, 4^3, 10^2, 20^3\})$	2611200
20	$\mathcal{O}(1; \{2^4, 5^2, 20^4\})$	2624000
20	$\mathcal{O}(1; \{2, 4^2, 5^2, 20^4\})$	10496000
20	$\mathcal{O}(1; \{2^2, 5, 10^2, 20^4\})$	10483200
20	$\mathcal{O}(1; \{10^4, 20^4\})$	41945600
20	$\mathcal{O}(1; \{2^2, 4, 10, 20^5\})$	10496000
20	$\mathcal{O}(1; \{5, 10, 20^6\})$	167782400
20	$\mathcal{O}(1; \{4, 20^7\})$	167731200
20	$\mathcal{O}(0; \{2^{11}, 4^2, 5^3\})$	24
20	$\mathcal{O}(0; \{2^8, 4^4, 5^3\})$	96
20	$\mathcal{O}(0; \{2^5, 4^6, 5^3\})$	384
20	$\mathcal{O}(0; \{2^2, 4^8, 5^3\})$	1536
20	$\mathcal{O}(0; \{2^3, 4^2, 5^8\})$	26216
20	$\mathcal{O}(0; \{4^4, 5^8\})$	104864
20	$\mathcal{O}(0; \{2^6, 4^2, 5^5, 10\})$	1640
20	$\mathcal{O}(0; \{2^3, 4^4, 5^5, 10\})$	6560

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{4^6, 5^5, 10\})$	26240
20	$\mathcal{O}(0; \{2^9, 4^2, 5^2, 10^2\})$	104
20	$\mathcal{O}(0; \{2^6, 4^4, 5^2, 10^2\})$	416
20	$\mathcal{O}(0; \{2^3, 4^6, 5^2, 10^2\})$	1664
20	$\mathcal{O}(0; \{4^8, 5^2, 10^2\})$	6656
20	$\mathcal{O}(0; \{2, 4^2, 5^7, 10^2\})$	104856
20	$\mathcal{O}(0; \{2^4, 4^2, 5^4, 10^3\})$	6552
20	$\mathcal{O}(0; \{2, 4^4, 5^4, 10^3\})$	26208
20	$\mathcal{O}(0; \{2^7, 4^2, 5, 10^4\})$	408
20	$\mathcal{O}(0; \{2^4, 4^4, 5, 10^4\})$	1632
20	$\mathcal{O}(0; \{2, 4^6, 5, 10^4\})$	6528
20	$\mathcal{O}(0; \{2^2, 4^2, 5^3, 10^5\})$	26216
20	$\mathcal{O}(0; \{2^5, 4^2, 10^6\})$	1640
20	$\mathcal{O}(0; \{2^2, 4^4, 10^6\})$	6560
20	$\mathcal{O}(0; \{4^2, 5^2, 10^7\})$	104856
20	$\mathcal{O}(0; \{2^9, 4, 5^4, 20\})$	408
20	$\mathcal{O}(0; \{2^6, 4^3, 5^4, 20\})$	1632
20	$\mathcal{O}(0; \{2^3, 4^5, 5^4, 20\})$	6528
20	$\mathcal{O}(0; \{4^7, 5^4, 20\})$	26112
20	$\mathcal{O}(0; \{2, 4, 5^9, 20\})$	419432
20	$\mathcal{O}(0; \{2^{12}, 4, 5, 10, 20\})$	24
20	$\mathcal{O}(0; \{2^9, 4^3, 5, 10, 20\})$	96
20	$\mathcal{O}(0; \{2^6, 4^5, 5, 10, 20\})$	384
20	$\mathcal{O}(0; \{2^3, 4^7, 5, 10, 20\})$	1536
20	$\mathcal{O}(0; \{4^9, 5, 10, 20\})$	6144
20	$\mathcal{O}(0; \{2^4, 4, 5^6, 10, 20\})$	26216
20	$\mathcal{O}(0; \{2, 4^3, 5^6, 10, 20\})$	104864
20	$\mathcal{O}(0; \{2^7, 4, 5^3, 10^2, 20\})$	1640
20	$\mathcal{O}(0; \{2^4, 4^3, 5^3, 10^2, 20\})$	6560
20	$\mathcal{O}(0; \{2, 4^5, 5^3, 10^2, 20\})$	26240
20	$\mathcal{O}(0; \{2^{10}, 4, 10^3, 20\})$	104
20	$\mathcal{O}(0; \{2^7, 4^3, 10^3, 20\})$	416
20	$\mathcal{O}(0; \{2^4, 4^5, 10^3, 20\})$	1664
20	$\mathcal{O}(0; \{2, 4^7, 10^3, 20\})$	6656
20	$\mathcal{O}(0; \{2^2, 4, 5^5, 10^3, 20\})$	104856
20	$\mathcal{O}(0; \{2^5, 4, 5^2, 10^4, 20\})$	6552
20	$\mathcal{O}(0; \{2^2, 4^3, 5^2, 10^4, 20\})$	26208
20	$\mathcal{O}(0; \{4, 5^4, 10^5, 20\})$	419432
20	$\mathcal{O}(0; \{2^3, 4, 5, 10^6, 20\})$	26216
20	$\mathcal{O}(0; \{4^3, 5, 10^6, 20\})$	104864
20	$\mathcal{O}(0; \{2, 4, 10^8, 20\})$	104856
20	$\mathcal{O}(0; \{2^{15}, 20^2\})$	8
20	$\mathcal{O}(0; \{2^{12}, 4^2, 20^2\})$	32

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^9, 4^4, 20^2\})$	128
20	$\mathcal{O}(0; \{2^6, 4^6, 20^2\})$	512
20	$\mathcal{O}(0; \{2^3, 4^8, 20^2\})$	2048
20	$\mathcal{O}(0; \{4^{10}, 20^2\})$	8192
20	$\mathcal{O}(0; \{2^7, 5^5, 20^2\})$	6552
20	$\mathcal{O}(0; \{2^4, 4^2, 5^5, 20^2\})$	26208
20	$\mathcal{O}(0; \{2, 4^4, 5^5, 20^2\})$	104832
20	$\mathcal{O}(0; \{2^{10}, 5^2, 10, 20^2\})$	408
20	$\mathcal{O}(0; \{2^7, 4^2, 5^2, 10, 20^2\})$	1632
20	$\mathcal{O}(0; \{2^4, 4^4, 5^2, 10, 20^2\})$	6528
20	$\mathcal{O}(0; \{2, 4^6, 5^2, 10, 20^2\})$	26112
20	$\mathcal{O}(0; \{2^2, 5^7, 10, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^5, 5^4, 10^2, 20^2\})$	26216
20	$\mathcal{O}(0; \{2^2, 4^2, 5^4, 10^2, 20^2\})$	104864
20	$\mathcal{O}(0; \{2^8, 5, 10^3, 20^2\})$	1640
20	$\mathcal{O}(0; \{2^5, 4^2, 5, 10^3, 20^2\})$	6560
20	$\mathcal{O}(0; \{2^2, 4^4, 5, 10^3, 20^2\})$	26240
20	$\mathcal{O}(0; \{5^6, 10^3, 20^2\})$	1677720
20	$\mathcal{O}(0; \{2^3, 5^3, 10^4, 20^2\})$	104856
20	$\mathcal{O}(0; \{4^2, 5^3, 10^4, 20^2\})$	419424
20	$\mathcal{O}(0; \{2^6, 10^5, 20^2\})$	6552
20	$\mathcal{O}(0; \{2^3, 4^2, 10^5, 20^2\})$	26208
20	$\mathcal{O}(0; \{4^4, 10^5, 20^2\})$	104832
20	$\mathcal{O}(0; \{2, 5^2, 10^6, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^{10}, 4, 5, 20^3\})$	416
20	$\mathcal{O}(0; \{2^7, 4^3, 5, 20^3\})$	1664
20	$\mathcal{O}(0; \{2^4, 4^5, 5, 20^3\})$	6656
20	$\mathcal{O}(0; \{2, 4^7, 5, 20^3\})$	26624
20	$\mathcal{O}(0; \{2^2, 4, 5^6, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^5, 4, 5^3, 10, 20^3\})$	26208
20	$\mathcal{O}(0; \{2^2, 4^3, 5^3, 10, 20^3\})$	104832
20	$\mathcal{O}(0; \{2^8, 4, 10^2, 20^3\})$	1632
20	$\mathcal{O}(0; \{2^5, 4^3, 10^2, 20^3\})$	6528
20	$\mathcal{O}(0; \{2^2, 4^5, 10^2, 20^3\})$	26112
20	$\mathcal{O}(0; \{4, 5^5, 10^2, 20^3\})$	1677728
20	$\mathcal{O}(0; \{2^3, 4, 5^2, 10^3, 20^3\})$	104864
20	$\mathcal{O}(0; \{4^3, 5^2, 10^3, 20^3\})$	419456
20	$\mathcal{O}(0; \{2, 4, 5, 10^5, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^8, 5^2, 20^4\})$	6560
20	$\mathcal{O}(0; \{2^5, 4^2, 5^2, 20^4\})$	26240
20	$\mathcal{O}(0; \{2^2, 4^4, 5^2, 20^4\})$	104960
20	$\mathcal{O}(0; \{5^7, 20^4\})$	6710880
20	$\mathcal{O}(0; \{2^3, 5^4, 10, 20^4\})$	419424

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{4^2, 5^4, 10, 20^4\})$	1677696
20	$\mathcal{O}(0; \{2^6, 5, 10^2, 20^4\})$	26208
20	$\mathcal{O}(0; \{2^3, 4^2, 5, 10^2, 20^4\})$	104832
20	$\mathcal{O}(0; \{4^4, 5, 10^2, 20^4\})$	419328
20	$\mathcal{O}(0; \{2, 5^3, 10^3, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^4, 10^4, 20^4\})$	104864
20	$\mathcal{O}(0; \{2, 4^2, 10^4, 20^4\})$	419456
20	$\mathcal{O}(0; \{2^3, 4, 5^3, 20^5\})$	419456
20	$\mathcal{O}(0; \{4^3, 5^3, 20^5\})$	1677824
20	$\mathcal{O}(0; \{2^6, 4, 10, 20^5\})$	26240
20	$\mathcal{O}(0; \{2^3, 4^3, 10, 20^5\})$	104960
20	$\mathcal{O}(0; \{4^5, 10, 20^5\})$	419840
20	$\mathcal{O}(0; \{2, 4, 5^2, 10^2, 20^5\})$	1677696
20	$\mathcal{O}(0; \{2, 5^4, 20^6\})$	6710912
20	$\mathcal{O}(0; \{2^4, 5, 10, 20^6\})$	419456
20	$\mathcal{O}(0; \{2, 4^2, 5, 10, 20^6\})$	1677824
20	$\mathcal{O}(0; \{2^2, 10^3, 20^6\})$	1677696
20	$\mathcal{O}(0; \{2^4, 4, 20^7\})$	419328
20	$\mathcal{O}(0; \{2, 4^3, 20^7\})$	1677312
20	$\mathcal{O}(0; \{2^2, 5, 20^8\})$	6710784
20	$\mathcal{O}(0; \{10^2, 20^8\})$	26843648
21	$\mathcal{O}(3; \{3^2, 7^2\})$	1029193452
21	$\mathcal{O}(2; \{3^5, 7^2\})$	11668860
21	$\mathcal{O}(2; \{3, 7^4, 21\})$	431747820
21	$\mathcal{O}(2; \{3^2, 7, 21^3\})$	361734660
21	$\mathcal{O}(1; \{3^8, 7^2\})$	227556
21	$\mathcal{O}(1; \{3^4, 7^4, 21\})$	4895100
21	$\mathcal{O}(1; \{7^6, 21^2\})$	211632372
21	$\mathcal{O}(1; \{3^5, 7, 21^3\})$	7054236
21	$\mathcal{O}(1; \{3, 7^3, 21^4\})$	176355900
21	$\mathcal{O}(1; \{3^2, 21^6\})$	252814716
21	$\mathcal{O}(0; \{3^{11}, 7^2\})$	4092
21	$\mathcal{O}(0; \{3^2, 7^9\})$	2879340
21	$\mathcal{O}(0; \{3^7, 7^4, 21\})$	95460
21	$\mathcal{O}(0; \{3^3, 7^6, 21^2\})$	2399460
21	$\mathcal{O}(0; \{3^8, 7, 21^3\})$	126852
21	$\mathcal{O}(0; \{3^4, 7^3, 21^4\})$	3439140
21	$\mathcal{O}(0; \{7^5, 21^5\})$	86380260
21	$\mathcal{O}(0; \{3^5, 21^6\})$	4546212
21	$\mathcal{O}(0; \{3, 7^2, 21^7\})$	123811620
22	$\mathcal{O}(3; \{11^3\})$	10044750870
22	$\mathcal{O}(2; \{2^4, 11^3\})$	21083040
22	$\mathcal{O}(2; \{2^2, 11^2, 22^2\})$	213172960

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
22	$\mathcal{O}(2; \{11, 22^4\})$	2129387040
22	$\mathcal{O}(1; \{2^8, 11^3\})$	43560
22	$\mathcal{O}(1; \{2^6, 11^2, 22^2\})$	440440
22	$\mathcal{O}(1; \{2^4, 11, 22^4\})$	4399560
22	$\mathcal{O}(1; \{2^2, 22^6\})$	44000440
22	$\mathcal{O}(0; \{2^{12}, 11^3\})$	90
22	$\mathcal{O}(0; \{2, 11^8, 22\})$	90909090
22	$\mathcal{O}(0; \{2^{10}, 11^2, 22^2\})$	910
22	$\mathcal{O}(0; \{2^8, 11, 22^4\})$	9090
22	$\mathcal{O}(0; \{2^6, 22^6\})$	90910
24	$\mathcal{O}(2; \{3^4, 4^2\})$	3732480
24	$\mathcal{O}(2; \{2, 3^2, 4^2, 6\})$	1244160
24	$\mathcal{O}(2; \{2^2, 4^2, 6^2\})$	1244160
24	$\mathcal{O}(2; \{4, 6^2, 8^2\})$	5308416
24	$\mathcal{O}(2; \{2, 3^3, 4, 12\})$	3732480
24	$\mathcal{O}(2; \{2^2, 3, 4, 6, 12\})$	1244160
24	$\mathcal{O}(2; \{4, 6^3, 12\})$	3732480
24	$\mathcal{O}(2; \{3, 6, 8^2, 12\})$	5308416
24	$\mathcal{O}(2; \{2^2, 3^2, 12^2\})$	3732480
24	$\mathcal{O}(2; \{2^3, 6, 12^2\})$	1244160
24	$\mathcal{O}(2; \{4^2, 6, 12^2\})$	4976640
24	$\mathcal{O}(2; \{3, 6^2, 12^2\})$	6220800
24	$\mathcal{O}(2; \{3, 4, 12^3\})$	14929920
24	$\mathcal{O}(2; \{2, 12^4\})$	14929920
24	$\mathcal{O}(2; \{2^2, 3^2, 8, 24\})$	2654208
24	$\mathcal{O}(2; \{2^3, 6, 8, 24\})$	2654208
24	$\mathcal{O}(2; \{4^2, 6, 8, 24\})$	10616832
24	$\mathcal{O}(2; \{3, 6^2, 8, 24\})$	7962624
24	$\mathcal{O}(2; \{3, 4, 8, 12, 24\})$	10616832
24	$\mathcal{O}(2; \{2, 8, 12^2, 24\})$	10616832
24	$\mathcal{O}(2; \{2^3, 4, 24^2\})$	5308416
24	$\mathcal{O}(2; \{4^3, 24^2\})$	21233664
24	$\mathcal{O}(2; \{3, 4, 6, 24^2\})$	15925248
24	$\mathcal{O}(2; \{2, 8^2, 24^2\})$	42467328
24	$\mathcal{O}(2; \{3^2, 12, 24^2\})$	26542080
24	$\mathcal{O}(2; \{2, 6, 12, 24^2\})$	15925248
24	$\mathcal{O}(1; \{2^4, 3^4, 4^2\})$	5184
24	$\mathcal{O}(1; \{3^7, 4^2\})$	36288
24	$\mathcal{O}(1; \{2, 3^4, 4^4\})$	20736
24	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 6\})$	1728
24	$\mathcal{O}(1; \{2, 3^5, 4^2, 6\})$	19008
24	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 6\})$	6912
24	$\mathcal{O}(1; \{2^6, 4^2, 6^2\})$	1728

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6^2\})$	8640
24	$\mathcal{O}(1; \{2^3, 4^4, 6^2\})$	6912
24	$\mathcal{O}(1; \{4^6, 6^2\})$	27648
24	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^3\})$	5184
24	$\mathcal{O}(1; \{3, 4^4, 6^3\})$	20736
24	$\mathcal{O}(1; \{3^2, 4^2, 6^4\})$	19008
24	$\mathcal{O}(1; \{2, 4^2, 6^5\})$	8640
24	$\mathcal{O}(1; \{2^2, 3^4, 4, 8^2\})$	27648
24	$\mathcal{O}(1; \{2^3, 3^2, 4, 6, 8^2\})$	9216
24	$\mathcal{O}(1; \{3^2, 4^3, 6, 8^2\})$	36864
24	$\mathcal{O}(1; \{2^4, 4, 6^2, 8^2\})$	9216
24	$\mathcal{O}(1; \{3^3, 4, 6^2, 8^2\})$	46080
24	$\mathcal{O}(1; \{2, 4^3, 6^2, 8^2\})$	36864
24	$\mathcal{O}(1; \{2, 3, 4, 6^3, 8^2\})$	27648
24	$\mathcal{O}(1; \{3^4, 8^4\})$	221184
24	$\mathcal{O}(1; \{2, 3^2, 6, 8^4\})$	73728
24	$\mathcal{O}(1; \{2^2, 6^2, 8^4\})$	73728
24	$\mathcal{O}(1; \{2^5, 3^3, 4, 12\})$	5184
24	$\mathcal{O}(1; \{2, 3^6, 4, 12\})$	36288
24	$\mathcal{O}(1; \{2^2, 3^3, 4^3, 12\})$	20736
24	$\mathcal{O}(1; \{2^6, 3, 4, 6, 12\})$	1728
24	$\mathcal{O}(1; \{2^2, 3^4, 4, 6, 12\})$	19008
24	$\mathcal{O}(1; \{2^3, 3, 4^3, 6, 12\})$	6912
24	$\mathcal{O}(1; \{3, 4^5, 6, 12\})$	27648
24	$\mathcal{O}(1; \{2^3, 3^2, 4, 6^2, 12\})$	8640
24	$\mathcal{O}(1; \{3^2, 4^3, 6^2, 12\})$	34560
24	$\mathcal{O}(1; \{2^4, 4, 6^3, 12\})$	5184
24	$\mathcal{O}(1; \{3^3, 4, 6^3, 12\})$	36288
24	$\mathcal{O}(1; \{2, 4^3, 6^3, 12\})$	20736
24	$\mathcal{O}(1; \{2, 3, 4, 6^4, 12\})$	19008
24	$\mathcal{O}(1; \{2^3, 3^3, 8^2, 12\})$	27648
24	$\mathcal{O}(1; \{3^3, 4^2, 8^2, 12\})$	110592
24	$\mathcal{O}(1; \{2^4, 3, 6, 8^2, 12\})$	9216
24	$\mathcal{O}(1; \{3^4, 6, 8^2, 12\})$	101376
24	$\mathcal{O}(1; \{2, 3, 4^2, 6, 8^2, 12\})$	36864
24	$\mathcal{O}(1; \{2, 3^2, 6^2, 8^2, 12\})$	46080
24	$\mathcal{O}(1; \{2^2, 6^3, 8^2, 12\})$	27648
24	$\mathcal{O}(1; \{2^6, 3^2, 12^2\})$	5184
24	$\mathcal{O}(1; \{2^2, 3^5, 12^2\})$	36288
24	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 12^2\})$	20736
24	$\mathcal{O}(1; \{3^2, 4^4, 12^2\})$	82944
24	$\mathcal{O}(1; \{2^7, 6, 12^2\})$	1728
24	$\mathcal{O}(1; \{2^3, 3^3, 6, 12^2\})$	19008

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^4, 4^2, 6, 12^2\})$	6912
24	$\mathcal{O}(1; \{3^3, 4^2, 6, 12^2\})$	76032
24	$\mathcal{O}(1; \{2, 4^4, 6, 12^2\})$	27648
24	$\mathcal{O}(1; \{2^4, 3, 6^2, 12^2\})$	8640
24	$\mathcal{O}(1; \{3^4, 6^2, 12^2\})$	74304
24	$\mathcal{O}(1; \{2, 3, 4^2, 6^2, 12^2\})$	34560
24	$\mathcal{O}(1; \{2, 3^2, 6^3, 12^2\})$	36288
24	$\mathcal{O}(1; \{2^2, 6^4, 12^2\})$	19008
24	$\mathcal{O}(1; \{2, 3^2, 4, 8^2, 12^2\})$	110592
24	$\mathcal{O}(1; \{2^2, 4, 6, 8^2, 12^2\})$	36864
24	$\mathcal{O}(1; \{6, 8^4, 12^2\})$	294912
24	$\mathcal{O}(1; \{2^4, 3, 4, 12^3\})$	20736
24	$\mathcal{O}(1; \{3^4, 4, 12^3\})$	145152
24	$\mathcal{O}(1; \{2, 3, 4^3, 12^3\})$	82944
24	$\mathcal{O}(1; \{2, 3^2, 4, 6, 12^3\})$	76032
24	$\mathcal{O}(1; \{2^2, 4, 6^2, 12^3\})$	34560
24	$\mathcal{O}(1; \{2^2, 3, 8^2, 12^3\})$	110592
24	$\mathcal{O}(1; \{6^2, 8^2, 12^3\})$	184320
24	$\mathcal{O}(1; \{2^5, 12^4\})$	20736
24	$\mathcal{O}(1; \{2, 3^3, 12^4\})$	145152
24	$\mathcal{O}(1; \{2^2, 4^2, 12^4\})$	82944
24	$\mathcal{O}(1; \{2^2, 3, 6, 12^4\})$	76032
24	$\mathcal{O}(1; \{6^3, 12^4\})$	145152
24	$\mathcal{O}(1; \{4, 8^2, 12^4\})$	442368
24	$\mathcal{O}(1; \{4, 6, 12^5\})$	304128
24	$\mathcal{O}(1; \{3, 12^6\})$	580608
24	$\mathcal{O}(1; \{2^6, 3^2, 8, 24\})$	4608
24	$\mathcal{O}(1; \{2^2, 3^5, 8, 24\})$	50688
24	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 8, 24\})$	18432
24	$\mathcal{O}(1; \{3^2, 4^4, 8, 24\})$	73728
24	$\mathcal{O}(1; \{2^7, 6, 8, 24\})$	4608
24	$\mathcal{O}(1; \{2^3, 3^3, 6, 8, 24\})$	23040
24	$\mathcal{O}(1; \{2^4, 4^2, 6, 8, 24\})$	18432
24	$\mathcal{O}(1; \{3^3, 4^2, 6, 8, 24\})$	92160
24	$\mathcal{O}(1; \{2, 4^4, 6, 8, 24\})$	73728
24	$\mathcal{O}(1; \{2^4, 3, 6^2, 8, 24\})$	13824
24	$\mathcal{O}(1; \{3^4, 6^2, 8, 24\})$	96768
24	$\mathcal{O}(1; \{2, 3, 4^2, 6^2, 8, 24\})$	55296
24	$\mathcal{O}(1; \{2, 3^2, 6^3, 8, 24\})$	50688
24	$\mathcal{O}(1; \{2^2, 6^4, 8, 24\})$	23040
24	$\mathcal{O}(1; \{2, 3^2, 4, 8^3, 24\})$	147456
24	$\mathcal{O}(1; \{2^2, 4, 6, 8^3, 24\})$	147456
24	$\mathcal{O}(1; \{6, 8^5, 24\})$	1179648

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^4, 3, 4, 8, 12, 24\})$	18432
24	$\mathcal{O}(1; \{3^4, 4, 8, 12, 24\})$	202752
24	$\mathcal{O}(1; \{2, 3, 4^3, 8, 12, 24\})$	73728
24	$\mathcal{O}(1; \{2, 3^2, 4, 6, 8, 12, 24\})$	92160
24	$\mathcal{O}(1; \{2^2, 4, 6^2, 8, 12, 24\})$	55296
24	$\mathcal{O}(1; \{2^2, 3, 8^3, 12, 24\})$	147456
24	$\mathcal{O}(1; \{6^2, 8^3, 12, 24\})$	442368
24	$\mathcal{O}(1; \{2^5, 8, 12^2, 24\})$	18432
24	$\mathcal{O}(1; \{2, 3^3, 8, 12^2, 24\})$	202752
24	$\mathcal{O}(1; \{2^2, 4^2, 8, 12^2, 24\})$	73728
24	$\mathcal{O}(1; \{2^2, 3, 6, 8, 12^2, 24\})$	92160
24	$\mathcal{O}(1; \{6^3, 8, 12^2, 24\})$	202752
24	$\mathcal{O}(1; \{4, 8^3, 12^2, 24\})$	589824
24	$\mathcal{O}(1; \{4, 6, 8, 12^3, 24\})$	368640
24	$\mathcal{O}(1; \{3, 8, 12^4, 24\})$	811008
24	$\mathcal{O}(1; \{2^7, 4, 24^2\})$	9216
24	$\mathcal{O}(1; \{2^3, 3^3, 4, 24^2\})$	46080
24	$\mathcal{O}(1; \{2^4, 4^3, 24^2\})$	36864
24	$\mathcal{O}(1; \{3^3, 4^3, 24^2\})$	184320
24	$\mathcal{O}(1; \{2, 4^5, 24^2\})$	147456
24	$\mathcal{O}(1; \{2^4, 3, 4, 6, 24^2\})$	27648
24	$\mathcal{O}(1; \{3^4, 4, 6, 24^2\})$	193536
24	$\mathcal{O}(1; \{2, 3, 4^3, 6, 24^2\})$	110592
24	$\mathcal{O}(1; \{2, 3^2, 4, 6^2, 24^2\})$	101376
24	$\mathcal{O}(1; \{2^2, 4, 6^3, 24^2\})$	46080
24	$\mathcal{O}(1; \{2^5, 8^2, 24^2\})$	73728
24	$\mathcal{O}(1; \{2, 3^3, 8^2, 24^2\})$	368640
24	$\mathcal{O}(1; \{2^2, 4^2, 8^2, 24^2\})$	294912
24	$\mathcal{O}(1; \{2^2, 3, 6, 8^2, 24^2\})$	221184
24	$\mathcal{O}(1; \{6^3, 8^2, 24^2\})$	368640
24	$\mathcal{O}(1; \{4, 8^4, 24^2\})$	2359296
24	$\mathcal{O}(1; \{2^4, 3^2, 12, 24^2\})$	46080
24	$\mathcal{O}(1; \{3^5, 12, 24^2\})$	396288
24	$\mathcal{O}(1; \{2, 3^2, 4^2, 12, 24^2\})$	184320
24	$\mathcal{O}(1; \{2^5, 6, 12, 24^2\})$	27648
24	$\mathcal{O}(1; \{2, 3^3, 6, 12, 24^2\})$	193536
24	$\mathcal{O}(1; \{2^2, 4^2, 6, 12, 24^2\})$	110592
24	$\mathcal{O}(1; \{2^2, 3, 6^2, 12, 24^2\})$	101376
24	$\mathcal{O}(1; \{6^4, 12, 24^2\})$	193536
24	$\mathcal{O}(1; \{4, 6, 8^2, 12, 24^2\})$	884736
24	$\mathcal{O}(1; \{2^2, 3, 4, 12^2, 24^2\})$	184320
24	$\mathcal{O}(1; \{4, 6^2, 12^2, 24^2\})$	405504
24	$\mathcal{O}(1; \{3, 8^2, 12^2, 24^2\})$	1474560

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^3, 12^3, 24^2\})$	184320
24	$\mathcal{O}(1; \{4^2, 12^3, 24^2\})$	737280
24	$\mathcal{O}(1; \{3, 6, 12^3, 24^2\})$	774144
24	$\mathcal{O}(1; \{2^2, 3, 4, 8, 24^3\})$	442368
24	$\mathcal{O}(1; \{4, 6^2, 8, 24^3\})$	737280
24	$\mathcal{O}(1; \{3, 8^3, 24^3\})$	3538944
24	$\mathcal{O}(1; \{2^3, 8, 12, 24^3\})$	442368
24	$\mathcal{O}(1; \{4^2, 8, 12, 24^3\})$	1769472
24	$\mathcal{O}(1; \{3, 6, 8, 12, 24^3\})$	1622016
24	$\mathcal{O}(1; \{2^2, 3^2, 24^4\})$	811008
24	$\mathcal{O}(1; \{2^3, 6, 24^4\})$	368640
24	$\mathcal{O}(1; \{4^2, 6, 24^4\})$	1474560
24	$\mathcal{O}(1; \{3, 6^2, 24^4\})$	1548288
24	$\mathcal{O}(1; \{3, 4, 12, 24^4\})$	3244032
24	$\mathcal{O}(1; \{2, 12^2, 24^4\})$	3244032
24	$\mathcal{O}(1; \{2, 8, 24^5\})$	5898240
24	$\mathcal{O}(0; \{2^6, 3^4, 4, 8^2\})$	48
24	$\mathcal{O}(0; \{2^2, 3^7, 4, 8^2\})$	336
24	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 8^2\})$	192
24	$\mathcal{O}(0; \{3^4, 4^5, 8^2\})$	768
24	$\mathcal{O}(0; \{2^7, 3^2, 4, 6, 8^2\})$	16
24	$\mathcal{O}(0; \{2^3, 3^5, 4, 6, 8^2\})$	176
24	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6, 8^2\})$	64
24	$\mathcal{O}(0; \{3^5, 4^3, 6, 8^2\})$	704
24	$\mathcal{O}(0; \{2, 3^2, 4^5, 6, 8^2\})$	256
24	$\mathcal{O}(0; \{2^8, 4, 6^2, 8^2\})$	16
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^2, 8^2\})$	80
24	$\mathcal{O}(0; \{3^6, 4, 6^2, 8^2\})$	688
24	$\mathcal{O}(0; \{2^5, 4^3, 6^2, 8^2\})$	64
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^2, 8^2\})$	320
24	$\mathcal{O}(0; \{2^2, 4^5, 6^2, 8^2\})$	256
24	$\mathcal{O}(0; \{2^5, 3, 4, 6^3, 8^2\})$	48
24	$\mathcal{O}(0; \{2, 3^4, 4, 6^3, 8^2\})$	336
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^3, 8^2\})$	192
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^4, 8^2\})$	176
24	$\mathcal{O}(0; \{2^3, 4, 6^5, 8^2\})$	80
24	$\mathcal{O}(0; \{4^3, 6^5, 8^2\})$	320
24	$\mathcal{O}(0; \{3, 4, 6^6, 8^2\})$	336
24	$\mathcal{O}(0; \{2^4, 3^4, 8^4\})$	384
24	$\mathcal{O}(0; \{3^7, 8^4\})$	2688
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 8^4\})$	1536
24	$\mathcal{O}(0; \{2^5, 3^2, 6, 8^4\})$	128
24	$\mathcal{O}(0; \{2, 3^5, 6, 8^4\})$	1408

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6, 8^4\})$	512
24	$\mathcal{O}(0; \{2^6, 6^2, 8^4\})$	128
24	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 8^4\})$	640
24	$\mathcal{O}(0; \{2^3, 4^2, 6^2, 8^4\})$	512
24	$\mathcal{O}(0; \{4^4, 6^2, 8^4\})$	2048
24	$\mathcal{O}(0; \{2^3, 3, 6^3, 8^4\})$	384
24	$\mathcal{O}(0; \{3, 4^2, 6^3, 8^4\})$	1536
24	$\mathcal{O}(0; \{3^2, 6^4, 8^4\})$	1408
24	$\mathcal{O}(0; \{2, 6^5, 8^4\})$	640
24	$\mathcal{O}(0; \{3^2, 4, 6, 8^6\})$	4096
24	$\mathcal{O}(0; \{2, 4, 6^2, 8^6\})$	4096
24	$\mathcal{O}(0; \{2^7, 3^3, 8^2, 12\})$	48
24	$\mathcal{O}(0; \{2^3, 3^6, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 8^2, 12\})$	192
24	$\mathcal{O}(0; \{3^6, 4^2, 8^2, 12\})$	1344
24	$\mathcal{O}(0; \{2, 3^3, 4^4, 8^2, 12\})$	768
24	$\mathcal{O}(0; \{2^8, 3, 6, 8^2, 12\})$	16
24	$\mathcal{O}(0; \{2^4, 3^4, 6, 8^2, 12\})$	176
24	$\mathcal{O}(0; \{3^7, 6, 8^2, 12\})$	1360
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 6, 8^2, 12\})$	64
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 6, 8^2, 12\})$	704
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 6, 8^2, 12\})$	256
24	$\mathcal{O}(0; \{2^5, 3^2, 6^2, 8^2, 12\})$	80
24	$\mathcal{O}(0; \{2, 3^5, 6^2, 8^2, 12\})$	688
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^2, 8^2, 12\})$	320
24	$\mathcal{O}(0; \{2^6, 6^3, 8^2, 12\})$	48
24	$\mathcal{O}(0; \{2^2, 3^3, 6^3, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2^3, 4^2, 6^3, 8^2, 12\})$	192
24	$\mathcal{O}(0; \{4^4, 6^3, 8^2, 12\})$	768
24	$\mathcal{O}(0; \{2^3, 3, 6^4, 8^2, 12\})$	176
24	$\mathcal{O}(0; \{3, 4^2, 6^4, 8^2, 12\})$	704
24	$\mathcal{O}(0; \{3^2, 6^5, 8^2, 12\})$	688
24	$\mathcal{O}(0; \{2, 6^6, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 8^4, 12\})$	1536
24	$\mathcal{O}(0; \{2^3, 3, 4, 6, 8^4, 12\})$	512
24	$\mathcal{O}(0; \{3, 4^3, 6, 8^4, 12\})$	2048
24	$\mathcal{O}(0; \{3^2, 4, 6^2, 8^4, 12\})$	2560
24	$\mathcal{O}(0; \{2, 4, 6^3, 8^4, 12\})$	1536
24	$\mathcal{O}(0; \{3^3, 8^6, 12\})$	12288
24	$\mathcal{O}(0; \{2, 3, 6, 8^6, 12\})$	4096
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 8^2, 12^2\})$	192
24	$\mathcal{O}(0; \{2, 3^5, 4, 8^2, 12^2\})$	1344
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 8^2, 12^2\})$	768

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^6, 4, 6, 8^2, 12^2\})$	64
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6, 8^2, 12^2\})$	704
24	$\mathcal{O}(0; \{2^3, 4^3, 6, 8^2, 12^2\})$	256
24	$\mathcal{O}(0; \{4^5, 6, 8^2, 12^2\})$	1024
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^2, 8^2, 12^2\})$	320
24	$\mathcal{O}(0; \{3, 4^3, 6^2, 8^2, 12^2\})$	1280
24	$\mathcal{O}(0; \{3^2, 4, 6^3, 8^2, 12^2\})$	1344
24	$\mathcal{O}(0; \{2, 4, 6^4, 8^2, 12^2\})$	704
24	$\mathcal{O}(0; \{2^3, 3^2, 8^4, 12^2\})$	1536
24	$\mathcal{O}(0; \{3^2, 4^2, 8^4, 12^2\})$	6144
24	$\mathcal{O}(0; \{2^4, 6, 8^4, 12^2\})$	512
24	$\mathcal{O}(0; \{3^3, 6, 8^4, 12^2\})$	5632
24	$\mathcal{O}(0; \{2, 4^2, 6, 8^4, 12^2\})$	2048
24	$\mathcal{O}(0; \{2, 3, 6^2, 8^4, 12^2\})$	2560
24	$\mathcal{O}(0; \{2^6, 3, 8^2, 12^3\})$	192
24	$\mathcal{O}(0; \{2^2, 3^4, 8^2, 12^3\})$	1344
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 8^2, 12^3\})$	768
24	$\mathcal{O}(0; \{3, 4^4, 8^2, 12^3\})$	3072
24	$\mathcal{O}(0; \{2^3, 3^2, 6, 8^2, 12^3\})$	704
24	$\mathcal{O}(0; \{3^2, 4^2, 6, 8^2, 12^3\})$	2816
24	$\mathcal{O}(0; \{2^4, 6^2, 8^2, 12^3\})$	320
24	$\mathcal{O}(0; \{3^3, 6^2, 8^2, 12^3\})$	2752
24	$\mathcal{O}(0; \{2, 4^2, 6^2, 8^2, 12^3\})$	1280
24	$\mathcal{O}(0; \{2, 3, 6^3, 8^2, 12^3\})$	1344
24	$\mathcal{O}(0; \{2, 3, 4, 8^4, 12^3\})$	6144
24	$\mathcal{O}(0; \{2^4, 4, 8^2, 12^4\})$	768
24	$\mathcal{O}(0; \{3^3, 4, 8^2, 12^4\})$	5376
24	$\mathcal{O}(0; \{2, 4^3, 8^2, 12^4\})$	3072
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8^2, 12^4\})$	2816
24	$\mathcal{O}(0; \{2^2, 8^4, 12^4\})$	6144
24	$\mathcal{O}(0; \{2, 3^2, 8^2, 12^5\})$	5376
24	$\mathcal{O}(0; \{2^2, 6, 8^2, 12^5\})$	2816
24	$\mathcal{O}(0; \{8^2, 12^7\})$	21504
24	$\mathcal{O}(0; \{2^{10}, 3^2, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^6, 3^5, 8, 24\})$	88
24	$\mathcal{O}(0; \{2^2, 3^8, 8, 24\})$	680
24	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 8, 24\})$	32
24	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 8, 24\})$	352
24	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 8, 24\})$	128
24	$\mathcal{O}(0; \{3^5, 4^4, 8, 24\})$	1408
24	$\mathcal{O}(0; \{2, 3^2, 4^6, 8, 24\})$	512
24	$\mathcal{O}(0; \{2^{11}, 6, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^7, 3^3, 6, 8, 24\})$	40

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^3, 3^6, 6, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^8, 4^2, 6, 8, 24\})$	32
24	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6, 8, 24\})$	160
24	$\mathcal{O}(0; \{3^6, 4^2, 6, 8, 24\})$	1376
24	$\mathcal{O}(0; \{2^5, 4^4, 6, 8, 24\})$	128
24	$\mathcal{O}(0; \{2, 3^3, 4^4, 6, 8, 24\})$	640
24	$\mathcal{O}(0; \{2^2, 4^6, 6, 8, 24\})$	512
24	$\mathcal{O}(0; \{2^8, 3, 6^2, 8, 24\})$	24
24	$\mathcal{O}(0; \{2^4, 3^4, 6^2, 8, 24\})$	168
24	$\mathcal{O}(0; \{3^7, 6^2, 8, 24\})$	1368
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^2, 8, 24\})$	96
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^2, 8, 24\})$	672
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^2, 8, 24\})$	384
24	$\mathcal{O}(0; \{2^5, 3^2, 6^3, 8, 24\})$	88
24	$\mathcal{O}(0; \{2, 3^5, 6^3, 8, 24\})$	680
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^3, 8, 24\})$	352
24	$\mathcal{O}(0; \{2^6, 6^4, 8, 24\})$	40
24	$\mathcal{O}(0; \{2^2, 3^3, 6^4, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^3, 4^2, 6^4, 8, 24\})$	160
24	$\mathcal{O}(0; \{4^4, 6^4, 8, 24\})$	640
24	$\mathcal{O}(0; \{2^3, 3, 6^5, 8, 24\})$	168
24	$\mathcal{O}(0; \{3, 4^2, 6^5, 8, 24\})$	672
24	$\mathcal{O}(0; \{3^2, 6^6, 8, 24\})$	680
24	$\mathcal{O}(0; \{2, 6^7, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{2, 3^5, 4, 8^3, 24\})$	2816
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 8^3, 24\})$	1024
24	$\mathcal{O}(0; \{2^6, 4, 6, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6, 8^3, 24\})$	1280
24	$\mathcal{O}(0; \{2^3, 4^3, 6, 8^3, 24\})$	1024
24	$\mathcal{O}(0; \{4^5, 6, 8^3, 24\})$	4096
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^2, 8^3, 24\})$	768
24	$\mathcal{O}(0; \{3, 4^3, 6^2, 8^3, 24\})$	3072
24	$\mathcal{O}(0; \{3^2, 4, 6^3, 8^3, 24\})$	2816
24	$\mathcal{O}(0; \{2, 4, 6^4, 8^3, 24\})$	1280
24	$\mathcal{O}(0; \{2^3, 3^2, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{3^2, 4^2, 8^5, 24\})$	8192
24	$\mathcal{O}(0; \{2^4, 6, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{3^3, 6, 8^5, 24\})$	10240
24	$\mathcal{O}(0; \{2, 4^2, 6, 8^5, 24\})$	8192
24	$\mathcal{O}(0; \{2, 3, 6^2, 8^5, 24\})$	6144
24	$\mathcal{O}(0; \{2^8, 3, 4, 8, 12, 24\})$	32
24	$\mathcal{O}(0; \{2^4, 3^4, 4, 8, 12, 24\})$	352

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 4, 8^3, 12^2, 24\})$	1024
24	$\mathcal{O}(0; \{3^3, 4, 8^3, 12^2, 24\})$	11264
24	$\mathcal{O}(0; \{2, 4^3, 8^3, 12^2, 24\})$	4096
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8^3, 12^2, 24\})$	5120
24	$\mathcal{O}(0; \{2^2, 8^5, 12^2, 24\})$	8192
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 8, 12^3, 24\})$	1408
24	$\mathcal{O}(0; \{3^2, 4^3, 8, 12^3, 24\})$	5632
24	$\mathcal{O}(0; \{2^4, 4, 6, 8, 12^3, 24\})$	640
24	$\mathcal{O}(0; \{3^3, 4, 6, 8, 12^3, 24\})$	5504
24	$\mathcal{O}(0; \{2, 4^3, 6, 8, 12^3, 24\})$	2560
24	$\mathcal{O}(0; \{2, 3, 4, 6^2, 8, 12^3, 24\})$	2688
24	$\mathcal{O}(0; \{2, 3^2, 8^3, 12^3, 24\})$	11264
24	$\mathcal{O}(0; \{2^2, 6, 8^3, 12^3, 24\})$	5120
24	$\mathcal{O}(0; \{2^4, 3, 8, 12^4, 24\})$	1408
24	$\mathcal{O}(0; \{3^4, 8, 12^4, 24\})$	10880
24	$\mathcal{O}(0; \{2, 3, 4^2, 8, 12^4, 24\})$	5632
24	$\mathcal{O}(0; \{2, 3^2, 6, 8, 12^4, 24\})$	5504
24	$\mathcal{O}(0; \{2^2, 6^2, 8, 12^4, 24\})$	2688
24	$\mathcal{O}(0; \{2^2, 4, 8, 12^5, 24\})$	5632
24	$\mathcal{O}(0; \{8^3, 12^5, 24\})$	45056
24	$\mathcal{O}(0; \{6, 8, 12^6, 24\})$	22016
24	$\mathcal{O}(0; \{2^{11}, 4, 24^2\})$	16
24	$\mathcal{O}(0; \{2^7, 3^3, 4, 24^2\})$	80
24	$\mathcal{O}(0; \{2^3, 3^6, 4, 24^2\})$	688
24	$\mathcal{O}(0; \{2^8, 4^3, 24^2\})$	64
24	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 24^2\})$	320
24	$\mathcal{O}(0; \{3^6, 4^3, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^5, 4^5, 24^2\})$	256
24	$\mathcal{O}(0; \{2, 3^3, 4^5, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^2, 4^7, 24^2\})$	1024
24	$\mathcal{O}(0; \{2^8, 3, 4, 6, 24^2\})$	48
24	$\mathcal{O}(0; \{2^4, 3^4, 4, 6, 24^2\})$	336
24	$\mathcal{O}(0; \{3^7, 4, 6, 24^2\})$	2736
24	$\mathcal{O}(0; \{2^5, 3, 4^3, 6, 24^2\})$	192
24	$\mathcal{O}(0; \{2, 3^4, 4^3, 6, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^2, 3, 4^5, 6, 24^2\})$	768
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^2, 24^2\})$	176
24	$\mathcal{O}(0; \{2, 3^5, 4, 6^2, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^2, 24^2\})$	704
24	$\mathcal{O}(0; \{2^6, 4, 6^3, 24^2\})$	80
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^3, 24^2\})$	688
24	$\mathcal{O}(0; \{2^3, 4^3, 6^3, 24^2\})$	320
24	$\mathcal{O}(0; \{4^5, 6^3, 24^2\})$	1280

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^4, 24^2\})$	336
24	$\mathcal{O}(0; \{3, 4^3, 6^4, 24^2\})$	1344
24	$\mathcal{O}(0; \{3^2, 4, 6^5, 24^2\})$	1360
24	$\mathcal{O}(0; \{2, 4, 6^6, 24^2\})$	688
24	$\mathcal{O}(0; \{2^9, 8^2, 24^2\})$	128
24	$\mathcal{O}(0; \{2^5, 3^3, 8^2, 24^2\})$	640
24	$\mathcal{O}(0; \{2, 3^6, 8^2, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^6, 4^2, 8^2, 24^2\})$	512
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 8^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^3, 4^4, 8^2, 24^2\})$	2048
24	$\mathcal{O}(0; \{4^6, 8^2, 24^2\})$	8192
24	$\mathcal{O}(0; \{2^6, 3, 6, 8^2, 24^2\})$	384
24	$\mathcal{O}(0; \{2^2, 3^4, 6, 8^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6, 8^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{3, 4^4, 6, 8^2, 24^2\})$	6144
24	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 8^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{3^2, 4^2, 6^2, 8^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^4, 6^3, 8^2, 24^2\})$	640
24	$\mathcal{O}(0; \{3^3, 6^3, 8^2, 24^2\})$	5504
24	$\mathcal{O}(0; \{2, 4^2, 6^3, 8^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{2, 3, 6^4, 8^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^4, 4, 8^4, 24^2\})$	4096
24	$\mathcal{O}(0; \{3^3, 4, 8^4, 24^2\})$	20480
24	$\mathcal{O}(0; \{2, 4^3, 8^4, 24^2\})$	16384
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8^4, 24^2\})$	12288
24	$\mathcal{O}(0; \{2^2, 8^6, 24^2\})$	32768
24	$\mathcal{O}(0; \{2^8, 3^2, 12, 24^2\})$	80
24	$\mathcal{O}(0; \{2^4, 3^5, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{3^8, 12, 24^2\})$	5456
24	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 12, 24^2\})$	320
24	$\mathcal{O}(0; \{2, 3^5, 4^2, 12, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^9, 6, 12, 24^2\})$	48
24	$\mathcal{O}(0; \{2^5, 3^3, 6, 12, 24^2\})$	336
24	$\mathcal{O}(0; \{2, 3^6, 6, 12, 24^2\})$	2736
24	$\mathcal{O}(0; \{2^6, 4^2, 6, 12, 24^2\})$	192
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6, 12, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^3, 4^4, 6, 12, 24^2\})$	768
24	$\mathcal{O}(0; \{4^6, 6, 12, 24^2\})$	3072
24	$\mathcal{O}(0; \{2^6, 3, 6^2, 12, 24^2\})$	176
24	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^2, 12, 24^2\})$	704
24	$\mathcal{O}(0; \{3, 4^4, 6^2, 12, 24^2\})$	2816

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{3^2, 4^2, 6^3, 12, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^4, 6^4, 12, 24^2\})$	336
24	$\mathcal{O}(0; \{3^3, 6^4, 12, 24^2\})$	2736
24	$\mathcal{O}(0; \{2, 4^2, 6^4, 12, 24^2\})$	1344
24	$\mathcal{O}(0; \{2, 3, 6^5, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 8^2, 12, 24^2\})$	2560
24	$\mathcal{O}(0; \{3^2, 4^3, 8^2, 12, 24^2\})$	10240
24	$\mathcal{O}(0; \{2^4, 4, 6, 8^2, 12, 24^2\})$	1536
24	$\mathcal{O}(0; \{3^3, 4, 6, 8^2, 12, 24^2\})$	10752
24	$\mathcal{O}(0; \{2, 4^3, 6, 8^2, 12, 24^2\})$	6144
24	$\mathcal{O}(0; \{2, 3, 4, 6^2, 8^2, 12, 24^2\})$	5632
24	$\mathcal{O}(0; \{2, 3^2, 8^4, 12, 24^2\})$	20480
24	$\mathcal{O}(0; \{2^2, 6, 8^4, 12, 24^2\})$	12288
24	$\mathcal{O}(0; \{2^6, 3, 4, 12^2, 24^2\})$	320
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 12^2, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 12^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{3, 4^5, 12^2, 24^2\})$	5120
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6, 12^2, 24^2\})$	1344
24	$\mathcal{O}(0; \{3^2, 4^3, 6, 12^2, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^4, 4, 6^2, 12^2, 24^2\})$	704
24	$\mathcal{O}(0; \{3^3, 4, 6^2, 12^2, 24^2\})$	5440
24	$\mathcal{O}(0; \{2, 4^3, 6^2, 12^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2, 3, 4, 6^3, 12^2, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^4, 3, 8^2, 12^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{3^4, 8^2, 12^2, 24^2\})$	22016
24	$\mathcal{O}(0; \{2, 3, 4^2, 8^2, 12^2, 24^2\})$	10240
24	$\mathcal{O}(0; \{2, 3^2, 6, 8^2, 12^2, 24^2\})$	10752
24	$\mathcal{O}(0; \{2^2, 6^2, 8^2, 12^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^7, 12^3, 24^2\})$	320
24	$\mathcal{O}(0; \{2^3, 3^3, 12^3, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^4, 4^2, 12^3, 24^2\})$	1280
24	$\mathcal{O}(0; \{3^3, 4^2, 12^3, 24^2\})$	11008
24	$\mathcal{O}(0; \{2, 4^4, 12^3, 24^2\})$	5120
24	$\mathcal{O}(0; \{2^4, 3, 6, 12^3, 24^2\})$	1344
24	$\mathcal{O}(0; \{3^4, 6, 12^3, 24^2\})$	10944
24	$\mathcal{O}(0; \{2, 3, 4^2, 6, 12^3, 24^2\})$	5376
24	$\mathcal{O}(0; \{2, 3^2, 6^2, 12^3, 24^2\})$	5440
24	$\mathcal{O}(0; \{2^2, 6^3, 12^3, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^2, 4, 8^2, 12^3, 24^2\})$	10240
24	$\mathcal{O}(0; \{8^4, 12^3, 24^2\})$	81920
24	$\mathcal{O}(0; \{2, 3^2, 4, 12^4, 24^2\})$	11008
24	$\mathcal{O}(0; \{2^2, 4, 6, 12^4, 24^2\})$	5376

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{6, 8^2, 12^4, 24^2\})$	43008
24	$\mathcal{O}(0; \{2^2, 3, 12^5, 24^2\})$	11008
24	$\mathcal{O}(0; \{6^2, 12^5, 24^2\})$	21760
24	$\mathcal{O}(0; \{4, 12^6, 24^2\})$	44032
24	$\mathcal{O}(0; \{2^6, 3, 4, 8, 24^3\})$	768
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 8, 24^3\})$	5376
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 8, 24^3\})$	3072
24	$\mathcal{O}(0; \{3, 4^5, 8, 24^3\})$	12288
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6, 8, 24^3\})$	2816
24	$\mathcal{O}(0; \{3^2, 4^3, 6, 8, 24^3\})$	11264
24	$\mathcal{O}(0; \{2^4, 4, 6^2, 8, 24^3\})$	1280
24	$\mathcal{O}(0; \{3^3, 4, 6^2, 8, 24^3\})$	11008
24	$\mathcal{O}(0; \{2, 4^3, 6^2, 8, 24^3\})$	5120
24	$\mathcal{O}(0; \{2, 3, 4, 6^3, 8, 24^3\})$	5376
24	$\mathcal{O}(0; \{2^4, 3, 8^3, 24^3\})$	6144
24	$\mathcal{O}(0; \{3^4, 8^3, 24^3\})$	43008
24	$\mathcal{O}(0; \{2, 3, 4^2, 8^3, 24^3\})$	24576
24	$\mathcal{O}(0; \{2, 3^2, 6, 8^3, 24^3\})$	22528
24	$\mathcal{O}(0; \{2^2, 6^2, 8^3, 24^3\})$	10240
24	$\mathcal{O}(0; \{2^7, 8, 12, 24^3\})$	768
24	$\mathcal{O}(0; \{2^3, 3^3, 8, 12, 24^3\})$	5376
24	$\mathcal{O}(0; \{2^4, 4^2, 8, 12, 24^3\})$	3072
24	$\mathcal{O}(0; \{3^3, 4^2, 8, 12, 24^3\})$	21504
24	$\mathcal{O}(0; \{2, 4^4, 8, 12, 24^3\})$	12288
24	$\mathcal{O}(0; \{2^4, 3, 6, 8, 12, 24^3\})$	2816
24	$\mathcal{O}(0; \{3^4, 6, 8, 12, 24^3\})$	21760
24	$\mathcal{O}(0; \{2, 3, 4^2, 6, 8, 12, 24^3\})$	11264
24	$\mathcal{O}(0; \{2, 3^2, 6^2, 8, 12, 24^3\})$	11008
24	$\mathcal{O}(0; \{2^2, 6^3, 8, 12, 24^3\})$	5376
24	$\mathcal{O}(0; \{2^2, 4, 8^3, 12, 24^3\})$	24576
24	$\mathcal{O}(0; \{8^5, 12, 24^3\})$	196608
24	$\mathcal{O}(0; \{2, 3^2, 4, 8, 12^2, 24^3\})$	21504
24	$\mathcal{O}(0; \{2^2, 4, 6, 8, 12^2, 24^3\})$	11264
24	$\mathcal{O}(0; \{6, 8^3, 12^2, 24^3\})$	90112
24	$\mathcal{O}(0; \{2^2, 3, 8, 12^3, 24^3\})$	21504
24	$\mathcal{O}(0; \{6^2, 8, 12^3, 24^3\})$	44032
24	$\mathcal{O}(0; \{4, 8, 12^4, 24^3\})$	86016
24	$\mathcal{O}(0; \{2^6, 3^2, 24^4\})$	1408
24	$\mathcal{O}(0; \{2^2, 3^5, 24^4\})$	10880
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 24^4\})$	5632
24	$\mathcal{O}(0; \{3^2, 4^4, 24^4\})$	22528
24	$\mathcal{O}(0; \{2^7, 6, 24^4\})$	640
24	$\mathcal{O}(0; \{2^3, 3^3, 6, 24^4\})$	5504

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 4^2, 6, 24^4\})$	2560
24	$\mathcal{O}(0; \{3^3, 4^2, 6, 24^4\})$	22016
24	$\mathcal{O}(0; \{2, 4^4, 6, 24^4\})$	10240
24	$\mathcal{O}(0; \{2^4, 3, 6^2, 24^4\})$	2688
24	$\mathcal{O}(0; \{3^4, 6^2, 24^4\})$	21888
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^2, 24^4\})$	10752
24	$\mathcal{O}(0; \{2, 3^2, 6^3, 24^4\})$	10880
24	$\mathcal{O}(0; \{2^2, 6^4, 24^4\})$	5504
24	$\mathcal{O}(0; \{2, 3^2, 4, 8^2, 24^4\})$	45056
24	$\mathcal{O}(0; \{2^2, 4, 6, 8^2, 24^4\})$	20480
24	$\mathcal{O}(0; \{6, 8^4, 24^4\})$	163840
24	$\mathcal{O}(0; \{2^4, 3, 4, 12, 24^4\})$	5632
24	$\mathcal{O}(0; \{3^4, 4, 12, 24^4\})$	43520
24	$\mathcal{O}(0; \{2, 3, 4^3, 12, 24^4\})$	22528
24	$\mathcal{O}(0; \{2, 3^2, 4, 6, 12, 24^4\})$	22016
24	$\mathcal{O}(0; \{2^2, 4, 6^2, 12, 24^4\})$	10752
24	$\mathcal{O}(0; \{2^2, 3, 8^2, 12, 24^4\})$	45056
24	$\mathcal{O}(0; \{6^2, 8^2, 12, 24^4\})$	86016
24	$\mathcal{O}(0; \{2^5, 12^2, 24^4\})$	5632
24	$\mathcal{O}(0; \{2, 3^3, 12^2, 24^4\})$	43520
24	$\mathcal{O}(0; \{2^2, 4^2, 12^2, 24^4\})$	22528
24	$\mathcal{O}(0; \{2^2, 3, 6, 12^2, 24^4\})$	22016
24	$\mathcal{O}(0; \{6^3, 12^2, 24^4\})$	43520
24	$\mathcal{O}(0; \{4, 8^2, 12^2, 24^4\})$	180224
24	$\mathcal{O}(0; \{4, 6, 12^3, 24^4\})$	88064
24	$\mathcal{O}(0; \{3, 12^4, 24^4\})$	174080
24	$\mathcal{O}(0; \{2^5, 8, 24^5\})$	10240
24	$\mathcal{O}(0; \{2, 3^3, 8, 24^5\})$	88064
24	$\mathcal{O}(0; \{2^2, 4^2, 8, 24^5\})$	40960
24	$\mathcal{O}(0; \{2^2, 3, 6, 8, 24^5\})$	43008
24	$\mathcal{O}(0; \{6^3, 8, 24^5\})$	88064
24	$\mathcal{O}(0; \{4, 8^3, 24^5\})$	327680
24	$\mathcal{O}(0; \{4, 6, 8, 12, 24^5\})$	172032
24	$\mathcal{O}(0; \{3, 8, 12^2, 24^5\})$	352256
24	$\mathcal{O}(0; \{2^2, 3, 4, 24^6\})$	86016
24	$\mathcal{O}(0; \{4, 6^2, 24^6\})$	176128
24	$\mathcal{O}(0; \{3, 8^2, 24^6\})$	688128
24	$\mathcal{O}(0; \{2^3, 12, 24^6\})$	86016
24	$\mathcal{O}(0; \{4^2, 12, 24^6\})$	344064
24	$\mathcal{O}(0; \{3, 6, 12, 24^6\})$	348160
24	$\mathcal{O}(0; \{2, 24^8\})$	1409024
25	$\mathcal{O}(3; \{25^2\})$	4882812500
25	$\mathcal{O}(1; \{5^5, 25^2\})$	12800000

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
26	$\mathcal{O}(2; \{13^4\})$	683750340
26	$\mathcal{O}(1; \{2^4, 13^4\})$	1078896
26	$\mathcal{O}(1; \{2^2, 13^3, 26^2\})$	12938640
26	$\mathcal{O}(1; \{13^2, 26^4\})$	155271792
26	$\mathcal{O}(0; \{2^8, 13^4\})$	1596
26	$\mathcal{O}(0; \{2^6, 13^3, 26^2\})$	19140
26	$\mathcal{O}(0; \{2^4, 13^2, 26^4\})$	229692
26	$\mathcal{O}(0; \{2^2, 13, 26^6\})$	2756292
26	$\mathcal{O}(0; \{26^8\})$	33075516
27	$\mathcal{O}(2; \{3, 9, 27^2\})$	114791256
27	$\mathcal{O}(1; \{3^4, 9, 27^2\})$	1259712
27	$\mathcal{O}(1; \{9^4, 27^2\})$	17006112
27	$\mathcal{O}(1; \{3, 27^5\})$	95659380
27	$\mathcal{O}(0; \{3^7, 9, 27^2\})$	13824
27	$\mathcal{O}(0; \{3^3, 9^4, 27^2\})$	186624
27	$\mathcal{O}(0; \{3^4, 27^5\})$	1049760
27	$\mathcal{O}(0; \{9^3, 27^5\})$	14171760
28	$\mathcal{O}(2; \{2^3, 7, 14\})$	3457440
28	$\mathcal{O}(2; \{4^2, 7, 14\})$	7375872
28	$\mathcal{O}(2; \{2, 14^3\})$	17287200
28	$\mathcal{O}(2; \{2, 7, 28^2\})$	36879360
28	$\mathcal{O}(1; \{2^2, 7^5\})$	652680
28	$\mathcal{O}(1; \{2^7, 7, 14\})$	3528
28	$\mathcal{O}(1; \{2^4, 4^2, 7, 14\})$	9408
28	$\mathcal{O}(1; \{2, 4^4, 7, 14\})$	37632
28	$\mathcal{O}(1; \{7^4, 14^2\})$	3919608
28	$\mathcal{O}(1; \{2^5, 14^3\})$	17640
28	$\mathcal{O}(1; \{2^2, 4^2, 14^3\})$	47040
28	$\mathcal{O}(1; \{2^2, 4, 7^3, 28\})$	291648
28	$\mathcal{O}(1; \{4, 7^2, 14^2, 28\})$	1740480
28	$\mathcal{O}(1; \{2^5, 7, 28^2\})$	47040
28	$\mathcal{O}(1; \{2^2, 4^2, 7, 28^2\})$	188160
28	$\mathcal{O}(1; \{2^3, 14^2, 28^2\})$	291648
28	$\mathcal{O}(1; \{4^2, 14^2, 28^2\})$	1166592
28	$\mathcal{O}(1; \{2, 14, 28^4\})$	6961920
28	$\mathcal{O}(0; \{2^3, 4^2, 7^5\})$	2220
28	$\mathcal{O}(0; \{4^4, 7^5\})$	8880
28	$\mathcal{O}(0; \{2^8, 4^2, 7, 14\})$	12
28	$\mathcal{O}(0; \{2^5, 4^4, 7, 14\})$	48
28	$\mathcal{O}(0; \{2^2, 4^6, 7, 14\})$	192
28	$\mathcal{O}(0; \{2, 4^2, 7^4, 14^2\})$	13332
28	$\mathcal{O}(0; \{2^6, 4^2, 14^3\})$	60
28	$\mathcal{O}(0; \{2^3, 4^4, 14^3\})$	240

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{4^6, 14^3\})$	960
28	$\mathcal{O}(0; \{2^6, 4, 7^3, 28\})$	372
28	$\mathcal{O}(0; \{2^3, 4^3, 7^3, 28\})$	1488
28	$\mathcal{O}(0; \{4^5, 7^3, 28\})$	5952
28	$\mathcal{O}(0; \{2^4, 4, 7^2, 14^2, 28\})$	2220
28	$\mathcal{O}(0; \{2, 4^3, 7^2, 14^2, 28\})$	8880
28	$\mathcal{O}(0; \{2^2, 4, 7, 14^4, 28\})$	13332
28	$\mathcal{O}(0; \{4, 14^6, 28\})$	79980
28	$\mathcal{O}(0; \{2^9, 7, 28^2\})$	60
28	$\mathcal{O}(0; \{2^6, 4^2, 7, 28^2\})$	240
28	$\mathcal{O}(0; \{2^3, 4^4, 7, 28^2\})$	960
28	$\mathcal{O}(0; \{4^6, 7, 28^2\})$	3840
28	$\mathcal{O}(0; \{2^2, 7^4, 14, 28^2\})$	79980
28	$\mathcal{O}(0; \{2^7, 14^2, 28^2\})$	372
28	$\mathcal{O}(0; \{2^4, 4^2, 14^2, 28^2\})$	1488
28	$\mathcal{O}(0; \{2, 4^4, 14^2, 28^2\})$	5952
28	$\mathcal{O}(0; \{7^3, 14^3, 28^2\})$	479892
28	$\mathcal{O}(0; \{2^2, 4, 7^2, 14, 28^3\})$	53328
28	$\mathcal{O}(0; \{4, 7, 14^3, 28^3\})$	319920
28	$\mathcal{O}(0; \{7^4, 28^4\})$	1919568
28	$\mathcal{O}(0; \{2^5, 14, 28^4\})$	8880
28	$\mathcal{O}(0; \{2^2, 4^2, 14, 28^4\})$	35520
28	$\mathcal{O}(0; \{4, 7^2, 28^5\})$	1279680
28	$\mathcal{O}(0; \{2^3, 28^6\})$	213312
28	$\mathcal{O}(0; \{4^2, 28^6\})$	853248
30	$\mathcal{O}(2; \{3^2, 5^2\})$	6075000
30	$\mathcal{O}(2; \{2, 3, 5, 30\})$	6480000
30	$\mathcal{O}(2; \{2^2, 30^2\})$	6480000
30	$\mathcal{O}(1; \{2^4, 3^2, 5^2\})$	7200
30	$\mathcal{O}(1; \{3^5, 5^2\})$	27000
30	$\mathcal{O}(1; \{2, 3^3, 5^2, 6\})$	21600
30	$\mathcal{O}(1; \{2^2, 3, 5^2, 6^2\})$	7200
30	$\mathcal{O}(1; \{5^2, 6^4\})$	21600
30	$\mathcal{O}(1; \{2^2, 3^2, 5, 10^2\})$	21600
30	$\mathcal{O}(1; \{3, 5, 6^2, 10^2\})$	21600
30	$\mathcal{O}(1; \{3^2, 10^4\})$	93600
30	$\mathcal{O}(1; \{3, 5^2, 6, 10, 15\})$	93600
30	$\mathcal{O}(1; \{3, 5^3, 15^2\})$	275400
30	$\mathcal{O}(1; \{2^3, 3, 10, 15^2\})$	21600
30	$\mathcal{O}(1; \{3^2, 6, 10, 15^2\})$	108000
30	$\mathcal{O}(1; \{2, 6^2, 10, 15^2\})$	64800
30	$\mathcal{O}(1; \{3^2, 5, 15^3\})$	351000
30	$\mathcal{O}(1; \{2, 5, 6, 15^3\})$	280800

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{2^5, 3, 5, 30\})$	7200
30	$\mathcal{O}(1; \{2, 3^4, 5, 30\})$	36000
30	$\mathcal{O}(1; \{2^2, 3^2, 5, 6, 30\})$	21600
30	$\mathcal{O}(1; \{2^3, 5, 6^2, 30\})$	7200
30	$\mathcal{O}(1; \{3, 5, 6^3, 30\})$	36000
30	$\mathcal{O}(1; \{3, 5^3, 10, 30\})$	367200
30	$\mathcal{O}(1; \{2^3, 3, 10^2, 30\})$	21600
30	$\mathcal{O}(1; \{3^2, 6, 10^2, 30\})$	64800
30	$\mathcal{O}(1; \{2, 6^2, 10^2, 30\})$	21600
30	$\mathcal{O}(1; \{3^2, 5, 10, 15, 30\})$	280800
30	$\mathcal{O}(1; \{2, 5, 6, 10, 15, 30\})$	93600
30	$\mathcal{O}(1; \{2, 5^2, 15^2, 30\})$	367200
30	$\mathcal{O}(1; \{2, 3, 15^3, 30\})$	468000
30	$\mathcal{O}(1; \{2^6, 30^2\})$	7200
30	$\mathcal{O}(1; \{2^2, 3^3, 30^2\})$	36000
30	$\mathcal{O}(1; \{2^3, 3, 6, 30^2\})$	21600
30	$\mathcal{O}(1; \{3^2, 6^2, 30^2\})$	79200
30	$\mathcal{O}(1; \{2, 6^3, 30^2\})$	36000
30	$\mathcal{O}(1; \{2, 5^2, 10, 30^2\})$	367200
30	$\mathcal{O}(1; \{2, 3, 10, 15, 30^2\})$	280800
30	$\mathcal{O}(0; \{2^8, 3^2, 5^2\})$	8
30	$\mathcal{O}(0; \{2^4, 3^5, 5^2\})$	40
30	$\mathcal{O}(0; \{2^5, 3^3, 5^2, 6\})$	24
30	$\mathcal{O}(0; \{2, 3^6, 5^2, 6\})$	168
30	$\mathcal{O}(0; \{2^6, 3, 5^2, 6^2\})$	8
30	$\mathcal{O}(0; \{2^2, 3^4, 5^2, 6^2\})$	88
30	$\mathcal{O}(0; \{2^3, 3^2, 5^2, 6^3\})$	40
30	$\mathcal{O}(0; \{2^4, 5^2, 6^4\})$	24
30	$\mathcal{O}(0; \{3^3, 5^2, 6^4\})$	168
30	$\mathcal{O}(0; \{2, 3, 5^2, 6^5\})$	88
30	$\mathcal{O}(0; \{2^3, 3^2, 5^4, 10\})$	408
30	$\mathcal{O}(0; \{3^3, 5^4, 6, 10\})$	1224
30	$\mathcal{O}(0; \{2, 3, 5^4, 6^2, 10\})$	408
30	$\mathcal{O}(0; \{2^6, 3^2, 5, 10^2\})$	24
30	$\mathcal{O}(0; \{2^2, 3^5, 5, 10^2\})$	120
30	$\mathcal{O}(0; \{2^3, 3^3, 5, 6, 10^2\})$	72
30	$\mathcal{O}(0; \{2^4, 3, 5, 6^2, 10^2\})$	24
30	$\mathcal{O}(0; \{3^4, 5, 6^2, 10^2\})$	264
30	$\mathcal{O}(0; \{2, 3^2, 5, 6^3, 10^2\})$	120
30	$\mathcal{O}(0; \{2^2, 5, 6^4, 10^2\})$	72
30	$\mathcal{O}(0; \{2, 3^2, 5^3, 10^3\})$	1640
30	$\mathcal{O}(0; \{2^4, 3^2, 10^4\})$	104
30	$\mathcal{O}(0; \{3^5, 10^4\})$	520

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2, 3^3, 6, 10^4\})$	312
30	$\mathcal{O}(0; \{2^2, 3, 6^2, 10^4\})$	104
30	$\mathcal{O}(0; \{6^4, 10^4\})$	312
30	$\mathcal{O}(0; \{2, 3, 5^5, 6, 15\})$	1640
30	$\mathcal{O}(0; \{2^3, 3^3, 5^2, 10, 15\})$	312
30	$\mathcal{O}(0; \{2^4, 3, 5^2, 6, 10, 15\})$	104
30	$\mathcal{O}(0; \{3^4, 5^2, 6, 10, 15\})$	1144
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 6^2, 10, 15\})$	520
30	$\mathcal{O}(0; \{2^2, 5^2, 6^3, 10, 15\})$	312
30	$\mathcal{O}(0; \{2, 3^3, 5, 10^3, 15\})$	1224
30	$\mathcal{O}(0; \{2^2, 3, 5, 6, 10^3, 15\})$	408
30	$\mathcal{O}(0; \{5, 6^3, 10^3, 15\})$	1224
30	$\mathcal{O}(0; \{3, 6, 10^5, 15\})$	1640
30	$\mathcal{O}(0; \{2^4, 3, 5^3, 15^2\})$	408
30	$\mathcal{O}(0; \{2, 3^2, 5^3, 6, 15^2\})$	2040
30	$\mathcal{O}(0; \{2^2, 5^3, 6^2, 15^2\})$	1224
30	$\mathcal{O}(0; \{2^7, 3, 10, 15^2\})$	24
30	$\mathcal{O}(0; \{2^3, 3^4, 10, 15^2\})$	264
30	$\mathcal{O}(0; \{2^4, 3^2, 6, 10, 15^2\})$	120
30	$\mathcal{O}(0; \{3^5, 6, 10, 15^2\})$	1032
30	$\mathcal{O}(0; \{2^5, 6^2, 10, 15^2\})$	72
30	$\mathcal{O}(0; \{2, 3^3, 6^2, 10, 15^2\})$	504
30	$\mathcal{O}(0; \{2^2, 3, 6^3, 10, 15^2\})$	264
30	$\mathcal{O}(0; \{6^5, 10, 15^2\})$	504
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 10^2, 15^2\})$	1640
30	$\mathcal{O}(0; \{5^2, 6^2, 10^2, 15^2\})$	4920
30	$\mathcal{O}(0; \{3, 5, 10^4, 15^2\})$	6552
30	$\mathcal{O}(0; \{2^4, 3^2, 5, 15^3\})$	520
30	$\mathcal{O}(0; \{2^5, 5, 6, 15^3\})$	312
30	$\mathcal{O}(0; \{2, 3^3, 5, 6, 15^3\})$	2184
30	$\mathcal{O}(0; \{2^2, 3, 5, 6^2, 15^3\})$	1144
30	$\mathcal{O}(0; \{5, 6^4, 15^3\})$	2184
30	$\mathcal{O}(0; \{5^3, 6, 10, 15^3\})$	19656
30	$\mathcal{O}(0; \{2^2, 3^2, 10^2, 15^3\})$	2040
30	$\mathcal{O}(0; \{2^3, 6, 10^2, 15^3\})$	1224
30	$\mathcal{O}(0; \{3, 6^2, 10^2, 15^3\})$	4488
30	$\mathcal{O}(0; \{2^3, 5, 10, 15^4\})$	4920
30	$\mathcal{O}(0; \{3, 5, 6, 10, 15^4\})$	18040
30	$\mathcal{O}(0; \{2, 10^3, 15^4\})$	19656
30	$\mathcal{O}(0; \{2, 6, 15^6\})$	34440
30	$\mathcal{O}(0; \{2^9, 3, 5, 30\})$	8
30	$\mathcal{O}(0; \{2^5, 3^4, 5, 30\})$	40
30	$\mathcal{O}(0; \{2, 3^7, 5, 30\})$	344

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2, 3, 5^6, 30\})$	6552
30	$\mathcal{O}(0; \{2^6, 3^2, 5, 6, 30\})$	24
30	$\mathcal{O}(0; \{2^2, 3^5, 5, 6, 30\})$	168
30	$\mathcal{O}(0; \{2^7, 5, 6^2, 30\})$	8
30	$\mathcal{O}(0; \{2^3, 3^3, 5, 6^2, 30\})$	88
30	$\mathcal{O}(0; \{2^4, 3, 5, 6^3, 30\})$	40
30	$\mathcal{O}(0; \{3^4, 5, 6^3, 30\})$	344
30	$\mathcal{O}(0; \{2, 3^2, 5, 6^4, 30\})$	168
30	$\mathcal{O}(0; \{2^2, 5, 6^5, 30\})$	88
30	$\mathcal{O}(0; \{2^4, 3, 5^3, 10, 30\})$	408
30	$\mathcal{O}(0; \{3^4, 5^3, 10, 30\})$	2040
30	$\mathcal{O}(0; \{2, 3^2, 5^3, 6, 10, 30\})$	1224
30	$\mathcal{O}(0; \{2^2, 5^3, 6^2, 10, 30\})$	408
30	$\mathcal{O}(0; \{2^7, 3, 10^2, 30\})$	24
30	$\mathcal{O}(0; \{2^3, 3^4, 10^2, 30\})$	120
30	$\mathcal{O}(0; \{2^4, 3^2, 6, 10^2, 30\})$	72
30	$\mathcal{O}(0; \{3^5, 6, 10^2, 30\})$	504
30	$\mathcal{O}(0; \{2^5, 6^2, 10^2, 30\})$	24
30	$\mathcal{O}(0; \{2, 3^3, 6^2, 10^2, 30\})$	264
30	$\mathcal{O}(0; \{2^2, 3, 6^3, 10^2, 30\})$	120
30	$\mathcal{O}(0; \{6^5, 10^2, 30\})$	264
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 10^3, 30\})$	1640
30	$\mathcal{O}(0; \{5^2, 6^2, 10^3, 30\})$	1640
30	$\mathcal{O}(0; \{3, 5, 10^5, 30\})$	6552
30	$\mathcal{O}(0; \{2, 3^2, 5^4, 15, 30\})$	4920
30	$\mathcal{O}(0; \{2^2, 5^4, 6, 15, 30\})$	1640
30	$\mathcal{O}(0; \{2^4, 3^2, 5, 10, 15, 30\})$	312
30	$\mathcal{O}(0; \{3^5, 5, 10, 15, 30\})$	2184
30	$\mathcal{O}(0; \{2^5, 5, 6, 10, 15, 30\})$	104
30	$\mathcal{O}(0; \{2, 3^3, 5, 6, 10, 15, 30\})$	1144
30	$\mathcal{O}(0; \{2^2, 3, 5, 6^2, 10, 15, 30\})$	520
30	$\mathcal{O}(0; \{5, 6^4, 10, 15, 30\})$	1144
30	$\mathcal{O}(0; \{5^3, 6, 10^2, 15, 30\})$	6552
30	$\mathcal{O}(0; \{2^2, 3^2, 10^3, 15, 30\})$	1224
30	$\mathcal{O}(0; \{2^3, 6, 10^3, 15, 30\})$	408
30	$\mathcal{O}(0; \{3, 6^2, 10^3, 15, 30\})$	2040
30	$\mathcal{O}(0; \{2^5, 5^2, 15^2, 30\})$	408
30	$\mathcal{O}(0; \{2, 3^3, 5^2, 15^2, 30\})$	4488
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 6, 15^2, 30\})$	2040
30	$\mathcal{O}(0; \{5^2, 6^3, 15^2, 30\})$	4488
30	$\mathcal{O}(0; \{5^4, 10, 15^2, 30\})$	26216
30	$\mathcal{O}(0; \{2^3, 5, 10^2, 15^2, 30\})$	1640
30	$\mathcal{O}(0; \{3, 5, 6, 10^2, 15^2, 30\})$	8200

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2, 10^4, 15^2, 30\})$	6552
30	$\mathcal{O}(0; \{2^5, 3, 15^3, 30\})$	520
30	$\mathcal{O}(0; \{2, 3^4, 15^3, 30\})$	4472
30	$\mathcal{O}(0; \{2^2, 3^2, 6, 15^3, 30\})$	2184
30	$\mathcal{O}(0; \{2^3, 6^2, 15^3, 30\})$	1144
30	$\mathcal{O}(0; \{3, 6^3, 15^3, 30\})$	4472
30	$\mathcal{O}(0; \{3, 5^2, 10, 15^3, 30\})$	32760
30	$\mathcal{O}(0; \{3^2, 10, 15^4, 30\})$	34440
30	$\mathcal{O}(0; \{2, 6, 10, 15^4, 30\})$	18040
30	$\mathcal{O}(0; \{2, 5, 15^5, 30\})$	72072
30	$\mathcal{O}(0; \{2^{10}, 30^2\})$	8
30	$\mathcal{O}(0; \{2^6, 3^3, 30^2\})$	40
30	$\mathcal{O}(0; \{2^2, 3^6, 30^2\})$	344
30	$\mathcal{O}(0; \{2^2, 5^5, 30^2\})$	6552
30	$\mathcal{O}(0; \{2^7, 3, 6, 30^2\})$	24
30	$\mathcal{O}(0; \{2^3, 3^4, 6, 30^2\})$	168
30	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 30^2\})$	88
30	$\mathcal{O}(0; \{3^5, 6^2, 30^2\})$	680
30	$\mathcal{O}(0; \{2^5, 6^3, 30^2\})$	40
30	$\mathcal{O}(0; \{2, 3^3, 6^3, 30^2\})$	344
30	$\mathcal{O}(0; \{2^2, 3, 6^4, 30^2\})$	168
30	$\mathcal{O}(0; \{6^6, 30^2\})$	344
30	$\mathcal{O}(0; \{2^5, 5^2, 10, 30^2\})$	408
30	$\mathcal{O}(0; \{2, 3^3, 5^2, 10, 30^2\})$	2040
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 6, 10, 30^2\})$	1224
30	$\mathcal{O}(0; \{5^2, 6^3, 10, 30^2\})$	2040
30	$\mathcal{O}(0; \{5^4, 10^2, 30^2\})$	26216
30	$\mathcal{O}(0; \{2^3, 5, 10^3, 30^2\})$	1640
30	$\mathcal{O}(0; \{3, 5, 6, 10^3, 30^2\})$	4920
30	$\mathcal{O}(0; \{2, 10^5, 30^2\})$	6552
30	$\mathcal{O}(0; \{2^2, 3, 5^3, 15, 30^2\})$	4920
30	$\mathcal{O}(0; \{5^3, 6^2, 15, 30^2\})$	8200
30	$\mathcal{O}(0; \{2^5, 3, 10, 15, 30^2\})$	312
30	$\mathcal{O}(0; \{2, 3^4, 10, 15, 30^2\})$	2184
30	$\mathcal{O}(0; \{2^2, 3^2, 6, 10, 15, 30^2\})$	1144
30	$\mathcal{O}(0; \{2^3, 6^2, 10, 15, 30^2\})$	520
30	$\mathcal{O}(0; \{3, 6^3, 10, 15, 30^2\})$	2184
30	$\mathcal{O}(0; \{3, 5^2, 10^2, 15, 30^2\})$	19656
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 15^2, 30^2\})$	4488
30	$\mathcal{O}(0; \{2^3, 5, 6, 15^2, 30^2\})$	2040
30	$\mathcal{O}(0; \{3, 5, 6^2, 15^2, 30^2\})$	8568
30	$\mathcal{O}(0; \{3^2, 10^2, 15^2, 30^2\})$	18040
30	$\mathcal{O}(0; \{2, 6, 10^2, 15^2, 30^2\})$	8200

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2, 5, 10, 15^3, 30^2\})$	32760
30	$\mathcal{O}(0; \{5^4, 6, 30^3\})$	19656
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 10, 30^3\})$	2040
30	$\mathcal{O}(0; \{2^3, 5, 6, 10, 30^3\})$	1224
30	$\mathcal{O}(0; \{3, 5, 6^2, 10, 30^3\})$	4488
30	$\mathcal{O}(0; \{3^2, 10^3, 30^3\})$	8200
30	$\mathcal{O}(0; \{2, 6, 10^3, 30^3\})$	4920
30	$\mathcal{O}(0; \{2^3, 5^2, 15, 30^3\})$	4920
30	$\mathcal{O}(0; \{3, 5^2, 6, 15, 30^3\})$	18040
30	$\mathcal{O}(0; \{2, 5, 10^2, 15, 30^3\})$	19656
30	$\mathcal{O}(0; \{2^3, 3, 15^2, 30^3\})$	4488
30	$\mathcal{O}(0; \{3^2, 6, 15^2, 30^3\})$	17544
30	$\mathcal{O}(0; \{2, 6^2, 15^2, 30^3\})$	8568
30	$\mathcal{O}(0; \{3, 5^3, 30^4\})$	32760
30	$\mathcal{O}(0; \{2^3, 3, 10, 30^4\})$	2040
30	$\mathcal{O}(0; \{3^2, 6, 10, 30^4\})$	8568
30	$\mathcal{O}(0; \{2, 6^2, 10, 30^4\})$	4488
30	$\mathcal{O}(0; \{3^2, 5, 15, 30^4\})$	34440
30	$\mathcal{O}(0; \{2, 5, 6, 15, 30^4\})$	18040
30	$\mathcal{O}(0; \{2, 5^2, 30^5\})$	32760
30	$\mathcal{O}(0; \{2, 3, 15, 30^5\})$	34440
31	$\mathcal{O}(0; \{31^7\})$	705483870
32	$\mathcal{O}(2; \{4, 16^2\})$	15728640
32	$\mathcal{O}(1; \{2^4, 4, 16^2\})$	12288
32	$\mathcal{O}(1; \{2, 4^3, 16^2\})$	49152
32	$\mathcal{O}(1; \{2^2, 8^2, 16^2\})$	98304
32	$\mathcal{O}(1; \{8, 16^4\})$	1572864
32	$\mathcal{O}(1; \{2^2, 4, 16, 32^2\})$	262144
32	$\mathcal{O}(1; \{8^2, 16, 32^2\})$	2097152
32	$\mathcal{O}(1; \{4, 32^4\})$	8388608
32	$\mathcal{O}(0; \{2^6, 4, 16, 32^2\})$	256
32	$\mathcal{O}(0; \{2^3, 4^3, 16, 32^2\})$	1024
32	$\mathcal{O}(0; \{4^5, 16, 32^2\})$	4096
32	$\mathcal{O}(0; \{2^4, 8^2, 16, 32^2\})$	2048
32	$\mathcal{O}(0; \{2, 4^2, 8^2, 16, 32^2\})$	8192
32	$\mathcal{O}(0; \{2^2, 8, 16^3, 32^2\})$	32768
32	$\mathcal{O}(0; \{16^5, 32^2\})$	524288
32	$\mathcal{O}(0; \{2^4, 4, 32^4\})$	8192
32	$\mathcal{O}(0; \{2, 4^3, 32^4\})$	32768
32	$\mathcal{O}(0; \{2^2, 8^2, 32^4\})$	65536
32	$\mathcal{O}(0; \{8, 16^2, 32^4\})$	1048576
33	$\mathcal{O}(1; \{3^4, 11^2\})$	65340
33	$\mathcal{O}(1; \{3, 11, 33^3\})$	5945940

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
33	$\mathcal{O}(0; \{3^7, 11^2\})$	420
33	$\mathcal{O}(0; \{11^5, 33^2\})$	1818180
33	$\mathcal{O}(0; \{3^4, 11, 33^3\})$	38220
33	$\mathcal{O}(0; \{3, 33^6\})$	3818220
34	$\mathcal{O}(1; \{2^3, 17^2, 34\})$	277440
34	$\mathcal{O}(1; \{2, 17, 34^3\})$	4457536
34	$\mathcal{O}(0; \{2^7, 17^2, 34\})$	240
34	$\mathcal{O}(0; \{2^5, 17, 34^3\})$	3856
34	$\mathcal{O}(0; \{2^3, 34^5\})$	61680
35	$\mathcal{O}(1; \{5^3, 7, 35\})$	382200
35	$\mathcal{O}(0; \{7^5, 35^2\})$	159960
35	$\mathcal{O}(0; \{5^2, 7^2, 35^3\})$	226440
36	$\mathcal{O}(1; \{2^2, 3^2, 9^2\})$	23328
36	$\mathcal{O}(1; \{2^3, 6, 9^2\})$	11664
36	$\mathcal{O}(1; \{4^2, 6, 9^2\})$	31104
36	$\mathcal{O}(1; \{3, 6^2, 9^2\})$	46656
36	$\mathcal{O}(1; \{3, 4, 9^2, 12\})$	62208
36	$\mathcal{O}(1; \{2, 9^2, 12^2\})$	62208
36	$\mathcal{O}(1; \{2, 9^3, 18\})$	157464
36	$\mathcal{O}(1; \{3^2, 9, 18^2\})$	69984
36	$\mathcal{O}(1; \{2, 6, 9, 18^2\})$	34992
36	$\mathcal{O}(1; \{2^3, 4, 9, 36\})$	15552
36	$\mathcal{O}(1; \{4^3, 9, 36\})$	62208
36	$\mathcal{O}(1; \{3, 4, 6, 9, 36\})$	62208
36	$\mathcal{O}(1; \{3^2, 9, 12, 36\})$	124416
36	$\mathcal{O}(1; \{2, 6, 9, 12, 36\})$	62208
36	$\mathcal{O}(1; \{2, 4, 18^2, 36\})$	46656
36	$\mathcal{O}(1; \{2^3, 3, 36^2\})$	31104
36	$\mathcal{O}(1; \{3, 4^2, 36^2\})$	124416
36	$\mathcal{O}(1; \{3^2, 6, 36^2\})$	124416
36	$\mathcal{O}(1; \{2, 6^2, 36^2\})$	62208
36	$\mathcal{O}(1; \{2, 4, 12, 36^2\})$	124416
36	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 9^2\})$	48
36	$\mathcal{O}(0; \{3^2, 4^4, 9^2\})$	192
36	$\mathcal{O}(0; \{2^4, 4^2, 6, 9^2\})$	24
36	$\mathcal{O}(0; \{3^3, 4^2, 6, 9^2\})$	192
36	$\mathcal{O}(0; \{2, 4^4, 6, 9^2\})$	96
36	$\mathcal{O}(0; \{2, 3, 4^2, 6^2, 9^2\})$	96
36	$\mathcal{O}(0; \{2^4, 3, 4, 9^2, 12\})$	48
36	$\mathcal{O}(0; \{3^4, 4, 9^2, 12\})$	384
36	$\mathcal{O}(0; \{2, 3, 4^3, 9^2, 12\})$	192
36	$\mathcal{O}(0; \{2, 3^2, 4, 6, 9^2, 12\})$	192
36	$\mathcal{O}(0; \{2^2, 4, 6^2, 9^2, 12\})$	96

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{4, 9^5, 12\})$	3240
36	$\mathcal{O}(0; \{2^5, 9^2, 12^2\})$	48
36	$\mathcal{O}(0; \{2, 3^3, 9^2, 12^2\})$	384
36	$\mathcal{O}(0; \{2^2, 4^2, 9^2, 12^2\})$	192
36	$\mathcal{O}(0; \{2^2, 3, 6, 9^2, 12^2\})$	192
36	$\mathcal{O}(0; \{6^3, 9^2, 12^2\})$	384
36	$\mathcal{O}(0; \{4, 6, 9^2, 12^3\})$	768
36	$\mathcal{O}(0; \{3, 9^2, 12^4\})$	1536
36	$\mathcal{O}(0; \{2^2, 4^2, 9^3, 18\})$	324
36	$\mathcal{O}(0; \{4, 6, 9^3, 12, 18\})$	1296
36	$\mathcal{O}(0; \{3, 9^3, 12^2, 18\})$	2592
36	$\mathcal{O}(0; \{2, 3^2, 4^2, 9, 18^2\})$	144
36	$\mathcal{O}(0; \{2^2, 4^2, 6, 9, 18^2\})$	72
36	$\mathcal{O}(0; \{2^2, 3, 4, 9, 12, 18^2\})$	144
36	$\mathcal{O}(0; \{4, 6^2, 9, 12, 18^2\})$	288
36	$\mathcal{O}(0; \{2^3, 9, 12^2, 18^2\})$	144
36	$\mathcal{O}(0; \{4^2, 9, 12^2, 18^2\})$	576
36	$\mathcal{O}(0; \{3, 6, 9, 12^2, 18^2\})$	576
36	$\mathcal{O}(0; \{4^2, 9^2, 18^3\})$	1620
36	$\mathcal{O}(0; \{4^2, 6, 18^4\})$	648
36	$\mathcal{O}(0; \{3, 4, 12, 18^4\})$	1296
36	$\mathcal{O}(0; \{2, 12^2, 18^4\})$	1296
36	$\mathcal{O}(0; \{2^7, 4, 9, 36\})$	12
36	$\mathcal{O}(0; \{2^3, 3^3, 4, 9, 36\})$	96
36	$\mathcal{O}(0; \{2^4, 4^3, 9, 36\})$	48
36	$\mathcal{O}(0; \{3^3, 4^3, 9, 36\})$	384
36	$\mathcal{O}(0; \{2, 4^5, 9, 36\})$	192
36	$\mathcal{O}(0; \{2^4, 3, 4, 6, 9, 36\})$	48
36	$\mathcal{O}(0; \{3^4, 4, 6, 9, 36\})$	384
36	$\mathcal{O}(0; \{2, 3, 4^3, 6, 9, 36\})$	192
36	$\mathcal{O}(0; \{2, 3^2, 4, 6^2, 9, 36\})$	192
36	$\mathcal{O}(0; \{2^2, 4, 6^3, 9, 36\})$	96
36	$\mathcal{O}(0; \{4, 6, 9^4, 36\})$	3240
36	$\mathcal{O}(0; \{2^4, 3^2, 9, 12, 36\})$	96
36	$\mathcal{O}(0; \{3^5, 9, 12, 36\})$	768
36	$\mathcal{O}(0; \{2, 3^2, 4^2, 9, 12, 36\})$	384
36	$\mathcal{O}(0; \{2^5, 6, 9, 12, 36\})$	48
36	$\mathcal{O}(0; \{2, 3^3, 6, 9, 12, 36\})$	384
36	$\mathcal{O}(0; \{2^2, 4^2, 6, 9, 12, 36\})$	192
36	$\mathcal{O}(0; \{2^2, 3, 6^2, 9, 12, 36\})$	192
36	$\mathcal{O}(0; \{6^4, 9, 12, 36\})$	384
36	$\mathcal{O}(0; \{3, 9^4, 12, 36\})$	6480
36	$\mathcal{O}(0; \{2^2, 3, 4, 9, 12^2, 36\})$	384

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{4, 6^2, 9, 12^2, 36\})$	768
36	$\mathcal{O}(0; \{2^3, 9, 12^3, 36\})$	384
36	$\mathcal{O}(0; \{4^2, 9, 12^3, 36\})$	1536
36	$\mathcal{O}(0; \{3, 6, 9, 12^3, 36\})$	1536
36	$\mathcal{O}(0; \{2^2, 3, 4, 9^2, 18, 36\})$	648
36	$\mathcal{O}(0; \{4, 6^2, 9^2, 18, 36\})$	1296
36	$\mathcal{O}(0; \{2^3, 9^2, 12, 18, 36\})$	648
36	$\mathcal{O}(0; \{4^2, 9^2, 12, 18, 36\})$	2592
36	$\mathcal{O}(0; \{3, 6, 9^2, 12, 18, 36\})$	2592
36	$\mathcal{O}(0; \{2^5, 4, 18^2, 36\})$	36
36	$\mathcal{O}(0; \{2, 3^3, 4, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{2^2, 4^3, 18^2, 36\})$	144
36	$\mathcal{O}(0; \{2^2, 3, 4, 6, 18^2, 36\})$	144
36	$\mathcal{O}(0; \{4, 6^3, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{2^2, 3^2, 12, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{2^3, 6, 12, 18^2, 36\})$	144
36	$\mathcal{O}(0; \{4^2, 6, 12, 18^2, 36\})$	576
36	$\mathcal{O}(0; \{3, 6^2, 12, 18^2, 36\})$	576
36	$\mathcal{O}(0; \{3, 4, 12^2, 18^2, 36\})$	1152
36	$\mathcal{O}(0; \{2, 12^3, 18^2, 36\})$	1152
36	$\mathcal{O}(0; \{3, 4, 9, 18^3, 36\})$	3240
36	$\mathcal{O}(0; \{2, 9, 12, 18^3, 36\})$	3240
36	$\mathcal{O}(0; \{2^7, 3, 36^2\})$	24
36	$\mathcal{O}(0; \{2^3, 3^4, 36^2\})$	192
36	$\mathcal{O}(0; \{2^4, 3, 4^2, 36^2\})$	96
36	$\mathcal{O}(0; \{3^4, 4^2, 36^2\})$	768
36	$\mathcal{O}(0; \{2, 3, 4^4, 36^2\})$	384
36	$\mathcal{O}(0; \{2^4, 3^2, 6, 36^2\})$	96
36	$\mathcal{O}(0; \{3^5, 6, 36^2\})$	768
36	$\mathcal{O}(0; \{2, 3^2, 4^2, 6, 36^2\})$	384
36	$\mathcal{O}(0; \{2^5, 6^2, 36^2\})$	48
36	$\mathcal{O}(0; \{2, 3^3, 6^2, 36^2\})$	384
36	$\mathcal{O}(0; \{2^2, 4^2, 6^2, 36^2\})$	192
36	$\mathcal{O}(0; \{2^2, 3, 6^3, 36^2\})$	192
36	$\mathcal{O}(0; \{6^5, 36^2\})$	384
36	$\mathcal{O}(0; \{2^3, 9^3, 36^2\})$	1620
36	$\mathcal{O}(0; \{4^2, 9^3, 36^2\})$	6480
36	$\mathcal{O}(0; \{3, 6, 9^3, 36^2\})$	6480
36	$\mathcal{O}(0; \{2^5, 4, 12, 36^2\})$	96
36	$\mathcal{O}(0; \{2, 3^3, 4, 12, 36^2\})$	768
36	$\mathcal{O}(0; \{2^2, 4^3, 12, 36^2\})$	384
36	$\mathcal{O}(0; \{2^2, 3, 4, 6, 12, 36^2\})$	384
36	$\mathcal{O}(0; \{4, 6^3, 12, 36^2\})$	768

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2^2, 3^2, 12^2, 36^2\})$	768
36	$\mathcal{O}(0; \{2^3, 6, 12^2, 36^2\})$	384
36	$\mathcal{O}(0; \{4^2, 6, 12^2, 36^2\})$	1536
36	$\mathcal{O}(0; \{3, 6^2, 12^2, 36^2\})$	1536
36	$\mathcal{O}(0; \{3, 4, 12^3, 36^2\})$	3072
36	$\mathcal{O}(0; \{2, 12^4, 36^2\})$	3072
36	$\mathcal{O}(0; \{2^2, 3^2, 9, 18, 36^2\})$	1296
36	$\mathcal{O}(0; \{2^3, 6, 9, 18, 36^2\})$	648
36	$\mathcal{O}(0; \{4^2, 6, 9, 18, 36^2\})$	2592
36	$\mathcal{O}(0; \{3, 6^2, 9, 18, 36^2\})$	2592
36	$\mathcal{O}(0; \{3, 4, 9, 12, 18, 36^2\})$	5184
36	$\mathcal{O}(0; \{2, 9, 12^2, 18, 36^2\})$	5184
36	$\mathcal{O}(0; \{2, 9^2, 18^2, 36^2\})$	10692
36	$\mathcal{O}(0; \{3^2, 18^3, 36^2\})$	6480
36	$\mathcal{O}(0; \{2, 6, 18^3, 36^2\})$	3240
36	$\mathcal{O}(0; \{3, 4, 9^2, 36^3\})$	12960
36	$\mathcal{O}(0; \{2, 9^2, 12, 36^3\})$	12960
36	$\mathcal{O}(0; \{2^3, 4, 18, 36^3\})$	1296
36	$\mathcal{O}(0; \{4^3, 18, 36^3\})$	5184
36	$\mathcal{O}(0; \{3, 4, 6, 18, 36^3\})$	5184
36	$\mathcal{O}(0; \{3^2, 12, 18, 36^3\})$	10368
36	$\mathcal{O}(0; \{2, 6, 12, 18, 36^3\})$	5184
36	$\mathcal{O}(0; \{3^2, 9, 36^4\})$	25920
36	$\mathcal{O}(0; \{2, 6, 9, 36^4\})$	12960
36	$\mathcal{O}(0; \{2, 4, 36^5\})$	25920
37	$\mathcal{O}(3; \emptyset)$	2565726408
38	$\mathcal{O}(2; \{19^2\})$	35186670
38	$\mathcal{O}(1; \{2^4, 19^2\})$	25992
38	$\mathcal{O}(1; \{2^2, 19, 38^2\})$	441864
38	$\mathcal{O}(1; \{38^4\})$	7979544
38	$\mathcal{O}(0; \{2^8, 19^2\})$	18
38	$\mathcal{O}(0; \{2^6, 19, 38^2\})$	306
38	$\mathcal{O}(0; \{2^4, 38^4\})$	5526
39	$\mathcal{O}(1; \{13^2, 39^2\})$	4855032
39	$\mathcal{O}(0; \{3^3, 13^2, 39^2\})$	15960
39	$\mathcal{O}(0; \{13, 39^5\})$	2296920
40	$\mathcal{O}(1; \{2, 4^2, 5, 10\})$	9600
40	$\mathcal{O}(1; \{2^2, 5, 20^2\})$	28800
40	$\mathcal{O}(1; \{10^2, 20^2\})$	124800
40	$\mathcal{O}(1; \{8, 10, 20, 40\})$	153600
40	$\mathcal{O}(1; \{2^2, 4, 40^2\})$	51200
40	$\mathcal{O}(1; \{8^2, 40^2\})$	409600
40	$\mathcal{O}(1; \{5, 20, 40^2\})$	665600

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{4, 5^4, 8^2\})$	416
40	$\mathcal{O}(0; \{2^3, 4, 5, 8^2, 10\})$	32
40	$\mathcal{O}(0; \{4^3, 5, 8^2, 10\})$	128
40	$\mathcal{O}(0; \{2, 5, 8^4, 10\})$	256
40	$\mathcal{O}(0; \{2, 4, 8^2, 10^3\})$	96
40	$\mathcal{O}(0; \{2, 5^2, 8^2, 10, 20\})$	416
40	$\mathcal{O}(0; \{2, 4, 5, 8^2, 20^2\})$	384
40	$\mathcal{O}(0; \{2^3, 4, 5^2, 8, 40\})$	96
40	$\mathcal{O}(0; \{4^3, 5^2, 8, 40\})$	384
40	$\mathcal{O}(0; \{2, 5^2, 8^3, 40\})$	768
40	$\mathcal{O}(0; \{2, 4, 5, 8, 10^2, 40\})$	416
40	$\mathcal{O}(0; \{2, 5^3, 8, 20, 40\})$	1632
40	$\mathcal{O}(0; \{2^4, 8, 10, 20, 40\})$	96
40	$\mathcal{O}(0; \{2, 4^2, 8, 10, 20, 40\})$	384
40	$\mathcal{O}(0; \{2^2, 8, 20^3, 40\})$	1664
40	$\mathcal{O}(0; \{2^6, 4, 40^2\})$	32
40	$\mathcal{O}(0; \{2^3, 4^3, 40^2\})$	128
40	$\mathcal{O}(0; \{4^5, 40^2\})$	512
40	$\mathcal{O}(0; \{2^4, 8^2, 40^2\})$	256
40	$\mathcal{O}(0; \{2, 4^2, 8^2, 40^2\})$	1024
40	$\mathcal{O}(0; \{2, 4, 5^2, 10, 40^2\})$	1632
40	$\mathcal{O}(0; \{2^4, 5, 20, 40^2\})$	416
40	$\mathcal{O}(0; \{2, 4^2, 5, 20, 40^2\})$	1664
40	$\mathcal{O}(0; \{2^2, 10^2, 20, 40^2\})$	1632
40	$\mathcal{O}(0; \{10, 20^3, 40^2\})$	26240
40	$\mathcal{O}(0; \{2^2, 8, 10, 40^3\})$	3328
40	$\mathcal{O}(0; \{8, 20^2, 40^3\})$	52224
40	$\mathcal{O}(0; \{2^2, 5, 40^4\})$	13056
40	$\mathcal{O}(0; \{10^2, 40^4\})$	52480
42	$\mathcal{O}(1; \{6^2, 14^2\})$	21168
42	$\mathcal{O}(1; \{3, 21^3\})$	238140
42	$\mathcal{O}(1; \{6, 7^2, 42\})$	105840
42	$\mathcal{O}(1; \{3, 14, 21, 42\})$	105840
42	$\mathcal{O}(0; \{2^2, 3^4, 14^2\})$	36
42	$\mathcal{O}(0; \{2^3, 3^2, 6, 14^2\})$	12
42	$\mathcal{O}(0; \{2^4, 6^2, 14^2\})$	12
42	$\mathcal{O}(0; \{3^3, 6^2, 14^2\})$	60
42	$\mathcal{O}(0; \{2, 3, 6^3, 14^2\})$	36
42	$\mathcal{O}(0; \{2, 3, 6, 7^3, 21\})$	372
42	$\mathcal{O}(0; \{2, 3^2, 7, 14, 21^2\})$	1116
42	$\mathcal{O}(0; \{2^2, 6, 7, 14, 21^2\})$	372
42	$\mathcal{O}(0; \{6, 14^3, 21^2\})$	2220
42	$\mathcal{O}(0; \{2^4, 3, 21^3\})$	180

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{2, 3^2, 6, 21^3\})$	660
42	$\mathcal{O}(0; \{2^2, 6^2, 21^3\})$	300
42	$\mathcal{O}(0; \{2^3, 3^2, 7^2, 42\})$	60
42	$\mathcal{O}(0; \{2^4, 6, 7^2, 42\})$	60
42	$\mathcal{O}(0; \{3^3, 6, 7^2, 42\})$	300
42	$\mathcal{O}(0; \{2, 3, 6^2, 7^2, 42\})$	180
42	$\mathcal{O}(0; \{2, 3^2, 7, 14^2, 42\})$	372
42	$\mathcal{O}(0; \{2^2, 6, 7, 14^2, 42\})$	372
42	$\mathcal{O}(0; \{6, 14^4, 42\})$	2220
42	$\mathcal{O}(0; \{2^4, 3, 14, 21, 42\})$	60
42	$\mathcal{O}(0; \{3^4, 14, 21, 42\})$	660
42	$\mathcal{O}(0; \{2, 3^2, 6, 14, 21, 42\})$	300
42	$\mathcal{O}(0; \{2^2, 6^2, 14, 21, 42\})$	180
42	$\mathcal{O}(0; \{7^2, 14, 21^2, 42\})$	13332
42	$\mathcal{O}(0; \{6, 7, 21^3, 42\})$	11100
42	$\mathcal{O}(0; \{2^2, 7^3, 42^2\})$	2220
42	$\mathcal{O}(0; \{7^2, 14^2, 42^2\})$	13332
42	$\mathcal{O}(0; \{6, 7, 14, 21, 42^2\})$	6660
42	$\mathcal{O}(0; \{2^2, 3, 21^2, 42^2\})$	1860
42	$\mathcal{O}(0; \{6^2, 21^2, 42^2\})$	4092
42	$\mathcal{O}(0; \{2^2, 3, 14, 42^3\})$	1116
42	$\mathcal{O}(0; \{6^2, 14, 42^3\})$	1860
42	$\mathcal{O}(0; \{3, 21, 42^4\})$	24420
44	$\mathcal{O}(1; \{2^3, 11, 22\})$	14520
44	$\mathcal{O}(1; \{4^2, 11, 22\})$	38720
44	$\mathcal{O}(1; \{2, 22^3\})$	130680
44	$\mathcal{O}(1; \{2, 11, 44^2\})$	348480
44	$\mathcal{O}(0; \{2^4, 4^2, 11, 22\})$	20
44	$\mathcal{O}(0; \{2, 4^4, 11, 22\})$	80
44	$\mathcal{O}(0; \{2^2, 4^2, 22^3\})$	180
44	$\mathcal{O}(0; \{4, 11^4, 44\})$	18180
44	$\mathcal{O}(0; \{2^5, 11, 44^2\})$	180
44	$\mathcal{O}(0; \{2^2, 4^2, 11, 44^2\})$	720
44	$\mathcal{O}(0; \{2^3, 22^2, 44^2\})$	1820
44	$\mathcal{O}(0; \{4^2, 22^2, 44^2\})$	7280
44	$\mathcal{O}(0; \{2, 22, 44^4\})$	72720
45	$\mathcal{O}(1; \{3^2, 45^2\})$	194400
45	$\mathcal{O}(0; \{5, 9^4, 15\})$	1296
45	$\mathcal{O}(0; \{5^2, 9^2, 15, 45\})$	1872
45	$\mathcal{O}(0; \{3, 9^2, 15^2, 45\})$	1728
45	$\mathcal{O}(0; \{3^5, 45^2\})$	768
45	$\mathcal{O}(0; \{3, 9^3, 45^2\})$	6480
45	$\mathcal{O}(0; \{5^3, 15, 45^2\})$	9840

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
45	$\mathcal{O}(0; \{3, 5, 15^2, 45^2\})$	9792
45	$\mathcal{O}(0; \{3, 5, 9, 45^3\})$	16848
48	$\mathcal{O}(1; \{3^2, 8^2\})$	13824
48	$\mathcal{O}(1; \{2, 3, 24^2\})$	13824
48	$\mathcal{O}(1; \{2, 3, 16, 48\})$	36864
48	$\mathcal{O}(0; \{2^2, 3^2, 8, 16^2\})$	64
48	$\mathcal{O}(0; \{3, 6^2, 8, 16^2\})$	64
48	$\mathcal{O}(0; \{3, 4, 8, 12, 16^2\})$	256
48	$\mathcal{O}(0; \{2, 8, 12^2, 16^2\})$	256
48	$\mathcal{O}(0; \{3^2, 16^4\})$	1024
48	$\mathcal{O}(0; \{3, 4, 6, 16^2, 24\})$	128
48	$\mathcal{O}(0; \{3^2, 12, 16^2, 24\})$	384
48	$\mathcal{O}(0; \{2, 6, 12, 16^2, 24\})$	128
48	$\mathcal{O}(0; \{2^5, 3, 16, 48\})$	16
48	$\mathcal{O}(0; \{2, 3^4, 16, 48\})$	80
48	$\mathcal{O}(0; \{2^2, 3, 4^2, 16, 48\})$	64
48	$\mathcal{O}(0; \{2^2, 3^2, 6, 16, 48\})$	48
48	$\mathcal{O}(0; \{2^3, 6^2, 16, 48\})$	16
48	$\mathcal{O}(0; \{4^2, 6^2, 16, 48\})$	64
48	$\mathcal{O}(0; \{3, 6^3, 16, 48\})$	80
48	$\mathcal{O}(0; \{3, 4, 8^2, 16, 48\})$	512
48	$\mathcal{O}(0; \{2^3, 4, 12, 16, 48\})$	64
48	$\mathcal{O}(0; \{4^3, 12, 16, 48\})$	256
48	$\mathcal{O}(0; \{3, 4, 6, 12, 16, 48\})$	192
48	$\mathcal{O}(0; \{2, 8^2, 12, 16, 48\})$	512
48	$\mathcal{O}(0; \{3^2, 12^2, 16, 48\})$	320
48	$\mathcal{O}(0; \{2, 6, 12^2, 16, 48\})$	192
48	$\mathcal{O}(0; \{3^2, 8, 16, 24, 48\})$	768
48	$\mathcal{O}(0; \{2, 6, 8, 16, 24, 48\})$	256
48	$\mathcal{O}(0; \{2, 4, 16, 24^2, 48\})$	512
48	$\mathcal{O}(0; \{2^3, 4, 8, 48^2\})$	128
48	$\mathcal{O}(0; \{4^3, 8, 48^2\})$	512
48	$\mathcal{O}(0; \{3, 4, 6, 8, 48^2\})$	384
48	$\mathcal{O}(0; \{2, 8^3, 48^2\})$	1024
48	$\mathcal{O}(0; \{3^2, 8, 12, 48^2\})$	640
48	$\mathcal{O}(0; \{2, 6, 8, 12, 48^2\})$	384
48	$\mathcal{O}(0; \{2, 4, 16^2, 48^2\})$	2048
48	$\mathcal{O}(0; \{2^3, 3, 24, 48^2\})$	192
48	$\mathcal{O}(0; \{3, 4^2, 24, 48^2\})$	768
48	$\mathcal{O}(0; \{3^2, 6, 24, 48^2\})$	704
48	$\mathcal{O}(0; \{2, 6^2, 24, 48^2\})$	320
48	$\mathcal{O}(0; \{2, 4, 12, 24, 48^2\})$	768
48	$\mathcal{O}(0; \{2, 3, 48^4\})$	5120

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
50	$\mathcal{O}(1; \{2^2, 50^2\})$	50000
50	$\mathcal{O}(0; \{2^6, 50^2\})$	20
50	$\mathcal{O}(0; \{2, 5^2, 10, 50^2\})$	1280
51	$\mathcal{O}(1; \{17, 51^2\})$	1248480
51	$\mathcal{O}(0; \{3^3, 17, 51^2\})$	2400
51	$\mathcal{O}(0; \{51^5\})$	616800
52	$\mathcal{O}(1; \{2^2, 13^2\})$	24336
52	$\mathcal{O}(1; \{13, 26^2\})$	267696
52	$\mathcal{O}(0; \{2^3, 4^2, 13^2\})$	24
52	$\mathcal{O}(0; \{4^4, 13^2\})$	96
52	$\mathcal{O}(0; \{2, 4^2, 13, 26^2\})$	264
52	$\mathcal{O}(0; \{2^2, 13, 26, 52^2\})$	3192
52	$\mathcal{O}(0; \{26^3, 52^2\})$	38280
52	$\mathcal{O}(0; \{13, 52^4\})$	153120
54	$\mathcal{O}(0; \{2, 3^2, 27^2, 54\})$	648
54	$\mathcal{O}(0; \{2^2, 6, 27^2, 54\})$	324
54	$\mathcal{O}(0; \{9, 18, 27^2, 54\})$	5832
54	$\mathcal{O}(0; \{2^2, 9^2, 54^2\})$	648
54	$\mathcal{O}(0; \{2, 3^2, 18, 54^2\})$	432
54	$\mathcal{O}(0; \{2^2, 6, 18, 54^2\})$	216
54	$\mathcal{O}(0; \{9, 18^2, 54^2\})$	3888
54	$\mathcal{O}(0; \{6, 27, 54^3\})$	8748
55	$\mathcal{O}(1; \{5, 11, 55\})$	121000
55	$\mathcal{O}(0; \{11^3, 55^2\})$	36360
56	$\mathcal{O}(1; \{4, 14, 28\})$	28224
56	$\mathcal{O}(0; \{2^2, 8^2, 14, 28\})$	48
56	$\mathcal{O}(0; \{8^2, 28^3\})$	960
56	$\mathcal{O}(0; \{2^2, 7, 8, 14, 56\})$	120
56	$\mathcal{O}(0; \{8, 14^3, 56\})$	744
56	$\mathcal{O}(0; \{7, 8, 28^2, 56\})$	2976
56	$\mathcal{O}(0; \{2^2, 4, 14, 56^2\})$	240
56	$\mathcal{O}(0; \{8^2, 14, 56^2\})$	1920
56	$\mathcal{O}(0; \{7^2, 28, 56^2\})$	8880
56	$\mathcal{O}(0; \{4, 28^2, 56^2\})$	5952
57	$\mathcal{O}(1; \{3, 19, 57\})$	116964
57	$\mathcal{O}(0; \{3^4, 19, 57\})$	180
57	$\mathcal{O}(0; \{3, 57^4\})$	55260
60	$\mathcal{O}(1; \{2, 60^2\})$	57600
60	$\mathcal{O}(0; \{6, 10^2, 12^2\})$	16
60	$\mathcal{O}(0; \{5, 10, 12^2, 15\})$	48
60	$\mathcal{O}(0; \{4, 12, 15^3\})$	144
60	$\mathcal{O}(0; \{2, 3^2, 4, 15, 20\})$	16
60	$\mathcal{O}(0; \{2^2, 4, 6, 15, 20\})$	16

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{2^2, 3, 12, 15, 20\})$	16
60	$\mathcal{O}(0; \{6^2, 12, 15, 20\})$	48
60	$\mathcal{O}(0; \{4, 12^2, 15, 20\})$	64
60	$\mathcal{O}(0; \{4, 10, 15^2, 20\})$	208
60	$\mathcal{O}(0; \{6^2, 10, 20^2\})$	48
60	$\mathcal{O}(0; \{5, 6, 15, 20^2\})$	208
60	$\mathcal{O}(0; \{4, 10, 12, 15, 30\})$	48
60	$\mathcal{O}(0; \{5, 6, 12, 20, 30\})$	48
60	$\mathcal{O}(0; \{3, 15, 20^2, 30\})$	208
60	$\mathcal{O}(0; \{4, 6, 20, 30^2\})$	48
60	$\mathcal{O}(0; \{3, 12, 20, 30^2\})$	144
60	$\mathcal{O}(0; \{2, 3^2, 4, 10, 60\})$	16
60	$\mathcal{O}(0; \{2^2, 4, 6, 10, 60\})$	16
60	$\mathcal{O}(0; \{2^2, 3, 10, 12, 60\})$	16
60	$\mathcal{O}(0; \{6^2, 10, 12, 60\})$	48
60	$\mathcal{O}(0; \{4, 10, 12^2, 60\})$	64
60	$\mathcal{O}(0; \{2^2, 4, 5, 15, 60\})$	48
60	$\mathcal{O}(0; \{4, 10^2, 15, 60\})$	208
60	$\mathcal{O}(0; \{5, 6, 12, 15, 60\})$	144
60	$\mathcal{O}(0; \{5, 6, 10, 20, 60\})$	208
60	$\mathcal{O}(0; \{5^2, 15, 20, 60\})$	816
60	$\mathcal{O}(0; \{3, 15^2, 20, 60\})$	624
60	$\mathcal{O}(0; \{4, 6, 20^2, 60\})$	192
60	$\mathcal{O}(0; \{3, 12, 20^2, 60\})$	192
60	$\mathcal{O}(0; \{5^2, 12, 30, 60\})$	208
60	$\mathcal{O}(0; \{4, 6, 15, 30, 60\})$	144
60	$\mathcal{O}(0; \{3, 12, 15, 30, 60\})$	240
60	$\mathcal{O}(0; \{3, 10, 20, 30, 60\})$	208
60	$\mathcal{O}(0; \{4, 5, 30^2, 60\})$	208
60	$\mathcal{O}(0; \{2^5, 60^2\})$	16
60	$\mathcal{O}(0; \{2, 3^3, 60^2\})$	80
60	$\mathcal{O}(0; \{2^2, 4^2, 60^2\})$	64
60	$\mathcal{O}(0; \{2^2, 3, 6, 60^2\})$	48
60	$\mathcal{O}(0; \{6^3, 60^2\})$	80
60	$\mathcal{O}(0; \{5^2, 10, 60^2\})$	816
60	$\mathcal{O}(0; \{4, 6, 12, 60^2\})$	192
60	$\mathcal{O}(0; \{3, 12^2, 60^2\})$	320
60	$\mathcal{O}(0; \{3, 10, 15, 60^2\})$	624
60	$\mathcal{O}(0; \{4, 5, 20, 60^2\})$	832
62	$\mathcal{O}(0; \{2, 31^3, 62\})$	26130
63	$\mathcal{O}(0; \{7^3, 9^2\})$	180
63	$\mathcal{O}(0; \{3, 9^2, 21^2\})$	288
63	$\mathcal{O}(0; \{3, 7, 9, 21, 63\})$	720

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
63	$\mathcal{O}(0; \{3, 7^2, 63^2\})$	2232
64	$\mathcal{O}(0; \{2, 8, 32, 64^2\})$	2048
66	$\mathcal{O}(0; \{2^2, 3^2, 22^2\})$	20
66	$\mathcal{O}(0; \{3, 6^2, 22^2\})$	20
66	$\mathcal{O}(0; \{2, 6, 33^3\})$	540
66	$\mathcal{O}(0; \{3^2, 22, 33, 66\})$	540
66	$\mathcal{O}(0; \{2, 6, 22, 33, 66\})$	180
68	$\mathcal{O}(0; \{2^3, 4, 17, 68\})$	32
68	$\mathcal{O}(0; \{4^3, 17, 68\})$	128
68	$\mathcal{O}(0; \{2, 4, 34^2, 68\})$	480
70	$\mathcal{O}(0; \{2, 5, 10, 14, 70\})$	72
70	$\mathcal{O}(0; \{2, 5, 7, 35, 70\})$	360
72	$\mathcal{O}(0; \{2, 4, 8, 18, 72\})$	48
72	$\mathcal{O}(0; \{2, 3, 18, 24, 72\})$	96
72	$\mathcal{O}(0; \{3^2, 4, 72^2\})$	192
72	$\mathcal{O}(0; \{2, 4, 6, 72^2\})$	96
72	$\mathcal{O}(0; \{2, 3, 12, 72^2\})$	192
74	$\mathcal{O}(2; \emptyset)$	28112400
74	$\mathcal{O}(1; \{2^4\})$	5472
75	$\mathcal{O}(1; \{75^2\})$	225000
75	$\mathcal{O}(0; \{3^3, 75^2\})$	200
76	$\mathcal{O}(1; \{38^2\})$	77976
76	$\mathcal{O}(0; \{2, 4^2, 38^2\})$	36
76	$\mathcal{O}(0; \{2^2, 38, 76^2\})$	612
76	$\mathcal{O}(0; \{76^4\})$	44208
78	$\mathcal{O}(0; \{2, 3, 6, 13, 39\})$	24
78	$\mathcal{O}(0; \{26, 39^2, 78\})$	3192
78	$\mathcal{O}(0; \{2^2, 13, 78^2\})$	264
78	$\mathcal{O}(0; \{26^2, 78^2\})$	3192
80	$\mathcal{O}(0; \{16, 20, 40, 80\})$	768
80	$\mathcal{O}(0; \{2^2, 8, 80^2\})$	128
80	$\mathcal{O}(0; \{16^2, 80^2\})$	2048
80	$\mathcal{O}(0; \{10, 40, 80^2\})$	1664
81	$\mathcal{O}(0; \{9, 27, 81^2\})$	5832
84	$\mathcal{O}(0; \{12, 14, 21, 28\})$	120
84	$\mathcal{O}(0; \{2, 3^2, 28^2\})$	24
84	$\mathcal{O}(0; \{12^2, 28^2\})$	96
84	$\mathcal{O}(0; \{12^2, 21, 42\})$	72
84	$\mathcal{O}(0; \{2, 3, 4, 7, 84\})$	24
84	$\mathcal{O}(0; \{2^2, 7, 12, 84\})$	24
84	$\mathcal{O}(0; \{12, 14^2, 84\})$	120
84	$\mathcal{O}(0; \{7, 21, 28, 84\})$	744
84	$\mathcal{O}(0; \{6, 28, 42, 84\})$	120

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
84	$\mathcal{O}(0; \{7, 14, 84^2\})$	744
84	$\mathcal{O}(0; \{6, 21, 84^2\})$	360
88	$\mathcal{O}(0; \{8^2, 22, 44\})$	80
88	$\mathcal{O}(0; \{8, 11^2, 88\})$	360
88	$\mathcal{O}(0; \{4, 22, 88^2\})$	720
90	$\mathcal{O}(0; \{9^2, 10, 30\})$	48
90	$\mathcal{O}(0; \{6, 9, 15, 90\})$	96
90	$\mathcal{O}(0; \{5, 9, 30, 90\})$	144
90	$\mathcal{O}(0; \{2^2, 3, 90^2\})$	48
90	$\mathcal{O}(0; \{6^2, 90^2\})$	96
91	$\mathcal{O}(0; \{7^2, 13, 91\})$	360
93	$\mathcal{O}(0; \{3, 31^2, 93\})$	1740
96	$\mathcal{O}(0; \{4, 6, 32, 96\})$	64
96	$\mathcal{O}(0; \{3, 12, 32, 96\})$	64
100	$\mathcal{O}(0; \{2^3, 100^2\})$	40
100	$\mathcal{O}(0; \{4^2, 100^2\})$	160
102	$\mathcal{O}(0; \{3, 6, 34, 51\})$	32
102	$\mathcal{O}(0; \{2, 51^2, 102\})$	480
102	$\mathcal{O}(0; \{2, 34, 102^2\})$	480
105	$\mathcal{O}(0; \{3, 5, 21, 105\})$	48
108	$\mathcal{O}(0; \{3, 4, 27, 108\})$	72
108	$\mathcal{O}(0; \{2, 12, 27, 108\})$	72
108	$\mathcal{O}(0; \{2, 9, 108^2\})$	216
110	$\mathcal{O}(0; \{2, 10, 22, 110\})$	40
111	$\mathcal{O}(1; \{3^2\})$	24624
114	$\mathcal{O}(0; \{2, 6, 57^2\})$	36
114	$\mathcal{O}(0; \{3^2, 38, 114\})$	36
114	$\mathcal{O}(0; \{2, 6, 38, 114\})$	36
120	$\mathcal{O}(0; \{2, 4, 120^2\})$	64
148	$\mathcal{O}(1; \{2^2\})$	16416
150	$\mathcal{O}(0; \{2^2, 150^2\})$	40
151	$\mathcal{O}(0; \{151^3\})$	22350
152	$\mathcal{O}(0; \{76, 152^2\})$	2448
153	$\mathcal{O}(0; \{51, 153^2\})$	2880
155	$\mathcal{O}(0; \{31, 155^2\})$	3480
156	$\mathcal{O}(0; \{39, 52, 156\})$	528
156	$\mathcal{O}(0; \{26, 156^2\})$	528
160	$\mathcal{O}(0; \{16, 160^2\})$	512
165	$\mathcal{O}(0; \{15, 33, 165\})$	80
165	$\mathcal{O}(0; \{11, 165^2\})$	720
168	$\mathcal{O}(0; \{14, 24, 168\})$	48
171	$\mathcal{O}(0; \{9, 57, 171\})$	216
175	$\mathcal{O}(0; \{7, 175^2\})$	600

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
176	$\mathcal{O}(0; \{11, 16, 176\})$	80
180	$\mathcal{O}(0; \{6, 180^2\})$	96
182	$\mathcal{O}(0; \{7, 26, 182\})$	72
186	$\mathcal{O}(0; \{6, 31, 186\})$	60
200	$\mathcal{O}(0; \{4, 200^2\})$	160
204	$\mathcal{O}(0; \{4, 51, 204\})$	64
225	$\mathcal{O}(0; \{3, 225^2\})$	240
228	$\mathcal{O}(0; \{3, 76, 228\})$	72
300	$\mathcal{O}(0; \{2, 300^2\})$	80
302	$\mathcal{O}(0; \{2, 151, 302\})$	150

Table 6: 76-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(76; \emptyset)$	1
2	$\mathcal{O}(38; \{2^2\})$	75557863725914323419136
2	$\mathcal{O}(37; \{2^6\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^{10}\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{14}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{18}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{22}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{26}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{30}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{34}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{38}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{42}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{46}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{50}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{54}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{58}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{62}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{66}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{70}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{74}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{78}\})$	274877906944
2	$\mathcal{O}(18; \{2^{82}\})$	68719476736
2	$\mathcal{O}(17; \{2^{86}\})$	17179869184
2	$\mathcal{O}(16; \{2^{90}\})$	4294967296
2	$\mathcal{O}(15; \{2^{94}\})$	1073741824
2	$\mathcal{O}(14; \{2^{98}\})$	268435456

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(13; \{2^{102}\})$	67108864
2	$\mathcal{O}(12; \{2^{106}\})$	16777216
2	$\mathcal{O}(11; \{2^{110}\})$	4194304
2	$\mathcal{O}(10; \{2^{114}\})$	1048576
2	$\mathcal{O}(9; \{2^{118}\})$	262144
2	$\mathcal{O}(8; \{2^{122}\})$	65536
2	$\mathcal{O}(7; \{2^{126}\})$	16384
2	$\mathcal{O}(6; \{2^{130}\})$	4096
2	$\mathcal{O}(5; \{2^{134}\})$	1024
2	$\mathcal{O}(4; \{2^{138}\})$	256
2	$\mathcal{O}(3; \{2^{142}\})$	64
2	$\mathcal{O}(2; \{2^{146}\})$	16
2	$\mathcal{O}(1; \{2^{150}\})$	4
2	$\mathcal{O}(0; \{2^{154}\})$	1
3	$\mathcal{O}(26; \emptyset)$	6461081889226673298932240
3	$\mathcal{O}(25; \{3^3\})$	1435795975383705177540498
3	$\mathcal{O}(24; \{3^6\})$	1754861747691195216993942
3	$\mathcal{O}(23; \{3^9\})$	1506699480340925186307930
3	$\mathcal{O}(22; \{3^{12}\})$	1345197052382812944115446
3	$\mathcal{O}(21; \{3^{15}\})$	1195074199294377987280698
3	$\mathcal{O}(20; \{3^{18}\})$	1062361123143312552488982
3	$\mathcal{O}(19; \{3^{21}\})$	944312893239305119815450
3	$\mathcal{O}(18; \{3^{24}\})$	839390139002749666275126
3	$\mathcal{O}(17; \{3^{27}\})$	746124467939353949800698
3	$\mathcal{O}(16; \{3^{30}\})$	663221760397546866267222
3	$\mathcal{O}(15; \{3^{33}\})$	589530452451361533002970
3	$\mathcal{O}(14; \{3^{36}\})$	524027068982915450732406
3	$\mathcal{O}(13; \{3^{39}\})$	465801839080673650125498
3	$\mathcal{O}(12; \{3^{42}\})$	414046079184515599552662
3	$\mathcal{O}(11; \{3^{45}\})$	368040959274936691022490
3	$\mathcal{O}(10; \{3^{48}\})$	327147519355520201615286
3	$\mathcal{O}(9; \{3^{51}\})$	290797794982682299135098
3	$\mathcal{O}(8; \{3^{54}\})$	258486928873495635289302
3	$\mathcal{O}(7; \{3^{57}\})$	229766158998662758226010
3	$\mathcal{O}(6; \{3^{60}\})$	204236585776589121611766
3	$\mathcal{O}(5; \{3^{63}\})$	181543631801412552189498
3	$\mathcal{O}(4; \{3^{66}\})$	161372117156811157541142
3	$\mathcal{O}(3; \{3^{69}\})$	143441881917165473365530
3	$\mathcal{O}(2; \{3^{72}\})$	127503895037480420769846
3	$\mathcal{O}(1; \{3^{75}\})$	113336795588871485128698
3	$\mathcal{O}(0; \{3^{78}\})$	100743818301219097892182
4	$\mathcal{O}(19; \{4^2\})$	151115727451828646838272
4	$\mathcal{O}(18; \{2^4, 4^2\})$	9444732965739290427392

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(18; \{2, 4^4\})$	37778931862957161709568
4	$\mathcal{O}(17; \{2^8, 4^2\})$	590295810358705651712
4	$\mathcal{O}(17; \{2^5, 4^4\})$	2361183241434822606848
4	$\mathcal{O}(17; \{2^2, 4^6\})$	9444732965739290427392
4	$\mathcal{O}(16; \{2^{12}, 4^2\})$	36893488147419103232
4	$\mathcal{O}(16; \{2^9, 4^4\})$	147573952589676412928
4	$\mathcal{O}(16; \{2^6, 4^6\})$	590295810358705651712
4	$\mathcal{O}(16; \{2^3, 4^8\})$	2361183241434822606848
4	$\mathcal{O}(16; \{4^{10}\})$	9444732965739290427392
4	$\mathcal{O}(15; \{2^{16}, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2^{13}, 4^4\})$	9223372036854775808
4	$\mathcal{O}(15; \{2^{10}, 4^6\})$	36893488147419103232
4	$\mathcal{O}(15; \{2^7, 4^8\})$	147573952589676412928
4	$\mathcal{O}(15; \{2^4, 4^{10}\})$	590295810358705651712
4	$\mathcal{O}(15; \{2, 4^{12}\})$	2361183241434822606848
4	$\mathcal{O}(14; \{2^{20}, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^{17}, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^{14}, 4^6\})$	2305843009213693952
4	$\mathcal{O}(14; \{2^{11}, 4^8\})$	9223372036854775808
4	$\mathcal{O}(14; \{2^8, 4^{10}\})$	36893488147419103232
4	$\mathcal{O}(14; \{2^5, 4^{12}\})$	147573952589676412928
4	$\mathcal{O}(14; \{2^2, 4^{14}\})$	590295810358705651712
4	$\mathcal{O}(13; \{2^{24}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^{21}, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^{18}, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^{15}, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{2^{12}, 4^{10}\})$	2305843009213693952
4	$\mathcal{O}(13; \{2^9, 4^{12}\})$	9223372036854775808
4	$\mathcal{O}(13; \{2^6, 4^{14}\})$	36893488147419103232
4	$\mathcal{O}(13; \{2^3, 4^{16}\})$	147573952589676412928
4	$\mathcal{O}(13; \{4^{18}\})$	590295810358705651712
4	$\mathcal{O}(12; \{2^{28}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{25}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{22}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^{19}, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^{16}, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2^{13}, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(12; \{2^{10}, 4^{14}\})$	2305843009213693952
4	$\mathcal{O}(12; \{2^7, 4^{16}\})$	9223372036854775808
4	$\mathcal{O}(12; \{2^4, 4^{18}\})$	36893488147419103232
4	$\mathcal{O}(12; \{2, 4^{20}\})$	147573952589676412928
4	$\mathcal{O}(11; \{2^{32}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{29}, 4^4\})$	140737488355328

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(11; \{2^{26}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{23}, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^{20}, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^{17}, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(11; \{2^{14}, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(11; \{2^{11}, 4^{16}\})$	576460752303423488
4	$\mathcal{O}(11; \{2^8, 4^{18}\})$	2305843009213693952
4	$\mathcal{O}(11; \{2^5, 4^{20}\})$	9223372036854775808
4	$\mathcal{O}(11; \{2^2, 4^{22}\})$	36893488147419103232
4	$\mathcal{O}(10; \{2^{36}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{33}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{30}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{27}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^{24}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^{21}, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^{18}, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^{15}, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(10; \{2^{12}, 4^{18}\})$	144115188075855872
4	$\mathcal{O}(10; \{2^9, 4^{20}\})$	576460752303423488
4	$\mathcal{O}(10; \{2^6, 4^{22}\})$	2305843009213693952
4	$\mathcal{O}(10; \{2^3, 4^{24}\})$	9223372036854775808
4	$\mathcal{O}(10; \{4^{26}\})$	36893488147419103232
4	$\mathcal{O}(9; \{2^{40}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{37}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{34}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{31}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{28}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{25}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^{22}, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^{19}, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^{16}, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(9; \{2^{13}, 4^{20}\})$	36028797018963968
4	$\mathcal{O}(9; \{2^{10}, 4^{22}\})$	144115188075855872
4	$\mathcal{O}(9; \{2^7, 4^{24}\})$	576460752303423488
4	$\mathcal{O}(9; \{2^4, 4^{26}\})$	2305843009213693952
4	$\mathcal{O}(9; \{2, 4^{28}\})$	9223372036854775808
4	$\mathcal{O}(8; \{2^{44}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{41}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{38}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{35}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{32}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{29}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{26}, 4^{14}\})$	35184372088832

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(8; \{2^{23}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^{20}, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^{17}, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^{14}, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(8; \{2^{11}, 4^{24}\})$	36028797018963968
4	$\mathcal{O}(8; \{2^8, 4^{26}\})$	144115188075855872
4	$\mathcal{O}(8; \{2^5, 4^{28}\})$	576460752303423488
4	$\mathcal{O}(8; \{2^2, 4^{30}\})$	2305843009213693952
4	$\mathcal{O}(7; \{2^{48}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{45}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{42}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{39}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{36}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{33}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{30}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{27}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{24}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^{21}, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^{18}, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^{15}, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(7; \{2^{12}, 4^{26}\})$	9007199254740992
4	$\mathcal{O}(7; \{2^9, 4^{28}\})$	36028797018963968
4	$\mathcal{O}(7; \{2^6, 4^{30}\})$	144115188075855872
4	$\mathcal{O}(7; \{2^3, 4^{32}\})$	576460752303423488
4	$\mathcal{O}(7; \{4^{34}\})$	2305843009213693952
4	$\mathcal{O}(6; \{2^{52}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{49}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{46}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{43}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{40}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{37}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{34}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{31}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{28}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{25}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{22}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^{19}, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^{16}, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2^{13}, 4^{28}\})$	2251799813685248
4	$\mathcal{O}(6; \{2^{10}, 4^{30}\})$	9007199254740992
4	$\mathcal{O}(6; \{2^7, 4^{32}\})$	36028797018963968
4	$\mathcal{O}(6; \{2^4, 4^{34}\})$	144115188075855872
4	$\mathcal{O}(6; \{2, 4^{36}\})$	576460752303423488

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(5; \{2^{56}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{53}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{50}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{47}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{44}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{41}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{38}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{35}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{32}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{29}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{26}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{23}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^{20}, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^{17}, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2^{14}, 4^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{2^{11}, 4^{32}\})$	2251799813685248
4	$\mathcal{O}(5; \{2^8, 4^{34}\})$	9007199254740992
4	$\mathcal{O}(5; \{2^5, 4^{36}\})$	36028797018963968
4	$\mathcal{O}(5; \{2^2, 4^{38}\})$	144115188075855872
4	$\mathcal{O}(4; \{2^{60}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{57}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{54}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{51}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{48}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{45}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{42}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{39}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{36}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{33}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{30}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{27}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{24}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^{21}, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^{18}, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^{15}, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{2^{12}, 4^{34}\})$	562949953421312
4	$\mathcal{O}(4; \{2^9, 4^{36}\})$	2251799813685248
4	$\mathcal{O}(4; \{2^6, 4^{38}\})$	9007199254740992
4	$\mathcal{O}(4; \{2^3, 4^{40}\})$	36028797018963968
4	$\mathcal{O}(4; \{4^{42}\})$	144115188075855872
4	$\mathcal{O}(3; \{2^{64}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{61}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{58}, 4^6\})$	131072

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{2^{55}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{52}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{49}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{46}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{43}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{40}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{37}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{34}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{31}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{28}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{25}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{22}, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^{19}, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^{16}, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{2^{13}, 4^{36}\})$	140737488355328
4	$\mathcal{O}(3; \{2^{10}, 4^{38}\})$	562949953421312
4	$\mathcal{O}(3; \{2^7, 4^{40}\})$	2251799813685248
4	$\mathcal{O}(3; \{2^4, 4^{42}\})$	9007199254740992
4	$\mathcal{O}(3; \{2, 4^{44}\})$	36028797018963968
4	$\mathcal{O}(2; \{2^{68}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{65}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{62}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{59}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{56}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{53}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{50}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{47}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{44}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{41}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{38}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{35}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{32}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{29}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{26}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{23}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^{20}, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^{17}, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^{14}, 4^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{2^{11}, 4^{40}\})$	140737488355328
4	$\mathcal{O}(2; \{2^8, 4^{42}\})$	562949953421312
4	$\mathcal{O}(2; \{2^5, 4^{44}\})$	2251799813685248
4	$\mathcal{O}(2; \{2^2, 4^{46}\})$	9007199254740992
4	$\mathcal{O}(1; \{2^{72}, 4^2\})$	32

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{2^{69}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{66}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{63}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{60}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{57}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{54}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{51}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{48}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{45}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{42}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{39}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{36}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{33}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{30}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{27}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{24}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^{21}, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^{18}, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^{15}, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{2^{12}, 4^{42}\})$	35184372088832
4	$\mathcal{O}(1; \{2^9, 4^{44}\})$	140737488355328
4	$\mathcal{O}(1; \{2^6, 4^{46}\})$	562949953421312
4	$\mathcal{O}(1; \{2^3, 4^{48}\})$	2251799813685248
4	$\mathcal{O}(1; \{4^{50}\})$	9007199254740992
4	$\mathcal{O}(0; \{2^{76}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{73}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{70}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{67}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{64}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{61}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{58}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{55}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{52}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{49}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{46}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{43}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{40}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{37}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{34}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{31}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{28}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{25}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{22}, 4^{38}\})$	137438953472

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{2^{19}, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^{16}, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2^{13}, 4^{44}\})$	8796093022208
4	$\mathcal{O}(0; \{2^{10}, 4^{46}\})$	35184372088832
4	$\mathcal{O}(0; \{2^7, 4^{48}\})$	140737488355328
4	$\mathcal{O}(0; \{2^4, 4^{50}\})$	562949953421312
4	$\mathcal{O}(0; \{2, 4^{52}\})$	2251799813685248
5	$\mathcal{O}(16; \emptyset)$	23283064365386962890624
5	$\mathcal{O}(14; \{5^5\})$	7599592208862304687500
5	$\mathcal{O}(12; \{5^{10}\})$	12500047683715820312500
5	$\mathcal{O}(10; \{5^{15}\})$	20479999923706054687500
5	$\mathcal{O}(8; \{5^{20}\})$	33554432000122070312500
5	$\mathcal{O}(6; \{5^{25}\})$	54975581388799804687500
5	$\mathcal{O}(4; \{5^{30}\})$	90071992547409920312500
5	$\mathcal{O}(2; \{5^{35}\})$	147573952589676412927500
5	$\mathcal{O}(0; \{5^{40}\})$	241785163922925834941236
6	$\mathcal{O}(13; \{2^2\})$	170581728179511099392
6	$\mathcal{O}(12; \{2^6\})$	4738381338304839680
6	$\mathcal{O}(12; \{2^2, 3^3\})$	9476762676643233792
6	$\mathcal{O}(12; \{2^3, 3, 6\})$	9476762676643233792
6	$\mathcal{O}(12; \{3^2, 6^2\})$	28430288029929701376
6	$\mathcal{O}(12; \{2, 6^3\})$	9476762676643233792
6	$\mathcal{O}(11; \{2^{10}\})$	131621703838072832
6	$\mathcal{O}(11; \{2^6, 3^3\})$	263243407684534272
6	$\mathcal{O}(11; \{2^2, 3^6\})$	2895677484529876992
6	$\mathcal{O}(11; \{2^7, 3, 6\})$	263243407684534272
6	$\mathcal{O}(11; \{2^3, 3^4, 6\})$	1316217038422671360
6	$\mathcal{O}(11; \{2^4, 3^2, 6^2\})$	789730223053602816
6	$\mathcal{O}(11; \{3^5, 6^2\})$	5528111561375219712
6	$\mathcal{O}(11; \{2^5, 6^3\})$	263243407684534272
6	$\mathcal{O}(11; \{2, 3^3, 6^3\})$	2895677484529876992
6	$\mathcal{O}(11; \{2^2, 3, 6^4\})$	1316217038422671360
6	$\mathcal{O}(11; \{6^6\})$	2895677484529876992
6	$\mathcal{O}(10; \{2^{14}\})$	3656158439014400
6	$\mathcal{O}(10; \{2^{10}, 3^3\})$	7312316880125952
6	$\mathcal{O}(10; \{2^6, 3^6\})$	80435485681385472
6	$\mathcal{O}(10; \{2^2, 3^9\})$	621546934810705920
6	$\mathcal{O}(10; \{2^{11}, 3, 6\})$	7312316880125952
6	$\mathcal{O}(10; \{2^7, 3^4, 6\})$	36561584400629760
6	$\mathcal{O}(10; \{2^3, 3^7, 6\})$	314429625845415936
6	$\mathcal{O}(10; \{2^8, 3^2, 6^2\})$	21936950640377856
6	$\mathcal{O}(10; \{2^4, 3^5, 6^2\})$	153558654482644992
6	$\mathcal{O}(10; \{3^8, 6^2\})$	1250406186501537792

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{2^9, 6^3\})$	7312316880125952
6	$\mathcal{O}(10; \{2^5, 3^3, 6^3\})$	80435485681385472
6	$\mathcal{O}(10; \{2, 3^6, 6^3\})$	621546934810705920
6	$\mathcal{O}(10; \{2^6, 3, 6^4\})$	36561584400629760
6	$\mathcal{O}(10; \{2^2, 3^4, 6^4\})$	314429625845415936
6	$\mathcal{O}(10; \{2^3, 3^2, 6^5\})$	153558654482644992
6	$\mathcal{O}(10; \{2^4, 6^6\})$	80435485681385472
6	$\mathcal{O}(10; \{3^3, 6^6\})$	621546934810705920
6	$\mathcal{O}(10; \{2, 3, 6^7\})$	314429625845415936
6	$\mathcal{O}(9; \{2^{18}\})$	101559956406272
6	$\mathcal{O}(9; \{2^{14}, 3^3\})$	203119913336832
6	$\mathcal{O}(9; \{2^{10}, 3^6\})$	2234319046705152
6	$\mathcal{O}(9; \{2^6, 3^9\})$	17265192633630720
6	$\mathcal{O}(9; \{2^2, 3^{12}\})$	138730900809056256
6	$\mathcal{O}(9; \{2^{15}, 3, 6\})$	203119913336832
6	$\mathcal{O}(9; \{2^{11}, 3^4, 6\})$	1015599566684160
6	$\mathcal{O}(9; \{2^7, 3^7, 6\})$	8734156273483776
6	$\mathcal{O}(9; \{2^3, 3^{10}, 6\})$	69263890447859712
6	$\mathcal{O}(9; \{2^{12}, 3^2, 6^2\})$	609359740010496
6	$\mathcal{O}(9; \{2^8, 3^5, 6^2\})$	4265518180073472
6	$\mathcal{O}(9; \{2^4, 3^8, 6^2\})$	34733505180598272
6	$\mathcal{O}(9; \{3^{11}, 6^2\})$	277258681704775680
6	$\mathcal{O}(9; \{2^{13}, 6^3\})$	203119913336832
6	$\mathcal{O}(9; \{2^9, 3^3, 6^3\})$	2234319046705152
6	$\mathcal{O}(9; \{2^5, 3^6, 6^3\})$	17265192633630720
6	$\mathcal{O}(9; \{2, 3^9, 6^3\})$	138730900809056256
6	$\mathcal{O}(9; \{2^{10}, 3, 6^4\})$	1015599566684160
6	$\mathcal{O}(9; \{2^6, 3^4, 6^4\})$	8734156273483776
6	$\mathcal{O}(9; \{2^2, 3^7, 6^4\})$	69263890447859712
6	$\mathcal{O}(9; \{2^7, 3^2, 6^5\})$	4265518180073472
6	$\mathcal{O}(9; \{2^3, 3^5, 6^5\})$	34733505180598272
6	$\mathcal{O}(9; \{2^8, 6^6\})$	2234319046705152
6	$\mathcal{O}(9; \{2^4, 3^3, 6^6\})$	17265192633630720
6	$\mathcal{O}(9; \{3^6, 6^6\})$	138730900809056256
6	$\mathcal{O}(9; \{2^5, 3, 6^7\})$	8734156273483776
6	$\mathcal{O}(9; \{2, 3^4, 6^7\})$	69263890447859712
6	$\mathcal{O}(9; \{2^2, 3^2, 6^8\})$	34733505180598272
6	$\mathcal{O}(9; \{2^3, 6^9\})$	17265192633630720
6	$\mathcal{O}(9; \{3, 6^{10}\})$	69263890447859712
6	$\mathcal{O}(8; \{2^{22}\})$	2821109841920
6	$\mathcal{O}(8; \{2^{18}, 3^3\})$	5642219814912
6	$\mathcal{O}(8; \{2^{14}, 3^6\})$	62064417964032
6	$\mathcal{O}(8; \{2^{10}, 3^9\})$	479588684267520

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{2^6, 3^{12}\})$	3853636133584896
6	$\mathcal{O}(8; \{2^2, 3^{15}\})$	30812162409234432
6	$\mathcal{O}(8; \{2^{19}, 3, 6\})$	5642219814912
6	$\mathcal{O}(8; \{2^{15}, 3^4, 6\})$	28211099074560
6	$\mathcal{O}(8; \{2^{11}, 3^7, 6\})$	242615452041216
6	$\mathcal{O}(8; \{2^7, 3^{10}, 6\})$	1923996956884992
6	$\mathcal{O}(8; \{2^3, 3^{13}, 6\})$	15408902314524672
6	$\mathcal{O}(8; \{2^{16}, 3^2, 6^2\})$	16926659444736
6	$\mathcal{O}(8; \{2^{12}, 3^5, 6^2\})$	118486616113152
6	$\mathcal{O}(8; \{2^8, 3^8, 6^2\})$	964819588349952
6	$\mathcal{O}(8; \{2^4, 3^{11}, 6^2\})$	7701630047354880
6	$\mathcal{O}(8; \{3^{14}, 6^2\})$	61629967038283776
6	$\mathcal{O}(8; \{2^{17}, 6^3\})$	5642219814912
6	$\mathcal{O}(8; \{2^{13}, 3^3, 6^3\})$	62064417964032
6	$\mathcal{O}(8; \{2^9, 3^6, 6^3\})$	479588684267520
6	$\mathcal{O}(8; \{2^5, 3^9, 6^3\})$	3853636133584896
6	$\mathcal{O}(8; \{2, 3^{12}, 6^3\})$	30812162409234432
6	$\mathcal{O}(8; \{2^{14}, 3, 6^4\})$	28211099074560
6	$\mathcal{O}(8; \{2^{10}, 3^4, 6^4\})$	242615452041216
6	$\mathcal{O}(8; \{2^6, 3^7, 6^4\})$	1923996956884992
6	$\mathcal{O}(8; \{2^2, 3^{10}, 6^4\})$	15408902314524672
6	$\mathcal{O}(8; \{2^{11}, 3^2, 6^5\})$	118486616113152
6	$\mathcal{O}(8; \{2^7, 3^5, 6^5\})$	964819588349952
6	$\mathcal{O}(8; \{2^3, 3^8, 6^5\})$	7701630047354880
6	$\mathcal{O}(8; \{2^{12}, 6^6\})$	62064417964032
6	$\mathcal{O}(8; \{2^8, 3^3, 6^6\})$	479588684267520
6	$\mathcal{O}(8; \{2^4, 3^6, 6^6\})$	3853636133584896
6	$\mathcal{O}(8; \{3^9, 6^6\})$	30812162409234432
6	$\mathcal{O}(8; \{2^9, 3, 6^7\})$	242615452041216
6	$\mathcal{O}(8; \{2^5, 3^4, 6^7\})$	1923996956884992
6	$\mathcal{O}(8; \{2, 3^7, 6^7\})$	15408902314524672
6	$\mathcal{O}(8; \{2^6, 3^2, 6^8\})$	964819588349952
6	$\mathcal{O}(8; \{2^2, 3^5, 6^8\})$	7701630047354880
6	$\mathcal{O}(8; \{2^7, 6^9\})$	479588684267520
6	$\mathcal{O}(8; \{2^3, 3^3, 6^9\})$	3853636133584896
6	$\mathcal{O}(8; \{2^4, 3, 6^{10}\})$	1923996956884992
6	$\mathcal{O}(8; \{3^4, 6^{10}\})$	15408902314524672
6	$\mathcal{O}(8; \{2, 3^2, 6^{11}\})$	7701630047354880
6	$\mathcal{O}(8; \{2^2, 6^{12}\})$	3853636133584896
6	$\mathcal{O}(7; \{2^{26}\})$	78364147712
6	$\mathcal{O}(7; \{2^{22}, 3^3\})$	156728328192
6	$\mathcal{O}(7; \{2^{18}, 3^6\})$	1724011610112
6	$\mathcal{O}(7; \{2^{14}, 3^9\})$	13321907896320

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{2^{10}, 3^{12}\})$	107045448155136
6	$\mathcal{O}(7; \{2^6, 3^{15}\})$	855893400256512
6	$\mathcal{O}(7; \{2^2, 3^{18}\})$	6847617387036672
6	$\mathcal{O}(7; \{2^{23}, 3, 6\})$	156728328192
6	$\mathcal{O}(7; \{2^{19}, 3^4, 6\})$	783641640960
6	$\mathcal{O}(7; \{2^{15}, 3^7, 6\})$	6739318112256
6	$\mathcal{O}(7; \{2^{11}, 3^{10}, 6\})$	53444359913472
6	$\mathcal{O}(7; \{2^7, 3^{13}, 6\})$	428025064292352
6	$\mathcal{O}(7; \{2^3, 3^{16}, 6\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{20}, 3^2, 6^2\})$	470184984576
6	$\mathcal{O}(7; \{2^{16}, 3^5, 6^2\})$	3291294892032
6	$\mathcal{O}(7; \{2^{12}, 3^8, 6^2\})$	26800544120832
6	$\mathcal{O}(7; \{2^8, 3^{11}, 6^2\})$	213934167982080
6	$\mathcal{O}(7; \{2^4, 3^{14}, 6^2\})$	1711943528841216
6	$\mathcal{O}(7; \{3^{17}, 6^2\})$	13695078045745152
6	$\mathcal{O}(7; \{2^{21}, 6^3\})$	156728328192
6	$\mathcal{O}(7; \{2^{17}, 3^3, 6^3\})$	1724011610112
6	$\mathcal{O}(7; \{2^{13}, 3^6, 6^3\})$	13321907896320
6	$\mathcal{O}(7; \{2^9, 3^9, 6^3\})$	107045448155136
6	$\mathcal{O}(7; \{2^5, 3^{12}, 6^3\})$	855893400256512
6	$\mathcal{O}(7; \{2, 3^{15}, 6^3\})$	6847617387036672
6	$\mathcal{O}(7; \{2^{18}, 3, 6^4\})$	783641640960
6	$\mathcal{O}(7; \{2^{14}, 3^4, 6^4\})$	6739318112256
6	$\mathcal{O}(7; \{2^{10}, 3^7, 6^4\})$	53444359913472
6	$\mathcal{O}(7; \{2^6, 3^{10}, 6^4\})$	428025064292352
6	$\mathcal{O}(7; \{2^2, 3^{13}, 6^4\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{15}, 3^2, 6^5\})$	3291294892032
6	$\mathcal{O}(7; \{2^{11}, 3^5, 6^5\})$	26800544120832
6	$\mathcal{O}(7; \{2^7, 3^8, 6^5\})$	213934167982080
6	$\mathcal{O}(7; \{2^3, 3^{11}, 6^5\})$	1711943528841216
6	$\mathcal{O}(7; \{2^{16}, 6^6\})$	1724011610112
6	$\mathcal{O}(7; \{2^{12}, 3^3, 6^6\})$	13321907896320
6	$\mathcal{O}(7; \{2^8, 3^6, 6^6\})$	107045448155136
6	$\mathcal{O}(7; \{2^4, 3^9, 6^6\})$	855893400256512
6	$\mathcal{O}(7; \{3^{12}, 6^6\})$	6847617387036672
6	$\mathcal{O}(7; \{2^{13}, 3, 6^7\})$	6739318112256
6	$\mathcal{O}(7; \{2^9, 3^4, 6^7\})$	53444359913472
6	$\mathcal{O}(7; \{2^5, 3^7, 6^7\})$	428025064292352
6	$\mathcal{O}(7; \{2, 3^{10}, 6^7\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{10}, 3^2, 6^8\})$	26800544120832
6	$\mathcal{O}(7; \{2^6, 3^5, 6^8\})$	213934167982080
6	$\mathcal{O}(7; \{2^2, 3^8, 6^8\})$	1711943528841216
6	$\mathcal{O}(7; \{2^{11}, 6^9\})$	13321907896320

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{2^7, 3^3, 6^9\})$	107045448155136
6	$\mathcal{O}(7; \{2^3, 3^6, 6^9\})$	855893400256512
6	$\mathcal{O}(7; \{2^8, 3, 6^{10}\})$	53444359913472
6	$\mathcal{O}(7; \{2^4, 3^4, 6^{10}\})$	428025064292352
6	$\mathcal{O}(7; \{3^7, 6^{10}\})$	3423730329354240
6	$\mathcal{O}(7; \{2^5, 3^2, 6^{11}\})$	213934167982080
6	$\mathcal{O}(7; \{2, 3^5, 6^{11}\})$	1711943528841216
6	$\mathcal{O}(7; \{2^6, 6^{12}\})$	107045448155136
6	$\mathcal{O}(7; \{2^2, 3^3, 6^{12}\})$	855893400256512
6	$\mathcal{O}(7; \{2^3, 3, 6^{13}\})$	428025064292352
6	$\mathcal{O}(7; \{3^2, 6^{14}\})$	1711943528841216
6	$\mathcal{O}(7; \{2, 6^{15}\})$	855893400256512
6	$\mathcal{O}(6; \{2^{30}\})$	2176778240
6	$\mathcal{O}(6; \{2^{26}, 3^3\})$	4353564672
6	$\mathcal{O}(6; \{2^{22}, 3^6\})$	47889211392
6	$\mathcal{O}(6; \{2^{18}, 3^9\})$	370052997120
6	$\mathcal{O}(6; \{2^{14}, 3^{12}\})$	2973484670976
6	$\mathcal{O}(6; \{2^{10}, 3^{15}\})$	23774816673792
6	$\mathcal{O}(6; \{2^6, 3^{18}\})$	190211594084352
6	$\mathcal{O}(6; \{2^2, 3^{21}\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{27}, 3, 6\})$	4353564672
6	$\mathcal{O}(6; \{2^{23}, 3^4, 6\})$	21767823360
6	$\mathcal{O}(6; \{2^{19}, 3^7, 6\})$	187203280896
6	$\mathcal{O}(6; \{2^{15}, 3^{10}, 6\})$	1484565553152
6	$\mathcal{O}(6; \{2^{11}, 3^{13}, 6\})$	11889585119232
6	$\mathcal{O}(6; \{2^7, 3^{16}, 6\})$	95103620259840
6	$\mathcal{O}(6; \{2^3, 3^{19}, 6\})$	760842022772736
6	$\mathcal{O}(6; \{2^{24}, 3^2, 6^2\})$	13060694016
6	$\mathcal{O}(6; \{2^{20}, 3^5, 6^2\})$	91424858112
6	$\mathcal{O}(6; \{2^{16}, 3^8, 6^2\})$	744459558912
6	$\mathcal{O}(6; \{2^{12}, 3^{11}, 6^2\})$	5942615777280
6	$\mathcal{O}(6; \{2^8, 3^{14}, 6^2\})$	47553986912256
6	$\mathcal{O}(6; \{2^4, 3^{17}, 6^2\})$	380418834604032
6	$\mathcal{O}(6; \{3^{20}, 6^2\})$	3043363737526272
6	$\mathcal{O}(6; \{2^{25}, 6^3\})$	4353564672
6	$\mathcal{O}(6; \{2^{21}, 3^3, 6^3\})$	47889211392
6	$\mathcal{O}(6; \{2^{17}, 3^6, 6^3\})$	370052997120
6	$\mathcal{O}(6; \{2^{13}, 3^9, 6^3\})$	2973484670976
6	$\mathcal{O}(6; \{2^9, 3^{12}, 6^3\})$	23774816673792
6	$\mathcal{O}(6; \{2^5, 3^{15}, 6^3\})$	190211594084352
6	$\mathcal{O}(6; \{2, 3^{18}, 6^3\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{22}, 3, 6^4\})$	21767823360
6	$\mathcal{O}(6; \{2^{18}, 3^4, 6^4\})$	187203280896

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^{14}, 3^7, 6^4\})$	1484565553152
6	$\mathcal{O}(6; \{2^{10}, 3^{10}, 6^4\})$	11889585119232
6	$\mathcal{O}(6; \{2^6, 3^{13}, 6^4\})$	95103620259840
6	$\mathcal{O}(6; \{2^2, 3^{16}, 6^4\})$	760842022772736
6	$\mathcal{O}(6; \{2^{19}, 3^2, 6^5\})$	91424858112
6	$\mathcal{O}(6; \{2^{15}, 3^5, 6^5\})$	744459558912
6	$\mathcal{O}(6; \{2^{11}, 3^8, 6^5\})$	5942615777280
6	$\mathcal{O}(6; \{2^7, 3^{11}, 6^5\})$	47553986912256
6	$\mathcal{O}(6; \{2^3, 3^{14}, 6^5\})$	380418834604032
6	$\mathcal{O}(6; \{2^{20}, 6^6\})$	47889211392
6	$\mathcal{O}(6; \{2^{16}, 3^3, 6^6\})$	370052997120
6	$\mathcal{O}(6; \{2^{12}, 3^6, 6^6\})$	2973484670976
6	$\mathcal{O}(6; \{2^8, 3^9, 6^6\})$	23774816673792
6	$\mathcal{O}(6; \{2^4, 3^{12}, 6^6\})$	190211594084352
6	$\mathcal{O}(6; \{3^{15}, 6^6\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{17}, 3, 6^7\})$	187203280896
6	$\mathcal{O}(6; \{2^{13}, 3^4, 6^7\})$	1484565553152
6	$\mathcal{O}(6; \{2^9, 3^7, 6^7\})$	11889585119232
6	$\mathcal{O}(6; \{2^5, 3^{10}, 6^7\})$	95103620259840
6	$\mathcal{O}(6; \{2, 3^{13}, 6^7\})$	760842022772736
6	$\mathcal{O}(6; \{2^{14}, 3^2, 6^8\})$	744459558912
6	$\mathcal{O}(6; \{2^{10}, 3^5, 6^8\})$	5942615777280
6	$\mathcal{O}(6; \{2^6, 3^8, 6^8\})$	47553986912256
6	$\mathcal{O}(6; \{2^2, 3^{11}, 6^8\})$	380418834604032
6	$\mathcal{O}(6; \{2^{15}, 6^9\})$	370052997120
6	$\mathcal{O}(6; \{2^{11}, 3^3, 6^9\})$	2973484670976
6	$\mathcal{O}(6; \{2^7, 3^6, 6^9\})$	23774816673792
6	$\mathcal{O}(6; \{2^3, 3^9, 6^9\})$	190211594084352
6	$\mathcal{O}(6; \{2^{12}, 3, 6^{10}\})$	1484565553152
6	$\mathcal{O}(6; \{2^8, 3^4, 6^{10}\})$	11889585119232
6	$\mathcal{O}(6; \{2^4, 3^7, 6^{10}\})$	95103620259840
6	$\mathcal{O}(6; \{3^{10}, 6^{10}\})$	760842022772736
6	$\mathcal{O}(6; \{2^9, 3^2, 6^{11}\})$	5942615777280
6	$\mathcal{O}(6; \{2^5, 3^5, 6^{11}\})$	47553986912256
6	$\mathcal{O}(6; \{2, 3^8, 6^{11}\})$	380418834604032
6	$\mathcal{O}(6; \{2^{10}, 6^{12}\})$	2973484670976
6	$\mathcal{O}(6; \{2^6, 3^3, 6^{12}\})$	23774816673792
6	$\mathcal{O}(6; \{2^2, 3^6, 6^{12}\})$	190211594084352
6	$\mathcal{O}(6; \{2^7, 3, 6^{13}\})$	11889585119232
6	$\mathcal{O}(6; \{2^3, 3^4, 6^{13}\})$	95103620259840
6	$\mathcal{O}(6; \{2^4, 3^2, 6^{14}\})$	47553986912256
6	$\mathcal{O}(6; \{3^5, 6^{14}\})$	380418834604032
6	$\mathcal{O}(6; \{2^5, 6^{15}\})$	23774816673792

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2, 3^3, 6^{15}\})$	190211594084352
6	$\mathcal{O}(6; \{2^2, 3, 6^{16}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{18}\})$	190211594084352
6	$\mathcal{O}(5; \{2^{34}\})$	60465152
6	$\mathcal{O}(5; \{2^{30}, 3^3\})$	120932352
6	$\mathcal{O}(5; \{2^{26}, 3^6\})$	1330255872
6	$\mathcal{O}(5; \{2^{22}, 3^9\})$	10279249920
6	$\mathcal{O}(5; \{2^{18}, 3^{12}\})$	82596796416
6	$\mathcal{O}(5; \{2^{14}, 3^{15}\})$	660411574272
6	$\mathcal{O}(5; \{2^{10}, 3^{18}\})$	5283655391232
6	$\mathcal{O}(5; \{2^6, 3^{21}\})$	42268880332800
6	$\mathcal{O}(5; \{2^2, 3^{24}\})$	338151405459456
6	$\mathcal{O}(5; \{2^{31}, 3, 6\})$	120932352
6	$\mathcal{O}(5; \{2^{27}, 3^4, 6\})$	604661760
6	$\mathcal{O}(5; \{2^{23}, 3^7, 6\})$	5200091136
6	$\mathcal{O}(5; \{2^{19}, 3^{10}, 6\})$	41237932032
6	$\mathcal{O}(5; \{2^{15}, 3^{13}, 6\})$	330266253312
6	$\mathcal{O}(5; \{2^{11}, 3^{16}, 6\})$	2641767229440
6	$\mathcal{O}(5; \{2^7, 3^{19}, 6\})$	21134500632576
6	$\mathcal{O}(5; \{2^3, 3^{22}, 6\})$	169075642263552
6	$\mathcal{O}(5; \{2^{28}, 3^2, 6^2\})$	362797056
6	$\mathcal{O}(5; \{2^{24}, 3^5, 6^2\})$	2539579392
6	$\mathcal{O}(5; \{2^{20}, 3^8, 6^2\})$	20679432192
6	$\mathcal{O}(5; \{2^{16}, 3^{11}, 6^2\})$	165072660480
6	$\mathcal{O}(5; \{2^{12}, 3^{14}, 6^2\})$	1320944080896
6	$\mathcal{O}(5; \{2^8, 3^{17}, 6^2\})$	10567189850112
6	$\mathcal{O}(5; \{2^4, 3^{20}, 6^2\})$	84537881597952
6	$\mathcal{O}(5; \{3^{23}, 6^2\})$	676302689986560
6	$\mathcal{O}(5; \{2^{29}, 6^3\})$	120932352
6	$\mathcal{O}(5; \{2^{25}, 3^3, 6^3\})$	1330255872
6	$\mathcal{O}(5; \{2^{21}, 3^6, 6^3\})$	10279249920
6	$\mathcal{O}(5; \{2^{17}, 3^9, 6^3\})$	82596796416
6	$\mathcal{O}(5; \{2^{13}, 3^{12}, 6^3\})$	660411574272
6	$\mathcal{O}(5; \{2^9, 3^{15}, 6^3\})$	5283655391232
6	$\mathcal{O}(5; \{2^5, 3^{18}, 6^3\})$	42268880332800
6	$\mathcal{O}(5; \{2, 3^{21}, 6^3\})$	338151405459456
6	$\mathcal{O}(5; \{2^{26}, 3, 6^4\})$	604661760
6	$\mathcal{O}(5; \{2^{22}, 3^4, 6^4\})$	5200091136
6	$\mathcal{O}(5; \{2^{18}, 3^7, 6^4\})$	41237932032
6	$\mathcal{O}(5; \{2^{14}, 3^{10}, 6^4\})$	330266253312
6	$\mathcal{O}(5; \{2^{10}, 3^{13}, 6^4\})$	2641767229440
6	$\mathcal{O}(5; \{2^6, 3^{16}, 6^4\})$	21134500632576
6	$\mathcal{O}(5; \{2^2, 3^{19}, 6^4\})$	169075642263552

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^{23}, 3^2, 6^5\})$	2539579392
6	$\mathcal{O}(5; \{2^{19}, 3^5, 6^5\})$	20679432192
6	$\mathcal{O}(5; \{2^{15}, 3^8, 6^5\})$	165072660480
6	$\mathcal{O}(5; \{2^{11}, 3^{11}, 6^5\})$	1320944080896
6	$\mathcal{O}(5; \{2^7, 3^{14}, 6^5\})$	10567189850112
6	$\mathcal{O}(5; \{2^3, 3^{17}, 6^5\})$	84537881597952
6	$\mathcal{O}(5; \{2^{24}, 6^6\})$	1330255872
6	$\mathcal{O}(5; \{2^{20}, 3^3, 6^6\})$	10279249920
6	$\mathcal{O}(5; \{2^{16}, 3^6, 6^6\})$	82596796416
6	$\mathcal{O}(5; \{2^{12}, 3^9, 6^6\})$	660411574272
6	$\mathcal{O}(5; \{2^8, 3^{12}, 6^6\})$	5283655391232
6	$\mathcal{O}(5; \{2^4, 3^{15}, 6^6\})$	42268880332800
6	$\mathcal{O}(5; \{3^{18}, 6^6\})$	338151405459456
6	$\mathcal{O}(5; \{2^{21}, 3, 6^7\})$	5200091136
6	$\mathcal{O}(5; \{2^{17}, 3^4, 6^7\})$	41237932032
6	$\mathcal{O}(5; \{2^{13}, 3^7, 6^7\})$	330266253312
6	$\mathcal{O}(5; \{2^9, 3^{10}, 6^7\})$	2641767229440
6	$\mathcal{O}(5; \{2^5, 3^{13}, 6^7\})$	21134500632576
6	$\mathcal{O}(5; \{2, 3^{16}, 6^7\})$	169075642263552
6	$\mathcal{O}(5; \{2^{18}, 3^2, 6^8\})$	20679432192
6	$\mathcal{O}(5; \{2^{14}, 3^5, 6^8\})$	165072660480
6	$\mathcal{O}(5; \{2^{10}, 3^8, 6^8\})$	1320944080896
6	$\mathcal{O}(5; \{2^6, 3^{11}, 6^8\})$	10567189850112
6	$\mathcal{O}(5; \{2^2, 3^{14}, 6^8\})$	84537881597952
6	$\mathcal{O}(5; \{2^{19}, 6^9\})$	10279249920
6	$\mathcal{O}(5; \{2^{15}, 3^3, 6^9\})$	82596796416
6	$\mathcal{O}(5; \{2^{11}, 3^6, 6^9\})$	660411574272
6	$\mathcal{O}(5; \{2^7, 3^9, 6^9\})$	5283655391232
6	$\mathcal{O}(5; \{2^3, 3^{12}, 6^9\})$	42268880332800
6	$\mathcal{O}(5; \{2^{16}, 3, 6^{10}\})$	41237932032
6	$\mathcal{O}(5; \{2^{12}, 3^4, 6^{10}\})$	330266253312
6	$\mathcal{O}(5; \{2^8, 3^7, 6^{10}\})$	2641767229440
6	$\mathcal{O}(5; \{2^4, 3^{10}, 6^{10}\})$	21134500632576
6	$\mathcal{O}(5; \{3^{13}, 6^{10}\})$	169075642263552
6	$\mathcal{O}(5; \{2^{13}, 3^2, 6^{11}\})$	165072660480
6	$\mathcal{O}(5; \{2^9, 3^5, 6^{11}\})$	1320944080896
6	$\mathcal{O}(5; \{2^5, 3^8, 6^{11}\})$	10567189850112
6	$\mathcal{O}(5; \{2, 3^{11}, 6^{11}\})$	84537881597952
6	$\mathcal{O}(5; \{2^{14}, 6^{12}\})$	82596796416
6	$\mathcal{O}(5; \{2^{10}, 3^3, 6^{12}\})$	660411574272
6	$\mathcal{O}(5; \{2^6, 3^6, 6^{12}\})$	5283655391232
6	$\mathcal{O}(5; \{2^2, 3^9, 6^{12}\})$	42268880332800
6	$\mathcal{O}(5; \{2^{11}, 3, 6^{13}\})$	330266253312

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^7, 3^4, 6^{13}\})$	2641767229440
6	$\mathcal{O}(5; \{2^3, 3^7, 6^{13}\})$	21134500632576
6	$\mathcal{O}(5; \{2^8, 3^2, 6^{14}\})$	1320944080896
6	$\mathcal{O}(5; \{2^4, 3^5, 6^{14}\})$	10567189850112
6	$\mathcal{O}(5; \{3^8, 6^{14}\})$	84537881597952
6	$\mathcal{O}(5; \{2^9, 6^{15}\})$	660411574272
6	$\mathcal{O}(5; \{2^5, 3^3, 6^{15}\})$	5283655391232
6	$\mathcal{O}(5; \{2, 3^6, 6^{15}\})$	42268880332800
6	$\mathcal{O}(5; \{2^6, 3, 6^{16}\})$	2641767229440
6	$\mathcal{O}(5; \{2^2, 3^4, 6^{16}\})$	21134500632576
6	$\mathcal{O}(5; \{2^3, 3^2, 6^{17}\})$	10567189850112
6	$\mathcal{O}(5; \{2^4, 6^{18}\})$	5283655391232
6	$\mathcal{O}(5; \{3^3, 6^{18}\})$	42268880332800
6	$\mathcal{O}(5; \{2, 3, 6^{19}\})$	21134500632576
6	$\mathcal{O}(4; \{2^{38}\})$	1679360
6	$\mathcal{O}(4; \{2^{34}, 3^3\})$	3359232
6	$\mathcal{O}(4; \{2^{30}, 3^6\})$	36951552
6	$\mathcal{O}(4; \{2^{26}, 3^9\})$	285534720
6	$\mathcal{O}(4; \{2^{22}, 3^{12}\})$	2294355456
6	$\mathcal{O}(4; \{2^{18}, 3^{15}\})$	18344765952
6	$\mathcal{O}(4; \{2^{14}, 3^{18}\})$	146768205312
6	$\mathcal{O}(4; \{2^{10}, 3^{21}\})$	1174135564800
6	$\mathcal{O}(4; \{2^6, 3^{24}\})$	9393094596096
6	$\mathcal{O}(4; \{2^2, 3^{27}\})$	75144746691072
6	$\mathcal{O}(4; \{2^{35}, 3, 6\})$	3359232
6	$\mathcal{O}(4; \{2^{31}, 3^4, 6\})$	16796160
6	$\mathcal{O}(4; \{2^{27}, 3^7, 6\})$	144446976
6	$\mathcal{O}(4; \{2^{23}, 3^{10}, 6\})$	1145498112
6	$\mathcal{O}(4; \{2^{19}, 3^{13}, 6\})$	9174062592
6	$\mathcal{O}(4; \{2^{15}, 3^{16}, 6\})$	73382423040
6	$\mathcal{O}(4; \{2^{11}, 3^{19}, 6\})$	587069462016
6	$\mathcal{O}(4; \{2^7, 3^{22}, 6\})$	4696545618432
6	$\mathcal{O}(4; \{2^3, 3^{25}, 6\})$	37572375025152
6	$\mathcal{O}(4; \{2^{32}, 3^2, 6^2\})$	10077696
6	$\mathcal{O}(4; \{2^{28}, 3^5, 6^2\})$	70543872
6	$\mathcal{O}(4; \{2^{24}, 3^8, 6^2\})$	574428672
6	$\mathcal{O}(4; \{2^{20}, 3^{11}, 6^2\})$	4585351680
6	$\mathcal{O}(4; \{2^{16}, 3^{14}, 6^2\})$	36692891136
6	$\mathcal{O}(4; \{2^{12}, 3^{17}, 6^2\})$	293533051392
6	$\mathcal{O}(4; \{2^8, 3^{20}, 6^2\})$	2348274488832
6	$\mathcal{O}(4; \{2^4, 3^{23}, 6^2\})$	18786185832960
6	$\mathcal{O}(4; \{3^{26}, 6^2\})$	150289496741376
6	$\mathcal{O}(4; \{2^{33}, 6^3\})$	3359232

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^{29}, 3^3, 6^3\})$	36951552
6	$\mathcal{O}(4; \{2^{25}, 3^6, 6^3\})$	285534720
6	$\mathcal{O}(4; \{2^{21}, 3^9, 6^3\})$	2294355456
6	$\mathcal{O}(4; \{2^{17}, 3^{12}, 6^3\})$	18344765952
6	$\mathcal{O}(4; \{2^{13}, 3^{15}, 6^3\})$	146768205312
6	$\mathcal{O}(4; \{2^9, 3^{18}, 6^3\})$	1174135564800
6	$\mathcal{O}(4; \{2^5, 3^{21}, 6^3\})$	9393094596096
6	$\mathcal{O}(4; \{2, 3^{24}, 6^3\})$	75144746691072
6	$\mathcal{O}(4; \{2^{30}, 3, 6^4\})$	16796160
6	$\mathcal{O}(4; \{2^{26}, 3^4, 6^4\})$	144446976
6	$\mathcal{O}(4; \{2^{22}, 3^7, 6^4\})$	1145498112
6	$\mathcal{O}(4; \{2^{18}, 3^{10}, 6^4\})$	9174062592
6	$\mathcal{O}(4; \{2^{14}, 3^{13}, 6^4\})$	73382423040
6	$\mathcal{O}(4; \{2^{10}, 3^{16}, 6^4\})$	587069462016
6	$\mathcal{O}(4; \{2^6, 3^{19}, 6^4\})$	4696545618432
6	$\mathcal{O}(4; \{2^2, 3^{22}, 6^4\})$	37572375025152
6	$\mathcal{O}(4; \{2^{27}, 3^2, 6^5\})$	70543872
6	$\mathcal{O}(4; \{2^{23}, 3^5, 6^5\})$	574428672
6	$\mathcal{O}(4; \{2^{19}, 3^8, 6^5\})$	4585351680
6	$\mathcal{O}(4; \{2^{15}, 3^{11}, 6^5\})$	36692891136
6	$\mathcal{O}(4; \{2^{11}, 3^{14}, 6^5\})$	293533051392
6	$\mathcal{O}(4; \{2^7, 3^{17}, 6^5\})$	2348274488832
6	$\mathcal{O}(4; \{2^3, 3^{20}, 6^5\})$	18786185832960
6	$\mathcal{O}(4; \{2^{28}, 6^6\})$	36951552
6	$\mathcal{O}(4; \{2^{24}, 3^3, 6^6\})$	285534720
6	$\mathcal{O}(4; \{2^{20}, 3^6, 6^6\})$	2294355456
6	$\mathcal{O}(4; \{2^{16}, 3^9, 6^6\})$	18344765952
6	$\mathcal{O}(4; \{2^{12}, 3^{12}, 6^6\})$	146768205312
6	$\mathcal{O}(4; \{2^8, 3^{15}, 6^6\})$	1174135564800
6	$\mathcal{O}(4; \{2^4, 3^{18}, 6^6\})$	9393094596096
6	$\mathcal{O}(4; \{3^{21}, 6^6\})$	75144746691072
6	$\mathcal{O}(4; \{2^{25}, 3, 6^7\})$	144446976
6	$\mathcal{O}(4; \{2^{21}, 3^4, 6^7\})$	1145498112
6	$\mathcal{O}(4; \{2^{17}, 3^7, 6^7\})$	9174062592
6	$\mathcal{O}(4; \{2^{13}, 3^{10}, 6^7\})$	73382423040
6	$\mathcal{O}(4; \{2^9, 3^{13}, 6^7\})$	587069462016
6	$\mathcal{O}(4; \{2^5, 3^{16}, 6^7\})$	4696545618432
6	$\mathcal{O}(4; \{2, 3^{19}, 6^7\})$	37572375025152
6	$\mathcal{O}(4; \{2^{22}, 3^2, 6^8\})$	574428672
6	$\mathcal{O}(4; \{2^{18}, 3^5, 6^8\})$	4585351680
6	$\mathcal{O}(4; \{2^{14}, 3^8, 6^8\})$	36692891136
6	$\mathcal{O}(4; \{2^{10}, 3^{11}, 6^8\})$	293533051392
6	$\mathcal{O}(4; \{2^6, 3^{14}, 6^8\})$	2348274488832

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^2, 3^{17}, 6^8\})$	18786185832960
6	$\mathcal{O}(4; \{2^{23}, 6^9\})$	285534720
6	$\mathcal{O}(4; \{2^{19}, 3^3, 6^9\})$	2294355456
6	$\mathcal{O}(4; \{2^{15}, 3^6, 6^9\})$	18344765952
6	$\mathcal{O}(4; \{2^{11}, 3^9, 6^9\})$	146768205312
6	$\mathcal{O}(4; \{2^7, 3^{12}, 6^9\})$	1174135564800
6	$\mathcal{O}(4; \{2^3, 3^{15}, 6^9\})$	9393094596096
6	$\mathcal{O}(4; \{2^{20}, 3, 6^{10}\})$	1145498112
6	$\mathcal{O}(4; \{2^{16}, 3^4, 6^{10}\})$	9174062592
6	$\mathcal{O}(4; \{2^{12}, 3^7, 6^{10}\})$	73382423040
6	$\mathcal{O}(4; \{2^8, 3^{10}, 6^{10}\})$	587069462016
6	$\mathcal{O}(4; \{2^4, 3^{13}, 6^{10}\})$	4696545618432
6	$\mathcal{O}(4; \{3^{16}, 6^{10}\})$	37572375025152
6	$\mathcal{O}(4; \{2^{17}, 3^2, 6^{11}\})$	4585351680
6	$\mathcal{O}(4; \{2^{13}, 3^5, 6^{11}\})$	36692891136
6	$\mathcal{O}(4; \{2^9, 3^8, 6^{11}\})$	293533051392
6	$\mathcal{O}(4; \{2^5, 3^{11}, 6^{11}\})$	2348274488832
6	$\mathcal{O}(4; \{2, 3^{14}, 6^{11}\})$	18786185832960
6	$\mathcal{O}(4; \{2^{18}, 6^{12}\})$	2294355456
6	$\mathcal{O}(4; \{2^{14}, 3^3, 6^{12}\})$	18344765952
6	$\mathcal{O}(4; \{2^{10}, 3^6, 6^{12}\})$	146768205312
6	$\mathcal{O}(4; \{2^6, 3^9, 6^{12}\})$	1174135564800
6	$\mathcal{O}(4; \{2^2, 3^{12}, 6^{12}\})$	9393094596096
6	$\mathcal{O}(4; \{2^{15}, 3, 6^{13}\})$	9174062592
6	$\mathcal{O}(4; \{2^{11}, 3^4, 6^{13}\})$	73382423040
6	$\mathcal{O}(4; \{2^7, 3^7, 6^{13}\})$	587069462016
6	$\mathcal{O}(4; \{2^3, 3^{10}, 6^{13}\})$	4696545618432
6	$\mathcal{O}(4; \{2^{12}, 3^2, 6^{14}\})$	36692891136
6	$\mathcal{O}(4; \{2^8, 3^5, 6^{14}\})$	293533051392
6	$\mathcal{O}(4; \{2^4, 3^8, 6^{14}\})$	2348274488832
6	$\mathcal{O}(4; \{3^{11}, 6^{14}\})$	18786185832960
6	$\mathcal{O}(4; \{2^{13}, 6^{15}\})$	18344765952
6	$\mathcal{O}(4; \{2^9, 3^3, 6^{15}\})$	146768205312
6	$\mathcal{O}(4; \{2^5, 3^6, 6^{15}\})$	1174135564800
6	$\mathcal{O}(4; \{2, 3^9, 6^{15}\})$	9393094596096
6	$\mathcal{O}(4; \{2^{10}, 3, 6^{16}\})$	73382423040
6	$\mathcal{O}(4; \{2^6, 3^4, 6^{16}\})$	587069462016
6	$\mathcal{O}(4; \{2^2, 3^7, 6^{16}\})$	4696545618432
6	$\mathcal{O}(4; \{2^7, 3^2, 6^{17}\})$	293533051392
6	$\mathcal{O}(4; \{2^3, 3^5, 6^{17}\})$	2348274488832
6	$\mathcal{O}(4; \{2^8, 6^{18}\})$	146768205312
6	$\mathcal{O}(4; \{2^4, 3^3, 6^{18}\})$	1174135564800
6	$\mathcal{O}(4; \{3^6, 6^{18}\})$	9393094596096

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^5, 3, 6^{19}\})$	587069462016
6	$\mathcal{O}(4; \{2, 3^4, 6^{19}\})$	4696545618432
6	$\mathcal{O}(4; \{2^2, 3^2, 6^{20}\})$	2348274488832
6	$\mathcal{O}(4; \{2^3, 6^{21}\})$	1174135564800
6	$\mathcal{O}(4; \{3, 6^{22}\})$	4696545618432
6	$\mathcal{O}(3; \{2^{42}\})$	46592
6	$\mathcal{O}(3; \{2^{38}, 3^3\})$	93312
6	$\mathcal{O}(3; \{2^{34}, 3^6\})$	1026432
6	$\mathcal{O}(3; \{2^{30}, 3^9\})$	7931520
6	$\mathcal{O}(3; \{2^{26}, 3^{12}\})$	63732096
6	$\mathcal{O}(3; \{2^{22}, 3^{15}\})$	509576832
6	$\mathcal{O}(3; \{2^{18}, 3^{18}\})$	4076894592
6	$\mathcal{O}(3; \{2^{14}, 3^{21}\})$	32614876800
6	$\mathcal{O}(3; \{2^{10}, 3^{24}\})$	260919294336
6	$\mathcal{O}(3; \{2^6, 3^{27}\})$	2087354074752
6	$\mathcal{O}(3; \{2^2, 3^{30}\})$	16698832877952
6	$\mathcal{O}(3; \{2^{39}, 3, 6\})$	93312
6	$\mathcal{O}(3; \{2^{35}, 3^4, 6\})$	466560
6	$\mathcal{O}(3; \{2^{31}, 3^7, 6\})$	4012416
6	$\mathcal{O}(3; \{2^{27}, 3^{10}, 6\})$	31819392
6	$\mathcal{O}(3; \{2^{23}, 3^{13}, 6\})$	254835072
6	$\mathcal{O}(3; \{2^{19}, 3^{16}, 6\})$	2038400640
6	$\mathcal{O}(3; \{2^{15}, 3^{19}, 6\})$	16307485056
6	$\mathcal{O}(3; \{2^{11}, 3^{22}, 6\})$	130459600512
6	$\mathcal{O}(3; \{2^7, 3^{25}, 6\})$	1043677084032
6	$\mathcal{O}(3; \{2^3, 3^{28}, 6\})$	8349416392320
6	$\mathcal{O}(3; \{2^{36}, 3^2, 6^2\})$	279936
6	$\mathcal{O}(3; \{2^{32}, 3^5, 6^2\})$	1959552
6	$\mathcal{O}(3; \{2^{28}, 3^8, 6^2\})$	15956352
6	$\mathcal{O}(3; \{2^{24}, 3^{11}, 6^2\})$	127370880
6	$\mathcal{O}(3; \{2^{20}, 3^{14}, 6^2\})$	1019246976
6	$\mathcal{O}(3; \{2^{16}, 3^{17}, 6^2\})$	8153695872
6	$\mathcal{O}(3; \{2^{12}, 3^{20}, 6^2\})$	65229846912
6	$\mathcal{O}(3; \{2^8, 3^{23}, 6^2\})$	521838495360
6	$\mathcal{O}(3; \{2^4, 3^{26}, 6^2\})$	4174708242816
6	$\mathcal{O}(3; \{3^{29}, 6^2\})$	33397665662592
6	$\mathcal{O}(3; \{2^{37}, 6^3\})$	93312
6	$\mathcal{O}(3; \{2^{33}, 3^3, 6^3\})$	1026432
6	$\mathcal{O}(3; \{2^{29}, 3^6, 6^3\})$	7931520
6	$\mathcal{O}(3; \{2^{25}, 3^9, 6^3\})$	63732096
6	$\mathcal{O}(3; \{2^{21}, 3^{12}, 6^3\})$	509576832
6	$\mathcal{O}(3; \{2^{17}, 3^{15}, 6^3\})$	4076894592
6	$\mathcal{O}(3; \{2^{13}, 3^{18}, 6^3\})$	32614876800

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Table 6 – continued from previous page

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

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^2, 3^{20}, 6^8\})$	4174708242816
6	$\mathcal{O}(3; \{2^{27}, 6^9\})$	7931520
6	$\mathcal{O}(3; \{2^{23}, 3^3, 6^9\})$	63732096
6	$\mathcal{O}(3; \{2^{19}, 3^6, 6^9\})$	509576832
6	$\mathcal{O}(3; \{2^{15}, 3^9, 6^9\})$	4076894592
6	$\mathcal{O}(3; \{2^{11}, 3^{12}, 6^9\})$	32614876800
6	$\mathcal{O}(3; \{2^7, 3^{15}, 6^9\})$	260919294336
6	$\mathcal{O}(3; \{2^3, 3^{18}, 6^9\})$	2087354074752
6	$\mathcal{O}(3; \{2^{24}, 3, 6^{10}\})$	31819392
6	$\mathcal{O}(3; \{2^{20}, 3^4, 6^{10}\})$	254835072
6	$\mathcal{O}(3; \{2^{16}, 3^7, 6^{10}\})$	2038400640
6	$\mathcal{O}(3; \{2^{12}, 3^{10}, 6^{10}\})$	16307485056
6	$\mathcal{O}(3; \{2^8, 3^{13}, 6^{10}\})$	130459600512
6	$\mathcal{O}(3; \{2^4, 3^{16}, 6^{10}\})$	1043677084032
6	$\mathcal{O}(3; \{3^{19}, 6^{10}\})$	8349416392320
6	$\mathcal{O}(3; \{2^{21}, 3^2, 6^{11}\})$	127370880
6	$\mathcal{O}(3; \{2^{17}, 3^5, 6^{11}\})$	1019246976
6	$\mathcal{O}(3; \{2^{13}, 3^8, 6^{11}\})$	8153695872
6	$\mathcal{O}(3; \{2^9, 3^{11}, 6^{11}\})$	65229846912
6	$\mathcal{O}(3; \{2^5, 3^{14}, 6^{11}\})$	521838495360
6	$\mathcal{O}(3; \{2, 3^{17}, 6^{11}\})$	4174708242816
6	$\mathcal{O}(3; \{2^{22}, 6^{12}\})$	63732096
6	$\mathcal{O}(3; \{2^{18}, 3^3, 6^{12}\})$	509576832
6	$\mathcal{O}(3; \{2^{14}, 3^6, 6^{12}\})$	4076894592
6	$\mathcal{O}(3; \{2^{10}, 3^9, 6^{12}\})$	32614876800
6	$\mathcal{O}(3; \{2^6, 3^{12}, 6^{12}\})$	260919294336
6	$\mathcal{O}(3; \{2^2, 3^{15}, 6^{12}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{19}, 3, 6^{13}\})$	254835072
6	$\mathcal{O}(3; \{2^{15}, 3^4, 6^{13}\})$	2038400640
6	$\mathcal{O}(3; \{2^{11}, 3^7, 6^{13}\})$	16307485056
6	$\mathcal{O}(3; \{2^7, 3^{10}, 6^{13}\})$	130459600512
6	$\mathcal{O}(3; \{2^3, 3^{13}, 6^{13}\})$	1043677084032
6	$\mathcal{O}(3; \{2^{16}, 3^2, 6^{14}\})$	1019246976
6	$\mathcal{O}(3; \{2^{12}, 3^5, 6^{14}\})$	8153695872
6	$\mathcal{O}(3; \{2^8, 3^8, 6^{14}\})$	65229846912
6	$\mathcal{O}(3; \{2^4, 3^{11}, 6^{14}\})$	521838495360
6	$\mathcal{O}(3; \{3^{14}, 6^{14}\})$	4174708242816
6	$\mathcal{O}(3; \{2^{17}, 6^{15}\})$	509576832
6	$\mathcal{O}(3; \{2^{13}, 3^3, 6^{15}\})$	4076894592
6	$\mathcal{O}(3; \{2^9, 3^6, 6^{15}\})$	32614876800
6	$\mathcal{O}(3; \{2^5, 3^9, 6^{15}\})$	260919294336
6	$\mathcal{O}(3; \{2, 3^{12}, 6^{15}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{14}, 3, 6^{16}\})$	2038400640

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{10}, 3^4, 6^{16}\})$	16307485056
6	$\mathcal{O}(3; \{2^6, 3^7, 6^{16}\})$	130459600512
6	$\mathcal{O}(3; \{2^2, 3^{10}, 6^{16}\})$	1043677084032
6	$\mathcal{O}(3; \{2^{11}, 3^2, 6^{17}\})$	8153695872
6	$\mathcal{O}(3; \{2^7, 3^5, 6^{17}\})$	65229846912
6	$\mathcal{O}(3; \{2^3, 3^8, 6^{17}\})$	521838495360
6	$\mathcal{O}(3; \{2^{12}, 6^{18}\})$	4076894592
6	$\mathcal{O}(3; \{2^8, 3^3, 6^{18}\})$	32614876800
6	$\mathcal{O}(3; \{2^4, 3^6, 6^{18}\})$	260919294336
6	$\mathcal{O}(3; \{3^9, 6^{18}\})$	2087354074752
6	$\mathcal{O}(3; \{2^9, 3, 6^{19}\})$	16307485056
6	$\mathcal{O}(3; \{2^5, 3^4, 6^{19}\})$	130459600512
6	$\mathcal{O}(3; \{2, 3^7, 6^{19}\})$	1043677084032
6	$\mathcal{O}(3; \{2^6, 3^2, 6^{20}\})$	65229846912
6	$\mathcal{O}(3; \{2^2, 3^5, 6^{20}\})$	521838495360
6	$\mathcal{O}(3; \{2^7, 6^{21}\})$	32614876800
6	$\mathcal{O}(3; \{2^3, 3^3, 6^{21}\})$	260919294336
6	$\mathcal{O}(3; \{2^4, 3, 6^{22}\})$	130459600512
6	$\mathcal{O}(3; \{3^4, 6^{22}\})$	1043677084032
6	$\mathcal{O}(3; \{2, 3^2, 6^{23}\})$	521838495360
6	$\mathcal{O}(3; \{2^2, 6^{24}\})$	260919294336
6	$\mathcal{O}(2; \{2^{46}\})$	1280
6	$\mathcal{O}(2; \{2^{42}, 3^3\})$	2592
6	$\mathcal{O}(2; \{2^{38}, 3^6\})$	28512
6	$\mathcal{O}(2; \{2^{34}, 3^9\})$	220320
6	$\mathcal{O}(2; \{2^{30}, 3^{12}\})$	1770336
6	$\mathcal{O}(2; \{2^{26}, 3^{15}\})$	14154912
6	$\mathcal{O}(2; \{2^{22}, 3^{18}\})$	113247072
6	$\mathcal{O}(2; \{2^{18}, 3^{21}\})$	905968800
6	$\mathcal{O}(2; \{2^{14}, 3^{24}\})$	7247758176
6	$\mathcal{O}(2; \{2^{10}, 3^{27}\})$	57982057632
6	$\mathcal{O}(2; \{2^6, 3^{30}\})$	463856468832
6	$\mathcal{O}(2; \{2^2, 3^{33}\})$	3710851742880
6	$\mathcal{O}(2; \{2^{43}, 3, 6\})$	2592
6	$\mathcal{O}(2; \{2^{39}, 3^4, 6\})$	12960
6	$\mathcal{O}(2; \{2^{35}, 3^7, 6\})$	111456
6	$\mathcal{O}(2; \{2^{31}, 3^{10}, 6\})$	883872
6	$\mathcal{O}(2; \{2^{27}, 3^{13}, 6\})$	7078752
6	$\mathcal{O}(2; \{2^{23}, 3^{16}, 6\})$	56622240
6	$\mathcal{O}(2; \{2^{19}, 3^{19}, 6\})$	452985696
6	$\mathcal{O}(2; \{2^{15}, 3^{22}, 6\})$	3623877792
6	$\mathcal{O}(2; \{2^{11}, 3^{25}, 6\})$	28991030112
6	$\mathcal{O}(2; \{2^7, 3^{28}, 6\})$	231928233120

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Table 6 – continued from previous page

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

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Table 6 – continued from previous page

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

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{21}, 3^5, 6^{11}\})$	28312416
6	$\mathcal{O}(2; \{2^{17}, 3^8, 6^{11}\})$	226491552
6	$\mathcal{O}(2; \{2^{13}, 3^{11}, 6^{11}\})$	1811940192
6	$\mathcal{O}(2; \{2^9, 3^{14}, 6^{11}\})$	14495513760
6	$\mathcal{O}(2; \{2^5, 3^{17}, 6^{11}\})$	115964117856
6	$\mathcal{O}(2; \{2, 3^{20}, 6^{11}\})$	927712935072
6	$\mathcal{O}(2; \{2^{26}, 6^{12}\})$	1770336
6	$\mathcal{O}(2; \{2^{22}, 3^3, 6^{12}\})$	14154912
6	$\mathcal{O}(2; \{2^{18}, 3^6, 6^{12}\})$	113247072
6	$\mathcal{O}(2; \{2^{14}, 3^9, 6^{12}\})$	905968800
6	$\mathcal{O}(2; \{2^{10}, 3^{12}, 6^{12}\})$	7247758176
6	$\mathcal{O}(2; \{2^6, 3^{15}, 6^{12}\})$	57982057632
6	$\mathcal{O}(2; \{2^2, 3^{18}, 6^{12}\})$	463856468832
6	$\mathcal{O}(2; \{2^{23}, 3, 6^{13}\})$	7078752
6	$\mathcal{O}(2; \{2^{19}, 3^4, 6^{13}\})$	56622240
6	$\mathcal{O}(2; \{2^{15}, 3^7, 6^{13}\})$	452985696
6	$\mathcal{O}(2; \{2^{11}, 3^{10}, 6^{13}\})$	3623877792
6	$\mathcal{O}(2; \{2^7, 3^{13}, 6^{13}\})$	28991030112
6	$\mathcal{O}(2; \{2^3, 3^{16}, 6^{13}\})$	231928233120
6	$\mathcal{O}(2; \{2^{20}, 3^2, 6^{14}\})$	28312416
6	$\mathcal{O}(2; \{2^{16}, 3^5, 6^{14}\})$	226491552
6	$\mathcal{O}(2; \{2^{12}, 3^8, 6^{14}\})$	1811940192
6	$\mathcal{O}(2; \{2^8, 3^{11}, 6^{14}\})$	14495513760
6	$\mathcal{O}(2; \{2^4, 3^{14}, 6^{14}\})$	115964117856
6	$\mathcal{O}(2; \{3^{17}, 6^{14}\})$	927712935072
6	$\mathcal{O}(2; \{2^{21}, 6^{15}\})$	14154912
6	$\mathcal{O}(2; \{2^{17}, 3^3, 6^{15}\})$	113247072
6	$\mathcal{O}(2; \{2^{13}, 3^6, 6^{15}\})$	905968800
6	$\mathcal{O}(2; \{2^9, 3^9, 6^{15}\})$	7247758176
6	$\mathcal{O}(2; \{2^5, 3^{12}, 6^{15}\})$	57982057632
6	$\mathcal{O}(2; \{2, 3^{15}, 6^{15}\})$	463856468832
6	$\mathcal{O}(2; \{2^{18}, 3, 6^{16}\})$	56622240
6	$\mathcal{O}(2; \{2^{14}, 3^4, 6^{16}\})$	452985696
6	$\mathcal{O}(2; \{2^{10}, 3^7, 6^{16}\})$	3623877792
6	$\mathcal{O}(2; \{2^6, 3^{10}, 6^{16}\})$	28991030112
6	$\mathcal{O}(2; \{2^2, 3^{13}, 6^{16}\})$	231928233120
6	$\mathcal{O}(2; \{2^{15}, 3^2, 6^{17}\})$	226491552
6	$\mathcal{O}(2; \{2^{11}, 3^5, 6^{17}\})$	1811940192
6	$\mathcal{O}(2; \{2^7, 3^8, 6^{17}\})$	14495513760
6	$\mathcal{O}(2; \{2^3, 3^{11}, 6^{17}\})$	115964117856
6	$\mathcal{O}(2; \{2^{16}, 6^{18}\})$	113247072
6	$\mathcal{O}(2; \{2^{12}, 3^3, 6^{18}\})$	905968800
6	$\mathcal{O}(2; \{2^8, 3^6, 6^{18}\})$	7247758176

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^4, 3^9, 6^{18}\})$	57982057632
6	$\mathcal{O}(2; \{3^{12}, 6^{18}\})$	463856468832
6	$\mathcal{O}(2; \{2^{13}, 3, 6^{19}\})$	452985696
6	$\mathcal{O}(2; \{2^9, 3^4, 6^{19}\})$	3623877792
6	$\mathcal{O}(2; \{2^5, 3^7, 6^{19}\})$	28991030112
6	$\mathcal{O}(2; \{2, 3^{10}, 6^{19}\})$	231928233120
6	$\mathcal{O}(2; \{2^{10}, 3^2, 6^{20}\})$	1811940192
6	$\mathcal{O}(2; \{2^6, 3^5, 6^{20}\})$	14495513760
6	$\mathcal{O}(2; \{2^2, 3^8, 6^{20}\})$	115964117856
6	$\mathcal{O}(2; \{2^{11}, 6^{21}\})$	905968800
6	$\mathcal{O}(2; \{2^7, 3^3, 6^{21}\})$	7247758176
6	$\mathcal{O}(2; \{2^3, 3^6, 6^{21}\})$	57982057632
6	$\mathcal{O}(2; \{2^8, 3, 6^{22}\})$	3623877792
6	$\mathcal{O}(2; \{2^4, 3^4, 6^{22}\})$	28991030112
6	$\mathcal{O}(2; \{3^7, 6^{22}\})$	231928233120
6	$\mathcal{O}(2; \{2^5, 3^2, 6^{23}\})$	14495513760
6	$\mathcal{O}(2; \{2, 3^5, 6^{23}\})$	115964117856
6	$\mathcal{O}(2; \{2^6, 6^{24}\})$	7247758176
6	$\mathcal{O}(2; \{2^2, 3^3, 6^{24}\})$	57982057632
6	$\mathcal{O}(2; \{2^3, 3, 6^{25}\})$	28991030112
6	$\mathcal{O}(2; \{3^2, 6^{26}\})$	115964117856
6	$\mathcal{O}(2; \{2, 6^{27}\})$	57982057632
6	$\mathcal{O}(1; \{2^{50}\})$	32
6	$\mathcal{O}(1; \{2^{46}, 3^3\})$	72
6	$\mathcal{O}(1; \{2^{42}, 3^6\})$	792
6	$\mathcal{O}(1; \{2^{38}, 3^9\})$	6120
6	$\mathcal{O}(1; \{2^{34}, 3^{12}\})$	49176
6	$\mathcal{O}(1; \{2^{30}, 3^{15}\})$	393192
6	$\mathcal{O}(1; \{2^{26}, 3^{18}\})$	3145752
6	$\mathcal{O}(1; \{2^{22}, 3^{21}\})$	25165800
6	$\mathcal{O}(1; \{2^{18}, 3^{24}\})$	201326616
6	$\mathcal{O}(1; \{2^{14}, 3^{27}\})$	1610612712
6	$\mathcal{O}(1; \{2^{10}, 3^{30}\})$	12884901912
6	$\mathcal{O}(1; \{2^6, 3^{33}\})$	103079215080
6	$\mathcal{O}(1; \{2^2, 3^{36}\})$	824633720856
6	$\mathcal{O}(1; \{2^{47}, 3, 6\})$	72
6	$\mathcal{O}(1; \{2^{43}, 3^4, 6\})$	360
6	$\mathcal{O}(1; \{2^{39}, 3^7, 6\})$	3096
6	$\mathcal{O}(1; \{2^{35}, 3^{10}, 6\})$	24552
6	$\mathcal{O}(1; \{2^{31}, 3^{13}, 6\})$	196632
6	$\mathcal{O}(1; \{2^{27}, 3^{16}, 6\})$	1572840
6	$\mathcal{O}(1; \{2^{23}, 3^{19}, 6\})$	12582936
6	$\mathcal{O}(1; \{2^{19}, 3^{22}, 6\})$	100663272

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{15}, 3^{25}, 6\})$	805306392
6	$\mathcal{O}(1; \{2^{11}, 3^{28}, 6\})$	6442450920
6	$\mathcal{O}(1; \{2^7, 3^{31}, 6\})$	51539607576
6	$\mathcal{O}(1; \{2^3, 3^{34}, 6\})$	412316860392
6	$\mathcal{O}(1; \{2^{44}, 3^2, 6^2\})$	216
6	$\mathcal{O}(1; \{2^{40}, 3^5, 6^2\})$	1512
6	$\mathcal{O}(1; \{2^{36}, 3^8, 6^2\})$	12312
6	$\mathcal{O}(1; \{2^{32}, 3^{11}, 6^2\})$	98280
6	$\mathcal{O}(1; \{2^{28}, 3^{14}, 6^2\})$	786456
6	$\mathcal{O}(1; \{2^{24}, 3^{17}, 6^2\})$	6291432
6	$\mathcal{O}(1; \{2^{20}, 3^{20}, 6^2\})$	50331672
6	$\mathcal{O}(1; \{2^{16}, 3^{23}, 6^2\})$	402653160
6	$\mathcal{O}(1; \{2^{12}, 3^{26}, 6^2\})$	3221225496
6	$\mathcal{O}(1; \{2^8, 3^{29}, 6^2\})$	25769803752
6	$\mathcal{O}(1; \{2^4, 3^{32}, 6^2\})$	206158430232
6	$\mathcal{O}(1; \{3^{35}, 6^2\})$	1649267441640
6	$\mathcal{O}(1; \{2^{45}, 6^3\})$	72
6	$\mathcal{O}(1; \{2^{41}, 3^3, 6^3\})$	792
6	$\mathcal{O}(1; \{2^{37}, 3^6, 6^3\})$	6120
6	$\mathcal{O}(1; \{2^{33}, 3^9, 6^3\})$	49176
6	$\mathcal{O}(1; \{2^{29}, 3^{12}, 6^3\})$	393192
6	$\mathcal{O}(1; \{2^{25}, 3^{15}, 6^3\})$	3145752
6	$\mathcal{O}(1; \{2^{21}, 3^{18}, 6^3\})$	25165800
6	$\mathcal{O}(1; \{2^{17}, 3^{21}, 6^3\})$	201326616
6	$\mathcal{O}(1; \{2^{13}, 3^{24}, 6^3\})$	1610612712
6	$\mathcal{O}(1; \{2^9, 3^{27}, 6^3\})$	12884901912
6	$\mathcal{O}(1; \{2^5, 3^{30}, 6^3\})$	103079215080
6	$\mathcal{O}(1; \{2, 3^{33}, 6^3\})$	824633720856
6	$\mathcal{O}(1; \{2^{42}, 3, 6^4\})$	360
6	$\mathcal{O}(1; \{2^{38}, 3^4, 6^4\})$	3096
6	$\mathcal{O}(1; \{2^{34}, 3^7, 6^4\})$	24552
6	$\mathcal{O}(1; \{2^{30}, 3^{10}, 6^4\})$	196632
6	$\mathcal{O}(1; \{2^{26}, 3^{13}, 6^4\})$	1572840
6	$\mathcal{O}(1; \{2^{22}, 3^{16}, 6^4\})$	12582936
6	$\mathcal{O}(1; \{2^{18}, 3^{19}, 6^4\})$	100663272
6	$\mathcal{O}(1; \{2^{14}, 3^{22}, 6^4\})$	805306392
6	$\mathcal{O}(1; \{2^{10}, 3^{25}, 6^4\})$	6442450920
6	$\mathcal{O}(1; \{2^6, 3^{28}, 6^4\})$	51539607576
6	$\mathcal{O}(1; \{2^2, 3^{31}, 6^4\})$	412316860392
6	$\mathcal{O}(1; \{2^{39}, 3^2, 6^5\})$	1512
6	$\mathcal{O}(1; \{2^{35}, 3^5, 6^5\})$	12312
6	$\mathcal{O}(1; \{2^{31}, 3^8, 6^5\})$	98280
6	$\mathcal{O}(1; \{2^{27}, 3^{11}, 6^5\})$	786456

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{23}, 3^{14}, 6^5\})$	6291432
6	$\mathcal{O}(1; \{2^{19}, 3^{17}, 6^5\})$	50331672
6	$\mathcal{O}(1; \{2^{15}, 3^{20}, 6^5\})$	402653160
6	$\mathcal{O}(1; \{2^{11}, 3^{23}, 6^5\})$	3221225496
6	$\mathcal{O}(1; \{2^7, 3^{26}, 6^5\})$	25769803752
6	$\mathcal{O}(1; \{2^3, 3^{29}, 6^5\})$	206158430232
6	$\mathcal{O}(1; \{2^{40}, 6^6\})$	792
6	$\mathcal{O}(1; \{2^{36}, 3^3, 6^6\})$	6120
6	$\mathcal{O}(1; \{2^{32}, 3^6, 6^6\})$	49176
6	$\mathcal{O}(1; \{2^{28}, 3^9, 6^6\})$	393192
6	$\mathcal{O}(1; \{2^{24}, 3^{12}, 6^6\})$	3145752
6	$\mathcal{O}(1; \{2^{20}, 3^{15}, 6^6\})$	25165800
6	$\mathcal{O}(1; \{2^{16}, 3^{18}, 6^6\})$	201326616
6	$\mathcal{O}(1; \{2^{12}, 3^{21}, 6^6\})$	1610612712
6	$\mathcal{O}(1; \{2^8, 3^{24}, 6^6\})$	12884901912
6	$\mathcal{O}(1; \{2^4, 3^{27}, 6^6\})$	103079215080
6	$\mathcal{O}(1; \{3^{30}, 6^6\})$	824633720856
6	$\mathcal{O}(1; \{2^{37}, 3, 6^7\})$	3096
6	$\mathcal{O}(1; \{2^{33}, 3^4, 6^7\})$	24552
6	$\mathcal{O}(1; \{2^{29}, 3^7, 6^7\})$	196632
6	$\mathcal{O}(1; \{2^{25}, 3^{10}, 6^7\})$	1572840
6	$\mathcal{O}(1; \{2^{21}, 3^{13}, 6^7\})$	12582936
6	$\mathcal{O}(1; \{2^{17}, 3^{16}, 6^7\})$	100663272
6	$\mathcal{O}(1; \{2^{13}, 3^{19}, 6^7\})$	805306392
6	$\mathcal{O}(1; \{2^9, 3^{22}, 6^7\})$	6442450920
6	$\mathcal{O}(1; \{2^5, 3^{25}, 6^7\})$	51539607576
6	$\mathcal{O}(1; \{2, 3^{28}, 6^7\})$	412316860392
6	$\mathcal{O}(1; \{2^{34}, 3^2, 6^8\})$	12312
6	$\mathcal{O}(1; \{2^{30}, 3^5, 6^8\})$	98280
6	$\mathcal{O}(1; \{2^{26}, 3^8, 6^8\})$	786456
6	$\mathcal{O}(1; \{2^{22}, 3^{11}, 6^8\})$	6291432
6	$\mathcal{O}(1; \{2^{18}, 3^{14}, 6^8\})$	50331672
6	$\mathcal{O}(1; \{2^{14}, 3^{17}, 6^8\})$	402653160
6	$\mathcal{O}(1; \{2^{10}, 3^{20}, 6^8\})$	3221225496
6	$\mathcal{O}(1; \{2^6, 3^{23}, 6^8\})$	25769803752
6	$\mathcal{O}(1; \{2^2, 3^{26}, 6^8\})$	206158430232
6	$\mathcal{O}(1; \{2^{35}, 6^9\})$	6120
6	$\mathcal{O}(1; \{2^{31}, 3^3, 6^9\})$	49176
6	$\mathcal{O}(1; \{2^{27}, 3^6, 6^9\})$	393192
6	$\mathcal{O}(1; \{2^{23}, 3^9, 6^9\})$	3145752
6	$\mathcal{O}(1; \{2^{19}, 3^{12}, 6^9\})$	25165800
6	$\mathcal{O}(1; \{2^{15}, 3^{15}, 6^9\})$	201326616
6	$\mathcal{O}(1; \{2^{11}, 3^{18}, 6^9\})$	1610612712

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Table 6 – continued from previous page

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

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{17}, 3^6, 6^{15}\})$	25165800
6	$\mathcal{O}(1; \{2^{13}, 3^9, 6^{15}\})$	201326616
6	$\mathcal{O}(1; \{2^9, 3^{12}, 6^{15}\})$	1610612712
6	$\mathcal{O}(1; \{2^5, 3^{15}, 6^{15}\})$	12884901912
6	$\mathcal{O}(1; \{2, 3^{18}, 6^{15}\})$	103079215080
6	$\mathcal{O}(1; \{2^{22}, 3, 6^{16}\})$	1572840
6	$\mathcal{O}(1; \{2^{18}, 3^4, 6^{16}\})$	12582936
6	$\mathcal{O}(1; \{2^{14}, 3^7, 6^{16}\})$	100663272
6	$\mathcal{O}(1; \{2^{10}, 3^{10}, 6^{16}\})$	805306392
6	$\mathcal{O}(1; \{2^6, 3^{13}, 6^{16}\})$	6442450920
6	$\mathcal{O}(1; \{2^2, 3^{16}, 6^{16}\})$	51539607576
6	$\mathcal{O}(1; \{2^{19}, 3^2, 6^{17}\})$	6291432
6	$\mathcal{O}(1; \{2^{15}, 3^5, 6^{17}\})$	50331672
6	$\mathcal{O}(1; \{2^{11}, 3^8, 6^{17}\})$	402653160
6	$\mathcal{O}(1; \{2^7, 3^{11}, 6^{17}\})$	3221225496
6	$\mathcal{O}(1; \{2^3, 3^{14}, 6^{17}\})$	25769803752
6	$\mathcal{O}(1; \{2^{20}, 6^{18}\})$	3145752
6	$\mathcal{O}(1; \{2^{16}, 3^3, 6^{18}\})$	25165800
6	$\mathcal{O}(1; \{2^{12}, 3^6, 6^{18}\})$	201326616
6	$\mathcal{O}(1; \{2^8, 3^9, 6^{18}\})$	1610612712
6	$\mathcal{O}(1; \{2^4, 3^{12}, 6^{18}\})$	12884901912
6	$\mathcal{O}(1; \{3^{15}, 6^{18}\})$	103079215080
6	$\mathcal{O}(1; \{2^{17}, 3, 6^{19}\})$	12582936
6	$\mathcal{O}(1; \{2^{13}, 3^4, 6^{19}\})$	100663272
6	$\mathcal{O}(1; \{2^9, 3^7, 6^{19}\})$	805306392
6	$\mathcal{O}(1; \{2^5, 3^{10}, 6^{19}\})$	6442450920
6	$\mathcal{O}(1; \{2, 3^{13}, 6^{19}\})$	51539607576
6	$\mathcal{O}(1; \{2^{14}, 3^2, 6^{20}\})$	50331672
6	$\mathcal{O}(1; \{2^{10}, 3^5, 6^{20}\})$	402653160
6	$\mathcal{O}(1; \{2^6, 3^8, 6^{20}\})$	3221225496
6	$\mathcal{O}(1; \{2^2, 3^{11}, 6^{20}\})$	25769803752
6	$\mathcal{O}(1; \{2^{15}, 6^{21}\})$	25165800
6	$\mathcal{O}(1; \{2^{11}, 3^3, 6^{21}\})$	201326616
6	$\mathcal{O}(1; \{2^7, 3^6, 6^{21}\})$	1610612712
6	$\mathcal{O}(1; \{2^3, 3^9, 6^{21}\})$	12884901912
6	$\mathcal{O}(1; \{2^{12}, 3, 6^{22}\})$	100663272
6	$\mathcal{O}(1; \{2^8, 3^4, 6^{22}\})$	805306392
6	$\mathcal{O}(1; \{2^4, 3^7, 6^{22}\})$	6442450920
6	$\mathcal{O}(1; \{3^{10}, 6^{22}\})$	51539607576
6	$\mathcal{O}(1; \{2^9, 3^2, 6^{23}\})$	402653160
6	$\mathcal{O}(1; \{2^5, 3^5, 6^{23}\})$	3221225496
6	$\mathcal{O}(1; \{2, 3^8, 6^{23}\})$	25769803752
6	$\mathcal{O}(1; \{2^{10}, 6^{24}\})$	201326616

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^6, 3^3, 6^{24}\})$	1610612712
6	$\mathcal{O}(1; \{2^2, 3^6, 6^{24}\})$	12884901912
6	$\mathcal{O}(1; \{2^7, 3, 6^{25}\})$	805306392
6	$\mathcal{O}(1; \{2^3, 3^4, 6^{25}\})$	6442450920
6	$\mathcal{O}(1; \{2^4, 3^2, 6^{26}\})$	3221225496
6	$\mathcal{O}(1; \{3^5, 6^{26}\})$	25769803752
6	$\mathcal{O}(1; \{2^5, 6^{27}\})$	1610612712
6	$\mathcal{O}(1; \{2, 3^3, 6^{27}\})$	12884901912
6	$\mathcal{O}(1; \{2^2, 3, 6^{28}\})$	6442450920
6	$\mathcal{O}(1; \{6^{30}\})$	12884901912
6	$\mathcal{O}(0; \{2^{50}, 3^3\})$	2
6	$\mathcal{O}(0; \{2^{46}, 3^6\})$	22
6	$\mathcal{O}(0; \{2^{42}, 3^9\})$	170
6	$\mathcal{O}(0; \{2^{38}, 3^{12}\})$	1366
6	$\mathcal{O}(0; \{2^{34}, 3^{15}\})$	10922
6	$\mathcal{O}(0; \{2^{30}, 3^{18}\})$	87382
6	$\mathcal{O}(0; \{2^{26}, 3^{21}\})$	699050
6	$\mathcal{O}(0; \{2^{22}, 3^{24}\})$	5592406
6	$\mathcal{O}(0; \{2^{18}, 3^{27}\})$	44739242
6	$\mathcal{O}(0; \{2^{14}, 3^{30}\})$	357913942
6	$\mathcal{O}(0; \{2^{10}, 3^{33}\})$	2863311530
6	$\mathcal{O}(0; \{2^6, 3^{36}\})$	22906492246
6	$\mathcal{O}(0; \{2^2, 3^{39}\})$	183251937962
6	$\mathcal{O}(0; \{2^{51}, 3, 6\})$	2
6	$\mathcal{O}(0; \{2^{47}, 3^4, 6\})$	10
6	$\mathcal{O}(0; \{2^{43}, 3^7, 6\})$	86
6	$\mathcal{O}(0; \{2^{39}, 3^{10}, 6\})$	682
6	$\mathcal{O}(0; \{2^{35}, 3^{13}, 6\})$	5462
6	$\mathcal{O}(0; \{2^{31}, 3^{16}, 6\})$	43690
6	$\mathcal{O}(0; \{2^{27}, 3^{19}, 6\})$	349526
6	$\mathcal{O}(0; \{2^{23}, 3^{22}, 6\})$	2796202
6	$\mathcal{O}(0; \{2^{19}, 3^{25}, 6\})$	22369622
6	$\mathcal{O}(0; \{2^{15}, 3^{28}, 6\})$	178956970
6	$\mathcal{O}(0; \{2^{11}, 3^{31}, 6\})$	1431655766
6	$\mathcal{O}(0; \{2^7, 3^{34}, 6\})$	11453246122
6	$\mathcal{O}(0; \{2^3, 3^{37}, 6\})$	91625968982
6	$\mathcal{O}(0; \{2^{48}, 3^2, 6^2\})$	6
6	$\mathcal{O}(0; \{2^{44}, 3^5, 6^2\})$	42
6	$\mathcal{O}(0; \{2^{40}, 3^8, 6^2\})$	342
6	$\mathcal{O}(0; \{2^{36}, 3^{11}, 6^2\})$	2730
6	$\mathcal{O}(0; \{2^{32}, 3^{14}, 6^2\})$	21846
6	$\mathcal{O}(0; \{2^{28}, 3^{17}, 6^2\})$	174762
6	$\mathcal{O}(0; \{2^{24}, 3^{20}, 6^2\})$	1398102

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Table 6 – continued from previous page

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

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Table 6 – continued from previous page

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

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Table 6 – continued from previous page

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

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{29}, 6^{15}\})$	10922
6	$\mathcal{O}(0; \{2^{25}, 3^3, 6^{15}\})$	87382
6	$\mathcal{O}(0; \{2^{21}, 3^6, 6^{15}\})$	699050
6	$\mathcal{O}(0; \{2^{17}, 3^9, 6^{15}\})$	5592406
6	$\mathcal{O}(0; \{2^{13}, 3^{12}, 6^{15}\})$	44739242
6	$\mathcal{O}(0; \{2^9, 3^{15}, 6^{15}\})$	357913942
6	$\mathcal{O}(0; \{2^5, 3^{18}, 6^{15}\})$	2863311530
6	$\mathcal{O}(0; \{2, 3^{21}, 6^{15}\})$	22906492246
6	$\mathcal{O}(0; \{2^{26}, 3, 6^{16}\})$	43690
6	$\mathcal{O}(0; \{2^{22}, 3^4, 6^{16}\})$	349526
6	$\mathcal{O}(0; \{2^{18}, 3^7, 6^{16}\})$	2796202
6	$\mathcal{O}(0; \{2^{14}, 3^{10}, 6^{16}\})$	22369622
6	$\mathcal{O}(0; \{2^{10}, 3^{13}, 6^{16}\})$	178956970
6	$\mathcal{O}(0; \{2^6, 3^{16}, 6^{16}\})$	1431655766
6	$\mathcal{O}(0; \{2^2, 3^{19}, 6^{16}\})$	11453246122
6	$\mathcal{O}(0; \{2^{23}, 3^2, 6^{17}\})$	174762
6	$\mathcal{O}(0; \{2^{19}, 3^5, 6^{17}\})$	1398102
6	$\mathcal{O}(0; \{2^{15}, 3^8, 6^{17}\})$	11184810
6	$\mathcal{O}(0; \{2^{11}, 3^{11}, 6^{17}\})$	89478486
6	$\mathcal{O}(0; \{2^7, 3^{14}, 6^{17}\})$	715827882
6	$\mathcal{O}(0; \{2^3, 3^{17}, 6^{17}\})$	5726623062
6	$\mathcal{O}(0; \{2^{24}, 6^{18}\})$	87382
6	$\mathcal{O}(0; \{2^{20}, 3^3, 6^{18}\})$	699050
6	$\mathcal{O}(0; \{2^{16}, 3^6, 6^{18}\})$	5592406
6	$\mathcal{O}(0; \{2^{12}, 3^9, 6^{18}\})$	44739242
6	$\mathcal{O}(0; \{2^8, 3^{12}, 6^{18}\})$	357913942
6	$\mathcal{O}(0; \{2^4, 3^{15}, 6^{18}\})$	2863311530
6	$\mathcal{O}(0; \{3^{18}, 6^{18}\})$	22906492246
6	$\mathcal{O}(0; \{2^{21}, 3, 6^{19}\})$	349526
6	$\mathcal{O}(0; \{2^{17}, 3^4, 6^{19}\})$	2796202
6	$\mathcal{O}(0; \{2^{13}, 3^7, 6^{19}\})$	22369622
6	$\mathcal{O}(0; \{2^9, 3^{10}, 6^{19}\})$	178956970
6	$\mathcal{O}(0; \{2^5, 3^{13}, 6^{19}\})$	1431655766
6	$\mathcal{O}(0; \{2, 3^{16}, 6^{19}\})$	11453246122
6	$\mathcal{O}(0; \{2^{18}, 3^2, 6^{20}\})$	1398102
6	$\mathcal{O}(0; \{2^{14}, 3^5, 6^{20}\})$	11184810
6	$\mathcal{O}(0; \{2^{10}, 3^8, 6^{20}\})$	89478486
6	$\mathcal{O}(0; \{2^6, 3^{11}, 6^{20}\})$	715827882
6	$\mathcal{O}(0; \{2^2, 3^{14}, 6^{20}\})$	5726623062
6	$\mathcal{O}(0; \{2^{19}, 6^{21}\})$	699050
6	$\mathcal{O}(0; \{2^{15}, 3^3, 6^{21}\})$	5592406
6	$\mathcal{O}(0; \{2^{11}, 3^6, 6^{21}\})$	44739242
6	$\mathcal{O}(0; \{2^7, 3^9, 6^{21}\})$	357913942

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^3, 3^{12}, 6^{21}\})$	2863311530
6	$\mathcal{O}(0; \{2^{16}, 3, 6^{22}\})$	2796202
6	$\mathcal{O}(0; \{2^{12}, 3^4, 6^{22}\})$	22369622
6	$\mathcal{O}(0; \{2^8, 3^7, 6^{22}\})$	178956970
6	$\mathcal{O}(0; \{2^4, 3^{10}, 6^{22}\})$	1431655766
6	$\mathcal{O}(0; \{3^{13}, 6^{22}\})$	11453246122
6	$\mathcal{O}(0; \{2^{13}, 3^2, 6^{23}\})$	11184810
6	$\mathcal{O}(0; \{2^9, 3^5, 6^{23}\})$	89478486
6	$\mathcal{O}(0; \{2^5, 3^8, 6^{23}\})$	715827882
6	$\mathcal{O}(0; \{2, 3^{11}, 6^{23}\})$	5726623062
6	$\mathcal{O}(0; \{2^{14}, 6^{24}\})$	5592406
6	$\mathcal{O}(0; \{2^{10}, 3^3, 6^{24}\})$	44739242
6	$\mathcal{O}(0; \{2^6, 3^6, 6^{24}\})$	357913942
6	$\mathcal{O}(0; \{2^2, 3^9, 6^{24}\})$	2863311530
6	$\mathcal{O}(0; \{2^{11}, 3, 6^{25}\})$	22369622
6	$\mathcal{O}(0; \{2^7, 3^4, 6^{25}\})$	178956970
6	$\mathcal{O}(0; \{2^3, 3^7, 6^{25}\})$	1431655766
6	$\mathcal{O}(0; \{2^8, 3^2, 6^{26}\})$	89478486
6	$\mathcal{O}(0; \{2^4, 3^5, 6^{26}\})$	715827882
6	$\mathcal{O}(0; \{3^8, 6^{26}\})$	5726623062
6	$\mathcal{O}(0; \{2^9, 6^{27}\})$	44739242
6	$\mathcal{O}(0; \{2^5, 3^3, 6^{27}\})$	357913942
6	$\mathcal{O}(0; \{2, 3^6, 6^{27}\})$	2863311530
6	$\mathcal{O}(0; \{2^6, 3, 6^{28}\})$	178956970
6	$\mathcal{O}(0; \{2^2, 3^4, 6^{28}\})$	1431655766
6	$\mathcal{O}(0; \{2^3, 3^2, 6^{29}\})$	715827882
6	$\mathcal{O}(0; \{2^4, 6^{30}\})$	357913942
6	$\mathcal{O}(0; \{3^3, 6^{30}\})$	2863311530
6	$\mathcal{O}(0; \{2, 3, 6^{31}\})$	1431655766
7	$\mathcal{O}(10; \{7^4\})$	14841361531355832186
7	$\mathcal{O}(7; \{7^{11}\})$	35151047153078899350
7	$\mathcal{O}(4; \{7^{18}\})$	83638991394582259146
7	$\mathcal{O}(1; \{7^{25}\})$	199012016209507909590
8	$\mathcal{O}(9; \{2^2, 8^2\})$	72057594037927936
8	$\mathcal{O}(8; \{2^6, 8^2\})$	1125899906842624
8	$\mathcal{O}(8; \{2^3, 4^2, 8^2\})$	4503599627370496
8	$\mathcal{O}(8; \{4^4, 8^2\})$	18014398509481984
8	$\mathcal{O}(8; \{2, 4, 8^4\})$	36028797018963968
8	$\mathcal{O}(7; \{2^{10}, 8^2\})$	17592186044416
8	$\mathcal{O}(7; \{2^7, 4^2, 8^2\})$	70368744177664
8	$\mathcal{O}(7; \{2^4, 4^4, 8^2\})$	281474976710656
8	$\mathcal{O}(7; \{2, 4^6, 8^2\})$	1125899906842624
8	$\mathcal{O}(7; \{2^5, 4, 8^4\})$	562949953421312

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(7; \{2^2, 4^3, 8^4\})$	2251799813685248
8	$\mathcal{O}(7; \{2^3, 8^6\})$	4503599627370496
8	$\mathcal{O}(7; \{4^2, 8^6\})$	18014398509481984
8	$\mathcal{O}(6; \{2^{14}, 8^2\})$	274877906944
8	$\mathcal{O}(6; \{2^{11}, 4^2, 8^2\})$	1099511627776
8	$\mathcal{O}(6; \{2^8, 4^4, 8^2\})$	4398046511104
8	$\mathcal{O}(6; \{2^5, 4^6, 8^2\})$	17592186044416
8	$\mathcal{O}(6; \{2^2, 4^8, 8^2\})$	70368744177664
8	$\mathcal{O}(6; \{2^9, 4, 8^4\})$	8796093022208
8	$\mathcal{O}(6; \{2^6, 4^3, 8^4\})$	35184372088832
8	$\mathcal{O}(6; \{2^3, 4^5, 8^4\})$	140737488355328
8	$\mathcal{O}(6; \{4^7, 8^4\})$	562949953421312
8	$\mathcal{O}(6; \{2^7, 8^6\})$	70368744177664
8	$\mathcal{O}(6; \{2^4, 4^2, 8^6\})$	281474976710656
8	$\mathcal{O}(6; \{2, 4^4, 8^6\})$	1125899906842624
8	$\mathcal{O}(6; \{2^2, 4, 8^8\})$	2251799813685248
8	$\mathcal{O}(6; \{8^{10}\})$	18014398509481984
8	$\mathcal{O}(5; \{2^{18}, 8^2\})$	4294967296
8	$\mathcal{O}(5; \{2^{15}, 4^2, 8^2\})$	17179869184
8	$\mathcal{O}(5; \{2^{12}, 4^4, 8^2\})$	68719476736
8	$\mathcal{O}(5; \{2^9, 4^6, 8^2\})$	274877906944
8	$\mathcal{O}(5; \{2^6, 4^8, 8^2\})$	1099511627776
8	$\mathcal{O}(5; \{2^3, 4^{10}, 8^2\})$	4398046511104
8	$\mathcal{O}(5; \{4^{12}, 8^2\})$	17592186044416
8	$\mathcal{O}(5; \{2^{13}, 4, 8^4\})$	137438953472
8	$\mathcal{O}(5; \{2^{10}, 4^3, 8^4\})$	549755813888
8	$\mathcal{O}(5; \{2^7, 4^5, 8^4\})$	2199023255552
8	$\mathcal{O}(5; \{2^4, 4^7, 8^4\})$	8796093022208
8	$\mathcal{O}(5; \{2, 4^9, 8^4\})$	35184372088832
8	$\mathcal{O}(5; \{2^{11}, 8^6\})$	1099511627776
8	$\mathcal{O}(5; \{2^8, 4^2, 8^6\})$	4398046511104
8	$\mathcal{O}(5; \{2^5, 4^4, 8^6\})$	17592186044416
8	$\mathcal{O}(5; \{2^2, 4^6, 8^6\})$	70368744177664
8	$\mathcal{O}(5; \{2^6, 4, 8^8\})$	35184372088832
8	$\mathcal{O}(5; \{2^3, 4^3, 8^8\})$	140737488355328
8	$\mathcal{O}(5; \{4^5, 8^8\})$	562949953421312
8	$\mathcal{O}(5; \{2^4, 8^{10}\})$	281474976710656
8	$\mathcal{O}(5; \{2, 4^2, 8^{10}\})$	1125899906842624
8	$\mathcal{O}(4; \{2^{22}, 8^2\})$	67108864
8	$\mathcal{O}(4; \{2^{19}, 4^2, 8^2\})$	268435456
8	$\mathcal{O}(4; \{2^{16}, 4^4, 8^2\})$	1073741824
8	$\mathcal{O}(4; \{2^{13}, 4^6, 8^2\})$	4294967296
8	$\mathcal{O}(4; \{2^{10}, 4^8, 8^2\})$	17179869184

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{2^7, 4^{10}, 8^2\})$	68719476736
8	$\mathcal{O}(4; \{2^4, 4^{12}, 8^2\})$	274877906944
8	$\mathcal{O}(4; \{2, 4^{14}, 8^2\})$	1099511627776
8	$\mathcal{O}(4; \{2^{17}, 4, 8^4\})$	2147483648
8	$\mathcal{O}(4; \{2^{14}, 4^3, 8^4\})$	8589934592
8	$\mathcal{O}(4; \{2^{11}, 4^5, 8^4\})$	34359738368
8	$\mathcal{O}(4; \{2^8, 4^7, 8^4\})$	137438953472
8	$\mathcal{O}(4; \{2^5, 4^9, 8^4\})$	549755813888
8	$\mathcal{O}(4; \{2^2, 4^{11}, 8^4\})$	2199023255552
8	$\mathcal{O}(4; \{2^{15}, 8^6\})$	17179869184
8	$\mathcal{O}(4; \{2^{12}, 4^2, 8^6\})$	68719476736
8	$\mathcal{O}(4; \{2^9, 4^4, 8^6\})$	274877906944
8	$\mathcal{O}(4; \{2^6, 4^6, 8^6\})$	1099511627776
8	$\mathcal{O}(4; \{2^3, 4^8, 8^6\})$	4398046511104
8	$\mathcal{O}(4; \{4^{10}, 8^6\})$	17592186044416
8	$\mathcal{O}(4; \{2^{10}, 4, 8^8\})$	549755813888
8	$\mathcal{O}(4; \{2^7, 4^3, 8^8\})$	2199023255552
8	$\mathcal{O}(4; \{2^4, 4^5, 8^8\})$	8796093022208
8	$\mathcal{O}(4; \{2, 4^7, 8^8\})$	35184372088832
8	$\mathcal{O}(4; \{2^8, 8^{10}\})$	4398046511104
8	$\mathcal{O}(4; \{2^5, 4^2, 8^{10}\})$	17592186044416
8	$\mathcal{O}(4; \{2^2, 4^4, 8^{10}\})$	70368744177664
8	$\mathcal{O}(4; \{2^3, 4, 8^{12}\})$	140737488355328
8	$\mathcal{O}(4; \{4^3, 8^{12}\})$	562949953421312
8	$\mathcal{O}(4; \{2, 8^{14}\})$	1125899906842624
8	$\mathcal{O}(3; \{2^{26}, 8^2\})$	1048576
8	$\mathcal{O}(3; \{2^{23}, 4^2, 8^2\})$	4194304
8	$\mathcal{O}(3; \{2^{20}, 4^4, 8^2\})$	16777216
8	$\mathcal{O}(3; \{2^{17}, 4^6, 8^2\})$	67108864
8	$\mathcal{O}(3; \{2^{14}, 4^8, 8^2\})$	268435456
8	$\mathcal{O}(3; \{2^{11}, 4^{10}, 8^2\})$	1073741824
8	$\mathcal{O}(3; \{2^8, 4^{12}, 8^2\})$	4294967296
8	$\mathcal{O}(3; \{2^5, 4^{14}, 8^2\})$	17179869184
8	$\mathcal{O}(3; \{2^2, 4^{16}, 8^2\})$	68719476736
8	$\mathcal{O}(3; \{2^{21}, 4, 8^4\})$	33554432
8	$\mathcal{O}(3; \{2^{18}, 4^3, 8^4\})$	134217728
8	$\mathcal{O}(3; \{2^{15}, 4^5, 8^4\})$	536870912
8	$\mathcal{O}(3; \{2^{12}, 4^7, 8^4\})$	2147483648
8	$\mathcal{O}(3; \{2^9, 4^9, 8^4\})$	8589934592
8	$\mathcal{O}(3; \{2^6, 4^{11}, 8^4\})$	34359738368
8	$\mathcal{O}(3; \{2^3, 4^{13}, 8^4\})$	137438953472
8	$\mathcal{O}(3; \{4^{15}, 8^4\})$	549755813888
8	$\mathcal{O}(3; \{2^{19}, 8^6\})$	268435456

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{2^{16}, 4^2, 8^6\})$	1073741824
8	$\mathcal{O}(3; \{2^{13}, 4^4, 8^6\})$	4294967296
8	$\mathcal{O}(3; \{2^{10}, 4^6, 8^6\})$	17179869184
8	$\mathcal{O}(3; \{2^7, 4^8, 8^6\})$	68719476736
8	$\mathcal{O}(3; \{2^4, 4^{10}, 8^6\})$	274877906944
8	$\mathcal{O}(3; \{2, 4^{12}, 8^6\})$	1099511627776
8	$\mathcal{O}(3; \{2^{14}, 4, 8^8\})$	8589934592
8	$\mathcal{O}(3; \{2^{11}, 4^3, 8^8\})$	34359738368
8	$\mathcal{O}(3; \{2^8, 4^5, 8^8\})$	137438953472
8	$\mathcal{O}(3; \{2^5, 4^7, 8^8\})$	549755813888
8	$\mathcal{O}(3; \{2^2, 4^9, 8^8\})$	2199023255552
8	$\mathcal{O}(3; \{2^{12}, 8^{10}\})$	68719476736
8	$\mathcal{O}(3; \{2^9, 4^2, 8^{10}\})$	274877906944
8	$\mathcal{O}(3; \{2^6, 4^4, 8^{10}\})$	1099511627776
8	$\mathcal{O}(3; \{2^3, 4^6, 8^{10}\})$	4398046511104
8	$\mathcal{O}(3; \{4^8, 8^{10}\})$	17592186044416
8	$\mathcal{O}(3; \{2^7, 4, 8^{12}\})$	2199023255552
8	$\mathcal{O}(3; \{2^4, 4^3, 8^{12}\})$	8796093022208
8	$\mathcal{O}(3; \{2, 4^5, 8^{12}\})$	35184372088832
8	$\mathcal{O}(3; \{2^5, 8^{14}\})$	17592186044416
8	$\mathcal{O}(3; \{2^2, 4^2, 8^{14}\})$	70368744177664
8	$\mathcal{O}(3; \{4, 8^{16}\})$	562949953421312
8	$\mathcal{O}(2; \{2^{30}, 8^2\})$	16384
8	$\mathcal{O}(2; \{2^{27}, 4^2, 8^2\})$	65536
8	$\mathcal{O}(2; \{2^{24}, 4^4, 8^2\})$	262144
8	$\mathcal{O}(2; \{2^{21}, 4^6, 8^2\})$	1048576
8	$\mathcal{O}(2; \{2^{18}, 4^8, 8^2\})$	4194304
8	$\mathcal{O}(2; \{2^{15}, 4^{10}, 8^2\})$	16777216
8	$\mathcal{O}(2; \{2^{12}, 4^{12}, 8^2\})$	67108864
8	$\mathcal{O}(2; \{2^9, 4^{14}, 8^2\})$	268435456
8	$\mathcal{O}(2; \{2^6, 4^{16}, 8^2\})$	1073741824
8	$\mathcal{O}(2; \{2^3, 4^{18}, 8^2\})$	4294967296
8	$\mathcal{O}(2; \{4^{20}, 8^2\})$	17179869184
8	$\mathcal{O}(2; \{2^{25}, 4, 8^4\})$	524288
8	$\mathcal{O}(2; \{2^{22}, 4^3, 8^4\})$	2097152
8	$\mathcal{O}(2; \{2^{19}, 4^5, 8^4\})$	8388608
8	$\mathcal{O}(2; \{2^{16}, 4^7, 8^4\})$	33554432
8	$\mathcal{O}(2; \{2^{13}, 4^9, 8^4\})$	134217728
8	$\mathcal{O}(2; \{2^{10}, 4^{11}, 8^4\})$	536870912
8	$\mathcal{O}(2; \{2^7, 4^{13}, 8^4\})$	2147483648
8	$\mathcal{O}(2; \{2^4, 4^{15}, 8^4\})$	8589934592
8	$\mathcal{O}(2; \{2, 4^{17}, 8^4\})$	34359738368
8	$\mathcal{O}(2; \{2^{23}, 8^6\})$	4194304

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^{20}, 4^2, 8^6\})$	16777216
8	$\mathcal{O}(2; \{2^{17}, 4^4, 8^6\})$	67108864
8	$\mathcal{O}(2; \{2^{14}, 4^6, 8^6\})$	268435456
8	$\mathcal{O}(2; \{2^{11}, 4^8, 8^6\})$	1073741824
8	$\mathcal{O}(2; \{2^8, 4^{10}, 8^6\})$	4294967296
8	$\mathcal{O}(2; \{2^5, 4^{12}, 8^6\})$	17179869184
8	$\mathcal{O}(2; \{2^2, 4^{14}, 8^6\})$	68719476736
8	$\mathcal{O}(2; \{2^{18}, 4, 8^8\})$	134217728
8	$\mathcal{O}(2; \{2^{15}, 4^3, 8^8\})$	536870912
8	$\mathcal{O}(2; \{2^{12}, 4^5, 8^8\})$	2147483648
8	$\mathcal{O}(2; \{2^9, 4^7, 8^8\})$	8589934592
8	$\mathcal{O}(2; \{2^6, 4^9, 8^8\})$	34359738368
8	$\mathcal{O}(2; \{2^3, 4^{11}, 8^8\})$	137438953472
8	$\mathcal{O}(2; \{4^{13}, 8^8\})$	549755813888
8	$\mathcal{O}(2; \{2^{16}, 8^{10}\})$	1073741824
8	$\mathcal{O}(2; \{2^{13}, 4^2, 8^{10}\})$	4294967296
8	$\mathcal{O}(2; \{2^{10}, 4^4, 8^{10}\})$	17179869184
8	$\mathcal{O}(2; \{2^7, 4^6, 8^{10}\})$	68719476736
8	$\mathcal{O}(2; \{2^4, 4^8, 8^{10}\})$	274877906944
8	$\mathcal{O}(2; \{2, 4^{10}, 8^{10}\})$	1099511627776
8	$\mathcal{O}(2; \{2^{11}, 4, 8^{12}\})$	34359738368
8	$\mathcal{O}(2; \{2^8, 4^3, 8^{12}\})$	137438953472
8	$\mathcal{O}(2; \{2^5, 4^5, 8^{12}\})$	549755813888
8	$\mathcal{O}(2; \{2^2, 4^7, 8^{12}\})$	2199023255552
8	$\mathcal{O}(2; \{2^9, 8^{14}\})$	274877906944
8	$\mathcal{O}(2; \{2^6, 4^2, 8^{14}\})$	1099511627776
8	$\mathcal{O}(2; \{2^3, 4^4, 8^{14}\})$	4398046511104
8	$\mathcal{O}(2; \{4^6, 8^{14}\})$	17592186044416
8	$\mathcal{O}(2; \{2^4, 4, 8^{16}\})$	8796093022208
8	$\mathcal{O}(2; \{2, 4^3, 8^{16}\})$	35184372088832
8	$\mathcal{O}(2; \{2^2, 8^{18}\})$	70368744177664
8	$\mathcal{O}(1; \{2^{34}, 8^2\})$	256
8	$\mathcal{O}(1; \{2^{31}, 4^2, 8^2\})$	1024
8	$\mathcal{O}(1; \{2^{28}, 4^4, 8^2\})$	4096
8	$\mathcal{O}(1; \{2^{25}, 4^6, 8^2\})$	16384
8	$\mathcal{O}(1; \{2^{22}, 4^8, 8^2\})$	65536
8	$\mathcal{O}(1; \{2^{19}, 4^{10}, 8^2\})$	262144
8	$\mathcal{O}(1; \{2^{16}, 4^{12}, 8^2\})$	1048576
8	$\mathcal{O}(1; \{2^{13}, 4^{14}, 8^2\})$	4194304
8	$\mathcal{O}(1; \{2^{10}, 4^{16}, 8^2\})$	16777216
8	$\mathcal{O}(1; \{2^7, 4^{18}, 8^2\})$	67108864
8	$\mathcal{O}(1; \{2^4, 4^{20}, 8^2\})$	268435456
8	$\mathcal{O}(1; \{2, 4^{22}, 8^2\})$	1073741824

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^{29}, 4, 8^4\})$	8192
8	$\mathcal{O}(1; \{2^{26}, 4^3, 8^4\})$	32768
8	$\mathcal{O}(1; \{2^{23}, 4^5, 8^4\})$	131072
8	$\mathcal{O}(1; \{2^{20}, 4^7, 8^4\})$	524288
8	$\mathcal{O}(1; \{2^{17}, 4^9, 8^4\})$	2097152
8	$\mathcal{O}(1; \{2^{14}, 4^{11}, 8^4\})$	8388608
8	$\mathcal{O}(1; \{2^{11}, 4^{13}, 8^4\})$	33554432
8	$\mathcal{O}(1; \{2^8, 4^{15}, 8^4\})$	134217728
8	$\mathcal{O}(1; \{2^5, 4^{17}, 8^4\})$	536870912
8	$\mathcal{O}(1; \{2^2, 4^{19}, 8^4\})$	2147483648
8	$\mathcal{O}(1; \{2^{27}, 8^6\})$	65536
8	$\mathcal{O}(1; \{2^{24}, 4^2, 8^6\})$	262144
8	$\mathcal{O}(1; \{2^{21}, 4^4, 8^6\})$	1048576
8	$\mathcal{O}(1; \{2^{18}, 4^6, 8^6\})$	4194304
8	$\mathcal{O}(1; \{2^{15}, 4^8, 8^6\})$	16777216
8	$\mathcal{O}(1; \{2^{12}, 4^{10}, 8^6\})$	67108864
8	$\mathcal{O}(1; \{2^9, 4^{12}, 8^6\})$	268435456
8	$\mathcal{O}(1; \{2^6, 4^{14}, 8^6\})$	1073741824
8	$\mathcal{O}(1; \{2^3, 4^{16}, 8^6\})$	4294967296
8	$\mathcal{O}(1; \{4^{18}, 8^6\})$	17179869184
8	$\mathcal{O}(1; \{2^{22}, 4, 8^8\})$	2097152
8	$\mathcal{O}(1; \{2^{19}, 4^3, 8^8\})$	8388608
8	$\mathcal{O}(1; \{2^{16}, 4^5, 8^8\})$	33554432
8	$\mathcal{O}(1; \{2^{13}, 4^7, 8^8\})$	134217728
8	$\mathcal{O}(1; \{2^{10}, 4^9, 8^8\})$	536870912
8	$\mathcal{O}(1; \{2^7, 4^{11}, 8^8\})$	2147483648
8	$\mathcal{O}(1; \{2^4, 4^{13}, 8^8\})$	8589934592
8	$\mathcal{O}(1; \{2, 4^{15}, 8^8\})$	34359738368
8	$\mathcal{O}(1; \{2^{20}, 8^{10}\})$	16777216
8	$\mathcal{O}(1; \{2^{17}, 4^2, 8^{10}\})$	67108864
8	$\mathcal{O}(1; \{2^{14}, 4^4, 8^{10}\})$	268435456
8	$\mathcal{O}(1; \{2^{11}, 4^6, 8^{10}\})$	1073741824
8	$\mathcal{O}(1; \{2^8, 4^8, 8^{10}\})$	4294967296
8	$\mathcal{O}(1; \{2^5, 4^{10}, 8^{10}\})$	17179869184
8	$\mathcal{O}(1; \{2^2, 4^{12}, 8^{10}\})$	68719476736
8	$\mathcal{O}(1; \{2^{15}, 4, 8^{12}\})$	536870912
8	$\mathcal{O}(1; \{2^{12}, 4^3, 8^{12}\})$	2147483648
8	$\mathcal{O}(1; \{2^9, 4^5, 8^{12}\})$	8589934592
8	$\mathcal{O}(1; \{2^6, 4^7, 8^{12}\})$	34359738368
8	$\mathcal{O}(1; \{2^3, 4^9, 8^{12}\})$	137438953472
8	$\mathcal{O}(1; \{4^{11}, 8^{12}\})$	549755813888
8	$\mathcal{O}(1; \{2^{13}, 8^{14}\})$	4294967296
8	$\mathcal{O}(1; \{2^{10}, 4^2, 8^{14}\})$	17179869184

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^7, 4^4, 8^{14}\})$	68719476736
8	$\mathcal{O}(1; \{2^4, 4^6, 8^{14}\})$	274877906944
8	$\mathcal{O}(1; \{2, 4^8, 8^{14}\})$	1099511627776
8	$\mathcal{O}(1; \{2^8, 4, 8^{16}\})$	137438953472
8	$\mathcal{O}(1; \{2^5, 4^3, 8^{16}\})$	549755813888
8	$\mathcal{O}(1; \{2^2, 4^5, 8^{16}\})$	2199023255552
8	$\mathcal{O}(1; \{2^6, 8^{18}\})$	1099511627776
8	$\mathcal{O}(1; \{2^3, 4^2, 8^{18}\})$	4398046511104
8	$\mathcal{O}(1; \{4^4, 8^{18}\})$	17592186044416
8	$\mathcal{O}(1; \{2, 4, 8^{20}\})$	35184372088832
8	$\mathcal{O}(0; \{2^{38}, 8^2\})$	4
8	$\mathcal{O}(0; \{2^{35}, 4^2, 8^2\})$	16
8	$\mathcal{O}(0; \{2^{32}, 4^4, 8^2\})$	64
8	$\mathcal{O}(0; \{2^{29}, 4^6, 8^2\})$	256
8	$\mathcal{O}(0; \{2^{26}, 4^8, 8^2\})$	1024
8	$\mathcal{O}(0; \{2^{23}, 4^{10}, 8^2\})$	4096
8	$\mathcal{O}(0; \{2^{20}, 4^{12}, 8^2\})$	16384
8	$\mathcal{O}(0; \{2^{17}, 4^{14}, 8^2\})$	65536
8	$\mathcal{O}(0; \{2^{14}, 4^{16}, 8^2\})$	262144
8	$\mathcal{O}(0; \{2^{11}, 4^{18}, 8^2\})$	1048576
8	$\mathcal{O}(0; \{2^8, 4^{20}, 8^2\})$	4194304
8	$\mathcal{O}(0; \{2^5, 4^{22}, 8^2\})$	16777216
8	$\mathcal{O}(0; \{2^2, 4^{24}, 8^2\})$	67108864
8	$\mathcal{O}(0; \{2^{33}, 4, 8^4\})$	128
8	$\mathcal{O}(0; \{2^{30}, 4^3, 8^4\})$	512
8	$\mathcal{O}(0; \{2^{27}, 4^5, 8^4\})$	2048
8	$\mathcal{O}(0; \{2^{24}, 4^7, 8^4\})$	8192
8	$\mathcal{O}(0; \{2^{21}, 4^9, 8^4\})$	32768
8	$\mathcal{O}(0; \{2^{18}, 4^{11}, 8^4\})$	131072
8	$\mathcal{O}(0; \{2^{15}, 4^{13}, 8^4\})$	524288
8	$\mathcal{O}(0; \{2^{12}, 4^{15}, 8^4\})$	2097152
8	$\mathcal{O}(0; \{2^9, 4^{17}, 8^4\})$	8388608
8	$\mathcal{O}(0; \{2^6, 4^{19}, 8^4\})$	33554432
8	$\mathcal{O}(0; \{2^3, 4^{21}, 8^4\})$	134217728
8	$\mathcal{O}(0; \{4^{23}, 8^4\})$	536870912
8	$\mathcal{O}(0; \{2^{31}, 8^6\})$	1024
8	$\mathcal{O}(0; \{2^{28}, 4^2, 8^6\})$	4096
8	$\mathcal{O}(0; \{2^{25}, 4^4, 8^6\})$	16384
8	$\mathcal{O}(0; \{2^{22}, 4^6, 8^6\})$	65536
8	$\mathcal{O}(0; \{2^{19}, 4^8, 8^6\})$	262144
8	$\mathcal{O}(0; \{2^{16}, 4^{10}, 8^6\})$	1048576
8	$\mathcal{O}(0; \{2^{13}, 4^{12}, 8^6\})$	4194304
8	$\mathcal{O}(0; \{2^{10}, 4^{14}, 8^6\})$	16777216

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^7, 4^{16}, 8^6\})$	67108864
8	$\mathcal{O}(0; \{2^4, 4^{18}, 8^6\})$	268435456
8	$\mathcal{O}(0; \{2, 4^{20}, 8^6\})$	1073741824
8	$\mathcal{O}(0; \{2^{26}, 4, 8^8\})$	32768
8	$\mathcal{O}(0; \{2^{23}, 4^3, 8^8\})$	131072
8	$\mathcal{O}(0; \{2^{20}, 4^5, 8^8\})$	524288
8	$\mathcal{O}(0; \{2^{17}, 4^7, 8^8\})$	2097152
8	$\mathcal{O}(0; \{2^{14}, 4^9, 8^8\})$	8388608
8	$\mathcal{O}(0; \{2^{11}, 4^{11}, 8^8\})$	33554432
8	$\mathcal{O}(0; \{2^8, 4^{13}, 8^8\})$	134217728
8	$\mathcal{O}(0; \{2^5, 4^{15}, 8^8\})$	536870912
8	$\mathcal{O}(0; \{2^2, 4^{17}, 8^8\})$	2147483648
8	$\mathcal{O}(0; \{2^{24}, 8^{10}\})$	262144
8	$\mathcal{O}(0; \{2^{21}, 4^2, 8^{10}\})$	1048576
8	$\mathcal{O}(0; \{2^{18}, 4^4, 8^{10}\})$	4194304
8	$\mathcal{O}(0; \{2^{15}, 4^6, 8^{10}\})$	16777216
8	$\mathcal{O}(0; \{2^{12}, 4^8, 8^{10}\})$	67108864
8	$\mathcal{O}(0; \{2^9, 4^{10}, 8^{10}\})$	268435456
8	$\mathcal{O}(0; \{2^6, 4^{12}, 8^{10}\})$	1073741824
8	$\mathcal{O}(0; \{2^3, 4^{14}, 8^{10}\})$	4294967296
8	$\mathcal{O}(0; \{4^{16}, 8^{10}\})$	17179869184
8	$\mathcal{O}(0; \{2^{19}, 4, 8^{12}\})$	8388608
8	$\mathcal{O}(0; \{2^{16}, 4^3, 8^{12}\})$	33554432
8	$\mathcal{O}(0; \{2^{13}, 4^5, 8^{12}\})$	134217728
8	$\mathcal{O}(0; \{2^{10}, 4^7, 8^{12}\})$	536870912
8	$\mathcal{O}(0; \{2^7, 4^9, 8^{12}\})$	2147483648
8	$\mathcal{O}(0; \{2^4, 4^{11}, 8^{12}\})$	8589934592
8	$\mathcal{O}(0; \{2, 4^{13}, 8^{12}\})$	34359738368
8	$\mathcal{O}(0; \{2^{17}, 8^{14}\})$	67108864
8	$\mathcal{O}(0; \{2^{14}, 4^2, 8^{14}\})$	268435456
8	$\mathcal{O}(0; \{2^{11}, 4^4, 8^{14}\})$	1073741824
8	$\mathcal{O}(0; \{2^8, 4^6, 8^{14}\})$	4294967296
8	$\mathcal{O}(0; \{2^5, 4^8, 8^{14}\})$	17179869184
8	$\mathcal{O}(0; \{2^2, 4^{10}, 8^{14}\})$	68719476736
8	$\mathcal{O}(0; \{2^{12}, 4, 8^{16}\})$	2147483648
8	$\mathcal{O}(0; \{2^9, 4^3, 8^{16}\})$	8589934592
8	$\mathcal{O}(0; \{2^6, 4^5, 8^{16}\})$	34359738368
8	$\mathcal{O}(0; \{2^3, 4^7, 8^{16}\})$	137438953472
8	$\mathcal{O}(0; \{4^9, 8^{16}\})$	549755813888
8	$\mathcal{O}(0; \{2^{10}, 8^{18}\})$	17179869184
8	$\mathcal{O}(0; \{2^7, 4^2, 8^{18}\})$	68719476736
8	$\mathcal{O}(0; \{2^4, 4^4, 8^{18}\})$	274877906944
8	$\mathcal{O}(0; \{2, 4^6, 8^{18}\})$	1099511627776

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^5, 4, 8^{20}\})$	549755813888
8	$\mathcal{O}(0; \{2^2, 4^3, 8^{20}\})$	2199023255552
8	$\mathcal{O}(0; \{2^3, 8^{22}\})$	4398046511104
8	$\mathcal{O}(0; \{4^2, 8^{22}\})$	17592186044416
9	$\mathcal{O}(8; \{3^4\})$	11118120874830720
9	$\mathcal{O}(8; \{9^3\})$	33354363399333138
9	$\mathcal{O}(7; \{3^7\})$	960825082223664
9	$\mathcal{O}(7; \{3^3, 9^3\})$	3294258113514384
9	$\mathcal{O}(6; \{3^{10}\})$	96590719723680
9	$\mathcal{O}(6; \{3^6, 9^3\})$	325358826026112
9	$\mathcal{O}(6; \{3^2, 9^6\})$	6039473208109704
9	$\mathcal{O}(5; \{3^{13}\})$	9518760210960
9	$\mathcal{O}(5; \{3^9, 9^3\})$	32134205039616
9	$\mathcal{O}(5; \{3^5, 9^6\})$	596491181047872
9	$\mathcal{O}(5; \{3, 9^9\})$	7778109434686740
9	$\mathcal{O}(4; \{3^{16}\})$	940255335360
9	$\mathcal{O}(4; \{3^{12}, 9^3\})$	3173748645888
9	$\mathcal{O}(4; \{3^8, 9^6\})$	58912709239296
9	$\mathcal{O}(4; \{3^4, 9^9\})$	768208339228320
9	$\mathcal{O}(4; \{9^{12}\})$	10416566164492242
9	$\mathcal{O}(3; \{3^{19}\})$	92748290544
9	$\mathcal{O}(3; \{3^{15}, 9^3\})$	313456656384
9	$\mathcal{O}(3; \{3^{11}, 9^6\})$	5818539184128
9	$\mathcal{O}(3; \{3^7, 9^9\})$	75872428565760
9	$\mathcal{O}(3; \{3^3, 9^{12}\})$	1028796658221456
9	$\mathcal{O}(2; \{3^{22}\})$	9059700960
9	$\mathcal{O}(2; \{3^{18}, 9^3\})$	30958682112
9	$\mathcal{O}(2; \{3^{14}, 9^6\})$	574670536704
9	$\mathcal{O}(2; \{3^{10}, 9^9\})$	7493573191680
9	$\mathcal{O}(2; \{3^6, 9^{12}\})$	101609546491008
9	$\mathcal{O}(2; \{3^2, 9^{15}\})$	1370975732197992
9	$\mathcal{O}(1; \{3^{25}\})$	805306320
9	$\mathcal{O}(1; \{3^{21}, 9^3\})$	3057647616
9	$\mathcal{O}(1; \{3^{17}, 9^6\})$	56757583872
9	$\mathcal{O}(1; \{3^{13}, 9^9\})$	740105994240
9	$\mathcal{O}(1; \{3^9, 9^{12}\})$	10035510764544
9	$\mathcal{O}(1; \{3^5, 9^{15}\})$	135405010587456
9	$\mathcal{O}(1; \{3, 9^{18}\})$	1828093167169092
9	$\mathcal{O}(0; \{3^{24}, 9^3\})$	301989888
9	$\mathcal{O}(0; \{3^{20}, 9^6\})$	5605687296
9	$\mathcal{O}(0; \{3^{16}, 9^9\})$	73096888320
9	$\mathcal{O}(0; \{3^{12}, 9^{12}\})$	991161556992
9	$\mathcal{O}(0; \{3^8, 9^{15}\})$	13373334379008

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(0; \{3^4, 9^{18}\})$	180552411572256
9	$\mathcal{O}(0; \{9^{21}\})$	2437436635519050
10	$\mathcal{O}(8; \{2^2\})$	999999999934464
10	$\mathcal{O}(7; \{2^6\})$	99999999983616
10	$\mathcal{O}(7; \{2, 5^2, 10\})$	120000000000000
10	$\mathcal{O}(6; \{2^{10}\})$	999999995904
10	$\mathcal{O}(6; \{2^2, 5^5\})$	204000000000000
10	$\mathcal{O}(6; \{2^5, 5^2, 10\})$	120000000000000
10	$\mathcal{O}(6; \{5^4, 10^2\})$	820000000000000
10	$\mathcal{O}(6; \{2^3, 5, 10^3\})$	520000000000000
10	$\mathcal{O}(6; \{2, 10^5\})$	204000000000000
10	$\mathcal{O}(5; \{2^{14}\})$	9999998976
10	$\mathcal{O}(5; \{2^6, 5^5\})$	204000000000000
10	$\mathcal{O}(5; \{2^9, 5^2, 10\})$	120000000000000
10	$\mathcal{O}(5; \{2, 5^7, 10\})$	131080000000000
10	$\mathcal{O}(5; \{2^4, 5^4, 10^2\})$	820000000000000
10	$\mathcal{O}(5; \{2^7, 5, 10^3\})$	520000000000000
10	$\mathcal{O}(5; \{2^2, 5^3, 10^4\})$	327600000000000
10	$\mathcal{O}(5; \{2^5, 10^5\})$	204000000000000
10	$\mathcal{O}(5; \{5^2, 10^6\})$	131080000000000
10	$\mathcal{O}(4; \{2^{18}\})$	99999744
10	$\mathcal{O}(4; \{2^{10}, 5^5\})$	204000000000000
10	$\mathcal{O}(4; \{2^2, 5^{10}\})$	209716000000000
10	$\mathcal{O}(4; \{2^{13}, 5^2, 10\})$	120000000000000
10	$\mathcal{O}(4; \{2^5, 5^7, 10\})$	131080000000000
10	$\mathcal{O}(4; \{2^8, 5^4, 10^2\})$	820000000000000
10	$\mathcal{O}(4; \{5^9, 10^2\})$	838860000000000
10	$\mathcal{O}(4; \{2^{11}, 5, 10^3\})$	520000000000000
10	$\mathcal{O}(4; \{2^3, 5^6, 10^3\})$	524280000000000
10	$\mathcal{O}(4; \{2^6, 5^3, 10^4\})$	327600000000000
10	$\mathcal{O}(4; \{2^9, 10^5\})$	204000000000000
10	$\mathcal{O}(4; \{2, 5^5, 10^5\})$	209716000000000
10	$\mathcal{O}(4; \{2^4, 5^2, 10^6\})$	131080000000000
10	$\mathcal{O}(4; \{2^2, 5, 10^8\})$	524280000000000
10	$\mathcal{O}(4; \{10^{10}\})$	209716000000000
10	$\mathcal{O}(3; \{2^{22}\})$	999936
10	$\mathcal{O}(3; \{2^{14}, 5^5\})$	204000000000000
10	$\mathcal{O}(3; \{2^6, 5^{10}\})$	209716000000000
10	$\mathcal{O}(3; \{2^{17}, 5^2, 10\})$	120000000000000
10	$\mathcal{O}(3; \{2^9, 5^7, 10\})$	131080000000000
10	$\mathcal{O}(3; \{2, 5^{12}, 10\})$	134217720000000
10	$\mathcal{O}(3; \{2^{12}, 5^4, 10^2\})$	820000000000000
10	$\mathcal{O}(3; \{2^4, 5^9, 10^2\})$	838860000000000

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{2^{15}, 5, 10^3\})$	52000000
10	$\mathcal{O}(3; \{2^7, 5^6, 10^3\})$	5242800000
10	$\mathcal{O}(3; \{2^{10}, 5^3, 10^4\})$	3276000000
10	$\mathcal{O}(3; \{2^2, 5^8, 10^4\})$	3355444000000
10	$\mathcal{O}(3; \{2^{13}, 10^5\})$	204000000
10	$\mathcal{O}(3; \{2^5, 5^5, 10^5\})$	209716000000
10	$\mathcal{O}(3; \{2^8, 5^2, 10^6\})$	13108000000
10	$\mathcal{O}(3; \{5^7, 10^6\})$	13421772000000
10	$\mathcal{O}(3; \{2^3, 5^4, 10^7\})$	838860000000
10	$\mathcal{O}(3; \{2^6, 5, 10^8\})$	52428000000
10	$\mathcal{O}(3; \{2, 5^3, 10^9\})$	3355444000000
10	$\mathcal{O}(3; \{2^4, 10^{10}\})$	209716000000
10	$\mathcal{O}(2; \{2^{26}\})$	9984
10	$\mathcal{O}(2; \{2^{18}, 5^5\})$	2040000
10	$\mathcal{O}(2; \{2^{10}, 5^{10}\})$	2097160000
10	$\mathcal{O}(2; \{2^2, 5^{15}\})$	2147483640000
10	$\mathcal{O}(2; \{2^{21}, 5^2, 10\})$	120000
10	$\mathcal{O}(2; \{2^{13}, 5^7, 10\})$	131080000
10	$\mathcal{O}(2; \{2^5, 5^{12}, 10\})$	134217720000
10	$\mathcal{O}(2; \{2^{16}, 5^4, 10^2\})$	8200000
10	$\mathcal{O}(2; \{2^8, 5^9, 10^2\})$	8388600000
10	$\mathcal{O}(2; \{5^{14}, 10^2\})$	8589934600000
10	$\mathcal{O}(2; \{2^{19}, 5, 10^3\})$	520000
10	$\mathcal{O}(2; \{2^{11}, 5^6, 10^3\})$	524280000
10	$\mathcal{O}(2; \{2^3, 5^{11}, 10^3\})$	536870920000
10	$\mathcal{O}(2; \{2^{14}, 5^3, 10^4\})$	32760000
10	$\mathcal{O}(2; \{2^6, 5^8, 10^4\})$	335544400000
10	$\mathcal{O}(2; \{2^{17}, 10^5\})$	2040000
10	$\mathcal{O}(2; \{2^9, 5^5, 10^5\})$	2097160000
10	$\mathcal{O}(2; \{2, 5^{10}, 10^5\})$	2147483640000
10	$\mathcal{O}(2; \{2^{12}, 5^2, 10^6\})$	131080000
10	$\mathcal{O}(2; \{2^4, 5^7, 10^6\})$	134217720000
10	$\mathcal{O}(2; \{2^7, 5^4, 10^7\})$	8388600000
10	$\mathcal{O}(2; \{2^{10}, 5, 10^8\})$	524280000
10	$\mathcal{O}(2; \{2^2, 5^6, 10^8\})$	536870920000
10	$\mathcal{O}(2; \{2^5, 5^3, 10^9\})$	335544400000
10	$\mathcal{O}(2; \{2^8, 10^{10}\})$	2097160000
10	$\mathcal{O}(2; \{5^5, 10^{10}\})$	2147483640000
10	$\mathcal{O}(2; \{2^3, 5^2, 10^{11}\})$	134217720000
10	$\mathcal{O}(2; \{2, 5, 10^{13}\})$	536870920000
10	$\mathcal{O}(1; \{2^{30}\})$	96
10	$\mathcal{O}(1; \{2^{22}, 5^5\})$	20400
10	$\mathcal{O}(1; \{2^{14}, 5^{10}\})$	20971600

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{2^6, 5^{15}\})$	21474836400
10	$\mathcal{O}(1; \{2^{25}, 5^2, 10\})$	1200
10	$\mathcal{O}(1; \{2^{17}, 5^7, 10\})$	1310800
10	$\mathcal{O}(1; \{2^9, 5^{12}, 10\})$	1342177200
10	$\mathcal{O}(1; \{2, 5^{17}, 10\})$	1374389534800
10	$\mathcal{O}(1; \{2^{20}, 5^4, 10^2\})$	82000
10	$\mathcal{O}(1; \{2^{12}, 5^9, 10^2\})$	83886000
10	$\mathcal{O}(1; \{2^4, 5^{14}, 10^2\})$	85899346000
10	$\mathcal{O}(1; \{2^{23}, 5, 10^3\})$	5200
10	$\mathcal{O}(1; \{2^{15}, 5^6, 10^3\})$	5242800
10	$\mathcal{O}(1; \{2^7, 5^{11}, 10^3\})$	5368709200
10	$\mathcal{O}(1; \{2^{18}, 5^3, 10^4\})$	327600
10	$\mathcal{O}(1; \{2^{10}, 5^8, 10^4\})$	335544400
10	$\mathcal{O}(1; \{2^2, 5^{13}, 10^4\})$	343597383600
10	$\mathcal{O}(1; \{2^{21}, 10^5\})$	20400
10	$\mathcal{O}(1; \{2^{13}, 5^5, 10^5\})$	20971600
10	$\mathcal{O}(1; \{2^5, 5^{10}, 10^5\})$	21474836400
10	$\mathcal{O}(1; \{2^{16}, 5^2, 10^6\})$	1310800
10	$\mathcal{O}(1; \{2^8, 5^7, 10^6\})$	1342177200
10	$\mathcal{O}(1; \{5^{12}, 10^6\})$	1374389534800
10	$\mathcal{O}(1; \{2^{11}, 5^4, 10^7\})$	83886000
10	$\mathcal{O}(1; \{2^3, 5^9, 10^7\})$	85899346000
10	$\mathcal{O}(1; \{2^{14}, 5, 10^8\})$	5242800
10	$\mathcal{O}(1; \{2^6, 5^6, 10^8\})$	5368709200
10	$\mathcal{O}(1; \{2^9, 5^3, 10^9\})$	335544400
10	$\mathcal{O}(1; \{2, 5^8, 10^9\})$	343597383600
10	$\mathcal{O}(1; \{2^{12}, 10^{10}\})$	20971600
10	$\mathcal{O}(1; \{2^4, 5^5, 10^{10}\})$	21474836400
10	$\mathcal{O}(1; \{2^7, 5^2, 10^{11}\})$	1342177200
10	$\mathcal{O}(1; \{2^2, 5^4, 10^{12}\})$	85899346000
10	$\mathcal{O}(1; \{2^5, 5, 10^{13}\})$	5368709200
10	$\mathcal{O}(1; \{5^3, 10^{14}\})$	343597383600
10	$\mathcal{O}(1; \{2^3, 10^{15}\})$	21474836400
10	$\mathcal{O}(0; \{2^{26}, 5^5\})$	204
10	$\mathcal{O}(0; \{2^{18}, 5^{10}\})$	209716
10	$\mathcal{O}(0; \{2^{10}, 5^{15}\})$	214748364
10	$\mathcal{O}(0; \{2^2, 5^{20}\})$	219902325556
10	$\mathcal{O}(0; \{2^{29}, 5^2, 10\})$	12
10	$\mathcal{O}(0; \{2^{21}, 5^7, 10\})$	13108
10	$\mathcal{O}(0; \{2^{13}, 5^{12}, 10\})$	13421772
10	$\mathcal{O}(0; \{2^5, 5^{17}, 10\})$	13743895348
10	$\mathcal{O}(0; \{2^{24}, 5^4, 10^2\})$	820
10	$\mathcal{O}(0; \{2^{16}, 5^9, 10^2\})$	838860

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{2^8, 5^{14}, 10^2\})$	858993460
10	$\mathcal{O}(0; \{5^{19}, 10^2\})$	879609302220
10	$\mathcal{O}(0; \{2^{27}, 5, 10^3\})$	52
10	$\mathcal{O}(0; \{2^{19}, 5^6, 10^3\})$	52428
10	$\mathcal{O}(0; \{2^{11}, 5^{11}, 10^3\})$	53687092
10	$\mathcal{O}(0; \{2^3, 5^{16}, 10^3\})$	54975581388
10	$\mathcal{O}(0; \{2^{22}, 5^3, 10^4\})$	3276
10	$\mathcal{O}(0; \{2^{14}, 5^8, 10^4\})$	3355444
10	$\mathcal{O}(0; \{2^6, 5^{13}, 10^4\})$	3435973836
10	$\mathcal{O}(0; \{2^{25}, 10^5\})$	204
10	$\mathcal{O}(0; \{2^{17}, 5^5, 10^5\})$	209716
10	$\mathcal{O}(0; \{2^9, 5^{10}, 10^5\})$	214748364
10	$\mathcal{O}(0; \{2, 5^{15}, 10^5\})$	219902325556
10	$\mathcal{O}(0; \{2^{20}, 5^2, 10^6\})$	13108
10	$\mathcal{O}(0; \{2^{12}, 5^7, 10^6\})$	13421772
10	$\mathcal{O}(0; \{2^4, 5^{12}, 10^6\})$	13743895348
10	$\mathcal{O}(0; \{2^{15}, 5^4, 10^7\})$	838860
10	$\mathcal{O}(0; \{2^7, 5^9, 10^7\})$	858993460
10	$\mathcal{O}(0; \{2^{18}, 5, 10^8\})$	52428
10	$\mathcal{O}(0; \{2^{10}, 5^6, 10^8\})$	53687092
10	$\mathcal{O}(0; \{2^2, 5^{11}, 10^8\})$	54975581388
10	$\mathcal{O}(0; \{2^{13}, 5^3, 10^9\})$	3355444
10	$\mathcal{O}(0; \{2^5, 5^8, 10^9\})$	3435973836
10	$\mathcal{O}(0; \{2^{16}, 10^{10}\})$	209716
10	$\mathcal{O}(0; \{2^8, 5^5, 10^{10}\})$	214748364
10	$\mathcal{O}(0; \{5^{10}, 10^{10}\})$	219902325556
10	$\mathcal{O}(0; \{2^{11}, 5^2, 10^{11}\})$	13421772
10	$\mathcal{O}(0; \{2^3, 5^7, 10^{11}\})$	13743895348
10	$\mathcal{O}(0; \{2^6, 5^4, 10^{12}\})$	858993460
10	$\mathcal{O}(0; \{2^9, 5, 10^{13}\})$	53687092
10	$\mathcal{O}(0; \{2, 5^6, 10^{13}\})$	54975581388
10	$\mathcal{O}(0; \{2^4, 5^3, 10^{14}\})$	3435973836
10	$\mathcal{O}(0; \{2^7, 10^{15}\})$	214748364
10	$\mathcal{O}(0; \{2^2, 5^2, 10^{16}\})$	13743895348
10	$\mathcal{O}(0; \{5, 10^{18}\})$	54975581388
11	$\mathcal{O}(6; \{11^4\})$	2855969822816110
11	$\mathcal{O}(1; \{11^{15}\})$	109999999999999990
12	$\mathcal{O}(6; \{2^2, 4^2\})$	17832167342080
12	$\mathcal{O}(6; \{4, 6, 12\})$	35664401793024
12	$\mathcal{O}(6; \{3, 12^2\})$	35664401793024
12	$\mathcal{O}(5; \{2^6, 4^2\})$	123832631296
12	$\mathcal{O}(5; \{2^2, 3^3, 4^2\})$	247669456896
12	$\mathcal{O}(5; \{2^3, 4^4\})$	495330525184

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{4^6\})$	1981322100736
12	$\mathcal{O}(5; \{2^3, 3, 4^2, 6\})$	247669456896
12	$\mathcal{O}(5; \{3, 4^4, 6\})$	990677827584
12	$\mathcal{O}(5; \{3^2, 4^2, 6^2\})$	743008370688
12	$\mathcal{O}(5; \{2, 4^2, 6^3\})$	247669456896
12	$\mathcal{O}(5; \{2^3, 3^2, 4, 12\})$	247669456896
12	$\mathcal{O}(5; \{3^2, 4^3, 12\})$	990677827584
12	$\mathcal{O}(5; \{2^4, 4, 6, 12\})$	247669456896
12	$\mathcal{O}(5; \{3^3, 4, 6, 12\})$	1238347284480
12	$\mathcal{O}(5; \{2, 4^3, 6, 12\})$	990677827584
12	$\mathcal{O}(5; \{2, 3, 4, 6^2, 12\})$	743008370688
12	$\mathcal{O}(5; \{2^4, 3, 12^2\})$	247669456896
12	$\mathcal{O}(5; \{3^4, 12^2\})$	2724364025856
12	$\mathcal{O}(5; \{2, 3, 4^2, 12^2\})$	990677827584
12	$\mathcal{O}(5; \{2, 3^2, 6, 12^2\})$	1238347284480
12	$\mathcal{O}(5; \{2^2, 6^2, 12^2\})$	743008370688
12	$\mathcal{O}(5; \{2^2, 4, 12^3\})$	990677827584
12	$\mathcal{O}(5; \{6, 12^4\})$	4953389137920
12	$\mathcal{O}(4; \{2^{10}, 4^2\})$	859832320
12	$\mathcal{O}(4; \{2^6, 3^3, 4^2\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3^6, 4^2\})$	18919194624
12	$\mathcal{O}(4; \{2^7, 4^4\})$	3439329280
12	$\mathcal{O}(4; \{2^3, 3^3, 4^4\})$	6879707136
12	$\mathcal{O}(4; \{2^4, 4^6\})$	13757317120
12	$\mathcal{O}(4; \{3^3, 4^6\})$	27518828544
12	$\mathcal{O}(4; \{2, 4^8\})$	55029268480
12	$\mathcal{O}(4; \{2^7, 3, 4^2, 6\})$	1719926784
12	$\mathcal{O}(4; \{2^3, 3^4, 4^2, 6\})$	8599633920
12	$\mathcal{O}(4; \{2^4, 3, 4^4, 6\})$	6879707136
12	$\mathcal{O}(4; \{3^4, 4^4, 6\})$	34398535680
12	$\mathcal{O}(4; \{2, 3, 4^6, 6\})$	27518828544
12	$\mathcal{O}(4; \{2^4, 3^2, 4^2, 6^2\})$	5159780352
12	$\mathcal{O}(4; \{3^5, 4^2, 6^2\})$	36118462464
12	$\mathcal{O}(4; \{2, 3^2, 4^4, 6^2\})$	20639121408
12	$\mathcal{O}(4; \{2^5, 4^2, 6^3\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^3, 4^2, 6^3\})$	18919194624
12	$\mathcal{O}(4; \{2^2, 4^4, 6^3\})$	6879707136
12	$\mathcal{O}(4; \{2^2, 3, 4^2, 6^4\})$	8599633920
12	$\mathcal{O}(4; \{4^2, 6^6\})$	18919194624
12	$\mathcal{O}(4; \{2^7, 3^2, 4, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^3, 3^5, 4, 12\})$	18919194624
12	$\mathcal{O}(4; \{2^4, 3^2, 4^3, 12\})$	6879707136
12	$\mathcal{O}(4; \{3^5, 4^3, 12\})$	75676778496

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Table 6 – continued from previous page

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

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{2, 4^2, 6, 12^4\})$	137594142720
12	$\mathcal{O}(4; \{2, 3, 6^2, 12^4\})$	144473849856
12	$\mathcal{O}(4; \{2, 3, 4, 12^5\})$	302707113984
12	$\mathcal{O}(4; \{2^2, 12^6\})$	302707113984
12	$\mathcal{O}(3; \{2^{14}, 4^2\})$	5963776
12	$\mathcal{O}(3; \{2^{10}, 3^3, 4^2\})$	11943936
12	$\mathcal{O}(3; \{2^6, 3^6, 4^2\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^9, 4^2\})$	1015234560
12	$\mathcal{O}(3; \{2^{11}, 4^4\})$	23855104
12	$\mathcal{O}(3; \{2^7, 3^3, 4^4\})$	47775744
12	$\mathcal{O}(3; \{2^3, 3^6, 4^4\})$	525533184
12	$\mathcal{O}(3; \{2^8, 4^6\})$	95420416
12	$\mathcal{O}(3; \{2^4, 3^3, 4^6\})$	191102976
12	$\mathcal{O}(3; \{3^6, 4^6\})$	2102132736
12	$\mathcal{O}(3; \{2^5, 4^8\})$	381681664
12	$\mathcal{O}(3; \{2, 3^3, 4^8\})$	764411904
12	$\mathcal{O}(3; \{2^2, 4^{10}\})$	1526726656
12	$\mathcal{O}(3; \{2^{11}, 3, 4^2, 6\})$	11943936
12	$\mathcal{O}(3; \{2^7, 3^4, 4^2, 6\})$	59719680
12	$\mathcal{O}(3; \{2^3, 3^7, 4^2, 6\})$	513589248
12	$\mathcal{O}(3; \{2^8, 3, 4^4, 6\})$	47775744
12	$\mathcal{O}(3; \{2^4, 3^4, 4^4, 6\})$	238878720
12	$\mathcal{O}(3; \{3^7, 4^4, 6\})$	2054356992
12	$\mathcal{O}(3; \{2^5, 3, 4^6, 6\})$	191102976
12	$\mathcal{O}(3; \{2, 3^4, 4^6, 6\})$	955514880
12	$\mathcal{O}(3; \{2^2, 3, 4^8, 6\})$	764411904
12	$\mathcal{O}(3; \{2^8, 3^2, 4^2, 6^2\})$	35831808
12	$\mathcal{O}(3; \{2^4, 3^5, 4^2, 6^2\})$	250822656
12	$\mathcal{O}(3; \{3^8, 4^2, 6^2\})$	2042413056
12	$\mathcal{O}(3; \{2^5, 3^2, 4^4, 6^2\})$	143327232
12	$\mathcal{O}(3; \{2, 3^5, 4^4, 6^2\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3^2, 4^6, 6^2\})$	573308928
12	$\mathcal{O}(3; \{2^9, 4^2, 6^3\})$	11943936
12	$\mathcal{O}(3; \{2^5, 3^3, 4^2, 6^3\})$	131383296
12	$\mathcal{O}(3; \{2, 3^6, 4^2, 6^3\})$	1015234560
12	$\mathcal{O}(3; \{2^6, 4^4, 6^3\})$	47775744
12	$\mathcal{O}(3; \{2^2, 3^3, 4^4, 6^3\})$	525533184
12	$\mathcal{O}(3; \{2^3, 4^6, 6^3\})$	191102976
12	$\mathcal{O}(3; \{4^8, 6^3\})$	764411904
12	$\mathcal{O}(3; \{2^6, 3, 4^2, 6^4\})$	59719680
12	$\mathcal{O}(3; \{2^2, 3^4, 4^2, 6^4\})$	513589248
12	$\mathcal{O}(3; \{2^3, 3, 4^4, 6^4\})$	238878720
12	$\mathcal{O}(3; \{3, 4^6, 6^4\})$	955514880

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^3, 3^2, 4^2, 6^5\})$	250822656
12	$\mathcal{O}(3; \{3^2, 4^4, 6^5\})$	1003290624
12	$\mathcal{O}(3; \{2^4, 4^2, 6^6\})$	131383296
12	$\mathcal{O}(3; \{3^3, 4^2, 6^6\})$	1015234560
12	$\mathcal{O}(3; \{2, 4^4, 6^6\})$	525533184
12	$\mathcal{O}(3; \{2, 3, 4^2, 6^7\})$	513589248
12	$\mathcal{O}(3; \{2^{11}, 3^2, 4, 12\})$	11943936
12	$\mathcal{O}(3; \{2^7, 3^5, 4, 12\})$	131383296
12	$\mathcal{O}(3; \{2^3, 3^8, 4, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^8, 3^2, 4^3, 12\})$	47775744
12	$\mathcal{O}(3; \{2^4, 3^5, 4^3, 12\})$	525533184
12	$\mathcal{O}(3; \{3^8, 4^3, 12\})$	4060938240
12	$\mathcal{O}(3; \{2^5, 3^2, 4^5, 12\})$	191102976
12	$\mathcal{O}(3; \{2, 3^5, 4^5, 12\})$	2102132736
12	$\mathcal{O}(3; \{2^2, 3^2, 4^7, 12\})$	764411904
12	$\mathcal{O}(3; \{2^{12}, 4, 6, 12\})$	11943936
12	$\mathcal{O}(3; \{2^8, 3^3, 4, 6, 12\})$	59719680
12	$\mathcal{O}(3; \{2^4, 3^6, 4, 6, 12\})$	513589248
12	$\mathcal{O}(3; \{3^9, 4, 6, 12\})$	4072882176
12	$\mathcal{O}(3; \{2^9, 4^3, 6, 12\})$	47775744
12	$\mathcal{O}(3; \{2^5, 3^3, 4^3, 6, 12\})$	238878720
12	$\mathcal{O}(3; \{2, 3^6, 4^3, 6, 12\})$	2054356992
12	$\mathcal{O}(3; \{2^6, 4^5, 6, 12\})$	191102976
12	$\mathcal{O}(3; \{2^2, 3^3, 4^5, 6, 12\})$	955514880
12	$\mathcal{O}(3; \{2^3, 4^7, 6, 12\})$	764411904
12	$\mathcal{O}(3; \{4^9, 6, 12\})$	3057647616
12	$\mathcal{O}(3; \{2^9, 3, 4, 6^2, 12\})$	35831808
12	$\mathcal{O}(3; \{2^5, 3^4, 4, 6^2, 12\})$	250822656
12	$\mathcal{O}(3; \{2, 3^7, 4, 6^2, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^6, 3, 4^3, 6^2, 12\})$	143327232
12	$\mathcal{O}(3; \{2^2, 3^4, 4^3, 6^2, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 3, 4^5, 6^2, 12\})$	573308928
12	$\mathcal{O}(3; \{3, 4^7, 6^2, 12\})$	2293235712
12	$\mathcal{O}(3; \{2^6, 3^2, 4, 6^3, 12\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^5, 4, 6^3, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^3, 3^2, 4^3, 6^3, 12\})$	525533184
12	$\mathcal{O}(3; \{3^2, 4^5, 6^3, 12\})$	2102132736
12	$\mathcal{O}(3; \{2^7, 4, 6^4, 12\})$	59719680
12	$\mathcal{O}(3; \{2^3, 3^3, 4, 6^4, 12\})$	513589248
12	$\mathcal{O}(3; \{2^4, 4^3, 6^4, 12\})$	238878720
12	$\mathcal{O}(3; \{3^3, 4^3, 6^4, 12\})$	2054356992
12	$\mathcal{O}(3; \{2, 4^5, 6^4, 12\})$	955514880
12	$\mathcal{O}(3; \{2^4, 3, 4, 6^5, 12\})$	250822656

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{3^4, 4, 6^5, 12\})$	2042413056
12	$\mathcal{O}(3; \{2, 3, 4^3, 6^5, 12\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^2, 4, 6^6, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^2, 4, 6^7, 12\})$	513589248
12	$\mathcal{O}(3; \{2^{12}, 3, 12^2\})$	11943936
12	$\mathcal{O}(3; \{2^8, 3^4, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2^4, 3^7, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{3^{10}, 12^2\})$	8157708288
12	$\mathcal{O}(3; \{2^9, 3, 4^2, 12^2\})$	47775744
12	$\mathcal{O}(3; \{2^5, 3^4, 4^2, 12^2\})$	525533184
12	$\mathcal{O}(3; \{2, 3^7, 4^2, 12^2\})$	4060938240
12	$\mathcal{O}(3; \{2^6, 3, 4^4, 12^2\})$	191102976
12	$\mathcal{O}(3; \{2^2, 3^4, 4^4, 12^2\})$	2102132736
12	$\mathcal{O}(3; \{2^3, 3, 4^6, 12^2\})$	764411904
12	$\mathcal{O}(3; \{3, 4^8, 12^2\})$	3057647616
12	$\mathcal{O}(3; \{2^9, 3^2, 6, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^5, 3^5, 6, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2, 3^8, 6, 12^2\})$	4072882176
12	$\mathcal{O}(3; \{2^6, 3^2, 4^2, 6, 12^2\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3^5, 4^2, 6, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{2^3, 3^2, 4^4, 6, 12^2\})$	955514880
12	$\mathcal{O}(3; \{3^2, 4^6, 6, 12^2\})$	3822059520
12	$\mathcal{O}(3; \{2^{10}, 6^2, 12^2\})$	35831808
12	$\mathcal{O}(3; \{2^6, 3^3, 6^2, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2^2, 3^6, 6^2, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2^7, 4^2, 6^2, 12^2\})$	143327232
12	$\mathcal{O}(3; \{2^3, 3^3, 4^2, 6^2, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2^4, 4^4, 6^2, 12^2\})$	573308928
12	$\mathcal{O}(3; \{3^3, 4^4, 6^2, 12^2\})$	4013162496
12	$\mathcal{O}(3; \{2, 4^6, 6^2, 12^2\})$	2293235712
12	$\mathcal{O}(3; \{2^7, 3, 6^3, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2^3, 3^4, 6^3, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^4, 3, 4^2, 6^3, 12^2\})$	525533184
12	$\mathcal{O}(3; \{3^4, 4^2, 6^3, 12^2\})$	4060938240
12	$\mathcal{O}(3; \{2, 3, 4^4, 6^3, 12^2\})$	2102132736
12	$\mathcal{O}(3; \{2^4, 3^2, 6^4, 12^2\})$	513589248
12	$\mathcal{O}(3; \{3^5, 6^4, 12^2\})$	4072882176
12	$\mathcal{O}(3; \{2, 3^2, 4^2, 6^4, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{2^5, 6^5, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2, 3^3, 6^5, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2^2, 4^2, 6^5, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3, 6^6, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{6^8, 12^2\})$	2042413056

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^{10}, 4, 12^3\})$	47775744
12	$\mathcal{O}(3; \{2^6, 3^3, 4, 12^3\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3^6, 4, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2^7, 4^3, 12^3\})$	191102976
12	$\mathcal{O}(3; \{2^3, 3^3, 4^3, 12^3\})$	2102132736
12	$\mathcal{O}(3; \{2^4, 4^5, 12^3\})$	764411904
12	$\mathcal{O}(3; \{3^3, 4^5, 12^3\})$	8408530944
12	$\mathcal{O}(3; \{2, 4^7, 12^3\})$	3057647616
12	$\mathcal{O}(3; \{2^7, 3, 4, 6, 12^3\})$	238878720
12	$\mathcal{O}(3; \{2^3, 3^4, 4, 6, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2^4, 3, 4^3, 6, 12^3\})$	955514880
12	$\mathcal{O}(3; \{3^4, 4^3, 6, 12^3\})$	8217427968
12	$\mathcal{O}(3; \{2, 3, 4^5, 6, 12^3\})$	3822059520
12	$\mathcal{O}(3; \{2^4, 3^2, 4, 6^2, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{3^5, 4, 6^2, 12^3\})$	8169652224
12	$\mathcal{O}(3; \{2, 3^2, 4^3, 6^2, 12^3\})$	4013162496
12	$\mathcal{O}(3; \{2^5, 4, 6^3, 12^3\})$	525533184
12	$\mathcal{O}(3; \{2, 3^3, 4, 6^3, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2^2, 4^3, 6^3, 12^3\})$	2102132736
12	$\mathcal{O}(3; \{2^2, 3, 4, 6^4, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{4, 6^6, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2^7, 3^2, 12^4\})$	525533184
12	$\mathcal{O}(3; \{2^3, 3^5, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2^4, 3^2, 4^2, 12^4\})$	2102132736
12	$\mathcal{O}(3; \{3^5, 4^2, 12^4\})$	16243752960
12	$\mathcal{O}(3; \{2, 3^2, 4^4, 12^4\})$	8408530944
12	$\mathcal{O}(3; \{2^8, 6, 12^4\})$	238878720
12	$\mathcal{O}(3; \{2^4, 3^3, 6, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{3^6, 6, 12^4\})$	16291528704
12	$\mathcal{O}(3; \{2^5, 4^2, 6, 12^4\})$	955514880
12	$\mathcal{O}(3; \{2, 3^3, 4^2, 6, 12^4\})$	8217427968
12	$\mathcal{O}(3; \{2^2, 4^4, 6, 12^4\})$	3822059520
12	$\mathcal{O}(3; \{2^5, 3, 6^2, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^4, 6^2, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2^2, 3, 4^2, 6^2, 12^4\})$	4013162496
12	$\mathcal{O}(3; \{2^2, 3^2, 6^3, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2^3, 6^4, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{4^2, 6^4, 12^4\})$	8217427968
12	$\mathcal{O}(3; \{3, 6^5, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2^5, 3, 4, 12^5\})$	2102132736
12	$\mathcal{O}(3; \{2, 3^4, 4, 12^5\})$	16243752960
12	$\mathcal{O}(3; \{2^2, 3, 4^3, 12^5\})$	8408530944
12	$\mathcal{O}(3; \{2^2, 3^2, 4, 6, 12^5\})$	8217427968

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^3, 4, 6^2, 12^5\})$	4013162496
12	$\mathcal{O}(3; \{4^3, 6^2, 12^5\})$	16052649984
12	$\mathcal{O}(3; \{3, 4, 6^3, 12^5\})$	16243752960
12	$\mathcal{O}(3; \{2^6, 12^6\})$	2102132736
12	$\mathcal{O}(3; \{2^2, 3^3, 12^6\})$	16243752960
12	$\mathcal{O}(3; \{2^3, 4^2, 12^6\})$	8408530944
12	$\mathcal{O}(3; \{4^4, 12^6\})$	33634123776
12	$\mathcal{O}(3; \{2^3, 3, 6, 12^6\})$	8217427968
12	$\mathcal{O}(3; \{3, 4^2, 6, 12^6\})$	32869711872
12	$\mathcal{O}(3; \{3^2, 6^2, 12^6\})$	32678608896
12	$\mathcal{O}(3; \{2, 6^3, 12^6\})$	16243752960
12	$\mathcal{O}(3; \{3^2, 4, 12^7\})$	64975011840
12	$\mathcal{O}(3; \{2, 4, 6, 12^7\})$	32869711872
12	$\mathcal{O}(3; \{2, 3, 12^8\})$	64975011840
12	$\mathcal{O}(2; \{2^{18}, 4^2\})$	40960
12	$\mathcal{O}(2; \{2^{14}, 3^3, 4^2\})$	82944
12	$\mathcal{O}(2; \{2^{10}, 3^6, 4^2\})$	912384
12	$\mathcal{O}(2; \{2^6, 3^9, 4^2\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^{12}, 4^2\})$	56650752
12	$\mathcal{O}(2; \{2^{15}, 4^4\})$	163840
12	$\mathcal{O}(2; \{2^{11}, 3^3, 4^4\})$	331776
12	$\mathcal{O}(2; \{2^7, 3^6, 4^4\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^9, 4^4\})$	28200960
12	$\mathcal{O}(2; \{2^{12}, 4^6\})$	655360
12	$\mathcal{O}(2; \{2^8, 3^3, 4^6\})$	1327104
12	$\mathcal{O}(2; \{2^4, 3^6, 4^6\})$	14598144
12	$\mathcal{O}(2; \{3^9, 4^6\})$	112803840
12	$\mathcal{O}(2; \{2^9, 4^8\})$	2621440
12	$\mathcal{O}(2; \{2^5, 3^3, 4^8\})$	5308416
12	$\mathcal{O}(2; \{2, 3^6, 4^8\})$	58392576
12	$\mathcal{O}(2; \{2^6, 4^{10}\})$	10485760
12	$\mathcal{O}(2; \{2^2, 3^3, 4^{10}\})$	21233664
12	$\mathcal{O}(2; \{2^3, 4^{12}\})$	41943040
12	$\mathcal{O}(2; \{4^{14}\})$	167772160
12	$\mathcal{O}(2; \{2^{15}, 3, 4^2, 6\})$	82944
12	$\mathcal{O}(2; \{2^{11}, 3^4, 4^2, 6\})$	414720
12	$\mathcal{O}(2; \{2^7, 3^7, 4^2, 6\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^{10}, 4^2, 6\})$	28283904
12	$\mathcal{O}(2; \{2^{12}, 3, 4^4, 6\})$	331776
12	$\mathcal{O}(2; \{2^8, 3^4, 4^4, 6\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3^7, 4^4, 6\})$	14266368
12	$\mathcal{O}(2; \{3^{10}, 4^4, 6\})$	113135616
12	$\mathcal{O}(2; \{2^9, 3, 4^6, 6\})$	1327104

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^5, 3^4, 4^6, 6\})$	6635520
12	$\mathcal{O}(2; \{2, 3^7, 4^6, 6\})$	57065472
12	$\mathcal{O}(2; \{2^6, 3, 4^8, 6\})$	5308416
12	$\mathcal{O}(2; \{2^2, 3^4, 4^8, 6\})$	26542080
12	$\mathcal{O}(2; \{2^3, 3, 4^{10}, 6\})$	21233664
12	$\mathcal{O}(2; \{3, 4^{12}, 6\})$	84934656
12	$\mathcal{O}(2; \{2^{12}, 3^2, 4^2, 6^2\})$	248832
12	$\mathcal{O}(2; \{2^8, 3^5, 4^2, 6^2\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^8, 4^2, 6^2\})$	14183424
12	$\mathcal{O}(2; \{3^{11}, 4^2, 6^2\})$	113218560
12	$\mathcal{O}(2; \{2^9, 3^2, 4^4, 6^2\})$	995328
12	$\mathcal{O}(2; \{2^5, 3^5, 4^4, 6^2\})$	6967296
12	$\mathcal{O}(2; \{2, 3^8, 4^4, 6^2\})$	56733696
12	$\mathcal{O}(2; \{2^6, 3^2, 4^6, 6^2\})$	3981312
12	$\mathcal{O}(2; \{2^2, 3^5, 4^6, 6^2\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^2, 4^8, 6^2\})$	15925248
12	$\mathcal{O}(2; \{3^2, 4^{10}, 6^2\})$	63700992
12	$\mathcal{O}(2; \{2^{13}, 4^2, 6^3\})$	82944
12	$\mathcal{O}(2; \{2^9, 3^3, 4^2, 6^3\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^6, 4^2, 6^3\})$	7050240
12	$\mathcal{O}(2; \{2, 3^9, 4^2, 6^3\})$	56650752
12	$\mathcal{O}(2; \{2^{10}, 4^4, 6^3\})$	331776
12	$\mathcal{O}(2; \{2^6, 3^3, 4^4, 6^3\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^6, 4^4, 6^3\})$	28200960
12	$\mathcal{O}(2; \{2^7, 4^6, 6^3\})$	1327104
12	$\mathcal{O}(2; \{2^3, 3^3, 4^6, 6^3\})$	14598144
12	$\mathcal{O}(2; \{2^4, 4^8, 6^3\})$	5308416
12	$\mathcal{O}(2; \{3^3, 4^8, 6^3\})$	58392576
12	$\mathcal{O}(2; \{2, 4^{10}, 6^3\})$	21233664
12	$\mathcal{O}(2; \{2^{10}, 3, 4^2, 6^4\})$	414720
12	$\mathcal{O}(2; \{2^6, 3^4, 4^2, 6^4\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^7, 4^2, 6^4\})$	28283904
12	$\mathcal{O}(2; \{2^7, 3, 4^4, 6^4\})$	1658880
12	$\mathcal{O}(2; \{2^3, 3^4, 4^4, 6^4\})$	14266368
12	$\mathcal{O}(2; \{2^4, 3, 4^6, 6^4\})$	6635520
12	$\mathcal{O}(2; \{3^4, 4^6, 6^4\})$	57065472
12	$\mathcal{O}(2; \{2, 3, 4^8, 6^4\})$	26542080
12	$\mathcal{O}(2; \{2^7, 3^2, 4^2, 6^5\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^5, 4^2, 6^5\})$	14183424
12	$\mathcal{O}(2; \{2^4, 3^2, 4^4, 6^5\})$	6967296
12	$\mathcal{O}(2; \{3^5, 4^4, 6^5\})$	56733696
12	$\mathcal{O}(2; \{2, 3^2, 4^6, 6^5\})$	27869184
12	$\mathcal{O}(2; \{2^8, 4^2, 6^6\})$	912384

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^4, 3^3, 4^2, 6^6\})$	7050240
12	$\mathcal{O}(2; \{3^6, 4^2, 6^6\})$	56650752
12	$\mathcal{O}(2; \{2^5, 4^4, 6^6\})$	3649536
12	$\mathcal{O}(2; \{2, 3^3, 4^4, 6^6\})$	28200960
12	$\mathcal{O}(2; \{2^2, 4^6, 6^6\})$	14598144
12	$\mathcal{O}(2; \{2^5, 3, 4^2, 6^7\})$	3566592
12	$\mathcal{O}(2; \{2, 3^4, 4^2, 6^7\})$	28283904
12	$\mathcal{O}(2; \{2^2, 3, 4^4, 6^7\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^2, 4^2, 6^8\})$	14183424
12	$\mathcal{O}(2; \{2^3, 4^2, 6^9\})$	7050240
12	$\mathcal{O}(2; \{4^4, 6^9\})$	28200960
12	$\mathcal{O}(2; \{3, 4^2, 6^{10}\})$	28283904
12	$\mathcal{O}(2; \{2^{15}, 3^2, 4, 12\})$	82944
12	$\mathcal{O}(2; \{2^{11}, 3^5, 4, 12\})$	912384
12	$\mathcal{O}(2; \{2^7, 3^8, 4, 12\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3^{11}, 4, 12\})$	56650752
12	$\mathcal{O}(2; \{2^{12}, 3^2, 4^3, 12\})$	331776
12	$\mathcal{O}(2; \{2^8, 3^5, 4^3, 12\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^8, 4^3, 12\})$	28200960
12	$\mathcal{O}(2; \{3^{11}, 4^3, 12\})$	226603008
12	$\mathcal{O}(2; \{2^9, 3^2, 4^5, 12\})$	1327104
12	$\mathcal{O}(2; \{2^5, 3^5, 4^5, 12\})$	14598144
12	$\mathcal{O}(2; \{2, 3^8, 4^5, 12\})$	112803840
12	$\mathcal{O}(2; \{2^6, 3^2, 4^7, 12\})$	5308416
12	$\mathcal{O}(2; \{2^2, 3^5, 4^7, 12\})$	58392576
12	$\mathcal{O}(2; \{2^3, 3^2, 4^9, 12\})$	21233664
12	$\mathcal{O}(2; \{3^2, 4^{11}, 12\})$	84934656
12	$\mathcal{O}(2; \{2^{16}, 4, 6, 12\})$	82944
12	$\mathcal{O}(2; \{2^{12}, 3^3, 4, 6, 12\})$	414720
12	$\mathcal{O}(2; \{2^8, 3^6, 4, 6, 12\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3^9, 4, 6, 12\})$	28283904
12	$\mathcal{O}(2; \{3^{12}, 4, 6, 12\})$	226520064
12	$\mathcal{O}(2; \{2^{13}, 4^3, 6, 12\})$	331776
12	$\mathcal{O}(2; \{2^9, 3^3, 4^3, 6, 12\})$	1658880
12	$\mathcal{O}(2; \{2^5, 3^6, 4^3, 6, 12\})$	14266368
12	$\mathcal{O}(2; \{2, 3^9, 4^3, 6, 12\})$	113135616
12	$\mathcal{O}(2; \{2^{10}, 4^5, 6, 12\})$	1327104
12	$\mathcal{O}(2; \{2^6, 3^3, 4^5, 6, 12\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^6, 4^5, 6, 12\})$	57065472
12	$\mathcal{O}(2; \{2^7, 4^7, 6, 12\})$	5308416
12	$\mathcal{O}(2; \{2^3, 3^3, 4^7, 6, 12\})$	26542080
12	$\mathcal{O}(2; \{2^4, 4^9, 6, 12\})$	21233664
12	$\mathcal{O}(2; \{3^3, 4^9, 6, 12\})$	106168320

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2, 4^{11}, 6, 12\})$	84934656
12	$\mathcal{O}(2; \{2^{13}, 3, 4, 6^2, 12\})$	248832
12	$\mathcal{O}(2; \{2^9, 3^4, 4, 6^2, 12\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^7, 4, 6^2, 12\})$	14183424
12	$\mathcal{O}(2; \{2, 3^{10}, 4, 6^2, 12\})$	113218560
12	$\mathcal{O}(2; \{2^{10}, 3, 4^3, 6^2, 12\})$	995328
12	$\mathcal{O}(2; \{2^6, 3^4, 4^3, 6^2, 12\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^7, 4^3, 6^2, 12\})$	56733696
12	$\mathcal{O}(2; \{2^7, 3, 4^5, 6^2, 12\})$	3981312
12	$\mathcal{O}(2; \{2^3, 3^4, 4^5, 6^2, 12\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3, 4^7, 6^2, 12\})$	15925248
12	$\mathcal{O}(2; \{3^4, 4^7, 6^2, 12\})$	111476736
12	$\mathcal{O}(2; \{2, 3, 4^9, 6^2, 12\})$	63700992
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4, 6^3, 12\})$	912384
12	$\mathcal{O}(2; \{2^6, 3^5, 4, 6^3, 12\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^8, 4, 6^3, 12\})$	56650752
12	$\mathcal{O}(2; \{2^7, 3^2, 4^3, 6^3, 12\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^5, 4^3, 6^3, 12\})$	28200960
12	$\mathcal{O}(2; \{2^4, 3^2, 4^5, 6^3, 12\})$	14598144
12	$\mathcal{O}(2; \{3^5, 4^5, 6^3, 12\})$	112803840
12	$\mathcal{O}(2; \{2, 3^2, 4^7, 6^3, 12\})$	58392576
12	$\mathcal{O}(2; \{2^{11}, 4, 6^4, 12\})$	414720
12	$\mathcal{O}(2; \{2^7, 3^3, 4, 6^4, 12\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^6, 4, 6^4, 12\})$	28283904
12	$\mathcal{O}(2; \{2^8, 4^3, 6^4, 12\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3^3, 4^3, 6^4, 12\})$	14266368
12	$\mathcal{O}(2; \{3^6, 4^3, 6^4, 12\})$	113135616
12	$\mathcal{O}(2; \{2^5, 4^5, 6^4, 12\})$	6635520
12	$\mathcal{O}(2; \{2, 3^3, 4^5, 6^4, 12\})$	57065472
12	$\mathcal{O}(2; \{2^2, 4^7, 6^4, 12\})$	26542080
12	$\mathcal{O}(2; \{2^8, 3, 4, 6^5, 12\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^4, 4, 6^5, 12\})$	14183424
12	$\mathcal{O}(2; \{3^7, 4, 6^5, 12\})$	113218560
12	$\mathcal{O}(2; \{2^5, 3, 4^3, 6^5, 12\})$	6967296
12	$\mathcal{O}(2; \{2, 3^4, 4^3, 6^5, 12\})$	56733696
12	$\mathcal{O}(2; \{2^2, 3, 4^5, 6^5, 12\})$	27869184
12	$\mathcal{O}(2; \{2^5, 3^2, 4, 6^6, 12\})$	7050240
12	$\mathcal{O}(2; \{2, 3^5, 4, 6^6, 12\})$	56650752
12	$\mathcal{O}(2; \{2^2, 3^2, 4^3, 6^6, 12\})$	28200960
12	$\mathcal{O}(2; \{2^6, 4, 6^7, 12\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^3, 4, 6^7, 12\})$	28283904
12	$\mathcal{O}(2; \{2^3, 4^3, 6^7, 12\})$	14266368
12	$\mathcal{O}(2; \{4^5, 6^7, 12\})$	57065472

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^3, 3, 4, 6^8, 12\})$	14183424
12	$\mathcal{O}(2; \{3, 4^3, 6^8, 12\})$	56733696
12	$\mathcal{O}(2; \{3^2, 4, 6^9, 12\})$	56650752
12	$\mathcal{O}(2; \{2, 4, 6^{10}, 12\})$	28283904
12	$\mathcal{O}(2; \{2^{16}, 3, 12^2\})$	82944
12	$\mathcal{O}(2; \{2^{12}, 3^4, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^8, 3^7, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^4, 3^{10}, 12^2\})$	56650752
12	$\mathcal{O}(2; \{3^{13}, 12^2\})$	452957184
12	$\mathcal{O}(2; \{2^{13}, 3, 4^2, 12^2\})$	331776
12	$\mathcal{O}(2; \{2^9, 3^4, 4^2, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^5, 3^7, 4^2, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2, 3^{10}, 4^2, 12^2\})$	226603008
12	$\mathcal{O}(2; \{2^{10}, 3, 4^4, 12^2\})$	1327104
12	$\mathcal{O}(2; \{2^6, 3^4, 4^4, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3^7, 4^4, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^7, 3, 4^6, 12^2\})$	5308416
12	$\mathcal{O}(2; \{2^3, 3^4, 4^6, 12^2\})$	58392576
12	$\mathcal{O}(2; \{2^4, 3, 4^8, 12^2\})$	21233664
12	$\mathcal{O}(2; \{3^4, 4^8, 12^2\})$	233570304
12	$\mathcal{O}(2; \{2, 3, 4^{10}, 12^2\})$	84934656
12	$\mathcal{O}(2; \{2^{13}, 3^2, 6, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^9, 3^5, 6, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^5, 3^8, 6, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2, 3^{11}, 6, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4^2, 6, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^6, 3^5, 4^2, 6, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^8, 4^2, 6, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^7, 3^2, 4^4, 6, 12^2\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3^5, 4^4, 6, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^4, 3^2, 4^6, 6, 12^2\})$	26542080
12	$\mathcal{O}(2; \{3^5, 4^6, 6, 12^2\})$	228261888
12	$\mathcal{O}(2; \{2, 3^2, 4^8, 6, 12^2\})$	106168320
12	$\mathcal{O}(2; \{2^{14}, 6^2, 12^2\})$	248832
12	$\mathcal{O}(2; \{2^{10}, 3^3, 6^2, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^6, 3^6, 6^2, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3^9, 6^2, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^{11}, 4^2, 6^2, 12^2\})$	995328
12	$\mathcal{O}(2; \{2^7, 3^3, 4^2, 6^2, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^6, 4^2, 6^2, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^8, 4^4, 6^2, 12^2\})$	3981312
12	$\mathcal{O}(2; \{2^4, 3^3, 4^4, 6^2, 12^2\})$	27869184
12	$\mathcal{O}(2; \{3^6, 4^4, 6^2, 12^2\})$	226934784

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^5, 4^6, 6^2, 12^2\})$	15925248
12	$\mathcal{O}(2; \{2, 3^3, 4^6, 6^2, 12^2\})$	111476736
12	$\mathcal{O}(2; \{2^2, 4^8, 6^2, 12^2\})$	63700992
12	$\mathcal{O}(2; \{2^{11}, 3, 6^3, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^7, 3^4, 6^3, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3^7, 6^3, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^8, 3, 4^2, 6^3, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^4, 4^2, 6^3, 12^2\})$	28200960
12	$\mathcal{O}(2; \{3^7, 4^2, 6^3, 12^2\})$	226603008
12	$\mathcal{O}(2; \{2^5, 3, 4^4, 6^3, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2, 3^4, 4^4, 6^3, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3, 4^6, 6^3, 12^2\})$	58392576
12	$\mathcal{O}(2; \{2^8, 3^2, 6^4, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3^5, 6^4, 12^2\})$	28283904
12	$\mathcal{O}(2; \{3^8, 6^4, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2^5, 3^2, 4^2, 6^4, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2, 3^5, 4^2, 6^4, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^2, 3^2, 4^4, 6^4, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^9, 6^5, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^3, 6^5, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2, 3^6, 6^5, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^6, 4^2, 6^5, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^3, 4^2, 6^5, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^3, 4^4, 6^5, 12^2\})$	27869184
12	$\mathcal{O}(2; \{4^6, 6^5, 12^2\})$	111476736
12	$\mathcal{O}(2; \{2^6, 3, 6^6, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^4, 6^6, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^3, 3, 4^2, 6^6, 12^2\})$	28200960
12	$\mathcal{O}(2; \{3, 4^4, 6^6, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^3, 3^2, 6^7, 12^2\})$	28283904
12	$\mathcal{O}(2; \{3^2, 4^2, 6^7, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^4, 6^8, 12^2\})$	14183424
12	$\mathcal{O}(2; \{3^3, 6^8, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2, 4^2, 6^8, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2, 3, 6^9, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^{14}, 4, 12^3\})$	331776
12	$\mathcal{O}(2; \{2^{10}, 3^3, 4, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^6, 3^6, 4, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^9, 4, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^{11}, 4^3, 12^3\})$	1327104
12	$\mathcal{O}(2; \{2^7, 3^3, 4^3, 12^3\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3^6, 4^3, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^8, 4^5, 12^3\})$	5308416

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^4, 3^3, 4^5, 12^3\})$	58392576
12	$\mathcal{O}(2; \{3^6, 4^5, 12^3\})$	451215360
12	$\mathcal{O}(2; \{2^5, 4^7, 12^3\})$	21233664
12	$\mathcal{O}(2; \{2, 3^3, 4^7, 12^3\})$	233570304
12	$\mathcal{O}(2; \{2^2, 4^9, 12^3\})$	84934656
12	$\mathcal{O}(2; \{2^{11}, 3, 4, 6, 12^3\})$	1658880
12	$\mathcal{O}(2; \{2^7, 3^4, 4, 6, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3^7, 4, 6, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^8, 3, 4^3, 6, 12^3\})$	6635520
12	$\mathcal{O}(2; \{2^4, 3^4, 4^3, 6, 12^3\})$	57065472
12	$\mathcal{O}(2; \{3^7, 4^3, 6, 12^3\})$	452542464
12	$\mathcal{O}(2; \{2^5, 3, 4^5, 6, 12^3\})$	26542080
12	$\mathcal{O}(2; \{2, 3^4, 4^5, 6, 12^3\})$	228261888
12	$\mathcal{O}(2; \{2^2, 3, 4^7, 6, 12^3\})$	106168320
12	$\mathcal{O}(2; \{2^8, 3^2, 4, 6^2, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^5, 4, 6^2, 12^3\})$	56733696
12	$\mathcal{O}(2; \{3^8, 4, 6^2, 12^3\})$	452874240
12	$\mathcal{O}(2; \{2^5, 3^2, 4^3, 6^2, 12^3\})$	27869184
12	$\mathcal{O}(2; \{2, 3^5, 4^3, 6^2, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2^2, 3^2, 4^5, 6^2, 12^3\})$	111476736
12	$\mathcal{O}(2; \{2^9, 4, 6^3, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^5, 3^3, 4, 6^3, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2, 3^6, 4, 6^3, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^6, 4^3, 6^3, 12^3\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3^3, 4^3, 6^3, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^3, 4^5, 6^3, 12^3\})$	58392576
12	$\mathcal{O}(2; \{4^7, 6^3, 12^3\})$	233570304
12	$\mathcal{O}(2; \{2^6, 3, 4, 6^4, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^4, 4, 6^4, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^3, 3, 4^3, 6^4, 12^3\})$	57065472
12	$\mathcal{O}(2; \{3, 4^5, 6^4, 12^3\})$	228261888
12	$\mathcal{O}(2; \{2^3, 3^2, 4, 6^5, 12^3\})$	56733696
12	$\mathcal{O}(2; \{3^2, 4^3, 6^5, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2^4, 4, 6^6, 12^3\})$	28200960
12	$\mathcal{O}(2; \{3^3, 4, 6^6, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2, 4^3, 6^6, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2, 3, 4, 6^7, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^{11}, 3^2, 12^4\})$	3649536
12	$\mathcal{O}(2; \{2^7, 3^5, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^3, 3^8, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^8, 3^2, 4^2, 12^4\})$	14598144
12	$\mathcal{O}(2; \{2^4, 3^5, 4^2, 12^4\})$	112803840
12	$\mathcal{O}(2; \{3^8, 4^2, 12^4\})$	906412032

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^5, 3^2, 4^4, 12^4\})$	58392576
12	$\mathcal{O}(2; \{2, 3^5, 4^4, 12^4\})$	451215360
12	$\mathcal{O}(2; \{2^2, 3^2, 4^6, 12^4\})$	233570304
12	$\mathcal{O}(2; \{2^{12}, 6, 12^4\})$	1658880
12	$\mathcal{O}(2; \{2^8, 3^3, 6, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^4, 3^6, 6, 12^4\})$	113135616
12	$\mathcal{O}(2; \{3^9, 6, 12^4\})$	906080256
12	$\mathcal{O}(2; \{2^9, 4^2, 6, 12^4\})$	6635520
12	$\mathcal{O}(2; \{2^5, 3^3, 4^2, 6, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2, 3^6, 4^2, 6, 12^4\})$	452542464
12	$\mathcal{O}(2; \{2^6, 4^4, 6, 12^4\})$	26542080
12	$\mathcal{O}(2; \{2^2, 3^3, 4^4, 6, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2^3, 4^6, 6, 12^4\})$	106168320
12	$\mathcal{O}(2; \{4^8, 6, 12^4\})$	424673280
12	$\mathcal{O}(2; \{2^9, 3, 6^2, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^5, 3^4, 6^2, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2, 3^7, 6^2, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2^6, 3, 4^2, 6^2, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^4, 4^2, 6^2, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^3, 3, 4^4, 6^2, 12^4\})$	111476736
12	$\mathcal{O}(2; \{3, 4^6, 6^2, 12^4\})$	445906944
12	$\mathcal{O}(2; \{2^6, 3^2, 6^3, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^5, 6^3, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^3, 3^2, 4^2, 6^3, 12^4\})$	112803840
12	$\mathcal{O}(2; \{3^2, 4^4, 6^3, 12^4\})$	451215360
12	$\mathcal{O}(2; \{2^7, 6^4, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3^3, 6^4, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^4, 4^2, 6^4, 12^4\})$	57065472
12	$\mathcal{O}(2; \{3^3, 4^2, 6^4, 12^4\})$	452542464
12	$\mathcal{O}(2; \{2, 4^4, 6^4, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2^4, 3, 6^5, 12^4\})$	56733696
12	$\mathcal{O}(2; \{3^4, 6^5, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2, 3, 4^2, 6^5, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2, 3^2, 6^6, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^2, 6^7, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^9, 3, 4, 12^5\})$	14598144
12	$\mathcal{O}(2; \{2^5, 3^4, 4, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2, 3^7, 4, 12^5\})$	906412032
12	$\mathcal{O}(2; \{2^6, 3, 4^3, 12^5\})$	58392576
12	$\mathcal{O}(2; \{2^2, 3^4, 4^3, 12^5\})$	451215360
12	$\mathcal{O}(2; \{2^3, 3, 4^5, 12^5\})$	233570304
12	$\mathcal{O}(2; \{3, 4^7, 12^5\})$	934281216
12	$\mathcal{O}(2; \{2^6, 3^2, 4, 6, 12^5\})$	57065472

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^2, 3^5, 4, 6, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^3, 3^2, 4^3, 6, 12^5\})$	228261888
12	$\mathcal{O}(2; \{3^2, 4^5, 6, 12^5\})$	913047552
12	$\mathcal{O}(2; \{2^7, 4, 6^2, 12^5\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^3, 4, 6^2, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2^4, 4^3, 6^2, 12^5\})$	111476736
12	$\mathcal{O}(2; \{3^3, 4^3, 6^2, 12^5\})$	907739136
12	$\mathcal{O}(2; \{2, 4^5, 6^2, 12^5\})$	445906944
12	$\mathcal{O}(2; \{2^4, 3, 4, 6^3, 12^5\})$	112803840
12	$\mathcal{O}(2; \{3^4, 4, 6^3, 12^5\})$	906412032
12	$\mathcal{O}(2; \{2, 3, 4^3, 6^3, 12^5\})$	451215360
12	$\mathcal{O}(2; \{2, 3^2, 4, 6^4, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^2, 4, 6^5, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2^{10}, 12^6\})$	14598144
12	$\mathcal{O}(2; \{2^6, 3^3, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3^6, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^7, 4^2, 12^6\})$	58392576
12	$\mathcal{O}(2; \{2^3, 3^3, 4^2, 12^6\})$	451215360
12	$\mathcal{O}(2; \{2^4, 4^4, 12^6\})$	233570304
12	$\mathcal{O}(2; \{3^3, 4^4, 12^6\})$	1804861440
12	$\mathcal{O}(2; \{2, 4^6, 12^6\})$	934281216
12	$\mathcal{O}(2; \{2^7, 3, 6, 12^6\})$	57065472
12	$\mathcal{O}(2; \{2^3, 3^4, 6, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2^4, 3, 4^2, 6, 12^6\})$	228261888
12	$\mathcal{O}(2; \{3^4, 4^2, 6, 12^6\})$	1810169856
12	$\mathcal{O}(2; \{2, 3, 4^4, 6, 12^6\})$	913047552
12	$\mathcal{O}(2; \{2^4, 3^2, 6^2, 12^6\})$	226934784
12	$\mathcal{O}(2; \{3^5, 6^2, 12^6\})$	1811496960
12	$\mathcal{O}(2; \{2, 3^2, 4^2, 6^2, 12^6\})$	907739136
12	$\mathcal{O}(2; \{2^5, 6^3, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2, 3^3, 6^3, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^2, 4^2, 6^3, 12^6\})$	451215360
12	$\mathcal{O}(2; \{2^2, 3, 6^4, 12^6\})$	452542464
12	$\mathcal{O}(2; \{6^6, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^4, 3^2, 4, 12^7\})$	451215360
12	$\mathcal{O}(2; \{3^5, 4, 12^7\})$	3625648128
12	$\mathcal{O}(2; \{2, 3^2, 4^3, 12^7\})$	1804861440
12	$\mathcal{O}(2; \{2^5, 4, 6, 12^7\})$	228261888
12	$\mathcal{O}(2; \{2, 3^3, 4, 6, 12^7\})$	1810169856
12	$\mathcal{O}(2; \{2^2, 4^3, 6, 12^7\})$	913047552
12	$\mathcal{O}(2; \{2^2, 3, 4, 6^2, 12^7\})$	907739136
12	$\mathcal{O}(2; \{4, 6^4, 12^7\})$	1810169856
12	$\mathcal{O}(2; \{2^5, 3, 12^8\})$	451215360

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2, 3^4, 12^8\})$	3625648128
12	$\mathcal{O}(2; \{2^2, 3, 4^2, 12^8\})$	1804861440
12	$\mathcal{O}(2; \{2^2, 3^2, 6, 12^8\})$	1810169856
12	$\mathcal{O}(2; \{2^3, 6^2, 12^8\})$	907739136
12	$\mathcal{O}(2; \{4^2, 6^2, 12^8\})$	3630956544
12	$\mathcal{O}(2; \{3, 6^3, 12^8\})$	3625648128
12	$\mathcal{O}(2; \{2^3, 4, 12^9\})$	1804861440
12	$\mathcal{O}(2; \{4^3, 12^9\})$	7219445760
12	$\mathcal{O}(2; \{3, 4, 6, 12^9\})$	7240679424
12	$\mathcal{O}(2; \{3^2, 12^{10}\})$	14502592512
12	$\mathcal{O}(2; \{2, 6, 12^{10}\})$	7240679424
12	$\mathcal{O}(1; \{2^{22}, 4^2\})$	256
12	$\mathcal{O}(1; \{2^{18}, 3^3, 4^2\})$	576
12	$\mathcal{O}(1; \{2^{14}, 3^6, 4^2\})$	6336
12	$\mathcal{O}(1; \{2^{10}, 3^9, 4^2\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^{12}, 4^2\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^{15}, 4^2\})$	3145536
12	$\mathcal{O}(1; \{2^{19}, 4^4\})$	1024
12	$\mathcal{O}(1; \{2^{15}, 3^3, 4^4\})$	2304
12	$\mathcal{O}(1; \{2^{11}, 3^6, 4^4\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^9, 4^4\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^{12}, 4^4\})$	1573632
12	$\mathcal{O}(1; \{2^{16}, 4^6\})$	4096
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^6\})$	9216
12	$\mathcal{O}(1; \{2^8, 3^6, 4^6\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^9, 4^6\})$	783360
12	$\mathcal{O}(1; \{3^{12}, 4^6\})$	6294528
12	$\mathcal{O}(1; \{2^{13}, 4^8\})$	16384
12	$\mathcal{O}(1; \{2^9, 3^3, 4^8\})$	36864
12	$\mathcal{O}(1; \{2^5, 3^6, 4^8\})$	405504
12	$\mathcal{O}(1; \{2, 3^9, 4^8\})$	3133440
12	$\mathcal{O}(1; \{2^{10}, 4^{10}\})$	65536
12	$\mathcal{O}(1; \{2^6, 3^3, 4^{10}\})$	147456
12	$\mathcal{O}(1; \{2^2, 3^6, 4^{10}\})$	1622016
12	$\mathcal{O}(1; \{2^7, 4^{12}\})$	262144
12	$\mathcal{O}(1; \{2^3, 3^3, 4^{12}\})$	589824
12	$\mathcal{O}(1; \{2^4, 4^{14}\})$	1048576
12	$\mathcal{O}(1; \{3^3, 4^{14}\})$	2359296
12	$\mathcal{O}(1; \{2, 4^{16}\})$	4194304
12	$\mathcal{O}(1; \{2^{19}, 3, 4^2, 6\})$	576
12	$\mathcal{O}(1; \{2^{15}, 3^4, 4^2, 6\})$	2880
12	$\mathcal{O}(1; \{2^{11}, 3^7, 4^2, 6\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^{10}, 4^2, 6\})$	196416

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3^{13}, 4^2, 6\})$	1573056
12	$\mathcal{O}(1; \{2^{16}, 3, 4^4, 6\})$	2304
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4^4, 6\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^7, 4^4, 6\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4^4, 6\})$	785664
12	$\mathcal{O}(1; \{3^{13}, 4^4, 6\})$	6292224
12	$\mathcal{O}(1; \{2^{13}, 3, 4^6, 6\})$	9216
12	$\mathcal{O}(1; \{2^9, 3^4, 4^6, 6\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^7, 4^6, 6\})$	396288
12	$\mathcal{O}(1; \{2, 3^{10}, 4^6, 6\})$	3142656
12	$\mathcal{O}(1; \{2^{10}, 3, 4^8, 6\})$	36864
12	$\mathcal{O}(1; \{2^6, 3^4, 4^8, 6\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^7, 4^8, 6\})$	1585152
12	$\mathcal{O}(1; \{2^7, 3, 4^{10}, 6\})$	147456
12	$\mathcal{O}(1; \{2^3, 3^4, 4^{10}, 6\})$	737280
12	$\mathcal{O}(1; \{2^4, 3, 4^{12}, 6\})$	589824
12	$\mathcal{O}(1; \{3^4, 4^{12}, 6\})$	2949120
12	$\mathcal{O}(1; \{2, 3, 4^{14}, 6\})$	2359296
12	$\mathcal{O}(1; \{2^{16}, 3^2, 4^2, 6^2\})$	1728
12	$\mathcal{O}(1; \{2^{12}, 3^5, 4^2, 6^2\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^8, 4^2, 6^2\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^{11}, 4^2, 6^2\})$	786240
12	$\mathcal{O}(1; \{3^{14}, 4^2, 6^2\})$	6291648
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^4, 6^2\})$	6912
12	$\mathcal{O}(1; \{2^9, 3^5, 4^4, 6^2\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^8, 4^4, 6^2\})$	393984
12	$\mathcal{O}(1; \{2, 3^{11}, 4^4, 6^2\})$	3144960
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^6, 6^2\})$	27648
12	$\mathcal{O}(1; \{2^6, 3^5, 4^6, 6^2\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^8, 4^6, 6^2\})$	1575936
12	$\mathcal{O}(1; \{2^7, 3^2, 4^8, 6^2\})$	110592
12	$\mathcal{O}(1; \{2^3, 3^5, 4^8, 6^2\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^2, 4^{10}, 6^2\})$	442368
12	$\mathcal{O}(1; \{3^5, 4^{10}, 6^2\})$	3096576
12	$\mathcal{O}(1; \{2, 3^2, 4^{12}, 6^2\})$	1769472
12	$\mathcal{O}(1; \{2^{17}, 4^2, 6^3\})$	576
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4^2, 6^3\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^6, 4^2, 6^3\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^9, 4^2, 6^3\})$	393408
12	$\mathcal{O}(1; \{2, 3^{12}, 4^2, 6^3\})$	3145536
12	$\mathcal{O}(1; \{2^{14}, 4^4, 6^3\})$	2304
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^4, 6^3\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^6, 4^4, 6^3\})$	195840

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3^9, 4^4, 6^3\})$	1573632
12	$\mathcal{O}(1; \{2^{11}, 4^6, 6^3\})$	9216
12	$\mathcal{O}(1; \{2^7, 3^3, 4^6, 6^3\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^6, 4^6, 6^3\})$	783360
12	$\mathcal{O}(1; \{2^8, 4^8, 6^3\})$	36864
12	$\mathcal{O}(1; \{2^4, 3^3, 4^8, 6^3\})$	405504
12	$\mathcal{O}(1; \{3^6, 4^8, 6^3\})$	3133440
12	$\mathcal{O}(1; \{2^5, 4^{10}, 6^3\})$	147456
12	$\mathcal{O}(1; \{2, 3^3, 4^{10}, 6^3\})$	1622016
12	$\mathcal{O}(1; \{2^2, 4^{12}, 6^3\})$	589824
12	$\mathcal{O}(1; \{2^{14}, 3, 4^2, 6^4\})$	2880
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^2, 6^4\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^7, 4^2, 6^4\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^2, 6^4\})$	1573056
12	$\mathcal{O}(1; \{2^{11}, 3, 4^4, 6^4\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^4, 4^4, 6^4\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^7, 4^4, 6^4\})$	785664
12	$\mathcal{O}(1; \{2^8, 3, 4^6, 6^4\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^4, 4^6, 6^4\})$	396288
12	$\mathcal{O}(1; \{3^7, 4^6, 6^4\})$	3142656
12	$\mathcal{O}(1; \{2^5, 3, 4^8, 6^4\})$	184320
12	$\mathcal{O}(1; \{2, 3^4, 4^8, 6^4\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3, 4^{10}, 6^4\})$	737280
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^2, 6^5\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^5, 4^2, 6^5\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^8, 4^2, 6^5\})$	786240
12	$\mathcal{O}(1; \{2^8, 3^2, 4^4, 6^5\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^5, 4^4, 6^5\})$	393984
12	$\mathcal{O}(1; \{3^8, 4^4, 6^5\})$	3144960
12	$\mathcal{O}(1; \{2^5, 3^2, 4^6, 6^5\})$	193536
12	$\mathcal{O}(1; \{2, 3^5, 4^6, 6^5\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^2, 4^8, 6^5\})$	774144
12	$\mathcal{O}(1; \{2^{12}, 4^2, 6^6\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^3, 4^2, 6^6\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^6, 4^2, 6^6\})$	393408
12	$\mathcal{O}(1; \{3^9, 4^2, 6^6\})$	3145536
12	$\mathcal{O}(1; \{2^9, 4^4, 6^6\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^3, 4^4, 6^6\})$	195840
12	$\mathcal{O}(1; \{2, 3^6, 4^4, 6^6\})$	1573632
12	$\mathcal{O}(1; \{2^6, 4^6, 6^6\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^3, 4^6, 6^6\})$	783360
12	$\mathcal{O}(1; \{2^3, 4^8, 6^6\})$	405504
12	$\mathcal{O}(1; \{4^{10}, 6^6\})$	1622016

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^9, 3, 4^2, 6^7\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^4, 4^2, 6^7\})$	196416
12	$\mathcal{O}(1; \{2, 3^7, 4^2, 6^7\})$	1573056
12	$\mathcal{O}(1; \{2^6, 3, 4^4, 6^7\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^4, 4^4, 6^7\})$	785664
12	$\mathcal{O}(1; \{2^3, 3, 4^6, 6^7\})$	396288
12	$\mathcal{O}(1; \{3, 4^8, 6^7\})$	1585152
12	$\mathcal{O}(1; \{2^6, 3^2, 4^2, 6^8\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^5, 4^2, 6^8\})$	786240
12	$\mathcal{O}(1; \{2^3, 3^2, 4^4, 6^8\})$	393984
12	$\mathcal{O}(1; \{3^2, 4^6, 6^8\})$	1575936
12	$\mathcal{O}(1; \{2^7, 4^2, 6^9\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 6^9\})$	393408
12	$\mathcal{O}(1; \{2^4, 4^4, 6^9\})$	195840
12	$\mathcal{O}(1; \{3^3, 4^4, 6^9\})$	1573632
12	$\mathcal{O}(1; \{2, 4^6, 6^9\})$	783360
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 6^{10}\})$	196416
12	$\mathcal{O}(1; \{3^4, 4^2, 6^{10}\})$	1573056
12	$\mathcal{O}(1; \{2, 3, 4^4, 6^{10}\})$	785664
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^{11}\})$	786240
12	$\mathcal{O}(1; \{2^2, 4^2, 6^{12}\})$	393408
12	$\mathcal{O}(1; \{2^{19}, 3^2, 4, 12\})$	576
12	$\mathcal{O}(1; \{2^{15}, 3^5, 4, 12\})$	6336
12	$\mathcal{O}(1; \{2^{11}, 3^8, 4, 12\})$	48960
12	$\mathcal{O}(1; \{2^7, 3^{11}, 4, 12\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^{14}, 4, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{16}, 3^2, 4^3, 12\})$	2304
12	$\mathcal{O}(1; \{2^{12}, 3^5, 4^3, 12\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^8, 4^3, 12\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^{11}, 4^3, 12\})$	1573632
12	$\mathcal{O}(1; \{3^{14}, 4^3, 12\})$	12582144
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^5, 12\})$	9216
12	$\mathcal{O}(1; \{2^9, 3^5, 4^5, 12\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^8, 4^5, 12\})$	783360
12	$\mathcal{O}(1; \{2, 3^{11}, 4^5, 12\})$	6294528
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^7, 12\})$	36864
12	$\mathcal{O}(1; \{2^6, 3^5, 4^7, 12\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^8, 4^7, 12\})$	3133440
12	$\mathcal{O}(1; \{2^7, 3^2, 4^9, 12\})$	147456
12	$\mathcal{O}(1; \{2^3, 3^5, 4^9, 12\})$	1622016
12	$\mathcal{O}(1; \{2^4, 3^2, 4^{11}, 12\})$	589824
12	$\mathcal{O}(1; \{3^5, 4^{11}, 12\})$	6488064
12	$\mathcal{O}(1; \{2, 3^2, 4^{13}, 12\})$	2359296

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{20}, 4, 6, 12\})$	576
12	$\mathcal{O}(1; \{2^{16}, 3^3, 4, 6, 12\})$	2880
12	$\mathcal{O}(1; \{2^{12}, 3^6, 4, 6, 12\})$	24768
12	$\mathcal{O}(1; \{2^8, 3^9, 4, 6, 12\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^{12}, 4, 6, 12\})$	1573056
12	$\mathcal{O}(1; \{3^{15}, 4, 6, 12\})$	12582720
12	$\mathcal{O}(1; \{2^{17}, 4^3, 6, 12\})$	2304
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4^3, 6, 12\})$	11520
12	$\mathcal{O}(1; \{2^9, 3^6, 4^3, 6, 12\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^9, 4^3, 6, 12\})$	785664
12	$\mathcal{O}(1; \{2, 3^{12}, 4^3, 6, 12\})$	6292224
12	$\mathcal{O}(1; \{2^{14}, 4^5, 6, 12\})$	9216
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^5, 6, 12\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^6, 4^5, 6, 12\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^9, 4^5, 6, 12\})$	3142656
12	$\mathcal{O}(1; \{2^{11}, 4^7, 6, 12\})$	36864
12	$\mathcal{O}(1; \{2^7, 3^3, 4^7, 6, 12\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^6, 4^7, 6, 12\})$	1585152
12	$\mathcal{O}(1; \{2^8, 4^9, 6, 12\})$	147456
12	$\mathcal{O}(1; \{2^4, 3^3, 4^9, 6, 12\})$	737280
12	$\mathcal{O}(1; \{3^6, 4^9, 6, 12\})$	6340608
12	$\mathcal{O}(1; \{2^5, 4^{11}, 6, 12\})$	589824
12	$\mathcal{O}(1; \{2, 3^3, 4^{11}, 6, 12\})$	2949120
12	$\mathcal{O}(1; \{2^2, 4^{13}, 6, 12\})$	2359296
12	$\mathcal{O}(1; \{2^{17}, 3, 4, 6^2, 12\})$	1728
12	$\mathcal{O}(1; \{2^{13}, 3^4, 4, 6^2, 12\})$	12096
12	$\mathcal{O}(1; \{2^9, 3^7, 4, 6^2, 12\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^{10}, 4, 6^2, 12\})$	786240
12	$\mathcal{O}(1; \{2, 3^{13}, 4, 6^2, 12\})$	6291648
12	$\mathcal{O}(1; \{2^{14}, 3, 4^3, 6^2, 12\})$	6912
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^3, 6^2, 12\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^7, 4^3, 6^2, 12\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^3, 6^2, 12\})$	3144960
12	$\mathcal{O}(1; \{2^{11}, 3, 4^5, 6^2, 12\})$	27648
12	$\mathcal{O}(1; \{2^7, 3^4, 4^5, 6^2, 12\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^7, 4^5, 6^2, 12\})$	1575936
12	$\mathcal{O}(1; \{2^8, 3, 4^7, 6^2, 12\})$	110592
12	$\mathcal{O}(1; \{2^4, 3^4, 4^7, 6^2, 12\})$	774144
12	$\mathcal{O}(1; \{3^7, 4^7, 6^2, 12\})$	6303744
12	$\mathcal{O}(1; \{2^5, 3, 4^9, 6^2, 12\})$	442368
12	$\mathcal{O}(1; \{2, 3^4, 4^9, 6^2, 12\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3, 4^{11}, 6^2, 12\})$	1769472
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4, 6^3, 12\})$	6336

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4, 6^3, 12\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^8, 4, 6^3, 12\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4, 6^3, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^3, 6^3, 12\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^5, 4^3, 6^3, 12\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^8, 4^3, 6^3, 12\})$	1573632
12	$\mathcal{O}(1; \{2^8, 3^2, 4^5, 6^3, 12\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^5, 4^5, 6^3, 12\})$	783360
12	$\mathcal{O}(1; \{3^8, 4^5, 6^3, 12\})$	6294528
12	$\mathcal{O}(1; \{2^5, 3^2, 4^7, 6^3, 12\})$	405504
12	$\mathcal{O}(1; \{2, 3^5, 4^7, 6^3, 12\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^2, 4^9, 6^3, 12\})$	1622016
12	$\mathcal{O}(1; \{2^{15}, 4, 6^4, 12\})$	2880
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4, 6^4, 12\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^6, 4, 6^4, 12\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^9, 4, 6^4, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{12}, 4^3, 6^4, 12\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^3, 4^3, 6^4, 12\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^6, 4^3, 6^4, 12\})$	785664
12	$\mathcal{O}(1; \{3^9, 4^3, 6^4, 12\})$	6292224
12	$\mathcal{O}(1; \{2^9, 4^5, 6^4, 12\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^3, 4^5, 6^4, 12\})$	396288
12	$\mathcal{O}(1; \{2, 3^6, 4^5, 6^4, 12\})$	3142656
12	$\mathcal{O}(1; \{2^6, 4^7, 6^4, 12\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^3, 4^7, 6^4, 12\})$	1585152
12	$\mathcal{O}(1; \{2^3, 4^9, 6^4, 12\})$	737280
12	$\mathcal{O}(1; \{4^{11}, 6^4, 12\})$	2949120
12	$\mathcal{O}(1; \{2^{12}, 3, 4, 6^5, 12\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^4, 4, 6^5, 12\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^7, 4, 6^5, 12\})$	786240
12	$\mathcal{O}(1; \{3^{10}, 4, 6^5, 12\})$	6291648
12	$\mathcal{O}(1; \{2^9, 3, 4^3, 6^5, 12\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^4, 4^3, 6^5, 12\})$	393984
12	$\mathcal{O}(1; \{2, 3^7, 4^3, 6^5, 12\})$	3144960
12	$\mathcal{O}(1; \{2^6, 3, 4^5, 6^5, 12\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^4, 4^5, 6^5, 12\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3, 4^7, 6^5, 12\})$	774144
12	$\mathcal{O}(1; \{3, 4^9, 6^5, 12\})$	3096576
12	$\mathcal{O}(1; \{2^9, 3^2, 4, 6^6, 12\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^5, 4, 6^6, 12\})$	393408
12	$\mathcal{O}(1; \{2, 3^8, 4, 6^6, 12\})$	3145536
12	$\mathcal{O}(1; \{2^6, 3^2, 4^3, 6^6, 12\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^5, 4^3, 6^6, 12\})$	1573632

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3^2, 4^5, 6^6, 12\})$	783360
12	$\mathcal{O}(1; \{3^2, 4^7, 6^6, 12\})$	3133440
12	$\mathcal{O}(1; \{2^{10}, 4, 6^7, 12\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^3, 4, 6^7, 12\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^6, 4, 6^7, 12\})$	1573056
12	$\mathcal{O}(1; \{2^7, 4^3, 6^7, 12\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^3, 4^3, 6^7, 12\})$	785664
12	$\mathcal{O}(1; \{2^4, 4^5, 6^7, 12\})$	396288
12	$\mathcal{O}(1; \{3^3, 4^5, 6^7, 12\})$	3142656
12	$\mathcal{O}(1; \{2, 4^7, 6^7, 12\})$	1585152
12	$\mathcal{O}(1; \{2^7, 3, 4, 6^8, 12\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^4, 4, 6^8, 12\})$	786240
12	$\mathcal{O}(1; \{2^4, 3, 4^3, 6^8, 12\})$	393984
12	$\mathcal{O}(1; \{3^4, 4^3, 6^8, 12\})$	3144960
12	$\mathcal{O}(1; \{2, 3, 4^5, 6^8, 12\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 6^9, 12\})$	393408
12	$\mathcal{O}(1; \{3^5, 4, 6^9, 12\})$	3145536
12	$\mathcal{O}(1; \{2, 3^2, 4^3, 6^9, 12\})$	1573632
12	$\mathcal{O}(1; \{2^5, 4, 6^{10}, 12\})$	196416
12	$\mathcal{O}(1; \{2, 3^3, 4, 6^{10}, 12\})$	1573056
12	$\mathcal{O}(1; \{2^2, 4^3, 6^{10}, 12\})$	785664
12	$\mathcal{O}(1; \{2^2, 3, 4, 6^{11}, 12\})$	786240
12	$\mathcal{O}(1; \{4, 6^{13}, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{20}, 3, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{16}, 3^4, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^{12}, 3^7, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^8, 3^{10}, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^4, 3^{13}, 12^2\})$	3145536
12	$\mathcal{O}(1; \{3^{16}, 12^2\})$	25166016
12	$\mathcal{O}(1; \{2^{17}, 3, 4^2, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^{13}, 3^4, 4^2, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^9, 3^7, 4^2, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^{10}, 4^2, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2, 3^{13}, 4^2, 12^2\})$	12582144
12	$\mathcal{O}(1; \{2^{14}, 3, 4^4, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^4, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^6, 3^7, 4^4, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^4, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^{11}, 3, 4^6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^7, 3^4, 4^6, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^7, 4^6, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^8, 3, 4^8, 12^2\})$	147456
12	$\mathcal{O}(1; \{2^4, 3^4, 4^8, 12^2\})$	1622016

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^7, 4^8, 12^2\})$	12533760
12	$\mathcal{O}(1; \{2^5, 3, 4^{10}, 12^2\})$	589824
12	$\mathcal{O}(1; \{2, 3^4, 4^{10}, 12^2\})$	6488064
12	$\mathcal{O}(1; \{2^2, 3, 4^{12}, 12^2\})$	2359296
12	$\mathcal{O}(1; \{2^{17}, 3^2, 6, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{13}, 3^5, 6, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^9, 3^8, 6, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^5, 3^{11}, 6, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2, 3^{14}, 6, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4^2, 6, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4^2, 6, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^8, 4^2, 6, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4^2, 6, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^4, 6, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^7, 3^5, 4^4, 6, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^8, 4^4, 6, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^8, 3^2, 4^6, 6, 12^2\})$	184320
12	$\mathcal{O}(1; \{2^4, 3^5, 4^6, 6, 12^2\})$	1585152
12	$\mathcal{O}(1; \{3^8, 4^6, 6, 12^2\})$	12570624
12	$\mathcal{O}(1; \{2^5, 3^2, 4^8, 6, 12^2\})$	737280
12	$\mathcal{O}(1; \{2, 3^5, 4^8, 6, 12^2\})$	6340608
12	$\mathcal{O}(1; \{2^2, 3^2, 4^{10}, 6, 12^2\})$	2949120
12	$\mathcal{O}(1; \{2^{18}, 6^2, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{14}, 3^3, 6^2, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^{10}, 3^6, 6^2, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^6, 3^9, 6^2, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^2, 3^{12}, 6^2, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{15}, 4^2, 6^2, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^2, 6^2, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^6, 4^2, 6^2, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^9, 4^2, 6^2, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^{12}, 4^4, 6^2, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^8, 3^3, 4^4, 6^2, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^6, 4^4, 6^2, 12^2\})$	1575936
12	$\mathcal{O}(1; \{3^9, 4^4, 6^2, 12^2\})$	12579840
12	$\mathcal{O}(1; \{2^9, 4^6, 6^2, 12^2\})$	110592
12	$\mathcal{O}(1; \{2^5, 3^3, 4^6, 6^2, 12^2\})$	774144
12	$\mathcal{O}(1; \{2, 3^6, 4^6, 6^2, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^6, 4^8, 6^2, 12^2\})$	442368
12	$\mathcal{O}(1; \{2^2, 3^3, 4^8, 6^2, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^3, 4^{10}, 6^2, 12^2\})$	1769472
12	$\mathcal{O}(1; \{4^{12}, 6^2, 12^2\})$	7077888
12	$\mathcal{O}(1; \{2^{15}, 3, 6^3, 12^2\})$	6336

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{11}, 3^4, 6^3, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^7, 3^7, 6^3, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^{10}, 6^3, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{12}, 3, 4^2, 6^3, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^4, 4^2, 6^3, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^7, 4^2, 6^3, 12^2\})$	1573632
12	$\mathcal{O}(1; \{3^{10}, 4^2, 6^3, 12^2\})$	12582144
12	$\mathcal{O}(1; \{2^9, 3, 4^4, 6^3, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^4, 4^4, 6^3, 12^2\})$	783360
12	$\mathcal{O}(1; \{2, 3^7, 4^4, 6^3, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^6, 3, 4^6, 6^3, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^4, 4^6, 6^3, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3, 4^8, 6^3, 12^2\})$	1622016
12	$\mathcal{O}(1; \{3, 4^{10}, 6^3, 12^2\})$	6488064
12	$\mathcal{O}(1; \{2^{12}, 3^2, 6^4, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^8, 3^5, 6^4, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^8, 6^4, 12^2\})$	1573056
12	$\mathcal{O}(1; \{3^{11}, 6^4, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^9, 3^2, 4^2, 6^4, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^5, 4^2, 6^4, 12^2\})$	785664
12	$\mathcal{O}(1; \{2, 3^8, 4^2, 6^4, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^6, 3^2, 4^4, 6^4, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^5, 4^4, 6^4, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3^2, 4^6, 6^4, 12^2\})$	1585152
12	$\mathcal{O}(1; \{3^2, 4^8, 6^4, 12^2\})$	6340608
12	$\mathcal{O}(1; \{2^{13}, 6^5, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^9, 3^3, 6^5, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^6, 6^5, 12^2\})$	786240
12	$\mathcal{O}(1; \{2, 3^9, 6^5, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{10}, 4^2, 6^5, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^3, 4^2, 6^5, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^6, 4^2, 6^5, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^7, 4^4, 6^5, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^3, 4^4, 6^5, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^4, 4^6, 6^5, 12^2\})$	774144
12	$\mathcal{O}(1; \{3^3, 4^6, 6^5, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2, 4^8, 6^5, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^{10}, 3, 6^6, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^4, 6^6, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^7, 6^6, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^7, 3, 4^2, 6^6, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^4, 4^2, 6^6, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^4, 3, 4^4, 6^6, 12^2\})$	783360

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^4, 4^4, 6^6, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2, 3, 4^6, 6^6, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^7, 3^2, 6^7, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^5, 6^7, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 6^7, 12^2\})$	785664
12	$\mathcal{O}(1; \{3^5, 4^2, 6^7, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2, 3^2, 4^4, 6^7, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^8, 6^8, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^3, 6^8, 12^2\})$	786240
12	$\mathcal{O}(1; \{3^6, 6^8, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^5, 4^2, 6^8, 12^2\})$	393984
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 6^8, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^2, 4^4, 6^8, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3, 6^9, 12^2\})$	393408
12	$\mathcal{O}(1; \{2, 3^4, 6^9, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^9, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^2, 6^{10}, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^3, 6^{11}, 12^2\})$	786240
12	$\mathcal{O}(1; \{4^2, 6^{11}, 12^2\})$	3144960
12	$\mathcal{O}(1; \{3, 6^{12}, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{18}, 4, 12^3\})$	2304
12	$\mathcal{O}(1; \{2^{14}, 3^3, 4, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^{10}, 3^6, 4, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^6, 3^9, 4, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^{12}, 4, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^{15}, 4^3, 12^3\})$	9216
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^3, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^7, 3^6, 4^3, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^9, 4^3, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^{12}, 4^5, 12^3\})$	36864
12	$\mathcal{O}(1; \{2^8, 3^3, 4^5, 12^3\})$	405504
12	$\mathcal{O}(1; \{2^4, 3^6, 4^5, 12^3\})$	3133440
12	$\mathcal{O}(1; \{3^9, 4^5, 12^3\})$	25178112
12	$\mathcal{O}(1; \{2^9, 4^7, 12^3\})$	147456
12	$\mathcal{O}(1; \{2^5, 3^3, 4^7, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2, 3^6, 4^7, 12^3\})$	12533760
12	$\mathcal{O}(1; \{2^6, 4^9, 12^3\})$	589824
12	$\mathcal{O}(1; \{2^2, 3^3, 4^9, 12^3\})$	6488064
12	$\mathcal{O}(1; \{2^3, 4^{11}, 12^3\})$	2359296
12	$\mathcal{O}(1; \{4^{13}, 12^3\})$	9437184
12	$\mathcal{O}(1; \{2^{15}, 3, 4, 6, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4, 6, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^7, 3^7, 4, 6, 12^3\})$	785664

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4, 6, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^{12}, 3, 4^3, 6, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^8, 3^4, 4^3, 6, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^7, 4^3, 6, 12^3\})$	3142656
12	$\mathcal{O}(1; \{3^{10}, 4^3, 6, 12^3\})$	25168896
12	$\mathcal{O}(1; \{2^9, 3, 4^5, 6, 12^3\})$	184320
12	$\mathcal{O}(1; \{2^5, 3^4, 4^5, 6, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2, 3^7, 4^5, 6, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2^6, 3, 4^7, 6, 12^3\})$	737280
12	$\mathcal{O}(1; \{2^2, 3^4, 4^7, 6, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^3, 3, 4^9, 6, 12^3\})$	2949120
12	$\mathcal{O}(1; \{3, 4^{11}, 6, 12^3\})$	11796480
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4, 6^2, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^8, 3^5, 4, 6^2, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^8, 4, 6^2, 12^3\})$	3144960
12	$\mathcal{O}(1; \{3^{11}, 4, 6^2, 12^3\})$	25166592
12	$\mathcal{O}(1; \{2^9, 3^2, 4^3, 6^2, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^5, 4^3, 6^2, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2, 3^8, 4^3, 6^2, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^6, 3^2, 4^5, 6^2, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^5, 4^5, 6^2, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3^2, 4^7, 6^2, 12^3\})$	3096576
12	$\mathcal{O}(1; \{3^2, 4^9, 6^2, 12^3\})$	12386304
12	$\mathcal{O}(1; \{2^{13}, 4, 6^3, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^9, 3^3, 4, 6^3, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^6, 4, 6^3, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2, 3^9, 4, 6^3, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^{10}, 4^3, 6^3, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^6, 3^3, 4^3, 6^3, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^6, 4^3, 6^3, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^7, 4^5, 6^3, 12^3\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^3, 4^5, 6^3, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^4, 4^7, 6^3, 12^3\})$	1622016
12	$\mathcal{O}(1; \{3^3, 4^7, 6^3, 12^3\})$	12533760
12	$\mathcal{O}(1; \{2, 4^9, 6^3, 12^3\})$	6488064
12	$\mathcal{O}(1; \{2^{10}, 3, 4, 6^4, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^4, 4, 6^4, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^7, 4, 6^4, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^7, 3, 4^3, 6^4, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^4, 4^3, 6^4, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^4, 3, 4^5, 6^4, 12^3\})$	1585152
12	$\mathcal{O}(1; \{3^4, 4^5, 6^4, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2, 3, 4^7, 6^4, 12^3\})$	6340608

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^7, 3^2, 4, 6^5, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^5, 4, 6^5, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^4, 3^2, 4^3, 6^5, 12^3\})$	1575936
12	$\mathcal{O}(1; \{3^5, 4^3, 6^5, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2, 3^2, 4^5, 6^5, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^8, 4, 6^6, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^3, 4, 6^6, 12^3\})$	1573632
12	$\mathcal{O}(1; \{3^6, 4, 6^6, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^5, 4^3, 6^6, 12^3\})$	783360
12	$\mathcal{O}(1; \{2, 3^3, 4^3, 6^6, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^2, 4^5, 6^6, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^5, 3, 4, 6^7, 12^3\})$	785664
12	$\mathcal{O}(1; \{2, 3^4, 4, 6^7, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 6^7, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^8, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^3, 4, 6^9, 12^3\})$	1573632
12	$\mathcal{O}(1; \{4^3, 6^9, 12^3\})$	6294528
12	$\mathcal{O}(1; \{3, 4, 6^{10}, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^{15}, 3^2, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^{11}, 3^5, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^7, 3^8, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^3, 3^{11}, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^2, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^8, 3^5, 4^2, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^8, 4^2, 12^4\})$	6294528
12	$\mathcal{O}(1; \{3^{11}, 4^2, 12^4\})$	50328576
12	$\mathcal{O}(1; \{2^9, 3^2, 4^4, 12^4\})$	405504
12	$\mathcal{O}(1; \{2^5, 3^5, 4^4, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2, 3^8, 4^4, 12^4\})$	25178112
12	$\mathcal{O}(1; \{2^6, 3^2, 4^6, 12^4\})$	1622016
12	$\mathcal{O}(1; \{2^2, 3^5, 4^6, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2^3, 3^2, 4^8, 12^4\})$	6488064
12	$\mathcal{O}(1; \{3^2, 4^{10}, 12^4\})$	25952256
12	$\mathcal{O}(1; \{2^{16}, 6, 12^4\})$	11520
12	$\mathcal{O}(1; \{2^{12}, 3^3, 6, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^8, 3^6, 6, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^4, 3^9, 6, 12^4\})$	6292224
12	$\mathcal{O}(1; \{3^{12}, 6, 12^4\})$	50330880
12	$\mathcal{O}(1; \{2^{13}, 4^2, 6, 12^4\})$	46080
12	$\mathcal{O}(1; \{2^9, 3^3, 4^2, 6, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^5, 3^6, 4^2, 6, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2, 3^9, 4^2, 6, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2^{10}, 4^4, 6, 12^4\})$	184320

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^6, 3^3, 4^4, 6, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^6, 4^4, 6, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^7, 4^6, 6, 12^4\})$	737280
12	$\mathcal{O}(1; \{2^3, 3^3, 4^6, 6, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2^4, 4^8, 6, 12^4\})$	2949120
12	$\mathcal{O}(1; \{3^3, 4^8, 6, 12^4\})$	25362432
12	$\mathcal{O}(1; \{2, 4^{10}, 6, 12^4\})$	11796480
12	$\mathcal{O}(1; \{2^{13}, 3, 6^2, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^9, 3^4, 6^2, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^5, 3^7, 6^2, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2, 3^{10}, 6^2, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^{10}, 3, 4^2, 6^2, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^6, 3^4, 4^2, 6^2, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^7, 4^2, 6^2, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^7, 3, 4^4, 6^2, 12^4\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^4, 4^4, 6^2, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^4, 3, 4^6, 6^2, 12^4\})$	3096576
12	$\mathcal{O}(1; \{3^4, 4^6, 6^2, 12^4\})$	25214976
12	$\mathcal{O}(1; \{2, 3, 4^8, 6^2, 12^4\})$	12386304
12	$\mathcal{O}(1; \{2^{10}, 3^2, 6^3, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^6, 3^5, 6^3, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^8, 6^3, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^7, 3^2, 4^2, 6^3, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^5, 4^2, 6^3, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^4, 3^2, 4^4, 6^3, 12^4\})$	3133440
12	$\mathcal{O}(1; \{3^5, 4^4, 6^3, 12^4\})$	25178112
12	$\mathcal{O}(1; \{2, 3^2, 4^6, 6^3, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2^{11}, 6^4, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^7, 3^3, 6^4, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^6, 6^4, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^8, 4^2, 6^4, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^3, 4^2, 6^4, 12^4\})$	3142656
12	$\mathcal{O}(1; \{3^6, 4^2, 6^4, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2^5, 4^4, 6^4, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2, 3^3, 4^4, 6^4, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^2, 4^6, 6^4, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2^8, 3, 6^5, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^4, 6^5, 12^4\})$	3144960
12	$\mathcal{O}(1; \{3^7, 6^5, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 6^5, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 6^5, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 6^5, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^5, 3^2, 6^6, 12^4\})$	1573632

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^5, 6^6, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^6, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^6, 6^7, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^3, 6^7, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^3, 4^2, 6^7, 12^4\})$	3142656
12	$\mathcal{O}(1; \{4^4, 6^7, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^3, 3, 6^8, 12^4\})$	3144960
12	$\mathcal{O}(1; \{3, 4^2, 6^8, 12^4\})$	12579840
12	$\mathcal{O}(1; \{3^2, 6^9, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2, 6^{10}, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^{13}, 3, 4, 12^5\})$	101376
12	$\mathcal{O}(1; \{2^9, 3^4, 4, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^5, 3^7, 4, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2, 3^{10}, 4, 12^5\})$	50328576
12	$\mathcal{O}(1; \{2^{10}, 3, 4^3, 12^5\})$	405504
12	$\mathcal{O}(1; \{2^6, 3^4, 4^3, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^7, 4^3, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2^7, 3, 4^5, 12^5\})$	1622016
12	$\mathcal{O}(1; \{2^3, 3^4, 4^5, 12^5\})$	12533760
12	$\mathcal{O}(1; \{2^4, 3, 4^7, 12^5\})$	6488064
12	$\mathcal{O}(1; \{3^4, 4^7, 12^5\})$	50135040
12	$\mathcal{O}(1; \{2, 3, 4^9, 12^5\})$	25952256
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4, 6, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^6, 3^5, 4, 6, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^8, 4, 6, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^7, 3^2, 4^3, 6, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^5, 4^3, 6, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^4, 3^2, 4^5, 6, 12^5\})$	6340608
12	$\mathcal{O}(1; \{3^5, 4^5, 6, 12^5\})$	50282496
12	$\mathcal{O}(1; \{2, 3^2, 4^7, 6, 12^5\})$	25362432
12	$\mathcal{O}(1; \{2^{11}, 4, 6^2, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^7, 3^3, 4, 6^2, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^6, 4, 6^2, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^8, 4^3, 6^2, 12^5\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^3, 4^3, 6^2, 12^5\})$	6303744
12	$\mathcal{O}(1; \{3^6, 4^3, 6^2, 12^5\})$	50319360
12	$\mathcal{O}(1; \{2^5, 4^5, 6^2, 12^5\})$	3096576
12	$\mathcal{O}(1; \{2, 3^3, 4^5, 6^2, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2^2, 4^7, 6^2, 12^5\})$	12386304
12	$\mathcal{O}(1; \{2^8, 3, 4, 6^3, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^4, 4, 6^3, 12^5\})$	6294528
12	$\mathcal{O}(1; \{3^7, 4, 6^3, 12^5\})$	50328576
12	$\mathcal{O}(1; \{2^5, 3, 4^3, 6^3, 12^5\})$	3133440

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^4, 4^3, 6^3, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2^2, 3, 4^5, 6^3, 12^5\})$	12533760
12	$\mathcal{O}(1; \{2^5, 3^2, 4, 6^4, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2, 3^5, 4, 6^4, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 6^4, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^6, 4, 6^5, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 6^5, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^3, 4^3, 6^5, 12^5\})$	6303744
12	$\mathcal{O}(1; \{4^5, 6^5, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2^3, 3, 4, 6^6, 12^5\})$	6294528
12	$\mathcal{O}(1; \{3, 4^3, 6^6, 12^5\})$	25178112
12	$\mathcal{O}(1; \{3^2, 4, 6^7, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2, 4, 6^8, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^{14}, 12^6\})$	101376
12	$\mathcal{O}(1; \{2^{10}, 3^3, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^6, 3^6, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^2, 3^9, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^{11}, 4^2, 12^6\})$	405504
12	$\mathcal{O}(1; \{2^7, 3^3, 4^2, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3^6, 4^2, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2^8, 4^4, 12^6\})$	1622016
12	$\mathcal{O}(1; \{2^4, 3^3, 4^4, 12^6\})$	12533760
12	$\mathcal{O}(1; \{3^6, 4^4, 12^6\})$	100712448
12	$\mathcal{O}(1; \{2^5, 4^6, 12^6\})$	6488064
12	$\mathcal{O}(1; \{2, 3^3, 4^6, 12^6\})$	50135040
12	$\mathcal{O}(1; \{2^2, 4^8, 12^6\})$	25952256
12	$\mathcal{O}(1; \{2^{11}, 3, 6, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^7, 3^4, 6, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3^7, 6, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^8, 3, 4^2, 6, 12^6\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3^4, 4^2, 6, 12^6\})$	12570624
12	$\mathcal{O}(1; \{3^7, 4^2, 6, 12^6\})$	100675584
12	$\mathcal{O}(1; \{2^5, 3, 4^4, 6, 12^6\})$	6340608
12	$\mathcal{O}(1; \{2, 3^4, 4^4, 6, 12^6\})$	50282496
12	$\mathcal{O}(1; \{2^2, 3, 4^6, 6, 12^6\})$	25362432
12	$\mathcal{O}(1; \{2^8, 3^2, 6^2, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3^5, 6^2, 12^6\})$	12579840
12	$\mathcal{O}(1; \{3^8, 6^2, 12^6\})$	100666368
12	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 6^2, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2, 3^5, 4^2, 6^2, 12^6\})$	50319360
12	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 6^2, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2^9, 6^3, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^5, 3^3, 6^3, 12^6\})$	6294528

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^6, 6^3, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^6, 4^2, 6^3, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6^3, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2^3, 4^4, 6^3, 12^6\})$	12533760
12	$\mathcal{O}(1; \{4^6, 6^3, 12^6\})$	50135040
12	$\mathcal{O}(1; \{2^6, 3, 6^4, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^4, 6^4, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^4, 12^6\})$	12570624
12	$\mathcal{O}(1; \{3, 4^4, 6^4, 12^6\})$	50282496
12	$\mathcal{O}(1; \{2^3, 3^2, 6^5, 12^6\})$	12579840
12	$\mathcal{O}(1; \{3^2, 4^2, 6^5, 12^6\})$	50319360
12	$\mathcal{O}(1; \{2^4, 6^6, 12^6\})$	6294528
12	$\mathcal{O}(1; \{3^3, 6^6, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2, 4^2, 6^6, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2, 3, 6^7, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^8, 3^2, 4, 12^7\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3^5, 4, 12^7\})$	25178112
12	$\mathcal{O}(1; \{3^8, 4, 12^7\})$	201314304
12	$\mathcal{O}(1; \{2^5, 3^2, 4^3, 12^7\})$	12533760
12	$\mathcal{O}(1; \{2, 3^5, 4^3, 12^7\})$	100712448
12	$\mathcal{O}(1; \{2^2, 3^2, 4^5, 12^7\})$	50135040
12	$\mathcal{O}(1; \{2^9, 4, 6, 12^7\})$	1585152
12	$\mathcal{O}(1; \{2^5, 3^3, 4, 6, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2, 3^6, 4, 6, 12^7\})$	100675584
12	$\mathcal{O}(1; \{2^6, 4^3, 6, 12^7\})$	6340608
12	$\mathcal{O}(1; \{2^2, 3^3, 4^3, 6, 12^7\})$	50282496
12	$\mathcal{O}(1; \{2^3, 4^5, 6, 12^7\})$	25362432
12	$\mathcal{O}(1; \{4^7, 6, 12^7\})$	101449728
12	$\mathcal{O}(1; \{2^6, 3, 4, 6^2, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^4, 4, 6^2, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^3, 3, 4^3, 6^2, 12^7\})$	25214976
12	$\mathcal{O}(1; \{3, 4^5, 6^2, 12^7\})$	100859904
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 6^3, 12^7\})$	25178112
12	$\mathcal{O}(1; \{3^2, 4^3, 6^3, 12^7\})$	100712448
12	$\mathcal{O}(1; \{2^4, 4, 6^4, 12^7\})$	12570624
12	$\mathcal{O}(1; \{3^3, 4, 6^4, 12^7\})$	100675584
12	$\mathcal{O}(1; \{2, 4^3, 6^4, 12^7\})$	50282496
12	$\mathcal{O}(1; \{2, 3, 4, 6^5, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^9, 3, 12^8\})$	3133440
12	$\mathcal{O}(1; \{2^5, 3^4, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2, 3^7, 12^8\})$	201314304
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 12^8\})$	12533760
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 12^8\})$	100712448

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 12^8\})$	50135040
12	$\mathcal{O}(1; \{3, 4^6, 12^8\})$	200540160
12	$\mathcal{O}(1; \{2^6, 3^2, 6, 12^8\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3^5, 6, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6, 12^8\})$	50282496
12	$\mathcal{O}(1; \{3^2, 4^4, 6, 12^8\})$	201129984
12	$\mathcal{O}(1; \{2^7, 6^2, 12^8\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3^3, 6^2, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2^4, 4^2, 6^2, 12^8\})$	25214976
12	$\mathcal{O}(1; \{3^3, 4^2, 6^2, 12^8\})$	201277440
12	$\mathcal{O}(1; \{2, 4^4, 6^2, 12^8\})$	100859904
12	$\mathcal{O}(1; \{2^4, 3, 6^3, 12^8\})$	25178112
12	$\mathcal{O}(1; \{3^4, 6^3, 12^8\})$	201314304
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^3, 12^8\})$	100712448
12	$\mathcal{O}(1; \{2, 3^2, 6^4, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^2, 6^5, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2^7, 4, 12^9\})$	12533760
12	$\mathcal{O}(1; \{2^3, 3^3, 4, 12^9\})$	100712448
12	$\mathcal{O}(1; \{2^4, 4^3, 12^9\})$	50135040
12	$\mathcal{O}(1; \{3^3, 4^3, 12^9\})$	402849792
12	$\mathcal{O}(1; \{2, 4^5, 12^9\})$	200540160
12	$\mathcal{O}(1; \{2^4, 3, 4, 6, 12^9\})$	50282496
12	$\mathcal{O}(1; \{3^4, 4, 6, 12^9\})$	402702336
12	$\mathcal{O}(1; \{2, 3, 4^3, 6, 12^9\})$	201129984
12	$\mathcal{O}(1; \{2, 3^2, 4, 6^2, 12^9\})$	201277440
12	$\mathcal{O}(1; \{2^2, 4, 6^3, 12^9\})$	100712448
12	$\mathcal{O}(1; \{2^4, 3^2, 12^{10}\})$	100712448
12	$\mathcal{O}(1; \{3^5, 12^{10}\})$	805257216
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 12^{10}\})$	402849792
12	$\mathcal{O}(1; \{2^5, 6, 12^{10}\})$	50282496
12	$\mathcal{O}(1; \{2, 3^3, 6, 12^{10}\})$	402702336
12	$\mathcal{O}(1; \{2^2, 4^2, 6, 12^{10}\})$	201129984
12	$\mathcal{O}(1; \{2^2, 3, 6^2, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{6^4, 12^{10}\})$	402702336
12	$\mathcal{O}(1; \{2^2, 3, 4, 12^{11}\})$	402849792
12	$\mathcal{O}(1; \{4, 6^2, 12^{11}\})$	805109760
12	$\mathcal{O}(1; \{2^3, 12^{12}\})$	402849792
12	$\mathcal{O}(1; \{4^2, 12^{12}\})$	1611399168
12	$\mathcal{O}(1; \{3, 6, 12^{12}\})$	1610809344
12	$\mathcal{O}(0; \{2^{22}, 3^3, 4^2\})$	4
12	$\mathcal{O}(0; \{2^{18}, 3^6, 4^2\})$	44
12	$\mathcal{O}(0; \{2^{14}, 3^9, 4^2\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^{12}, 4^2\})$	2732

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3^{15}, 4^2\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{18}, 4^2\})$	174764
12	$\mathcal{O}(0; \{2^{19}, 3^3, 4^4\})$	16
12	$\mathcal{O}(0; \{2^{15}, 3^6, 4^4\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^9, 4^4\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^{12}, 4^4\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{15}, 4^4\})$	87376
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^6\})$	64
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^6\})$	704
12	$\mathcal{O}(0; \{2^8, 3^9, 4^6\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^6\})$	43712
12	$\mathcal{O}(0; \{3^{15}, 4^6\})$	349504
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^8\})$	256
12	$\mathcal{O}(0; \{2^9, 3^6, 4^8\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^9, 4^8\})$	21760
12	$\mathcal{O}(0; \{2, 3^{12}, 4^8\})$	174848
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^{10}\})$	1024
12	$\mathcal{O}(0; \{2^6, 3^6, 4^{10}\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^9, 4^{10}\})$	87040
12	$\mathcal{O}(0; \{2^7, 3^3, 4^{12}\})$	4096
12	$\mathcal{O}(0; \{2^3, 3^6, 4^{12}\})$	45056
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{14}\})$	16384
12	$\mathcal{O}(0; \{3^6, 4^{14}\})$	180224
12	$\mathcal{O}(0; \{2, 3^3, 4^{16}\})$	65536
12	$\mathcal{O}(0; \{2^{23}, 3, 4^2, 6\})$	4
12	$\mathcal{O}(0; \{2^{19}, 3^4, 4^2, 6\})$	20
12	$\mathcal{O}(0; \{2^{15}, 3^7, 4^2, 6\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^{10}, 4^2, 6\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^{13}, 4^2, 6\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{16}, 4^2, 6\})$	87380
12	$\mathcal{O}(0; \{2^{20}, 3, 4^4, 6\})$	16
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4^4, 6\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4^4, 6\})$	688
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4^4, 6\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4^4, 6\})$	43696
12	$\mathcal{O}(0; \{3^{16}, 4^4, 6\})$	349520
12	$\mathcal{O}(0; \{2^{17}, 3, 4^6, 6\})$	64
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^6, 6\})$	320
12	$\mathcal{O}(0; \{2^9, 3^7, 4^6, 6\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^6, 6\})$	21824
12	$\mathcal{O}(0; \{2, 3^{13}, 4^6, 6\})$	174784
12	$\mathcal{O}(0; \{2^{14}, 3, 4^8, 6\})$	256
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^8, 6\})$	1280

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3^7, 4^8, 6\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^8, 6\})$	87296
12	$\mathcal{O}(0; \{2^{11}, 3, 4^{10}, 6\})$	1024
12	$\mathcal{O}(0; \{2^7, 3^4, 4^{10}, 6\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^7, 4^{10}, 6\})$	44032
12	$\mathcal{O}(0; \{2^8, 3, 4^{12}, 6\})$	4096
12	$\mathcal{O}(0; \{2^4, 3^4, 4^{12}, 6\})$	20480
12	$\mathcal{O}(0; \{3^7, 4^{12}, 6\})$	176128
12	$\mathcal{O}(0; \{2^5, 3, 4^{14}, 6\})$	16384
12	$\mathcal{O}(0; \{2, 3^4, 4^{14}, 6\})$	81920
12	$\mathcal{O}(0; \{2^2, 3, 4^{16}, 6\})$	65536
12	$\mathcal{O}(0; \{2^{20}, 3^2, 4^2, 6^2\})$	12
12	$\mathcal{O}(0; \{2^{16}, 3^5, 4^2, 6^2\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^8, 4^2, 6^2\})$	684
12	$\mathcal{O}(0; \{2^8, 3^{11}, 4^2, 6^2\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{14}, 4^2, 6^2\})$	43692
12	$\mathcal{O}(0; \{3^{17}, 4^2, 6^2\})$	349524
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^4, 6^2\})$	48
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^4, 6^2\})$	336
12	$\mathcal{O}(0; \{2^9, 3^8, 4^4, 6^2\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^4, 6^2\})$	21840
12	$\mathcal{O}(0; \{2, 3^{14}, 4^4, 6^2\})$	174768
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^6, 6^2\})$	192
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^6, 6^2\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^8, 4^6, 6^2\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^6, 6^2\})$	87360
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^8, 6^2\})$	768
12	$\mathcal{O}(0; \{2^7, 3^5, 4^8, 6^2\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^8, 4^8, 6^2\})$	43776
12	$\mathcal{O}(0; \{2^8, 3^2, 4^{10}, 6^2\})$	3072
12	$\mathcal{O}(0; \{2^4, 3^5, 4^{10}, 6^2\})$	21504
12	$\mathcal{O}(0; \{3^8, 4^{10}, 6^2\})$	175104
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{12}, 6^2\})$	12288
12	$\mathcal{O}(0; \{2, 3^5, 4^{12}, 6^2\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{14}, 6^2\})$	49152
12	$\mathcal{O}(0; \{2^{21}, 4^2, 6^3\})$	4
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4^2, 6^3\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4^2, 6^3\})$	340
12	$\mathcal{O}(0; \{2^9, 3^9, 4^2, 6^3\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4^2, 6^3\})$	21844
12	$\mathcal{O}(0; \{2, 3^{15}, 4^2, 6^3\})$	174764
12	$\mathcal{O}(0; \{2^{18}, 4^4, 6^3\})$	16
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^4, 6^3\})$	176

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^4, 6^3\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^9, 4^4, 6^3\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^4, 6^3\})$	87376
12	$\mathcal{O}(0; \{2^{15}, 4^6, 6^3\})$	64
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^6, 6^3\})$	704
12	$\mathcal{O}(0; \{2^7, 3^6, 4^6, 6^3\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^9, 4^6, 6^3\})$	43712
12	$\mathcal{O}(0; \{2^{12}, 4^8, 6^3\})$	256
12	$\mathcal{O}(0; \{2^8, 3^3, 4^8, 6^3\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^6, 4^8, 6^3\})$	21760
12	$\mathcal{O}(0; \{3^9, 4^8, 6^3\})$	174848
12	$\mathcal{O}(0; \{2^9, 4^{10}, 6^3\})$	1024
12	$\mathcal{O}(0; \{2^5, 3^3, 4^{10}, 6^3\})$	11264
12	$\mathcal{O}(0; \{2, 3^6, 4^{10}, 6^3\})$	87040
12	$\mathcal{O}(0; \{2^6, 4^{12}, 6^3\})$	4096
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{12}, 6^3\})$	45056
12	$\mathcal{O}(0; \{2^3, 4^{14}, 6^3\})$	16384
12	$\mathcal{O}(0; \{4^{16}, 6^3\})$	65536
12	$\mathcal{O}(0; \{2^{18}, 3, 4^2, 6^4\})$	20
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^2, 6^4\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^2, 6^4\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^2, 6^4\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^2, 6^4\})$	87380
12	$\mathcal{O}(0; \{2^{15}, 3, 4^4, 6^4\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^4, 6^4\})$	688
12	$\mathcal{O}(0; \{2^7, 3^7, 4^4, 6^4\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^4, 6^4\})$	43696
12	$\mathcal{O}(0; \{2^{12}, 3, 4^6, 6^4\})$	320
12	$\mathcal{O}(0; \{2^8, 3^4, 4^6, 6^4\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^7, 4^6, 6^4\})$	21824
12	$\mathcal{O}(0; \{3^{10}, 4^6, 6^4\})$	174784
12	$\mathcal{O}(0; \{2^9, 3, 4^8, 6^4\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^4, 4^8, 6^4\})$	11008
12	$\mathcal{O}(0; \{2, 3^7, 4^8, 6^4\})$	87296
12	$\mathcal{O}(0; \{2^6, 3, 4^{10}, 6^4\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{10}, 6^4\})$	44032
12	$\mathcal{O}(0; \{2^3, 3, 4^{12}, 6^4\})$	20480
12	$\mathcal{O}(0; \{3, 4^{14}, 6^4\})$	81920
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^2, 6^5\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^2, 6^5\})$	684
12	$\mathcal{O}(0; \{2^7, 3^8, 4^2, 6^5\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^2, 6^5\})$	43692
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^4, 6^5\})$	336

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^8, 3^5, 4^4, 6^5\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^8, 4^4, 6^5\})$	21840
12	$\mathcal{O}(0; \{3^{11}, 4^4, 6^5\})$	174768
12	$\mathcal{O}(0; \{2^9, 3^2, 4^6, 6^5\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^5, 4^6, 6^5\})$	10944
12	$\mathcal{O}(0; \{2, 3^8, 4^6, 6^5\})$	87360
12	$\mathcal{O}(0; \{2^6, 3^2, 4^8, 6^5\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^5, 4^8, 6^5\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{10}, 6^5\})$	21504
12	$\mathcal{O}(0; \{3^2, 4^{12}, 6^5\})$	86016
12	$\mathcal{O}(0; \{2^{16}, 4^2, 6^6\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^2, 6^6\})$	340
12	$\mathcal{O}(0; \{2^8, 3^6, 4^2, 6^6\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^9, 4^2, 6^6\})$	21844
12	$\mathcal{O}(0; \{3^{12}, 4^2, 6^6\})$	174764
12	$\mathcal{O}(0; \{2^{13}, 4^4, 6^6\})$	176
12	$\mathcal{O}(0; \{2^9, 3^3, 4^4, 6^6\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^6, 4^4, 6^6\})$	10928
12	$\mathcal{O}(0; \{2, 3^9, 4^4, 6^6\})$	87376
12	$\mathcal{O}(0; \{2^{10}, 4^6, 6^6\})$	704
12	$\mathcal{O}(0; \{2^6, 3^3, 4^6, 6^6\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^6, 4^6, 6^6\})$	43712
12	$\mathcal{O}(0; \{2^7, 4^8, 6^6\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^3, 4^8, 6^6\})$	21760
12	$\mathcal{O}(0; \{2^4, 4^{10}, 6^6\})$	11264
12	$\mathcal{O}(0; \{3^3, 4^{10}, 6^6\})$	87040
12	$\mathcal{O}(0; \{2, 4^{12}, 6^6\})$	45056
12	$\mathcal{O}(0; \{2^{13}, 3, 4^2, 6^7\})$	172
12	$\mathcal{O}(0; \{2^9, 3^4, 4^2, 6^7\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^7, 4^2, 6^7\})$	10924
12	$\mathcal{O}(0; \{2, 3^{10}, 4^2, 6^7\})$	87380
12	$\mathcal{O}(0; \{2^{10}, 3, 4^4, 6^7\})$	688
12	$\mathcal{O}(0; \{2^6, 3^4, 4^4, 6^7\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^7, 4^4, 6^7\})$	43696
12	$\mathcal{O}(0; \{2^7, 3, 4^6, 6^7\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^4, 4^6, 6^7\})$	21824
12	$\mathcal{O}(0; \{2^4, 3, 4^8, 6^7\})$	11008
12	$\mathcal{O}(0; \{3^4, 4^8, 6^7\})$	87296
12	$\mathcal{O}(0; \{2, 3, 4^{10}, 6^7\})$	44032
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^2, 6^8\})$	684
12	$\mathcal{O}(0; \{2^6, 3^5, 4^2, 6^8\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^8, 4^2, 6^8\})$	43692
12	$\mathcal{O}(0; \{2^7, 3^2, 4^4, 6^8\})$	2736

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^5, 4^4, 6^8\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^2, 4^6, 6^8\})$	10944
12	$\mathcal{O}(0; \{3^5, 4^6, 6^8\})$	87360
12	$\mathcal{O}(0; \{2, 3^2, 4^8, 6^8\})$	43776
12	$\mathcal{O}(0; \{2^{11}, 4^2, 6^9\})$	340
12	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 6^9\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 6^9\})$	21844
12	$\mathcal{O}(0; \{2^8, 4^4, 6^9\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 6^9\})$	10928
12	$\mathcal{O}(0; \{3^6, 4^4, 6^9\})$	87376
12	$\mathcal{O}(0; \{2^5, 4^6, 6^9\})$	5440
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 6^9\})$	43712
12	$\mathcal{O}(0; \{2^2, 4^8, 6^9\})$	21760
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6^{10}\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6^{10}\})$	10924
12	$\mathcal{O}(0; \{3^7, 4^2, 6^{10}\})$	87380
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6^{10}\})$	5456
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6^{10}\})$	43696
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 6^{10}\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^{11}\})$	5460
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^{11}\})$	43692
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^{11}\})$	21840
12	$\mathcal{O}(0; \{2^6, 4^2, 6^{12}\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^{12}\})$	21844
12	$\mathcal{O}(0; \{2^3, 4^4, 6^{12}\})$	10928
12	$\mathcal{O}(0; \{4^6, 6^{12}\})$	43712
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^{13}\})$	10924
12	$\mathcal{O}(0; \{3, 4^4, 6^{13}\})$	43696
12	$\mathcal{O}(0; \{3^2, 4^2, 6^{14}\})$	43692
12	$\mathcal{O}(0; \{2, 4^2, 6^{15}\})$	21844
12	$\mathcal{O}(0; \{2^{23}, 3^2, 4, 12\})$	4
12	$\mathcal{O}(0; \{2^{19}, 3^5, 4, 12\})$	44
12	$\mathcal{O}(0; \{2^{15}, 3^8, 4, 12\})$	340
12	$\mathcal{O}(0; \{2^{11}, 3^{11}, 4, 12\})$	2732
12	$\mathcal{O}(0; \{2^7, 3^{14}, 4, 12\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^{17}, 4, 12\})$	174764
12	$\mathcal{O}(0; \{2^{20}, 3^2, 4^3, 12\})$	16
12	$\mathcal{O}(0; \{2^{16}, 3^5, 4^3, 12\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^8, 4^3, 12\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^{11}, 4^3, 12\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^{14}, 4^3, 12\})$	87376
12	$\mathcal{O}(0; \{3^{17}, 4^3, 12\})$	699056
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^5, 12\})$	64

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^5, 12\})$	704
12	$\mathcal{O}(0; \{2^9, 3^8, 4^5, 12\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^5, 12\})$	43712
12	$\mathcal{O}(0; \{2, 3^{14}, 4^5, 12\})$	349504
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^7, 12\})$	256
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^7, 12\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^8, 4^7, 12\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^7, 12\})$	174848
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^9, 12\})$	1024
12	$\mathcal{O}(0; \{2^7, 3^5, 4^9, 12\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^8, 4^9, 12\})$	87040
12	$\mathcal{O}(0; \{2^8, 3^2, 4^{11}, 12\})$	4096
12	$\mathcal{O}(0; \{2^4, 3^5, 4^{11}, 12\})$	45056
12	$\mathcal{O}(0; \{3^8, 4^{11}, 12\})$	348160
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{13}, 12\})$	16384
12	$\mathcal{O}(0; \{2, 3^5, 4^{13}, 12\})$	180224
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{15}, 12\})$	65536
12	$\mathcal{O}(0; \{2^{24}, 4, 6, 12\})$	4
12	$\mathcal{O}(0; \{2^{20}, 3^3, 4, 6, 12\})$	20
12	$\mathcal{O}(0; \{2^{16}, 3^6, 4, 6, 12\})$	172
12	$\mathcal{O}(0; \{2^{12}, 3^9, 4, 6, 12\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^{12}, 4, 6, 12\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^{15}, 4, 6, 12\})$	87380
12	$\mathcal{O}(0; \{3^{18}, 4, 6, 12\})$	699052
12	$\mathcal{O}(0; \{2^{21}, 4^3, 6, 12\})$	16
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4^3, 6, 12\})$	80
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4^3, 6, 12\})$	688
12	$\mathcal{O}(0; \{2^9, 3^9, 4^3, 6, 12\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4^3, 6, 12\})$	43696
12	$\mathcal{O}(0; \{2, 3^{15}, 4^3, 6, 12\})$	349520
12	$\mathcal{O}(0; \{2^{18}, 4^5, 6, 12\})$	64
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^5, 6, 12\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^5, 6, 12\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^9, 4^5, 6, 12\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^5, 6, 12\})$	174784
12	$\mathcal{O}(0; \{2^{15}, 4^7, 6, 12\})$	256
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^7, 6, 12\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^6, 4^7, 6, 12\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^9, 4^7, 6, 12\})$	87296
12	$\mathcal{O}(0; \{2^{12}, 4^9, 6, 12\})$	1024
12	$\mathcal{O}(0; \{2^8, 3^3, 4^9, 6, 12\})$	5120
12	$\mathcal{O}(0; \{2^4, 3^6, 4^9, 6, 12\})$	44032
12	$\mathcal{O}(0; \{3^9, 4^9, 6, 12\})$	349184

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^9, 4^{11}, 6, 12\})$	4096
12	$\mathcal{O}(0; \{2^5, 3^3, 4^{11}, 6, 12\})$	20480
12	$\mathcal{O}(0; \{2, 3^6, 4^{11}, 6, 12\})$	176128
12	$\mathcal{O}(0; \{2^6, 4^{13}, 6, 12\})$	16384
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{13}, 6, 12\})$	81920
12	$\mathcal{O}(0; \{2^3, 4^{15}, 6, 12\})$	65536
12	$\mathcal{O}(0; \{4^{17}, 6, 12\})$	262144
12	$\mathcal{O}(0; \{2^{21}, 3, 4, 6^2, 12\})$	12
12	$\mathcal{O}(0; \{2^{17}, 3^4, 4, 6^2, 12\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^7, 4, 6^2, 12\})$	684
12	$\mathcal{O}(0; \{2^9, 3^{10}, 4, 6^2, 12\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^{13}, 4, 6^2, 12\})$	43692
12	$\mathcal{O}(0; \{2, 3^{16}, 4, 6^2, 12\})$	349524
12	$\mathcal{O}(0; \{2^{18}, 3, 4^3, 6^2, 12\})$	48
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^3, 6^2, 12\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^3, 6^2, 12\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^3, 6^2, 12\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^3, 6^2, 12\})$	174768
12	$\mathcal{O}(0; \{2^{15}, 3, 4^5, 6^2, 12\})$	192
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^5, 6^2, 12\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^7, 4^5, 6^2, 12\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^5, 6^2, 12\})$	87360
12	$\mathcal{O}(0; \{2^{12}, 3, 4^7, 6^2, 12\})$	768
12	$\mathcal{O}(0; \{2^8, 3^4, 4^7, 6^2, 12\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^7, 4^7, 6^2, 12\})$	43776
12	$\mathcal{O}(0; \{3^{10}, 4^7, 6^2, 12\})$	349440
12	$\mathcal{O}(0; \{2^9, 3, 4^9, 6^2, 12\})$	3072
12	$\mathcal{O}(0; \{2^5, 3^4, 4^9, 6^2, 12\})$	21504
12	$\mathcal{O}(0; \{2, 3^7, 4^9, 6^2, 12\})$	175104
12	$\mathcal{O}(0; \{2^6, 3, 4^{11}, 6^2, 12\})$	12288
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{11}, 6^2, 12\})$	86016
12	$\mathcal{O}(0; \{2^3, 3, 4^{13}, 6^2, 12\})$	49152
12	$\mathcal{O}(0; \{3, 4^{15}, 6^2, 12\})$	196608
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4, 6^3, 12\})$	44
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4, 6^3, 12\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4, 6^3, 12\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4, 6^3, 12\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4, 6^3, 12\})$	174764
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^3, 6^3, 12\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^3, 6^3, 12\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^8, 4^3, 6^3, 12\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^3, 6^3, 12\})$	87376
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^5, 6^3, 12\})$	704

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^8, 3^5, 4^5, 6^3, 12\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^8, 4^5, 6^3, 12\})$	43712
12	$\mathcal{O}(0; \{3^{11}, 4^5, 6^3, 12\})$	349504
12	$\mathcal{O}(0; \{2^9, 3^2, 4^7, 6^3, 12\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^5, 4^7, 6^3, 12\})$	21760
12	$\mathcal{O}(0; \{2, 3^8, 4^7, 6^3, 12\})$	174848
12	$\mathcal{O}(0; \{2^6, 3^2, 4^9, 6^3, 12\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^5, 4^9, 6^3, 12\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{11}, 6^3, 12\})$	45056
12	$\mathcal{O}(0; \{3^2, 4^{13}, 6^3, 12\})$	180224
12	$\mathcal{O}(0; \{2^{19}, 4, 6^4, 12\})$	20
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4, 6^4, 12\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4, 6^4, 12\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^9, 4, 6^4, 12\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4, 6^4, 12\})$	87380
12	$\mathcal{O}(0; \{2^{16}, 4^3, 6^4, 12\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^3, 6^4, 12\})$	688
12	$\mathcal{O}(0; \{2^8, 3^6, 4^3, 6^4, 12\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^9, 4^3, 6^4, 12\})$	43696
12	$\mathcal{O}(0; \{3^{12}, 4^3, 6^4, 12\})$	349520
12	$\mathcal{O}(0; \{2^{13}, 4^5, 6^4, 12\})$	320
12	$\mathcal{O}(0; \{2^9, 3^3, 4^5, 6^4, 12\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^6, 4^5, 6^4, 12\})$	21824
12	$\mathcal{O}(0; \{2, 3^9, 4^5, 6^4, 12\})$	174784
12	$\mathcal{O}(0; \{2^{10}, 4^7, 6^4, 12\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^3, 4^7, 6^4, 12\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^6, 4^7, 6^4, 12\})$	87296
12	$\mathcal{O}(0; \{2^7, 4^9, 6^4, 12\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^3, 4^9, 6^4, 12\})$	44032
12	$\mathcal{O}(0; \{2^4, 4^{11}, 6^4, 12\})$	20480
12	$\mathcal{O}(0; \{3^3, 4^{11}, 6^4, 12\})$	176128
12	$\mathcal{O}(0; \{2, 4^{13}, 6^4, 12\})$	81920
12	$\mathcal{O}(0; \{2^{16}, 3, 4, 6^5, 12\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4, 6^5, 12\})$	684
12	$\mathcal{O}(0; \{2^8, 3^7, 4, 6^5, 12\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4, 6^5, 12\})$	43692
12	$\mathcal{O}(0; \{3^{13}, 4, 6^5, 12\})$	349524
12	$\mathcal{O}(0; \{2^{13}, 3, 4^3, 6^5, 12\})$	336
12	$\mathcal{O}(0; \{2^9, 3^4, 4^3, 6^5, 12\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^7, 4^3, 6^5, 12\})$	21840
12	$\mathcal{O}(0; \{2, 3^{10}, 4^3, 6^5, 12\})$	174768
12	$\mathcal{O}(0; \{2^{10}, 3, 4^5, 6^5, 12\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^4, 4^5, 6^5, 12\})$	10944

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^7, 4^5, 6^5, 12\})$	87360
12	$\mathcal{O}(0; \{2^7, 3, 4^7, 6^5, 12\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^4, 4^7, 6^5, 12\})$	43776
12	$\mathcal{O}(0; \{2^4, 3, 4^9, 6^5, 12\})$	21504
12	$\mathcal{O}(0; \{3^4, 4^9, 6^5, 12\})$	175104
12	$\mathcal{O}(0; \{2, 3, 4^{11}, 6^5, 12\})$	86016
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4, 6^6, 12\})$	340
12	$\mathcal{O}(0; \{2^9, 3^5, 4, 6^6, 12\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^8, 4, 6^6, 12\})$	21844
12	$\mathcal{O}(0; \{2, 3^{11}, 4, 6^6, 12\})$	174764
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^3, 6^6, 12\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^5, 4^3, 6^6, 12\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^8, 4^3, 6^6, 12\})$	87376
12	$\mathcal{O}(0; \{2^7, 3^2, 4^5, 6^6, 12\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^5, 4^5, 6^6, 12\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^2, 4^7, 6^6, 12\})$	21760
12	$\mathcal{O}(0; \{3^5, 4^7, 6^6, 12\})$	174848
12	$\mathcal{O}(0; \{2, 3^2, 4^9, 6^6, 12\})$	87040
12	$\mathcal{O}(0; \{2^{14}, 4, 6^7, 12\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4, 6^7, 12\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^6, 4, 6^7, 12\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^9, 4, 6^7, 12\})$	87380
12	$\mathcal{O}(0; \{2^{11}, 4^3, 6^7, 12\})$	688
12	$\mathcal{O}(0; \{2^7, 3^3, 4^3, 6^7, 12\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^6, 4^3, 6^7, 12\})$	43696
12	$\mathcal{O}(0; \{2^8, 4^5, 6^7, 12\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^3, 4^5, 6^7, 12\})$	21824
12	$\mathcal{O}(0; \{3^6, 4^5, 6^7, 12\})$	174784
12	$\mathcal{O}(0; \{2^5, 4^7, 6^7, 12\})$	11008
12	$\mathcal{O}(0; \{2, 3^3, 4^7, 6^7, 12\})$	87296
12	$\mathcal{O}(0; \{2^2, 4^9, 6^7, 12\})$	44032
12	$\mathcal{O}(0; \{2^{11}, 3, 4, 6^8, 12\})$	684
12	$\mathcal{O}(0; \{2^7, 3^4, 4, 6^8, 12\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^7, 4, 6^8, 12\})$	43692
12	$\mathcal{O}(0; \{2^8, 3, 4^3, 6^8, 12\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^4, 4^3, 6^8, 12\})$	21840
12	$\mathcal{O}(0; \{3^7, 4^3, 6^8, 12\})$	174768
12	$\mathcal{O}(0; \{2^5, 3, 4^5, 6^8, 12\})$	10944
12	$\mathcal{O}(0; \{2, 3^4, 4^5, 6^8, 12\})$	87360
12	$\mathcal{O}(0; \{2^2, 3, 4^7, 6^8, 12\})$	43776
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 6^9, 12\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 6^9, 12\})$	21844
12	$\mathcal{O}(0; \{3^8, 4, 6^9, 12\})$	174764

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 6^9, 12\})$	10928
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 6^9, 12\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 6^9, 12\})$	43712
12	$\mathcal{O}(0; \{2^9, 4, 6^{10}, 12\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6^{10}, 12\})$	10924
12	$\mathcal{O}(0; \{2, 3^6, 4, 6^{10}, 12\})$	87380
12	$\mathcal{O}(0; \{2^6, 4^3, 6^{10}, 12\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6^{10}, 12\})$	43696
12	$\mathcal{O}(0; \{2^3, 4^5, 6^{10}, 12\})$	21824
12	$\mathcal{O}(0; \{4^7, 6^{10}, 12\})$	87296
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^{11}, 12\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^{11}, 12\})$	43692
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^{11}, 12\})$	21840
12	$\mathcal{O}(0; \{3, 4^5, 6^{11}, 12\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^{12}, 12\})$	21844
12	$\mathcal{O}(0; \{3^2, 4^3, 6^{12}, 12\})$	87376
12	$\mathcal{O}(0; \{2^4, 4, 6^{13}, 12\})$	10924
12	$\mathcal{O}(0; \{3^3, 4, 6^{13}, 12\})$	87380
12	$\mathcal{O}(0; \{2, 4^3, 6^{13}, 12\})$	43696
12	$\mathcal{O}(0; \{2, 3, 4, 6^{14}, 12\})$	43692
12	$\mathcal{O}(0; \{2^{24}, 3, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{20}, 3^4, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{16}, 3^7, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{12}, 3^{10}, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^8, 3^{13}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^4, 3^{16}, 12^2\})$	174764
12	$\mathcal{O}(0; \{3^{19}, 12^2\})$	1398100
12	$\mathcal{O}(0; \{2^{21}, 3, 4^2, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{17}, 3^4, 4^2, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{13}, 3^7, 4^2, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^{10}, 4^2, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^{13}, 4^2, 12^2\})$	87376
12	$\mathcal{O}(0; \{2, 3^{16}, 4^2, 12^2\})$	699056
12	$\mathcal{O}(0; \{2^{18}, 3, 4^4, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^4, 12^2\})$	704
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^4, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^4, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^4, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^{15}, 3, 4^6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^6, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^7, 4^6, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^6, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^{12}, 3, 4^8, 12^2\})$	1024

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^8, 3^4, 4^8, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^7, 4^8, 12^2\})$	87040
12	$\mathcal{O}(0; \{3^{10}, 4^8, 12^2\})$	699392
12	$\mathcal{O}(0; \{2^9, 3, 4^{10}, 12^2\})$	4096
12	$\mathcal{O}(0; \{2^5, 3^4, 4^{10}, 12^2\})$	45056
12	$\mathcal{O}(0; \{2, 3^7, 4^{10}, 12^2\})$	348160
12	$\mathcal{O}(0; \{2^6, 3, 4^{12}, 12^2\})$	16384
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{12}, 12^2\})$	180224
12	$\mathcal{O}(0; \{2^3, 3, 4^{14}, 12^2\})$	65536
12	$\mathcal{O}(0; \{3, 4^{16}, 12^2\})$	262144
12	$\mathcal{O}(0; \{2^{21}, 3^2, 6, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{17}, 3^5, 6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{13}, 3^8, 6, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^9, 3^{11}, 6, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^5, 3^{14}, 6, 12^2\})$	87380
12	$\mathcal{O}(0; \{2, 3^{17}, 6, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4^2, 6, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4^2, 6, 12^2\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4^2, 6, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4^2, 6, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4^2, 6, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^4, 6, 12^2\})$	320
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^4, 6, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^8, 4^4, 6, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^4, 6, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^6, 6, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^8, 3^5, 4^6, 6, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^8, 4^6, 6, 12^2\})$	87296
12	$\mathcal{O}(0; \{3^{11}, 4^6, 6, 12^2\})$	699136
12	$\mathcal{O}(0; \{2^9, 3^2, 4^8, 6, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^5, 3^5, 4^8, 6, 12^2\})$	44032
12	$\mathcal{O}(0; \{2, 3^8, 4^8, 6, 12^2\})$	349184
12	$\mathcal{O}(0; \{2^6, 3^2, 4^{10}, 6, 12^2\})$	20480
12	$\mathcal{O}(0; \{2^2, 3^5, 4^{10}, 6, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{12}, 6, 12^2\})$	81920
12	$\mathcal{O}(0; \{3^2, 4^{14}, 6, 12^2\})$	327680
12	$\mathcal{O}(0; \{2^{22}, 6^2, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{18}, 3^3, 6^2, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{14}, 3^6, 6^2, 12^2\})$	684
12	$\mathcal{O}(0; \{2^{10}, 3^9, 6^2, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^6, 3^{12}, 6^2, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^2, 3^{15}, 6^2, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{19}, 4^2, 6^2, 12^2\})$	48

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^2, 6^2, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^2, 6^2, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^9, 4^2, 6^2, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^2, 6^2, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{16}, 4^4, 6^2, 12^2\})$	192
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^4, 6^2, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^6, 4^4, 6^2, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^9, 4^4, 6^2, 12^2\})$	87360
12	$\mathcal{O}(0; \{3^{12}, 4^4, 6^2, 12^2\})$	699072
12	$\mathcal{O}(0; \{2^{13}, 4^6, 6^2, 12^2\})$	768
12	$\mathcal{O}(0; \{2^9, 3^3, 4^6, 6^2, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^6, 4^6, 6^2, 12^2\})$	43776
12	$\mathcal{O}(0; \{2, 3^9, 4^6, 6^2, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^{10}, 4^8, 6^2, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^6, 3^3, 4^8, 6^2, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^6, 4^8, 6^2, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^7, 4^{10}, 6^2, 12^2\})$	12288
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{10}, 6^2, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^4, 4^{12}, 6^2, 12^2\})$	49152
12	$\mathcal{O}(0; \{3^3, 4^{12}, 6^2, 12^2\})$	344064
12	$\mathcal{O}(0; \{2, 4^{14}, 6^2, 12^2\})$	196608
12	$\mathcal{O}(0; \{2^{19}, 3, 6^3, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{15}, 3^4, 6^3, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{11}, 3^7, 6^3, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^7, 3^{10}, 6^3, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^{13}, 6^3, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{16}, 3, 4^2, 6^3, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^2, 6^3, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^7, 4^2, 6^3, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^2, 6^3, 12^2\})$	87376
12	$\mathcal{O}(0; \{3^{13}, 4^2, 6^3, 12^2\})$	699056
12	$\mathcal{O}(0; \{2^{13}, 3, 4^4, 6^3, 12^2\})$	704
12	$\mathcal{O}(0; \{2^9, 3^4, 4^4, 6^3, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^7, 4^4, 6^3, 12^2\})$	43712
12	$\mathcal{O}(0; \{2, 3^{10}, 4^4, 6^3, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^{10}, 3, 4^6, 6^3, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^4, 4^6, 6^3, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^7, 4^6, 6^3, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^7, 3, 4^8, 6^3, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^4, 4^8, 6^3, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^4, 3, 4^{10}, 6^3, 12^2\})$	45056
12	$\mathcal{O}(0; \{3^4, 4^{10}, 6^3, 12^2\})$	348160
12	$\mathcal{O}(0; \{2, 3, 4^{12}, 6^3, 12^2\})$	180224

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{16}, 3^2, 6^4, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{12}, 3^5, 6^4, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^8, 6^4, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^{11}, 6^4, 12^2\})$	87380
12	$\mathcal{O}(0; \{3^{14}, 6^4, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^2, 6^4, 12^2\})$	688
12	$\mathcal{O}(0; \{2^9, 3^5, 4^2, 6^4, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^8, 4^2, 6^4, 12^2\})$	43696
12	$\mathcal{O}(0; \{2, 3^{11}, 4^2, 6^4, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^4, 6^4, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^5, 4^4, 6^4, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^8, 4^4, 6^4, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^7, 3^2, 4^6, 6^4, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^5, 4^6, 6^4, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^2, 4^8, 6^4, 12^2\})$	44032
12	$\mathcal{O}(0; \{3^5, 4^8, 6^4, 12^2\})$	349184
12	$\mathcal{O}(0; \{2, 3^2, 4^{10}, 6^4, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^{17}, 6^5, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^3, 6^5, 12^2\})$	684
12	$\mathcal{O}(0; \{2^9, 3^6, 6^5, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^9, 6^5, 12^2\})$	43692
12	$\mathcal{O}(0; \{2, 3^{12}, 6^5, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{14}, 4^2, 6^5, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^2, 6^5, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^6, 4^2, 6^5, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^9, 4^2, 6^5, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{11}, 4^4, 6^5, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^3, 4^4, 6^5, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^6, 4^4, 6^5, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^8, 4^6, 6^5, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^3, 4^6, 6^5, 12^2\})$	43776
12	$\mathcal{O}(0; \{3^6, 4^6, 6^5, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^5, 4^8, 6^5, 12^2\})$	21504
12	$\mathcal{O}(0; \{2, 3^3, 4^8, 6^5, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^2, 4^{10}, 6^5, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^{14}, 3, 6^6, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^4, 6^6, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^7, 6^6, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{10}, 6^6, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{11}, 3, 4^2, 6^6, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^4, 4^2, 6^6, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^7, 4^2, 6^6, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^8, 3, 4^4, 6^6, 12^2\})$	5440

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^4, 4^4, 6^6, 12^2\})$	43712
12	$\mathcal{O}(0; \{3^7, 4^4, 6^6, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^5, 3, 4^6, 6^6, 12^2\})$	21760
12	$\mathcal{O}(0; \{2, 3^4, 4^6, 6^6, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^2, 3, 4^8, 6^6, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^{11}, 3^2, 6^7, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^5, 6^7, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^8, 6^7, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 6^7, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 6^7, 12^2\})$	43696
12	$\mathcal{O}(0; \{3^8, 4^2, 6^7, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 6^7, 12^2\})$	21824
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 6^7, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 6^7, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^{12}, 6^8, 12^2\})$	684
12	$\mathcal{O}(0; \{2^8, 3^3, 6^8, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^6, 6^8, 12^2\})$	43692
12	$\mathcal{O}(0; \{3^9, 6^8, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^9, 4^2, 6^8, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6^8, 12^2\})$	21840
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6^8, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^6, 4^4, 6^8, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6^8, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^3, 4^6, 6^8, 12^2\})$	43776
12	$\mathcal{O}(0; \{4^8, 6^8, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^9, 3, 6^9, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^4, 6^9, 12^2\})$	21844
12	$\mathcal{O}(0; \{2, 3^7, 6^9, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^9, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^9, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^9, 12^2\})$	43712
12	$\mathcal{O}(0; \{3, 4^6, 6^9, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^6, 3^2, 6^{10}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^5, 6^{10}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^{10}, 12^2\})$	43696
12	$\mathcal{O}(0; \{3^2, 4^4, 6^{10}, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^7, 6^{11}, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^3, 6^{11}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^4, 4^2, 6^{11}, 12^2\})$	21840
12	$\mathcal{O}(0; \{3^3, 4^2, 6^{11}, 12^2\})$	174768
12	$\mathcal{O}(0; \{2, 4^4, 6^{11}, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^4, 3, 6^{12}, 12^2\})$	21844
12	$\mathcal{O}(0; \{3^4, 6^{12}, 12^2\})$	174764

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^{12}, 12^2\})$	87376
12	$\mathcal{O}(0; \{2, 3^2, 6^{13}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^2, 6^{14}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{22}, 4, 12^3\})$	16
12	$\mathcal{O}(0; \{2^{18}, 3^3, 4, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{14}, 3^6, 4, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^{10}, 3^9, 4, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^6, 3^{12}, 4, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^{15}, 4, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{19}, 4^3, 12^3\})$	64
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^3, 12^3\})$	704
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^3, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^9, 4^3, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^3, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^{16}, 4^5, 12^3\})$	256
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^5, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^8, 3^6, 4^5, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^9, 4^5, 12^3\})$	174848
12	$\mathcal{O}(0; \{3^{12}, 4^5, 12^3\})$	1398016
12	$\mathcal{O}(0; \{2^{13}, 4^7, 12^3\})$	1024
12	$\mathcal{O}(0; \{2^9, 3^3, 4^7, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^5, 3^6, 4^7, 12^3\})$	87040
12	$\mathcal{O}(0; \{2, 3^9, 4^7, 12^3\})$	699392
12	$\mathcal{O}(0; \{2^{10}, 4^9, 12^3\})$	4096
12	$\mathcal{O}(0; \{2^6, 3^3, 4^9, 12^3\})$	45056
12	$\mathcal{O}(0; \{2^2, 3^6, 4^9, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^7, 4^{11}, 12^3\})$	16384
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{11}, 12^3\})$	180224
12	$\mathcal{O}(0; \{2^4, 4^{13}, 12^3\})$	65536
12	$\mathcal{O}(0; \{3^3, 4^{13}, 12^3\})$	720896
12	$\mathcal{O}(0; \{2, 4^{15}, 12^3\})$	262144
12	$\mathcal{O}(0; \{2^{19}, 3, 4, 6, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4, 6, 12^3\})$	688
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4, 6, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4, 6, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4, 6, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{16}, 3, 4^3, 6, 12^3\})$	320
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^3, 6, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^7, 4^3, 6, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^3, 6, 12^3\})$	174784
12	$\mathcal{O}(0; \{3^{13}, 4^3, 6, 12^3\})$	1398080
12	$\mathcal{O}(0; \{2^{13}, 3, 4^5, 6, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^9, 3^4, 4^5, 6, 12^3\})$	11008

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^7, 4^5, 6, 12^3\})$	87296
12	$\mathcal{O}(0; \{2, 3^{10}, 4^5, 6, 12^3\})$	699136
12	$\mathcal{O}(0; \{2^{10}, 3, 4^7, 6, 12^3\})$	5120
12	$\mathcal{O}(0; \{2^6, 3^4, 4^7, 6, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^7, 4^7, 6, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^7, 3, 4^9, 6, 12^3\})$	20480
12	$\mathcal{O}(0; \{2^3, 3^4, 4^9, 6, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^4, 3, 4^{11}, 6, 12^3\})$	81920
12	$\mathcal{O}(0; \{3^4, 4^{11}, 6, 12^3\})$	704512
12	$\mathcal{O}(0; \{2, 3, 4^{13}, 6, 12^3\})$	327680
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4, 6^2, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4, 6^2, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^8, 4, 6^2, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4, 6^2, 12^3\})$	174768
12	$\mathcal{O}(0; \{3^{14}, 4, 6^2, 12^3\})$	1398096
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^3, 6^2, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^5, 4^3, 6^2, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^8, 4^3, 6^2, 12^3\})$	87360
12	$\mathcal{O}(0; \{2, 3^{11}, 4^3, 6^2, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^5, 6^2, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^5, 4^5, 6^2, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^8, 4^5, 6^2, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^7, 3^2, 4^7, 6^2, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^5, 4^7, 6^2, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^2, 4^9, 6^2, 12^3\})$	86016
12	$\mathcal{O}(0; \{3^5, 4^9, 6^2, 12^3\})$	700416
12	$\mathcal{O}(0; \{2, 3^2, 4^{11}, 6^2, 12^3\})$	344064
12	$\mathcal{O}(0; \{2^{17}, 4, 6^3, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4, 6^3, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^6, 4, 6^3, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^9, 4, 6^3, 12^3\})$	87376
12	$\mathcal{O}(0; \{2, 3^{12}, 4, 6^3, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{14}, 4^3, 6^3, 12^3\})$	704
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^3, 6^3, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^6, 4^3, 6^3, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^9, 4^3, 6^3, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^{11}, 4^5, 6^3, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^3, 4^5, 6^3, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^6, 4^5, 6^3, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^8, 4^7, 6^3, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^3, 4^7, 6^3, 12^3\})$	87040
12	$\mathcal{O}(0; \{3^6, 4^7, 6^3, 12^3\})$	699392
12	$\mathcal{O}(0; \{2^5, 4^9, 6^3, 12^3\})$	45056

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^3, 4^9, 6^3, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^2, 4^{11}, 6^3, 12^3\})$	180224
12	$\mathcal{O}(0; \{2^{14}, 3, 4, 6^4, 12^3\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4, 6^4, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^7, 4, 6^4, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4, 6^4, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{11}, 3, 4^3, 6^4, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^4, 4^3, 6^4, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^7, 4^3, 6^4, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^8, 3, 4^5, 6^4, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^4, 4^5, 6^4, 12^3\})$	87296
12	$\mathcal{O}(0; \{3^7, 4^5, 6^4, 12^3\})$	699136
12	$\mathcal{O}(0; \{2^5, 3, 4^7, 6^4, 12^3\})$	44032
12	$\mathcal{O}(0; \{2, 3^4, 4^7, 6^4, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^2, 3, 4^9, 6^4, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4, 6^5, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^5, 4, 6^5, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^8, 4, 6^5, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^8, 3^2, 4^3, 6^5, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^5, 4^3, 6^5, 12^3\})$	87360
12	$\mathcal{O}(0; \{3^8, 4^3, 6^5, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^5, 3^2, 4^5, 6^5, 12^3\})$	43776
12	$\mathcal{O}(0; \{2, 3^5, 4^5, 6^5, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^2, 4^7, 6^5, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^{12}, 4, 6^6, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^3, 4, 6^6, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^6, 4, 6^6, 12^3\})$	87376
12	$\mathcal{O}(0; \{3^9, 4, 6^6, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^9, 4^3, 6^6, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 6^6, 12^3\})$	43712
12	$\mathcal{O}(0; \{2, 3^6, 4^3, 6^6, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^6, 4^5, 6^6, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 6^6, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^3, 4^7, 6^6, 12^3\})$	87040
12	$\mathcal{O}(0; \{4^9, 6^6, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^9, 3, 4, 6^7, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 6^7, 12^3\})$	43696
12	$\mathcal{O}(0; \{2, 3^7, 4, 6^7, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 6^7, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6^7, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 6^7, 12^3\})$	87296
12	$\mathcal{O}(0; \{3, 4^7, 6^7, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^8, 12^3\})$	21840

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^8, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^8, 12^3\})$	87360
12	$\mathcal{O}(0; \{3^2, 4^5, 6^8, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^7, 4, 6^9, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^9, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^4, 4^3, 6^9, 12^3\})$	43712
12	$\mathcal{O}(0; \{3^3, 4^3, 6^9, 12^3\})$	349504
12	$\mathcal{O}(0; \{2, 4^5, 6^9, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^{10}, 12^3\})$	43696
12	$\mathcal{O}(0; \{3^4, 4, 6^{10}, 12^3\})$	349520
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^{10}, 12^3\})$	174784
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^{11}, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^2, 4, 6^{12}, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^{19}, 3^2, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{15}, 3^5, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^{11}, 3^8, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^7, 3^{11}, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^3, 3^{14}, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^2, 12^4\})$	704
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^2, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^8, 4^2, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^2, 12^4\})$	349504
12	$\mathcal{O}(0; \{3^{14}, 4^2, 12^4\})$	2796224
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^4, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^9, 3^5, 4^4, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^8, 4^4, 12^4\})$	174848
12	$\mathcal{O}(0; \{2, 3^{11}, 4^4, 12^4\})$	1398016
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^6, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^6, 3^5, 4^6, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^8, 4^6, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^7, 3^2, 4^8, 12^4\})$	45056
12	$\mathcal{O}(0; \{2^3, 3^5, 4^8, 12^4\})$	348160
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{10}, 12^4\})$	180224
12	$\mathcal{O}(0; \{3^5, 4^{10}, 12^4\})$	1392640
12	$\mathcal{O}(0; \{2, 3^2, 4^{12}, 12^4\})$	720896
12	$\mathcal{O}(0; \{2^{20}, 6, 12^4\})$	80
12	$\mathcal{O}(0; \{2^{16}, 3^3, 6, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{12}, 3^6, 6, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^8, 3^9, 6, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^4, 3^{12}, 6, 12^4\})$	349520
12	$\mathcal{O}(0; \{3^{15}, 6, 12^4\})$	2796208
12	$\mathcal{O}(0; \{2^{17}, 4^2, 6, 12^4\})$	320
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^2, 6, 12^4\})$	2752

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^9, 3^6, 4^2, 6, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^9, 4^2, 6, 12^4\})$	174784
12	$\mathcal{O}(0; \{2, 3^{12}, 4^2, 6, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^{14}, 4^4, 6, 12^4\})$	1280
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^4, 6, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^6, 4^4, 6, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^9, 4^4, 6, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^{11}, 4^6, 6, 12^4\})$	5120
12	$\mathcal{O}(0; \{2^7, 3^3, 4^6, 6, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^6, 4^6, 6, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^8, 4^8, 6, 12^4\})$	20480
12	$\mathcal{O}(0; \{2^4, 3^3, 4^8, 6, 12^4\})$	176128
12	$\mathcal{O}(0; \{3^6, 4^8, 6, 12^4\})$	1396736
12	$\mathcal{O}(0; \{2^5, 4^{10}, 6, 12^4\})$	81920
12	$\mathcal{O}(0; \{2, 3^3, 4^{10}, 6, 12^4\})$	704512
12	$\mathcal{O}(0; \{2^2, 4^{12}, 6, 12^4\})$	327680
12	$\mathcal{O}(0; \{2^{17}, 3, 6^2, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{13}, 3^4, 6^2, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^9, 3^7, 6^2, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^5, 3^{10}, 6^2, 12^4\})$	174768
12	$\mathcal{O}(0; \{2, 3^{13}, 6^2, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^{14}, 3, 4^2, 6^2, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^2, 6^2, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^7, 4^2, 6^2, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^2, 6^2, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^{11}, 3, 4^4, 6^2, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^7, 3^4, 4^4, 6^2, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^7, 4^4, 6^2, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^8, 3, 4^6, 6^2, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^4, 4^6, 6^2, 12^4\})$	175104
12	$\mathcal{O}(0; \{3^7, 4^6, 6^2, 12^4\})$	1397760
12	$\mathcal{O}(0; \{2^5, 3, 4^8, 6^2, 12^4\})$	86016
12	$\mathcal{O}(0; \{2, 3^4, 4^8, 6^2, 12^4\})$	700416
12	$\mathcal{O}(0; \{2^2, 3, 4^{10}, 6^2, 12^4\})$	344064
12	$\mathcal{O}(0; \{2^{14}, 3^2, 6^3, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^{10}, 3^5, 6^3, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^6, 3^8, 6^3, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^{11}, 6^3, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^2, 6^3, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^5, 4^2, 6^3, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^8, 4^2, 6^3, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^8, 3^2, 4^4, 6^3, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^5, 4^4, 6^3, 12^4\})$	174848

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^8, 4^4, 6^3, 12^4\})$	1398016
12	$\mathcal{O}(0; \{2^5, 3^2, 4^6, 6^3, 12^4\})$	87040
12	$\mathcal{O}(0; \{2, 3^5, 4^6, 6^3, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^2, 4^8, 6^3, 12^4\})$	348160
12	$\mathcal{O}(0; \{2^{15}, 6^4, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{11}, 3^3, 6^4, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^6, 6^4, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^9, 6^4, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{12}, 4^2, 6^4, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^3, 4^2, 6^4, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^6, 4^2, 6^4, 12^4\})$	174784
12	$\mathcal{O}(0; \{3^9, 4^2, 6^4, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^9, 4^4, 6^4, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^3, 4^4, 6^4, 12^4\})$	87296
12	$\mathcal{O}(0; \{2, 3^6, 4^4, 6^4, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^6, 4^6, 6^4, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^3, 4^6, 6^4, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^3, 4^8, 6^4, 12^4\})$	176128
12	$\mathcal{O}(0; \{4^{10}, 6^4, 12^4\})$	704512
12	$\mathcal{O}(0; \{2^{12}, 3, 6^5, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^4, 6^5, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^7, 6^5, 12^4\})$	174768
12	$\mathcal{O}(0; \{3^{10}, 6^5, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 6^5, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 6^5, 12^4\})$	87360
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 6^5, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 6^5, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 6^5, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 6^5, 12^4\})$	175104
12	$\mathcal{O}(0; \{3, 4^8, 6^5, 12^4\})$	700416
12	$\mathcal{O}(0; \{2^9, 3^2, 6^6, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^5, 6^6, 12^4\})$	87376
12	$\mathcal{O}(0; \{2, 3^8, 6^6, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6^6, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6^6, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6^6, 12^4\})$	174848
12	$\mathcal{O}(0; \{3^2, 4^6, 6^6, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^{10}, 6^7, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^3, 6^7, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^6, 6^7, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^7, 4^2, 6^7, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^7, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^4, 4^4, 6^7, 12^4\})$	87296

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^3, 4^4, 6^7, 12^4\})$	699136
12	$\mathcal{O}(0; \{2, 4^6, 6^7, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^7, 3, 6^8, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^4, 6^8, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^8, 12^4\})$	87360
12	$\mathcal{O}(0; \{3^4, 4^2, 6^8, 12^4\})$	699072
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^8, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^4, 3^2, 6^9, 12^4\})$	87376
12	$\mathcal{O}(0; \{3^5, 6^9, 12^4\})$	699056
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^9, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^5, 6^{10}, 12^4\})$	43696
12	$\mathcal{O}(0; \{2, 3^3, 6^{10}, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^2, 4^2, 6^{10}, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^2, 3, 6^{11}, 12^4\})$	174768
12	$\mathcal{O}(0; \{6^{13}, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{17}, 3, 4, 12^5\})$	704
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^9, 3^7, 4, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4, 12^5\})$	349504
12	$\mathcal{O}(0; \{2, 3^{13}, 4, 12^5\})$	2796224
12	$\mathcal{O}(0; \{2^{14}, 3, 4^3, 12^5\})$	2816
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^3, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^7, 4^3, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^3, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^{11}, 3, 4^5, 12^5\})$	11264
12	$\mathcal{O}(0; \{2^7, 3^4, 4^5, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^7, 4^5, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^8, 3, 4^7, 12^5\})$	45056
12	$\mathcal{O}(0; \{2^4, 3^4, 4^7, 12^5\})$	348160
12	$\mathcal{O}(0; \{3^7, 4^7, 12^5\})$	2797568
12	$\mathcal{O}(0; \{2^5, 3, 4^9, 12^5\})$	180224
12	$\mathcal{O}(0; \{2, 3^4, 4^9, 12^5\})$	1392640
12	$\mathcal{O}(0; \{2^2, 3, 4^{11}, 12^5\})$	720896
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4, 6, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4, 6, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^8, 4, 6, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4, 6, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^3, 6, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^7, 3^5, 4^3, 6, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^8, 4^3, 6, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^8, 3^2, 4^5, 6, 12^5\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^5, 4^5, 6, 12^5\})$	349184
12	$\mathcal{O}(0; \{3^8, 4^5, 6, 12^5\})$	2796544

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^2, 4^7, 6, 12^5\})$	176128
12	$\mathcal{O}(0; \{2, 3^5, 4^7, 6, 12^5\})$	1396736
12	$\mathcal{O}(0; \{2^2, 3^2, 4^9, 6, 12^5\})$	704512
12	$\mathcal{O}(0; \{2^{15}, 4, 6^2, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4, 6^2, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^6, 4, 6^2, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^9, 4, 6^2, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^{12}, 4^3, 6^2, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^8, 3^3, 4^3, 6^2, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^6, 4^3, 6^2, 12^5\})$	349440
12	$\mathcal{O}(0; \{3^9, 4^3, 6^2, 12^5\})$	2796288
12	$\mathcal{O}(0; \{2^9, 4^5, 6^2, 12^5\})$	21504
12	$\mathcal{O}(0; \{2^5, 3^3, 4^5, 6^2, 12^5\})$	175104
12	$\mathcal{O}(0; \{2, 3^6, 4^5, 6^2, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^6, 4^7, 6^2, 12^5\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^3, 4^7, 6^2, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^3, 4^9, 6^2, 12^5\})$	344064
12	$\mathcal{O}(0; \{4^{11}, 6^2, 12^5\})$	1376256
12	$\mathcal{O}(0; \{2^{12}, 3, 4, 6^3, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^4, 4, 6^3, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^7, 4, 6^3, 12^5\})$	349504
12	$\mathcal{O}(0; \{3^{10}, 4, 6^3, 12^5\})$	2796224
12	$\mathcal{O}(0; \{2^9, 3, 4^3, 6^3, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^4, 4^3, 6^3, 12^5\})$	174848
12	$\mathcal{O}(0; \{2, 3^7, 4^3, 6^3, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^6, 3, 4^5, 6^3, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^4, 4^5, 6^3, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^3, 3, 4^7, 6^3, 12^5\})$	348160
12	$\mathcal{O}(0; \{3, 4^9, 6^3, 12^5\})$	1392640
12	$\mathcal{O}(0; \{2^9, 3^2, 4, 6^4, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^5, 4, 6^4, 12^5\})$	174784
12	$\mathcal{O}(0; \{2, 3^8, 4, 6^4, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 6^4, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 6^4, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 6^4, 12^5\})$	349184
12	$\mathcal{O}(0; \{3^2, 4^7, 6^4, 12^5\})$	1396736
12	$\mathcal{O}(0; \{2^{10}, 4, 6^5, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 6^5, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 6^5, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^7, 4^3, 6^5, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6^5, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^4, 4^5, 6^5, 12^5\})$	175104
12	$\mathcal{O}(0; \{3^3, 4^5, 6^5, 12^5\})$	1397760

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 4^7, 6^5, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^7, 3, 4, 6^6, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^6, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^6, 12^5\})$	174848
12	$\mathcal{O}(0; \{3^4, 4^3, 6^6, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2, 3, 4^5, 6^6, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^7, 12^5\})$	174784
12	$\mathcal{O}(0; \{3^5, 4, 6^7, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^7, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^5, 4, 6^8, 12^5\})$	87360
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^8, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^2, 4^3, 6^8, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^9, 12^5\})$	349504
12	$\mathcal{O}(0; \{4, 6^{11}, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^{18}, 12^6\})$	704
12	$\mathcal{O}(0; \{2^{14}, 3^3, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^{10}, 3^6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^6, 3^9, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^2, 3^{12}, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^{15}, 4^2, 12^6\})$	2816
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^2, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^7, 3^6, 4^2, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^9, 4^2, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^{12}, 4^4, 12^6\})$	11264
12	$\mathcal{O}(0; \{2^8, 3^3, 4^4, 12^6\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^6, 4^4, 12^6\})$	699392
12	$\mathcal{O}(0; \{3^9, 4^4, 12^6\})$	5592064
12	$\mathcal{O}(0; \{2^9, 4^6, 12^6\})$	45056
12	$\mathcal{O}(0; \{2^5, 3^3, 4^6, 12^6\})$	348160
12	$\mathcal{O}(0; \{2, 3^6, 4^6, 12^6\})$	2797568
12	$\mathcal{O}(0; \{2^6, 4^8, 12^6\})$	180224
12	$\mathcal{O}(0; \{2^2, 3^3, 4^8, 12^6\})$	1392640
12	$\mathcal{O}(0; \{2^3, 4^{10}, 12^6\})$	720896
12	$\mathcal{O}(0; \{4^{12}, 12^6\})$	2883584
12	$\mathcal{O}(0; \{2^{15}, 3, 6, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^{11}, 3^4, 6, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^7, 3^7, 6, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^3, 3^{10}, 6, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^{12}, 3, 4^2, 6, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^8, 3^4, 4^2, 6, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^7, 4^2, 6, 12^6\})$	699136
12	$\mathcal{O}(0; \{3^{10}, 4^2, 6, 12^6\})$	5592320
12	$\mathcal{O}(0; \{2^9, 3, 4^4, 6, 12^6\})$	44032

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^4, 4^4, 6, 12^6\})$	349184
12	$\mathcal{O}(0; \{2, 3^7, 4^4, 6, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2^6, 3, 4^6, 6, 12^6\})$	176128
12	$\mathcal{O}(0; \{2^2, 3^4, 4^6, 6, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^3, 3, 4^8, 6, 12^6\})$	704512
12	$\mathcal{O}(0; \{3, 4^{10}, 6, 12^6\})$	2818048
12	$\mathcal{O}(0; \{2^{12}, 3^2, 6^2, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^8, 3^5, 6^2, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^8, 6^2, 12^6\})$	699072
12	$\mathcal{O}(0; \{3^{11}, 6^2, 12^6\})$	5592384
12	$\mathcal{O}(0; \{2^9, 3^2, 4^2, 6^2, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^5, 4^2, 6^2, 12^6\})$	349440
12	$\mathcal{O}(0; \{2, 3^8, 4^2, 6^2, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^6, 3^2, 4^4, 6^2, 12^6\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^5, 4^4, 6^2, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^3, 3^2, 4^6, 6^2, 12^6\})$	700416
12	$\mathcal{O}(0; \{3^2, 4^8, 6^2, 12^6\})$	2801664
12	$\mathcal{O}(0; \{2^{13}, 6^3, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^9, 3^3, 6^3, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^6, 6^3, 12^6\})$	349504
12	$\mathcal{O}(0; \{2, 3^9, 6^3, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^{10}, 4^2, 6^3, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 6^3, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 6^3, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^7, 4^4, 6^3, 12^6\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 6^3, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^4, 4^6, 6^3, 12^6\})$	348160
12	$\mathcal{O}(0; \{3^3, 4^6, 6^3, 12^6\})$	2797568
12	$\mathcal{O}(0; \{2, 4^8, 6^3, 12^6\})$	1392640
12	$\mathcal{O}(0; \{2^{10}, 3, 6^4, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^4, 6^4, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^7, 6^4, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 6^4, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6^4, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 6^4, 12^6\})$	349184
12	$\mathcal{O}(0; \{3^4, 4^4, 6^4, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2, 3, 4^6, 6^4, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^7, 3^2, 6^5, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^5, 6^5, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^5, 12^6\})$	349440
12	$\mathcal{O}(0; \{3^5, 4^2, 6^5, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^5, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^8, 6^6, 12^6\})$	43712

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^3, 6^6, 12^6\})$	349504
12	$\mathcal{O}(0; \{3^6, 6^6, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^5, 4^2, 6^6, 12^6\})$	174848
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^6, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^2, 4^4, 6^6, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^5, 3, 6^7, 12^6\})$	174784
12	$\mathcal{O}(0; \{2, 3^4, 6^7, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^7, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^2, 3^2, 6^8, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^3, 6^9, 12^6\})$	349504
12	$\mathcal{O}(0; \{4^2, 6^9, 12^6\})$	1398016
12	$\mathcal{O}(0; \{3, 6^{10}, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^8, 3^5, 4, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^8, 4, 12^7\})$	1398016
12	$\mathcal{O}(0; \{3^{11}, 4, 12^7\})$	11184896
12	$\mathcal{O}(0; \{2^9, 3^2, 4^3, 12^7\})$	87040
12	$\mathcal{O}(0; \{2^5, 3^5, 4^3, 12^7\})$	699392
12	$\mathcal{O}(0; \{2, 3^8, 4^3, 12^7\})$	5592064
12	$\mathcal{O}(0; \{2^6, 3^2, 4^5, 12^7\})$	348160
12	$\mathcal{O}(0; \{2^2, 3^5, 4^5, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2^3, 3^2, 4^7, 12^7\})$	1392640
12	$\mathcal{O}(0; \{3^2, 4^9, 12^7\})$	5570560
12	$\mathcal{O}(0; \{2^{13}, 4, 6, 12^7\})$	11008
12	$\mathcal{O}(0; \{2^9, 3^3, 4, 6, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^6, 4, 6, 12^7\})$	699136
12	$\mathcal{O}(0; \{2, 3^9, 4, 6, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2^{10}, 4^3, 6, 12^7\})$	44032
12	$\mathcal{O}(0; \{2^6, 3^3, 4^3, 6, 12^7\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^6, 4^3, 6, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^7, 4^5, 6, 12^7\})$	176128
12	$\mathcal{O}(0; \{2^3, 3^3, 4^5, 6, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2^4, 4^7, 6, 12^7\})$	704512
12	$\mathcal{O}(0; \{3^3, 4^7, 6, 12^7\})$	5586944
12	$\mathcal{O}(0; \{2, 4^9, 6, 12^7\})$	2818048
12	$\mathcal{O}(0; \{2^{10}, 3, 4, 6^2, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^4, 4, 6^2, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^7, 4, 6^2, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^7, 3, 4^3, 6^2, 12^7\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 6^2, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^4, 3, 4^5, 6^2, 12^7\})$	700416
12	$\mathcal{O}(0; \{3^4, 4^5, 6^2, 12^7\})$	5591040
12	$\mathcal{O}(0; \{2, 3, 4^7, 6^2, 12^7\})$	2801664

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 6^3, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 6^3, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6^3, 12^7\})$	699392
12	$\mathcal{O}(0; \{3^5, 4^3, 6^3, 12^7\})$	5592064
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 6^3, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2^8, 4, 6^4, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^4, 12^7\})$	699136
12	$\mathcal{O}(0; \{3^6, 4, 6^4, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2^5, 4^3, 6^4, 12^7\})$	349184
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^4, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^2, 4^5, 6^4, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^5, 12^7\})$	349440
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^5, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^5, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^6, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^3, 4, 6^7, 12^7\})$	699136
12	$\mathcal{O}(0; \{4^3, 6^7, 12^7\})$	2796544
12	$\mathcal{O}(0; \{3, 4, 6^8, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^{13}, 3, 12^8\})$	21760
12	$\mathcal{O}(0; \{2^9, 3^4, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^5, 3^7, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2, 3^{10}, 12^8\})$	11184896
12	$\mathcal{O}(0; \{2^{10}, 3, 4^2, 12^8\})$	87040
12	$\mathcal{O}(0; \{2^6, 3^4, 4^2, 12^8\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^7, 4^2, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2^7, 3, 4^4, 12^8\})$	348160
12	$\mathcal{O}(0; \{2^3, 3^4, 4^4, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2^4, 3, 4^6, 12^8\})$	1392640
12	$\mathcal{O}(0; \{3^4, 4^6, 12^8\})$	11190272
12	$\mathcal{O}(0; \{2, 3, 4^8, 12^8\})$	5570560
12	$\mathcal{O}(0; \{2^{10}, 3^2, 6, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^6, 3^5, 6, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^2, 3^8, 6, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 6, 12^8\})$	349184
12	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 6, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 6, 12^8\})$	1396736
12	$\mathcal{O}(0; \{3^5, 4^4, 6, 12^8\})$	11186176
12	$\mathcal{O}(0; \{2, 3^2, 4^6, 6, 12^8\})$	5586944
12	$\mathcal{O}(0; \{2^{11}, 6^2, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^7, 3^3, 6^2, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^6, 6^2, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^8, 4^2, 6^2, 12^8\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6^2, 12^8\})$	1397760

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^6, 4^2, 6^2, 12^8\})$	11185152
12	$\mathcal{O}(0; \{2^5, 4^4, 6^2, 12^8\})$	700416
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 6^2, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2^2, 4^6, 6^2, 12^8\})$	2801664
12	$\mathcal{O}(0; \{2^8, 3, 6^3, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^4, 6^3, 12^8\})$	1398016
12	$\mathcal{O}(0; \{3^7, 6^3, 12^8\})$	11184896
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^3, 12^8\})$	699392
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^3, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^3, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2^5, 3^2, 6^4, 12^8\})$	699136
12	$\mathcal{O}(0; \{2, 3^5, 6^4, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^4, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^6, 6^5, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^3, 6^5, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^3, 4^2, 6^5, 12^8\})$	1397760
12	$\mathcal{O}(0; \{4^4, 6^5, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2^3, 3, 6^6, 12^8\})$	1398016
12	$\mathcal{O}(0; \{3, 4^2, 6^6, 12^8\})$	5592064
12	$\mathcal{O}(0; \{3^2, 6^7, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2, 6^8, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^{11}, 4, 12^9\})$	87040
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 12^9\})$	699392
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^8, 4^3, 12^9\})$	348160
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 12^9\})$	2797568
12	$\mathcal{O}(0; \{3^6, 4^3, 12^9\})$	22368256
12	$\mathcal{O}(0; \{2^5, 4^5, 12^9\})$	1392640
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 12^9\})$	11190272
12	$\mathcal{O}(0; \{2^2, 4^7, 12^9\})$	5570560
12	$\mathcal{O}(0; \{2^8, 3, 4, 6, 12^9\})$	349184
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6, 12^9\})$	2796544
12	$\mathcal{O}(0; \{3^7, 4, 6, 12^9\})$	22369280
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 6, 12^9\})$	1396736
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6, 12^9\})$	11186176
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6, 12^9\})$	5586944
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^2, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^2, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^2, 12^9\})$	5591040
12	$\mathcal{O}(0; \{2^6, 4, 6^3, 12^9\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^3, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^3, 4^3, 6^3, 12^9\})$	2797568
12	$\mathcal{O}(0; \{4^5, 6^3, 12^9\})$	11190272

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^4, 12^9\})$	2796544
12	$\mathcal{O}(0; \{3, 4^3, 6^4, 12^9\})$	11186176
12	$\mathcal{O}(0; \{3^2, 4, 6^5, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2, 4, 6^6, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^8, 3^2, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{2^4, 3^5, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{3^8, 12^{10}\})$	44739584
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 12^{10}\})$	22368256
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 12^{10}\})$	11190272
12	$\mathcal{O}(0; \{2^9, 6, 12^{10}\})$	349184
12	$\mathcal{O}(0; \{2^5, 3^3, 6, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2, 3^6, 6, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2^6, 4^2, 6, 12^{10}\})$	1396736
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{2^3, 4^4, 6, 12^{10}\})$	5586944
12	$\mathcal{O}(0; \{4^6, 6, 12^{10}\})$	22347776
12	$\mathcal{O}(0; \{2^6, 3, 6^2, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^2, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{3, 4^4, 6^2, 12^{10}\})$	22364160
12	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{3^2, 4^2, 6^3, 12^{10}\})$	22368256
12	$\mathcal{O}(0; \{2^4, 6^4, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{3^3, 6^4, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2, 4^2, 6^4, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{2, 3, 6^5, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^6, 3, 4, 12^{11}\})$	2797568
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 12^{11}\})$	11190272
12	$\mathcal{O}(0; \{3, 4^5, 12^{11}\})$	44761088
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{3^2, 4^3, 6, 12^{11}\})$	44744704
12	$\mathcal{O}(0; \{2^4, 4, 6^2, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{3^3, 4, 6^2, 12^{11}\})$	44740608
12	$\mathcal{O}(0; \{2, 4^3, 6^2, 12^{11}\})$	22364160
12	$\mathcal{O}(0; \{2, 3, 4, 6^3, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{2^7, 12^{12}\})$	2797568
12	$\mathcal{O}(0; \{2^3, 3^3, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{2^4, 4^2, 12^{12}\})$	11190272
12	$\mathcal{O}(0; \{3^3, 4^2, 12^{12}\})$	89473024
12	$\mathcal{O}(0; \{2, 4^4, 12^{12}\})$	44761088
12	$\mathcal{O}(0; \{2^4, 3, 6, 12^{12}\})$	11186176

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^4, 6, 12^{12}\})$	89477120
12	$\mathcal{O}(0; \{2, 3, 4^2, 6, 12^{12}\})$	44744704
12	$\mathcal{O}(0; \{2, 3^2, 6^2, 12^{12}\})$	44740608
12	$\mathcal{O}(0; \{2^2, 6^3, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{2, 3^2, 4, 12^{13}\})$	89473024
12	$\mathcal{O}(0; \{2^2, 4, 6, 12^{13}\})$	44744704
12	$\mathcal{O}(0; \{2^2, 3, 12^{14}\})$	89473024
12	$\mathcal{O}(0; \{6^2, 12^{14}\})$	178962432
12	$\mathcal{O}(0; \{4, 12^{15}\})$	357892096
13	$\mathcal{O}(4; \{13^6\})$	187366820767932
14	$\mathcal{O}(5; \{2^2, 7^2\})$	1735527929856
14	$\mathcal{O}(5; \{7, 14^2\})$	8677639649280
14	$\mathcal{O}(4; \{2^6, 7^2\})$	8854734336
14	$\mathcal{O}(4; \{2^4, 7, 14^2\})$	44273671680
14	$\mathcal{O}(4; \{2^2, 14^4\})$	274496764416
14	$\mathcal{O}(3; \{2^{10}, 7^2\})$	45177216
14	$\mathcal{O}(3; \{2^3, 7^5, 14\})$	50191886976
14	$\mathcal{O}(3; \{2^8, 7, 14^2\})$	225886080
14	$\mathcal{O}(3; \{2, 7^4, 14^3\})$	301106144640
14	$\mathcal{O}(3; \{2^6, 14^4\})$	1400493696
14	$\mathcal{O}(2; \{2^{14}, 7^2\})$	230496
14	$\mathcal{O}(2; \{2^2, 7^9\})$	55306362720
14	$\mathcal{O}(2; \{2^7, 7^5, 14\})$	256081056
14	$\mathcal{O}(2; \{2^{12}, 7, 14^2\})$	1152480
14	$\mathcal{O}(2; \{7^8, 14^2\})$	331838406816
14	$\mathcal{O}(2; \{2^5, 7^4, 14^3\})$	1536255840
14	$\mathcal{O}(2; \{2^{10}, 14^4\})$	7145376
14	$\mathcal{O}(2; \{2^3, 7^3, 14^5\})$	9217765536
14	$\mathcal{O}(2; \{2, 7^2, 14^7\})$	55306362720
14	$\mathcal{O}(1; \{2^{18}, 7^2\})$	1176
14	$\mathcal{O}(1; \{2^6, 7^9\})$	282175320
14	$\mathcal{O}(1; \{2^{11}, 7^5, 14\})$	1306536
14	$\mathcal{O}(1; \{2^{16}, 7, 14^2\})$	5880
14	$\mathcal{O}(1; \{2^4, 7^8, 14^2\})$	1693053096
14	$\mathcal{O}(1; \{2^9, 7^4, 14^3\})$	7838040
14	$\mathcal{O}(1; \{2^{14}, 14^4\})$	36456
14	$\mathcal{O}(1; \{2^2, 7^7, 14^4\})$	10158317400
14	$\mathcal{O}(1; \{2^7, 7^3, 14^5\})$	47029416
14	$\mathcal{O}(1; \{7^6, 14^6\})$	60949905576
14	$\mathcal{O}(1; \{2^5, 7^2, 14^7\})$	282175320
14	$\mathcal{O}(1; \{2^3, 7, 14^9\})$	1693053096
14	$\mathcal{O}(1; \{2, 14^{11}\})$	10158317400
14	$\mathcal{O}(0; \{2^{22}, 7^2\})$	6

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(0; \{2^{10}, 7^9\})$	1439670
14	$\mathcal{O}(0; \{2^{15}, 7^5, 14\})$	6666
14	$\mathcal{O}(0; \{2^3, 7^{12}, 14\})$	1865813430
14	$\mathcal{O}(0; \{2^{20}, 7, 14^2\})$	30
14	$\mathcal{O}(0; \{2^8, 7^8, 14^2\})$	8638026
14	$\mathcal{O}(0; \{2^{13}, 7^4, 14^3\})$	39990
14	$\mathcal{O}(0; \{2, 7^{11}, 14^3\})$	11194880586
14	$\mathcal{O}(0; \{2^{18}, 14^4\})$	186
14	$\mathcal{O}(0; \{2^6, 7^7, 14^4\})$	51828150
14	$\mathcal{O}(0; \{2^{11}, 7^3, 14^5\})$	239946
14	$\mathcal{O}(0; \{2^4, 7^6, 14^6\})$	310968906
14	$\mathcal{O}(0; \{2^9, 7^2, 14^7\})$	1439670
14	$\mathcal{O}(0; \{2^2, 7^5, 14^8\})$	1865813430
14	$\mathcal{O}(0; \{2^7, 7, 14^9\})$	8638026
14	$\mathcal{O}(0; \{7^4, 14^{10}\})$	11194880586
14	$\mathcal{O}(0; \{2^5, 14^{11}\})$	51828150
15	$\mathcal{O}(6; \emptyset)$	129746093218560
15	$\mathcal{O}(5; \{3^3\})$	1153300663152
15	$\mathcal{O}(4; \{3^6\})$	56383449408
15	$\mathcal{O}(4; \{5^5\})$	522750000000
15	$\mathcal{O}(4; \{3, 5^3, 15\})$	266540625000
15	$\mathcal{O}(4; \{3^2, 5, 15^2\})$	184528125000
15	$\mathcal{O}(3; \{3^9\})$	1936282320
15	$\mathcal{O}(3; \{3^3, 5^5\})$	4647375000
15	$\mathcal{O}(3; \{3^4, 5^3, 15\})$	5923125000
15	$\mathcal{O}(3; \{3^5, 5, 15^2\})$	5740875000
15	$\mathcal{O}(3; \{5^4, 15^3\})$	74631375000
15	$\mathcal{O}(3; \{3, 5^2, 15^4\})$	93403125000
15	$\mathcal{O}(3; \{3^2, 15^5\})$	97594875000
15	$\mathcal{O}(2; \{3^{12}\})$	69043104
15	$\mathcal{O}(2; \{3^6, 5^5\})$	227205000
15	$\mathcal{O}(2; \{5^{10}\})$	10485800000
15	$\mathcal{O}(2; \{3^7, 5^3, 15\})$	226395000
15	$\mathcal{O}(2; \{3, 5^8, 15\})$	5308335000
15	$\mathcal{O}(2; \{3^8, 5, 15^2\})$	207765000
15	$\mathcal{O}(2; \{3^2, 5^6, 15^2\})$	3981555000
15	$\mathcal{O}(2; \{3^3, 5^4, 15^3\})$	3648645000
15	$\mathcal{O}(2; \{3^4, 5^2, 15^4\})$	3570075000
15	$\mathcal{O}(2; \{3^5, 15^5\})$	3532005000
15	$\mathcal{O}(2; \{5^3, 15^6\})$	58391685000
15	$\mathcal{O}(2; \{3, 5, 15^7\})$	57068955000
15	$\mathcal{O}(1; \{3^{15}\})$	2359152
15	$\mathcal{O}(1; \{3^9, 5^5\})$	7803000

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(1; \{3^3, 5^{10}\})$	94372200
15	$\mathcal{O}(1; \{3^{10}, 5^3, 15\})$	7979400
15	$\mathcal{O}(1; \{3^4, 5^8, 15\})$	117963000
15	$\mathcal{O}(1; \{3^{11}, 5, 15^2\})$	7371000
15	$\mathcal{O}(1; \{3^5, 5^6, 15^2\})$	123870600
15	$\mathcal{O}(1; \{3^6, 5^4, 15^3\})$	125307000
15	$\mathcal{O}(1; \{5^9, 15^3\})$	1509949800
15	$\mathcal{O}(1; \{3^7, 5^2, 15^4\})$	125829000
15	$\mathcal{O}(1; \{3, 5^7, 15^4\})$	1887435000
15	$\mathcal{O}(1; \{3^8, 15^5\})$	125307000
15	$\mathcal{O}(1; \{3^2, 5^5, 15^5\})$	1981816200
15	$\mathcal{O}(1; \{3^3, 5^3, 15^6\})$	2005371000
15	$\mathcal{O}(1; \{3^4, 5, 15^7\})$	2011422600
15	$\mathcal{O}(1; \{5^2, 15^9\})$	32086395000
15	$\mathcal{O}(1; \{3, 15^{10}\})$	32180920200
15	$\mathcal{O}(0; \{3^{12}, 5^5\})$	278664
15	$\mathcal{O}(0; \{3^6, 5^{10}\})$	4613752
15	$\mathcal{O}(0; \{3^{13}, 5^3, 15\})$	284024
15	$\mathcal{O}(0; \{3^7, 5^8, 15\})$	4508808
15	$\mathcal{O}(0; \{3, 5^{13}, 15\})$	107374184
15	$\mathcal{O}(0; \{3^{14}, 5, 15^2\})$	262152
15	$\mathcal{O}(0; \{3^8, 5^6, 15^2\})$	4482936
15	$\mathcal{O}(0; \{3^2, 5^{11}, 15^2\})$	80530632
15	$\mathcal{O}(0; \{3^9, 5^4, 15^3\})$	4475016
15	$\mathcal{O}(0; \{3^3, 5^9, 15^3\})$	73819768
15	$\mathcal{O}(0; \{3^{10}, 5^2, 15^4\})$	4478840
15	$\mathcal{O}(0; \{3^4, 5^7, 15^4\})$	72141960
15	$\mathcal{O}(0; \{3^{11}, 15^5\})$	4456584
15	$\mathcal{O}(0; \{3^5, 5^5, 15^5\})$	71722872
15	$\mathcal{O}(0; \{3^6, 5^3, 15^6\})$	71616648
15	$\mathcal{O}(0; \{5^8, 15^6\})$	1181116024
15	$\mathcal{O}(0; \{3^7, 5, 15^7\})$	71595896
15	$\mathcal{O}(0; \{3, 5^6, 15^7\})$	1154272392
15	$\mathcal{O}(0; \{3^2, 5^4, 15^8\})$	1147561848
15	$\mathcal{O}(0; \{3^3, 5^2, 15^9\})$	1145882760
15	$\mathcal{O}(0; \{3^4, 15^{10}\})$	1145468792
15	$\mathcal{O}(0; \{5, 15^{12}\})$	18334140552
16	$\mathcal{O}(4; \{2^3, 16^2\})$	34359738368
16	$\mathcal{O}(4; \{4^2, 16^2\})$	137438953472
16	$\mathcal{O}(3; \{2^7, 16^2\})$	134217728
16	$\mathcal{O}(3; \{2^4, 4^2, 16^2\})$	536870912
16	$\mathcal{O}(3; \{2, 4^4, 16^2\})$	2147483648
16	$\mathcal{O}(3; \{2^2, 4, 8^2, 16^2\})$	4294967296

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(3; \{8^4, 16^2\})$	34359738368
16	$\mathcal{O}(3; \{4, 8, 16^4\})$	68719476736
16	$\mathcal{O}(2; \{2^{11}, 16^2\})$	524288
16	$\mathcal{O}(2; \{2^8, 4^2, 16^2\})$	2097152
16	$\mathcal{O}(2; \{2^5, 4^4, 16^2\})$	8388608
16	$\mathcal{O}(2; \{2^2, 4^6, 16^2\})$	33554432
16	$\mathcal{O}(2; \{2^6, 4, 8^2, 16^2\})$	16777216
16	$\mathcal{O}(2; \{2^3, 4^3, 8^2, 16^2\})$	67108864
16	$\mathcal{O}(2; \{4^5, 8^2, 16^2\})$	268435456
16	$\mathcal{O}(2; \{2^4, 8^4, 16^2\})$	134217728
16	$\mathcal{O}(2; \{2, 4^2, 8^4, 16^2\})$	536870912
16	$\mathcal{O}(2; \{2^4, 4, 8, 16^4\})$	268435456
16	$\mathcal{O}(2; \{2, 4^3, 8, 16^4\})$	1073741824
16	$\mathcal{O}(2; \{2^2, 8^3, 16^4\})$	2147483648
16	$\mathcal{O}(2; \{2^2, 4, 16^6\})$	4294967296
16	$\mathcal{O}(2; \{8^2, 16^6\})$	34359738368
16	$\mathcal{O}(1; \{2^{15}, 16^2\})$	2048
16	$\mathcal{O}(1; \{2^{12}, 4^2, 16^2\})$	8192
16	$\mathcal{O}(1; \{2^9, 4^4, 16^2\})$	32768
16	$\mathcal{O}(1; \{2^6, 4^6, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^3, 4^8, 16^2\})$	524288
16	$\mathcal{O}(1; \{4^{10}, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2^{10}, 4, 8^2, 16^2\})$	65536
16	$\mathcal{O}(1; \{2^7, 4^3, 8^2, 16^2\})$	262144
16	$\mathcal{O}(1; \{2^4, 4^5, 8^2, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2, 4^7, 8^2, 16^2\})$	4194304
16	$\mathcal{O}(1; \{2^8, 8^4, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^5, 4^2, 8^4, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2^2, 4^4, 8^4, 16^2\})$	8388608
16	$\mathcal{O}(1; \{2^3, 4, 8^6, 16^2\})$	16777216
16	$\mathcal{O}(1; \{4^3, 8^6, 16^2\})$	67108864
16	$\mathcal{O}(1; \{2, 8^8, 16^2\})$	134217728
16	$\mathcal{O}(1; \{2^8, 4, 8, 16^4\})$	1048576
16	$\mathcal{O}(1; \{2^5, 4^3, 8, 16^4\})$	4194304
16	$\mathcal{O}(1; \{2^2, 4^5, 8, 16^4\})$	16777216
16	$\mathcal{O}(1; \{2^6, 8^3, 16^4\})$	8388608
16	$\mathcal{O}(1; \{2^3, 4^2, 8^3, 16^4\})$	33554432
16	$\mathcal{O}(1; \{4^4, 8^3, 16^4\})$	134217728
16	$\mathcal{O}(1; \{2, 4, 8^5, 16^4\})$	268435456
16	$\mathcal{O}(1; \{2^6, 4, 16^6\})$	16777216
16	$\mathcal{O}(1; \{2^3, 4^3, 16^6\})$	67108864
16	$\mathcal{O}(1; \{4^5, 16^6\})$	268435456
16	$\mathcal{O}(1; \{2^4, 8^2, 16^6\})$	134217728

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{2, 4^2, 8^2, 16^6\})$	536870912
16	$\mathcal{O}(1; \{2^2, 8, 16^8\})$	2147483648
16	$\mathcal{O}(1; \{16^{10}\})$	34359738368
16	$\mathcal{O}(0; \{2^{19}, 16^2\})$	8
16	$\mathcal{O}(0; \{2^{16}, 4^2, 16^2\})$	32
16	$\mathcal{O}(0; \{2^{13}, 4^4, 16^2\})$	128
16	$\mathcal{O}(0; \{2^{10}, 4^6, 16^2\})$	512
16	$\mathcal{O}(0; \{2^7, 4^8, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^4, 4^{10}, 16^2\})$	8192
16	$\mathcal{O}(0; \{2, 4^{12}, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^{14}, 4, 8^2, 16^2\})$	256
16	$\mathcal{O}(0; \{2^{11}, 4^3, 8^2, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^8, 4^5, 8^2, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^5, 4^7, 8^2, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^2, 4^9, 8^2, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^{12}, 8^4, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^9, 4^2, 8^4, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^6, 4^4, 8^4, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^3, 4^6, 8^4, 16^2\})$	131072
16	$\mathcal{O}(0; \{4^8, 8^4, 16^2\})$	524288
16	$\mathcal{O}(0; \{2^7, 4, 8^6, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^4, 4^3, 8^6, 16^2\})$	262144
16	$\mathcal{O}(0; \{2, 4^5, 8^6, 16^2\})$	1048576
16	$\mathcal{O}(0; \{2^5, 8^8, 16^2\})$	524288
16	$\mathcal{O}(0; \{2^2, 4^2, 8^8, 16^2\})$	2097152
16	$\mathcal{O}(0; \{4, 8^{10}, 16^2\})$	16777216
16	$\mathcal{O}(0; \{2^{12}, 4, 8, 16^4\})$	4096
16	$\mathcal{O}(0; \{2^9, 4^3, 8, 16^4\})$	16384
16	$\mathcal{O}(0; \{2^6, 4^5, 8, 16^4\})$	65536
16	$\mathcal{O}(0; \{2^3, 4^7, 8, 16^4\})$	262144
16	$\mathcal{O}(0; \{4^9, 8, 16^4\})$	1048576
16	$\mathcal{O}(0; \{2^{10}, 8^3, 16^4\})$	32768
16	$\mathcal{O}(0; \{2^7, 4^2, 8^3, 16^4\})$	131072
16	$\mathcal{O}(0; \{2^4, 4^4, 8^3, 16^4\})$	524288
16	$\mathcal{O}(0; \{2, 4^6, 8^3, 16^4\})$	2097152
16	$\mathcal{O}(0; \{2^5, 4, 8^5, 16^4\})$	1048576
16	$\mathcal{O}(0; \{2^2, 4^3, 8^5, 16^4\})$	4194304
16	$\mathcal{O}(0; \{2^3, 8^7, 16^4\})$	8388608
16	$\mathcal{O}(0; \{4^2, 8^7, 16^4\})$	33554432
16	$\mathcal{O}(0; \{2^{10}, 4, 16^6\})$	65536
16	$\mathcal{O}(0; \{2^7, 4^3, 16^6\})$	262144
16	$\mathcal{O}(0; \{2^4, 4^5, 16^6\})$	1048576
16	$\mathcal{O}(0; \{2, 4^7, 16^6\})$	4194304

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{2^8, 8^2, 16^6\})$	524288
16	$\mathcal{O}(0; \{2^5, 4^2, 8^2, 16^6\})$	2097152
16	$\mathcal{O}(0; \{2^2, 4^4, 8^2, 16^6\})$	8388608
16	$\mathcal{O}(0; \{2^3, 4, 8^4, 16^6\})$	16777216
16	$\mathcal{O}(0; \{4^3, 8^4, 16^6\})$	67108864
16	$\mathcal{O}(0; \{2, 8^6, 16^6\})$	134217728
16	$\mathcal{O}(0; \{2^6, 8, 16^8\})$	8388608
16	$\mathcal{O}(0; \{2^3, 4^2, 8, 16^8\})$	33554432
16	$\mathcal{O}(0; \{4^4, 8, 16^8\})$	134217728
16	$\mathcal{O}(0; \{2, 4, 8^3, 16^8\})$	268435456
16	$\mathcal{O}(0; \{2^4, 16^{10}\})$	134217728
16	$\mathcal{O}(0; \{2, 4^2, 16^{10}\})$	536870912
17	$\mathcal{O}(4; \{17^3\})$	1674181785840
18	$\mathcal{O}(4; \{2^2, 3^2\})$	22036561920
18	$\mathcal{O}(4; \{3, 6^2\})$	22036561920
18	$\mathcal{O}(4; \{2, 9, 18\})$	66119763456
18	$\mathcal{O}(3; \{2^6, 3^2\})$	67931136
18	$\mathcal{O}(3; \{2^2, 3^5\})$	339655680
18	$\mathcal{O}(3; \{2^3, 3^3, 6\})$	203793408
18	$\mathcal{O}(3; \{2^4, 3, 6^2\})$	67931136
18	$\mathcal{O}(3; \{3^4, 6^2\})$	747242496
18	$\mathcal{O}(3; \{2, 3^2, 6^3\})$	339655680
18	$\mathcal{O}(3; \{2^2, 6^4\})$	203793408
18	$\mathcal{O}(3; \{2^2, 3, 9^3\})$	1224440064
18	$\mathcal{O}(3; \{6^2, 9^3\})$	2448880128
18	$\mathcal{O}(3; \{2^5, 9, 18\})$	204073344
18	$\mathcal{O}(3; \{2, 3^3, 9, 18\})$	1632586752
18	$\mathcal{O}(3; \{2^2, 3, 6, 9, 18\})$	816293376
18	$\mathcal{O}(3; \{6^3, 9, 18\})$	1632586752
18	$\mathcal{O}(3; \{3, 9^2, 18^2\})$	11019960576
18	$\mathcal{O}(3; \{2^3, 18^3\})$	612220032
18	$\mathcal{O}(3; \{3, 6, 18^3\})$	2448880128
18	$\mathcal{O}(2; \{2^{10}, 3^2\})$	207360
18	$\mathcal{O}(2; \{2^6, 3^5\})$	1036800
18	$\mathcal{O}(2; \{2^2, 3^8\})$	8916480
18	$\mathcal{O}(2; \{2^7, 3^3, 6\})$	622080
18	$\mathcal{O}(2; \{2^3, 3^6, 6\})$	4354560
18	$\mathcal{O}(2; \{2^8, 3, 6^2\})$	207360
18	$\mathcal{O}(2; \{2^4, 3^4, 6^2\})$	2280960
18	$\mathcal{O}(2; \{3^7, 6^2\})$	17625600
18	$\mathcal{O}(2; \{2^5, 3^2, 6^3\})$	1036800
18	$\mathcal{O}(2; \{2, 3^5, 6^3\})$	8916480
18	$\mathcal{O}(2; \{2^6, 6^4\})$	622080

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{2^2, 3^3, 6^4\})$	4354560
18	$\mathcal{O}(2; \{2^3, 3, 6^5\})$	2280960
18	$\mathcal{O}(2; \{3^2, 6^6\})$	8916480
18	$\mathcal{O}(2; \{2, 6^7\})$	4354560
18	$\mathcal{O}(2; \{2^6, 3, 9^3\})$	3779136
18	$\mathcal{O}(2; \{2^2, 3^4, 9^3\})$	30233088
18	$\mathcal{O}(2; \{2^3, 3^2, 6, 9^3\})$	15116544
18	$\mathcal{O}(2; \{2^4, 6^2, 9^3\})$	7558272
18	$\mathcal{O}(2; \{3^3, 6^2, 9^3\})$	60466176
18	$\mathcal{O}(2; \{2, 3, 6^3, 9^3\})$	30233088
18	$\mathcal{O}(2; \{2^2, 9^6\})$	561201696
18	$\mathcal{O}(2; \{2^9, 9, 18\})$	629856
18	$\mathcal{O}(2; \{2^5, 3^3, 9, 18\})$	5038848
18	$\mathcal{O}(2; \{2, 3^6, 9, 18\})$	40310784
18	$\mathcal{O}(2; \{2^6, 3, 6, 9, 18\})$	2519424
18	$\mathcal{O}(2; \{2^2, 3^4, 6, 9, 18\})$	20155392
18	$\mathcal{O}(2; \{2^3, 3^2, 6^2, 9, 18\})$	10077696
18	$\mathcal{O}(2; \{2^4, 6^3, 9, 18\})$	5038848
18	$\mathcal{O}(2; \{3^3, 6^3, 9, 18\})$	40310784
18	$\mathcal{O}(2; \{2, 3, 6^4, 9, 18\})$	20155392
18	$\mathcal{O}(2; \{2, 3^2, 9^4, 18\})$	340122240
18	$\mathcal{O}(2; \{2^2, 6, 9^4, 18\})$	170061120
18	$\mathcal{O}(2; \{2^4, 3, 9^2, 18^2\})$	34012224
18	$\mathcal{O}(2; \{3^4, 9^2, 18^2\})$	272097792
18	$\mathcal{O}(2; \{2, 3^2, 6, 9^2, 18^2\})$	136048896
18	$\mathcal{O}(2; \{2^2, 6^2, 9^2, 18^2\})$	68024448
18	$\mathcal{O}(2; \{9^5, 18^2\})$	3214155168
18	$\mathcal{O}(2; \{2^7, 18^3\})$	1889568
18	$\mathcal{O}(2; \{2^3, 3^3, 18^3\})$	15116544
18	$\mathcal{O}(2; \{2^4, 3, 6, 18^3\})$	7558272
18	$\mathcal{O}(2; \{3^4, 6, 18^3\})$	60466176
18	$\mathcal{O}(2; \{2, 3^2, 6^2, 18^3\})$	30233088
18	$\mathcal{O}(2; \{2^2, 6^3, 18^3\})$	15116544
18	$\mathcal{O}(2; \{6, 9^3, 18^3\})$	1122403392
18	$\mathcal{O}(2; \{2^2, 3, 9, 18^4\})$	170061120
18	$\mathcal{O}(2; \{6^2, 9, 18^4\})$	340122240
18	$\mathcal{O}(2; \{3, 18^6\})$	1122403392
18	$\mathcal{O}(1; \{2^{14}, 3^2\})$	576
18	$\mathcal{O}(1; \{2^{10}, 3^5\})$	2880
18	$\mathcal{O}(1; \{2^6, 3^8\})$	24768
18	$\mathcal{O}(1; \{2^2, 3^{11}\})$	196416
18	$\mathcal{O}(1; \{2^{11}, 3^3, 6\})$	1728
18	$\mathcal{O}(1; \{2^7, 3^6, 6\})$	12096

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^3, 3^9, 6\})$	98496
18	$\mathcal{O}(1; \{2^{12}, 3, 6^2\})$	576
18	$\mathcal{O}(1; \{2^8, 3^4, 6^2\})$	6336
18	$\mathcal{O}(1; \{2^4, 3^7, 6^2\})$	48960
18	$\mathcal{O}(1; \{3^{10}, 6^2\})$	393408
18	$\mathcal{O}(1; \{2^9, 3^2, 6^3\})$	2880
18	$\mathcal{O}(1; \{2^5, 3^5, 6^3\})$	24768
18	$\mathcal{O}(1; \{2, 3^8, 6^3\})$	196416
18	$\mathcal{O}(1; \{2^{10}, 6^4\})$	1728
18	$\mathcal{O}(1; \{2^6, 3^3, 6^4\})$	12096
18	$\mathcal{O}(1; \{2^2, 3^6, 6^4\})$	98496
18	$\mathcal{O}(1; \{2^7, 3, 6^5\})$	6336
18	$\mathcal{O}(1; \{2^3, 3^4, 6^5\})$	48960
18	$\mathcal{O}(1; \{2^4, 3^2, 6^6\})$	24768
18	$\mathcal{O}(1; \{3^5, 6^6\})$	196416
18	$\mathcal{O}(1; \{2^5, 6^7\})$	12096
18	$\mathcal{O}(1; \{2, 3^3, 6^7\})$	98496
18	$\mathcal{O}(1; \{2^2, 3, 6^8\})$	48960
18	$\mathcal{O}(1; \{6^{10}\})$	98496
18	$\mathcal{O}(1; \{2^{10}, 3, 9^3\})$	11664
18	$\mathcal{O}(1; \{2^6, 3^4, 9^3\})$	93312
18	$\mathcal{O}(1; \{2^2, 3^7, 9^3\})$	746496
18	$\mathcal{O}(1; \{2^7, 3^2, 6, 9^3\})$	46656
18	$\mathcal{O}(1; \{2^3, 3^5, 6, 9^3\})$	373248
18	$\mathcal{O}(1; \{2^8, 6^2, 9^3\})$	23328
18	$\mathcal{O}(1; \{2^4, 3^3, 6^2, 9^3\})$	186624
18	$\mathcal{O}(1; \{3^6, 6^2, 9^3\})$	1492992
18	$\mathcal{O}(1; \{2^5, 3, 6^3, 9^3\})$	93312
18	$\mathcal{O}(1; \{2, 3^4, 6^3, 9^3\})$	746496
18	$\mathcal{O}(1; \{2^2, 3^2, 6^4, 9^3\})$	373248
18	$\mathcal{O}(1; \{2^3, 6^5, 9^3\})$	186624
18	$\mathcal{O}(1; \{3, 6^6, 9^3\})$	746496
18	$\mathcal{O}(1; \{2^6, 9^6\})$	1732104
18	$\mathcal{O}(1; \{2^2, 3^3, 9^6\})$	13856832
18	$\mathcal{O}(1; \{2^3, 3, 6, 9^6\})$	6928416
18	$\mathcal{O}(1; \{3^2, 6^2, 9^6\})$	27713664
18	$\mathcal{O}(1; \{2, 6^3, 9^6\})$	13856832
18	$\mathcal{O}(1; \{2^{13}, 9, 18\})$	1944
18	$\mathcal{O}(1; \{2^9, 3^3, 9, 18\})$	15552
18	$\mathcal{O}(1; \{2^5, 3^6, 9, 18\})$	124416
18	$\mathcal{O}(1; \{2, 3^9, 9, 18\})$	995328
18	$\mathcal{O}(1; \{2^{10}, 3, 6, 9, 18\})$	7776
18	$\mathcal{O}(1; \{2^6, 3^4, 6, 9, 18\})$	62208

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^2, 3^7, 6, 9, 18\})$	497664
18	$\mathcal{O}(1; \{2^7, 3^2, 6^2, 9, 18\})$	31104
18	$\mathcal{O}(1; \{2^3, 3^5, 6^2, 9, 18\})$	248832
18	$\mathcal{O}(1; \{2^8, 6^3, 9, 18\})$	15552
18	$\mathcal{O}(1; \{2^4, 3^3, 6^3, 9, 18\})$	124416
18	$\mathcal{O}(1; \{3^6, 6^3, 9, 18\})$	995328
18	$\mathcal{O}(1; \{2^5, 3, 6^4, 9, 18\})$	62208
18	$\mathcal{O}(1; \{2, 3^4, 6^4, 9, 18\})$	497664
18	$\mathcal{O}(1; \{2^2, 3^2, 6^5, 9, 18\})$	248832
18	$\mathcal{O}(1; \{2^3, 6^6, 9, 18\})$	124416
18	$\mathcal{O}(1; \{3, 6^7, 9, 18\})$	497664
18	$\mathcal{O}(1; \{2^5, 3^2, 9^4, 18\})$	1049760
18	$\mathcal{O}(1; \{2, 3^5, 9^4, 18\})$	8398080
18	$\mathcal{O}(1; \{2^6, 6, 9^4, 18\})$	524880
18	$\mathcal{O}(1; \{2^2, 3^3, 6, 9^4, 18\})$	4199040
18	$\mathcal{O}(1; \{2^3, 3, 6^2, 9^4, 18\})$	2099520
18	$\mathcal{O}(1; \{3^2, 6^3, 9^4, 18\})$	8398080
18	$\mathcal{O}(1; \{2, 6^4, 9^4, 18\})$	4199040
18	$\mathcal{O}(1; \{2, 3, 9^7, 18\})$	121877136
18	$\mathcal{O}(1; \{2^8, 3, 9^2, 18^2\})$	104976
18	$\mathcal{O}(1; \{2^4, 3^4, 9^2, 18^2\})$	839808
18	$\mathcal{O}(1; \{3^7, 9^2, 18^2\})$	6718464
18	$\mathcal{O}(1; \{2^5, 3^2, 6, 9^2, 18^2\})$	419904
18	$\mathcal{O}(1; \{2, 3^5, 6, 9^2, 18^2\})$	3359232
18	$\mathcal{O}(1; \{2^6, 6^2, 9^2, 18^2\})$	209952
18	$\mathcal{O}(1; \{2^2, 3^3, 6^2, 9^2, 18^2\})$	1679616
18	$\mathcal{O}(1; \{2^3, 3, 6^3, 9^2, 18^2\})$	839808
18	$\mathcal{O}(1; \{3^2, 6^4, 9^2, 18^2\})$	3359232
18	$\mathcal{O}(1; \{2, 6^5, 9^2, 18^2\})$	1679616
18	$\mathcal{O}(1; \{2^4, 9^5, 18^2\})$	9920232
18	$\mathcal{O}(1; \{3^3, 9^5, 18^2\})$	79361856
18	$\mathcal{O}(1; \{2, 3, 6, 9^5, 18^2\})$	39680928
18	$\mathcal{O}(1; \{2^{11}, 18^3\})$	5832
18	$\mathcal{O}(1; \{2^7, 3^3, 18^3\})$	46656
18	$\mathcal{O}(1; \{2^3, 3^6, 18^3\})$	373248
18	$\mathcal{O}(1; \{2^8, 3, 6, 18^3\})$	23328
18	$\mathcal{O}(1; \{2^4, 3^4, 6, 18^3\})$	186624
18	$\mathcal{O}(1; \{3^7, 6, 18^3\})$	1492992
18	$\mathcal{O}(1; \{2^5, 3^2, 6^2, 18^3\})$	93312
18	$\mathcal{O}(1; \{2, 3^5, 6^2, 18^3\})$	746496
18	$\mathcal{O}(1; \{2^6, 6^3, 18^3\})$	46656
18	$\mathcal{O}(1; \{2^2, 3^3, 6^3, 18^3\})$	373248
18	$\mathcal{O}(1; \{2^3, 3, 6^4, 18^3\})$	186624

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{3^2, 6^5, 18^3\})$	746496
18	$\mathcal{O}(1; \{2, 6^6, 18^3\})$	373248
18	$\mathcal{O}(1; \{2^3, 3^2, 9^3, 18^3\})$	6928416
18	$\mathcal{O}(1; \{2^4, 6, 9^3, 18^3\})$	3464208
18	$\mathcal{O}(1; \{3^3, 6, 9^3, 18^3\})$	27713664
18	$\mathcal{O}(1; \{2, 3, 6^2, 9^3, 18^3\})$	13856832
18	$\mathcal{O}(1; \{2^6, 3, 9, 18^4\})$	524880
18	$\mathcal{O}(1; \{2^2, 3^4, 9, 18^4\})$	4199040
18	$\mathcal{O}(1; \{2^3, 3^2, 6, 9, 18^4\})$	2099520
18	$\mathcal{O}(1; \{2^4, 6^2, 9, 18^4\})$	1049760
18	$\mathcal{O}(1; \{3^3, 6^2, 9, 18^4\})$	8398080
18	$\mathcal{O}(1; \{2, 3, 6^3, 9, 18^4\})$	4199040
18	$\mathcal{O}(1; \{2^2, 9^4, 18^4\})$	60938568
18	$\mathcal{O}(1; \{2, 3^2, 9^2, 18^5\})$	39680928
18	$\mathcal{O}(1; \{2^2, 6, 9^2, 18^5\})$	19840464
18	$\mathcal{O}(1; \{2^4, 3, 18^6\})$	3464208
18	$\mathcal{O}(1; \{3^4, 18^6\})$	27713664
18	$\mathcal{O}(1; \{2, 3^2, 6, 18^6\})$	13856832
18	$\mathcal{O}(1; \{2^2, 6^2, 18^6\})$	6928416
18	$\mathcal{O}(1; \{9^3, 18^6\})$	361379880
18	$\mathcal{O}(1; \{6, 9, 18^7\})$	121877136
18	$\mathcal{O}(0; \{2^{14}, 3, 9^3\})$	36
18	$\mathcal{O}(0; \{2^{10}, 3^4, 9^3\})$	288
18	$\mathcal{O}(0; \{2^6, 3^7, 9^3\})$	2304
18	$\mathcal{O}(0; \{2^2, 3^{10}, 9^3\})$	18432
18	$\mathcal{O}(0; \{2^{11}, 3^2, 6, 9^3\})$	144
18	$\mathcal{O}(0; \{2^7, 3^5, 6, 9^3\})$	1152
18	$\mathcal{O}(0; \{2^3, 3^8, 6, 9^3\})$	9216
18	$\mathcal{O}(0; \{2^{12}, 6^2, 9^3\})$	72
18	$\mathcal{O}(0; \{2^8, 3^3, 6^2, 9^3\})$	576
18	$\mathcal{O}(0; \{2^4, 3^6, 6^2, 9^3\})$	4608
18	$\mathcal{O}(0; \{3^9, 6^2, 9^3\})$	36864
18	$\mathcal{O}(0; \{2^9, 3, 6^3, 9^3\})$	288
18	$\mathcal{O}(0; \{2^5, 3^4, 6^3, 9^3\})$	2304
18	$\mathcal{O}(0; \{2, 3^7, 6^3, 9^3\})$	18432
18	$\mathcal{O}(0; \{2^6, 3^2, 6^4, 9^3\})$	1152
18	$\mathcal{O}(0; \{2^2, 3^5, 6^4, 9^3\})$	9216
18	$\mathcal{O}(0; \{2^7, 6^5, 9^3\})$	576
18	$\mathcal{O}(0; \{2^3, 3^3, 6^5, 9^3\})$	4608
18	$\mathcal{O}(0; \{2^4, 3, 6^6, 9^3\})$	2304
18	$\mathcal{O}(0; \{3^4, 6^6, 9^3\})$	18432
18	$\mathcal{O}(0; \{2, 3^2, 6^7, 9^3\})$	9216
18	$\mathcal{O}(0; \{2^2, 6^8, 9^3\})$	4608

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^{10}, 9^6\})$	5346
18	$\mathcal{O}(0; \{2^6, 3^3, 9^6\})$	42768
18	$\mathcal{O}(0; \{2^2, 3^6, 9^6\})$	342144
18	$\mathcal{O}(0; \{2^7, 3, 6, 9^6\})$	21384
18	$\mathcal{O}(0; \{2^3, 3^4, 6, 9^6\})$	171072
18	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 9^6\})$	85536
18	$\mathcal{O}(0; \{3^5, 6^2, 9^6\})$	684288
18	$\mathcal{O}(0; \{2^5, 6^3, 9^6\})$	42768
18	$\mathcal{O}(0; \{2, 3^3, 6^3, 9^6\})$	342144
18	$\mathcal{O}(0; \{2^2, 3, 6^4, 9^6\})$	171072
18	$\mathcal{O}(0; \{6^6, 9^6\})$	342144
18	$\mathcal{O}(0; \{2^2, 3^2, 9^9\})$	4461480
18	$\mathcal{O}(0; \{2^3, 6, 9^9\})$	2230740
18	$\mathcal{O}(0; \{3, 6^2, 9^9\})$	8922960
18	$\mathcal{O}(0; \{2^{17}, 9, 18\})$	6
18	$\mathcal{O}(0; \{2^{13}, 3^3, 9, 18\})$	48
18	$\mathcal{O}(0; \{2^9, 3^6, 9, 18\})$	384
18	$\mathcal{O}(0; \{2^5, 3^9, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2, 3^{12}, 9, 18\})$	24576
18	$\mathcal{O}(0; \{2^{14}, 3, 6, 9, 18\})$	24
18	$\mathcal{O}(0; \{2^{10}, 3^4, 6, 9, 18\})$	192
18	$\mathcal{O}(0; \{2^6, 3^7, 6, 9, 18\})$	1536
18	$\mathcal{O}(0; \{2^2, 3^{10}, 6, 9, 18\})$	12288
18	$\mathcal{O}(0; \{2^{11}, 3^2, 6^2, 9, 18\})$	96
18	$\mathcal{O}(0; \{2^7, 3^5, 6^2, 9, 18\})$	768
18	$\mathcal{O}(0; \{2^3, 3^8, 6^2, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^{12}, 6^3, 9, 18\})$	48
18	$\mathcal{O}(0; \{2^8, 3^3, 6^3, 9, 18\})$	384
18	$\mathcal{O}(0; \{2^4, 3^6, 6^3, 9, 18\})$	3072
18	$\mathcal{O}(0; \{3^9, 6^3, 9, 18\})$	24576
18	$\mathcal{O}(0; \{2^9, 3, 6^4, 9, 18\})$	192
18	$\mathcal{O}(0; \{2^5, 3^4, 6^4, 9, 18\})$	1536
18	$\mathcal{O}(0; \{2, 3^7, 6^4, 9, 18\})$	12288
18	$\mathcal{O}(0; \{2^6, 3^2, 6^5, 9, 18\})$	768
18	$\mathcal{O}(0; \{2^2, 3^5, 6^5, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^7, 6^6, 9, 18\})$	384
18	$\mathcal{O}(0; \{2^3, 3^3, 6^6, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2^4, 3, 6^7, 9, 18\})$	1536
18	$\mathcal{O}(0; \{3^4, 6^7, 9, 18\})$	12288
18	$\mathcal{O}(0; \{2, 3^2, 6^8, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^2, 6^9, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2^9, 3^2, 9^4, 18\})$	3240
18	$\mathcal{O}(0; \{2^5, 3^5, 9^4, 18\})$	25920

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2, 3^8, 9^4, 18\})$	207360
18	$\mathcal{O}(0; \{2^{10}, 6, 9^4, 18\})$	1620
18	$\mathcal{O}(0; \{2^6, 3^3, 6, 9^4, 18\})$	12960
18	$\mathcal{O}(0; \{2^2, 3^6, 6, 9^4, 18\})$	103680
18	$\mathcal{O}(0; \{2^7, 3, 6^2, 9^4, 18\})$	6480
18	$\mathcal{O}(0; \{2^3, 3^4, 6^2, 9^4, 18\})$	51840
18	$\mathcal{O}(0; \{2^4, 3^2, 6^3, 9^4, 18\})$	25920
18	$\mathcal{O}(0; \{3^5, 6^3, 9^4, 18\})$	207360
18	$\mathcal{O}(0; \{2^5, 6^4, 9^4, 18\})$	12960
18	$\mathcal{O}(0; \{2, 3^3, 6^4, 9^4, 18\})$	103680
18	$\mathcal{O}(0; \{2^2, 3, 6^5, 9^4, 18\})$	51840
18	$\mathcal{O}(0; \{6^7, 9^4, 18\})$	103680
18	$\mathcal{O}(0; \{2^5, 3, 9^7, 18\})$	376164
18	$\mathcal{O}(0; \{2, 3^4, 9^7, 18\})$	3009312
18	$\mathcal{O}(0; \{2^2, 3^2, 6, 9^7, 18\})$	1504656
18	$\mathcal{O}(0; \{2^3, 6^2, 9^7, 18\})$	752328
18	$\mathcal{O}(0; \{3, 6^3, 9^7, 18\})$	3009312
18	$\mathcal{O}(0; \{2, 9^{10}, 18\})$	40271418
18	$\mathcal{O}(0; \{2^{12}, 3, 9^2, 18^2\})$	324
18	$\mathcal{O}(0; \{2^8, 3^4, 9^2, 18^2\})$	2592
18	$\mathcal{O}(0; \{2^4, 3^7, 9^2, 18^2\})$	20736
18	$\mathcal{O}(0; \{3^{10}, 9^2, 18^2\})$	165888
18	$\mathcal{O}(0; \{2^9, 3^2, 6, 9^2, 18^2\})$	1296
18	$\mathcal{O}(0; \{2^5, 3^5, 6, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{2, 3^8, 6, 9^2, 18^2\})$	82944
18	$\mathcal{O}(0; \{2^{10}, 6^2, 9^2, 18^2\})$	648
18	$\mathcal{O}(0; \{2^6, 3^3, 6^2, 9^2, 18^2\})$	5184
18	$\mathcal{O}(0; \{2^2, 3^6, 6^2, 9^2, 18^2\})$	41472
18	$\mathcal{O}(0; \{2^7, 3, 6^3, 9^2, 18^2\})$	2592
18	$\mathcal{O}(0; \{2^3, 3^4, 6^3, 9^2, 18^2\})$	20736
18	$\mathcal{O}(0; \{2^4, 3^2, 6^4, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{3^5, 6^4, 9^2, 18^2\})$	82944
18	$\mathcal{O}(0; \{2^5, 6^5, 9^2, 18^2\})$	5184
18	$\mathcal{O}(0; \{2, 3^3, 6^5, 9^2, 18^2\})$	41472
18	$\mathcal{O}(0; \{2^2, 3, 6^6, 9^2, 18^2\})$	20736
18	$\mathcal{O}(0; \{6^8, 9^2, 18^2\})$	41472
18	$\mathcal{O}(0; \{2^8, 9^5, 18^2\})$	30618
18	$\mathcal{O}(0; \{2^4, 3^3, 9^5, 18^2\})$	244944
18	$\mathcal{O}(0; \{3^6, 9^5, 18^2\})$	1959552
18	$\mathcal{O}(0; \{2^5, 3, 6, 9^5, 18^2\})$	122472
18	$\mathcal{O}(0; \{2, 3^4, 6, 9^5, 18^2\})$	979776
18	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 9^5, 18^2\})$	489888
18	$\mathcal{O}(0; \{2^3, 6^3, 9^5, 18^2\})$	244944

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{3, 6^4, 9^5, 18^2\})$	979776
18	$\mathcal{O}(0; \{3^2, 9^8, 18^2\})$	26926344
18	$\mathcal{O}(0; \{2, 6, 9^8, 18^2\})$	13463172
18	$\mathcal{O}(0; \{2^{15}, 18^3\})$	18
18	$\mathcal{O}(0; \{2^{11}, 3^3, 18^3\})$	144
18	$\mathcal{O}(0; \{2^7, 3^6, 18^3\})$	1152
18	$\mathcal{O}(0; \{2^3, 3^9, 18^3\})$	9216
18	$\mathcal{O}(0; \{2^{12}, 3, 6, 18^3\})$	72
18	$\mathcal{O}(0; \{2^8, 3^4, 6, 18^3\})$	576
18	$\mathcal{O}(0; \{2^4, 3^7, 6, 18^3\})$	4608
18	$\mathcal{O}(0; \{3^{10}, 6, 18^3\})$	36864
18	$\mathcal{O}(0; \{2^9, 3^2, 6^2, 18^3\})$	288
18	$\mathcal{O}(0; \{2^5, 3^5, 6^2, 18^3\})$	2304
18	$\mathcal{O}(0; \{2, 3^8, 6^2, 18^3\})$	18432
18	$\mathcal{O}(0; \{2^{10}, 6^3, 18^3\})$	144
18	$\mathcal{O}(0; \{2^6, 3^3, 6^3, 18^3\})$	1152
18	$\mathcal{O}(0; \{2^2, 3^6, 6^3, 18^3\})$	9216
18	$\mathcal{O}(0; \{2^7, 3, 6^4, 18^3\})$	576
18	$\mathcal{O}(0; \{2^3, 3^4, 6^4, 18^3\})$	4608
18	$\mathcal{O}(0; \{2^4, 3^2, 6^5, 18^3\})$	2304
18	$\mathcal{O}(0; \{3^5, 6^5, 18^3\})$	18432
18	$\mathcal{O}(0; \{2^5, 6^6, 18^3\})$	1152
18	$\mathcal{O}(0; \{2, 3^3, 6^6, 18^3\})$	9216
18	$\mathcal{O}(0; \{2^2, 3, 6^7, 18^3\})$	4608
18	$\mathcal{O}(0; \{6^9, 18^3\})$	9216
18	$\mathcal{O}(0; \{2^7, 3^2, 9^3, 18^3\})$	21384
18	$\mathcal{O}(0; \{2^3, 3^5, 9^3, 18^3\})$	171072
18	$\mathcal{O}(0; \{2^8, 6, 9^3, 18^3\})$	10692
18	$\mathcal{O}(0; \{2^4, 3^3, 6, 9^3, 18^3\})$	85536
18	$\mathcal{O}(0; \{3^6, 6, 9^3, 18^3\})$	684288
18	$\mathcal{O}(0; \{2^5, 3, 6^2, 9^3, 18^3\})$	42768
18	$\mathcal{O}(0; \{2, 3^4, 6^2, 9^3, 18^3\})$	342144
18	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 9^3, 18^3\})$	171072
18	$\mathcal{O}(0; \{2^3, 6^4, 9^3, 18^3\})$	85536
18	$\mathcal{O}(0; \{3, 6^5, 9^3, 18^3\})$	342144
18	$\mathcal{O}(0; \{2^3, 3, 9^6, 18^3\})$	2230740
18	$\mathcal{O}(0; \{3^2, 6, 9^6, 18^3\})$	8922960
18	$\mathcal{O}(0; \{2, 6^2, 9^6, 18^3\})$	4461480
18	$\mathcal{O}(0; \{2^{10}, 3, 9, 18^4\})$	1620
18	$\mathcal{O}(0; \{2^6, 3^4, 9, 18^4\})$	12960
18	$\mathcal{O}(0; \{2^2, 3^7, 9, 18^4\})$	103680
18	$\mathcal{O}(0; \{2^7, 3^2, 6, 9, 18^4\})$	6480
18	$\mathcal{O}(0; \{2^3, 3^5, 6, 9, 18^4\})$	51840

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^8, 6^2, 9, 18^4\})$	3240
18	$\mathcal{O}(0; \{2^4, 3^3, 6^2, 9, 18^4\})$	25920
18	$\mathcal{O}(0; \{3^6, 6^2, 9, 18^4\})$	207360
18	$\mathcal{O}(0; \{2^5, 3, 6^3, 9, 18^4\})$	12960
18	$\mathcal{O}(0; \{2, 3^4, 6^3, 9, 18^4\})$	103680
18	$\mathcal{O}(0; \{2^2, 3^2, 6^4, 9, 18^4\})$	51840
18	$\mathcal{O}(0; \{2^3, 6^5, 9, 18^4\})$	25920
18	$\mathcal{O}(0; \{3, 6^6, 9, 18^4\})$	103680
18	$\mathcal{O}(0; \{2^6, 9^4, 18^4\})$	188082
18	$\mathcal{O}(0; \{2^2, 3^3, 9^4, 18^4\})$	1504656
18	$\mathcal{O}(0; \{2^3, 3, 6, 9^4, 18^4\})$	752328
18	$\mathcal{O}(0; \{3^2, 6^2, 9^4, 18^4\})$	3009312
18	$\mathcal{O}(0; \{2, 6^3, 9^4, 18^4\})$	1504656
18	$\mathcal{O}(0; \{2^5, 3^2, 9^2, 18^5\})$	122472
18	$\mathcal{O}(0; \{2, 3^5, 9^2, 18^5\})$	979776
18	$\mathcal{O}(0; \{2^6, 6, 9^2, 18^5\})$	61236
18	$\mathcal{O}(0; \{2^2, 3^3, 6, 9^2, 18^5\})$	489888
18	$\mathcal{O}(0; \{2^3, 3, 6^2, 9^2, 18^5\})$	244944
18	$\mathcal{O}(0; \{3^2, 6^3, 9^2, 18^5\})$	979776
18	$\mathcal{O}(0; \{2, 6^4, 9^2, 18^5\})$	489888
18	$\mathcal{O}(0; \{2, 3, 9^5, 18^5\})$	13463172
18	$\mathcal{O}(0; \{2^8, 3, 18^6\})$	10692
18	$\mathcal{O}(0; \{2^4, 3^4, 18^6\})$	85536
18	$\mathcal{O}(0; \{3^7, 18^6\})$	684288
18	$\mathcal{O}(0; \{2^5, 3^2, 6, 18^6\})$	42768
18	$\mathcal{O}(0; \{2, 3^5, 6, 18^6\})$	342144
18	$\mathcal{O}(0; \{2^6, 6^2, 18^6\})$	21384
18	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 18^6\})$	171072
18	$\mathcal{O}(0; \{2^3, 3, 6^3, 18^6\})$	85536
18	$\mathcal{O}(0; \{3^2, 6^4, 18^6\})$	342144
18	$\mathcal{O}(0; \{2, 6^5, 18^6\})$	171072
18	$\mathcal{O}(0; \{2^4, 9^3, 18^6\})$	1115370
18	$\mathcal{O}(0; \{3^3, 9^3, 18^6\})$	8922960
18	$\mathcal{O}(0; \{2, 3, 6, 9^3, 18^6\})$	4461480
18	$\mathcal{O}(0; \{2^3, 3^2, 9, 18^7\})$	752328
18	$\mathcal{O}(0; \{2^4, 6, 9, 18^7\})$	376164
18	$\mathcal{O}(0; \{3^3, 6, 9, 18^7\})$	3009312
18	$\mathcal{O}(0; \{2, 3, 6^2, 9, 18^7\})$	1504656
18	$\mathcal{O}(0; \{2^2, 9^2, 18^8\})$	6731586
18	$\mathcal{O}(0; \{2, 3^2, 18^9\})$	4461480
18	$\mathcal{O}(0; \{2^2, 6, 18^9\})$	2230740
18	$\mathcal{O}(0; \{9, 18^{10}\})$	40271418
19	$\mathcal{O}(4; \{19^2\})$	305704134738

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(4; \{4^2\})$	51199868928
20	$\mathcal{O}(3; \{2^4, 4^2\})$	127991808
20	$\mathcal{O}(3; \{2, 4^4\})$	511967232
20	$\mathcal{O}(3; \{2^2, 4, 5, 20\})$	512000000
20	$\mathcal{O}(3; \{4, 10^2, 20\})$	1536000000
20	$\mathcal{O}(3; \{5^2, 20^2\})$	6656000000
20	$\mathcal{O}(2; \{2^8, 4^2\})$	319488
20	$\mathcal{O}(2; \{2^5, 4^4\})$	1277952
20	$\mathcal{O}(2; \{2^2, 4^6\})$	5111808
20	$\mathcal{O}(2; \{4^2, 5^5\})$	65280000
20	$\mathcal{O}(2; \{2^3, 4^2, 5^2, 10\})$	3840000
20	$\mathcal{O}(2; \{4^4, 5^2, 10\})$	15360000
20	$\mathcal{O}(2; \{2, 4^2, 5, 10^3\})$	16640000
20	$\mathcal{O}(2; \{2^6, 4, 5, 20\})$	1280000
20	$\mathcal{O}(2; \{2^3, 4^3, 5, 20\})$	5120000
20	$\mathcal{O}(2; \{4^5, 5, 20\})$	20480000
20	$\mathcal{O}(2; \{2, 4, 5^3, 10, 20\})$	65280000
20	$\mathcal{O}(2; \{2^4, 4, 10^2, 20\})$	3840000
20	$\mathcal{O}(2; \{2, 4^3, 10^2, 20\})$	15360000
20	$\mathcal{O}(2; \{2^4, 5^2, 20^2\})$	16640000
20	$\mathcal{O}(2; \{2, 4^2, 5^2, 20^2\})$	66560000
20	$\mathcal{O}(2; \{2^2, 5, 10^2, 20^2\})$	65280000
20	$\mathcal{O}(2; \{10^4, 20^2\})$	262400000
20	$\mathcal{O}(2; \{2^2, 4, 10, 20^3\})$	66560000
20	$\mathcal{O}(2; \{5, 10, 20^4\})$	1049600000
20	$\mathcal{O}(2; \{4, 20^5\})$	1044480000
20	$\mathcal{O}(1; \{2^{12}, 4^2\})$	768
20	$\mathcal{O}(1; \{2^9, 4^4\})$	3072
20	$\mathcal{O}(1; \{2^6, 4^6\})$	12288
20	$\mathcal{O}(1; \{2^3, 4^8\})$	49152
20	$\mathcal{O}(1; \{4^{10}\})$	196608
20	$\mathcal{O}(1; \{2^4, 4^2, 5^5\})$	163200
20	$\mathcal{O}(1; \{2, 4^4, 5^5\})$	652800
20	$\mathcal{O}(1; \{2^7, 4^2, 5^2, 10\})$	9600
20	$\mathcal{O}(1; \{2^4, 4^4, 5^2, 10\})$	38400
20	$\mathcal{O}(1; \{2, 4^6, 5^2, 10\})$	153600
20	$\mathcal{O}(1; \{2^2, 4^2, 5^4, 10^2\})$	656000
20	$\mathcal{O}(1; \{2^5, 4^2, 5, 10^3\})$	41600
20	$\mathcal{O}(1; \{2^2, 4^4, 5, 10^3\})$	166400
20	$\mathcal{O}(1; \{4^2, 5^3, 10^4\})$	2620800
20	$\mathcal{O}(1; \{2^3, 4^2, 10^5\})$	163200
20	$\mathcal{O}(1; \{4^4, 10^5\})$	652800
20	$\mathcal{O}(1; \{2^{10}, 4, 5, 20\})$	3200

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{2^7, 4^3, 5, 20\})$	12800
20	$\mathcal{O}(1; \{2^4, 4^5, 5, 20\})$	51200
20	$\mathcal{O}(1; \{2, 4^7, 5, 20\})$	204800
20	$\mathcal{O}(1; \{2^2, 4, 5^6, 20\})$	2620800
20	$\mathcal{O}(1; \{2^5, 4, 5^3, 10, 20\})$	163200
20	$\mathcal{O}(1; \{2^2, 4^3, 5^3, 10, 20\})$	652800
20	$\mathcal{O}(1; \{2^8, 4, 10^2, 20\})$	9600
20	$\mathcal{O}(1; \{2^5, 4^3, 10^2, 20\})$	38400
20	$\mathcal{O}(1; \{2^2, 4^5, 10^2, 20\})$	153600
20	$\mathcal{O}(1; \{4, 5^5, 10^2, 20\})$	10486400
20	$\mathcal{O}(1; \{2^3, 4, 5^2, 10^3, 20\})$	656000
20	$\mathcal{O}(1; \{4^3, 5^2, 10^3, 20\})$	2624000
20	$\mathcal{O}(1; \{2, 4, 5, 10^5, 20\})$	2620800
20	$\mathcal{O}(1; \{2^8, 5^2, 20^2\})$	41600
20	$\mathcal{O}(1; \{2^5, 4^2, 5^2, 20^2\})$	166400
20	$\mathcal{O}(1; \{2^2, 4^4, 5^2, 20^2\})$	665600
20	$\mathcal{O}(1; \{5^7, 20^2\})$	41942400
20	$\mathcal{O}(1; \{2^3, 5^4, 10, 20^2\})$	2620800
20	$\mathcal{O}(1; \{4^2, 5^4, 10, 20^2\})$	10483200
20	$\mathcal{O}(1; \{2^6, 5, 10^2, 20^2\})$	163200
20	$\mathcal{O}(1; \{2^3, 4^2, 5, 10^2, 20^2\})$	652800
20	$\mathcal{O}(1; \{4^4, 5, 10^2, 20^2\})$	2611200
20	$\mathcal{O}(1; \{2, 5^3, 10^3, 20^2\})$	10486400
20	$\mathcal{O}(1; \{2^4, 10^4, 20^2\})$	656000
20	$\mathcal{O}(1; \{2, 4^2, 10^4, 20^2\})$	2624000
20	$\mathcal{O}(1; \{2^3, 4, 5^3, 20^3\})$	2624000
20	$\mathcal{O}(1; \{4^3, 5^3, 20^3\})$	10496000
20	$\mathcal{O}(1; \{2^6, 4, 10, 20^3\})$	166400
20	$\mathcal{O}(1; \{2^3, 4^3, 10, 20^3\})$	665600
20	$\mathcal{O}(1; \{4^5, 10, 20^3\})$	2662400
20	$\mathcal{O}(1; \{2, 4, 5^2, 10^2, 20^3\})$	10483200
20	$\mathcal{O}(1; \{2, 5^4, 20^4\})$	41945600
20	$\mathcal{O}(1; \{2^4, 5, 10, 20^4\})$	2624000
20	$\mathcal{O}(1; \{2, 4^2, 5, 10, 20^4\})$	10496000
20	$\mathcal{O}(1; \{2^2, 10^3, 20^4\})$	10483200
20	$\mathcal{O}(1; \{2^4, 4, 20^5\})$	2611200
20	$\mathcal{O}(1; \{2, 4^3, 20^5\})$	10444800
20	$\mathcal{O}(1; \{2^2, 5, 20^6\})$	41932800
20	$\mathcal{O}(1; \{10^2, 20^6\})$	167782400
20	$\mathcal{O}(0; \{2^8, 4^2, 5^5\})$	408
20	$\mathcal{O}(0; \{2^5, 4^4, 5^5\})$	1632
20	$\mathcal{O}(0; \{2^2, 4^6, 5^5\})$	6528
20	$\mathcal{O}(0; \{4^2, 5^{10}\})$	419432

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^{11}, 4^2, 5^2, 10\})$	24
20	$\mathcal{O}(0; \{2^8, 4^4, 5^2, 10\})$	96
20	$\mathcal{O}(0; \{2^5, 4^6, 5^2, 10\})$	384
20	$\mathcal{O}(0; \{2^2, 4^8, 5^2, 10\})$	1536
20	$\mathcal{O}(0; \{2^3, 4^2, 5^7, 10\})$	26216
20	$\mathcal{O}(0; \{4^4, 5^7, 10\})$	104864
20	$\mathcal{O}(0; \{2^6, 4^2, 5^4, 10^2\})$	1640
20	$\mathcal{O}(0; \{2^3, 4^4, 5^4, 10^2\})$	6560
20	$\mathcal{O}(0; \{4^6, 5^4, 10^2\})$	26240
20	$\mathcal{O}(0; \{2^9, 4^2, 5, 10^3\})$	104
20	$\mathcal{O}(0; \{2^6, 4^4, 5, 10^3\})$	416
20	$\mathcal{O}(0; \{2^3, 4^6, 5, 10^3\})$	1664
20	$\mathcal{O}(0; \{4^8, 5, 10^3\})$	6656
20	$\mathcal{O}(0; \{2, 4^2, 5^6, 10^3\})$	104856
20	$\mathcal{O}(0; \{2^4, 4^2, 5^3, 10^4\})$	6552
20	$\mathcal{O}(0; \{2, 4^4, 5^3, 10^4\})$	26208
20	$\mathcal{O}(0; \{2^7, 4^2, 10^5\})$	408
20	$\mathcal{O}(0; \{2^4, 4^4, 10^5\})$	1632
20	$\mathcal{O}(0; \{2, 4^6, 10^5\})$	6528
20	$\mathcal{O}(0; \{2^2, 4^2, 5^2, 10^6\})$	26216
20	$\mathcal{O}(0; \{4^2, 5, 10^8\})$	104856
20	$\mathcal{O}(0; \{2^{14}, 4, 5, 20\})$	8
20	$\mathcal{O}(0; \{2^{11}, 4^3, 5, 20\})$	32
20	$\mathcal{O}(0; \{2^8, 4^5, 5, 20\})$	128
20	$\mathcal{O}(0; \{2^5, 4^7, 5, 20\})$	512
20	$\mathcal{O}(0; \{2^2, 4^9, 5, 20\})$	2048
20	$\mathcal{O}(0; \{2^6, 4, 5^6, 20\})$	6552
20	$\mathcal{O}(0; \{2^3, 4^3, 5^6, 20\})$	26208
20	$\mathcal{O}(0; \{4^5, 5^6, 20\})$	104832
20	$\mathcal{O}(0; \{2^9, 4, 5^3, 10, 20\})$	408
20	$\mathcal{O}(0; \{2^6, 4^3, 5^3, 10, 20\})$	1632
20	$\mathcal{O}(0; \{2^3, 4^5, 5^3, 10, 20\})$	6528
20	$\mathcal{O}(0; \{4^7, 5^3, 10, 20\})$	26112
20	$\mathcal{O}(0; \{2, 4, 5^8, 10, 20\})$	419432
20	$\mathcal{O}(0; \{2^{12}, 4, 10^2, 20\})$	24
20	$\mathcal{O}(0; \{2^9, 4^3, 10^2, 20\})$	96
20	$\mathcal{O}(0; \{2^6, 4^5, 10^2, 20\})$	384
20	$\mathcal{O}(0; \{2^3, 4^7, 10^2, 20\})$	1536
20	$\mathcal{O}(0; \{4^9, 10^2, 20\})$	6144
20	$\mathcal{O}(0; \{2^4, 4, 5^5, 10^2, 20\})$	26216
20	$\mathcal{O}(0; \{2, 4^3, 5^5, 10^2, 20\})$	104864
20	$\mathcal{O}(0; \{2^7, 4, 5^2, 10^3, 20\})$	1640
20	$\mathcal{O}(0; \{2^4, 4^3, 5^2, 10^3, 20\})$	6560

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Table 6 – continued from previous page

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

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{4^3, 5, 10^4, 20^3\})$	419456
20	$\mathcal{O}(0; \{2, 4, 10^6, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^5, 5^4, 20^4\})$	104864
20	$\mathcal{O}(0; \{2^2, 4^2, 5^4, 20^4\})$	419456
20	$\mathcal{O}(0; \{2^8, 5, 10, 20^4\})$	6560
20	$\mathcal{O}(0; \{2^5, 4^2, 5, 10, 20^4\})$	26240
20	$\mathcal{O}(0; \{2^2, 4^4, 5, 10, 20^4\})$	104960
20	$\mathcal{O}(0; \{5^6, 10, 20^4\})$	6710880
20	$\mathcal{O}(0; \{2^3, 5^3, 10^2, 20^4\})$	419424
20	$\mathcal{O}(0; \{4^2, 5^3, 10^2, 20^4\})$	1677696
20	$\mathcal{O}(0; \{2^6, 10^3, 20^4\})$	26208
20	$\mathcal{O}(0; \{2^3, 4^2, 10^3, 20^4\})$	104832
20	$\mathcal{O}(0; \{4^4, 10^3, 20^4\})$	419328
20	$\mathcal{O}(0; \{2, 5^2, 10^4, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^8, 4, 20^5\})$	6528
20	$\mathcal{O}(0; \{2^5, 4^3, 20^5\})$	26112
20	$\mathcal{O}(0; \{2^2, 4^5, 20^5\})$	104448
20	$\mathcal{O}(0; \{4, 5^5, 20^5\})$	6710912
20	$\mathcal{O}(0; \{2^3, 4, 5^2, 10, 20^5\})$	419456
20	$\mathcal{O}(0; \{4^3, 5^2, 10, 20^5\})$	1677824
20	$\mathcal{O}(0; \{2, 4, 5, 10^3, 20^5\})$	1677696
20	$\mathcal{O}(0; \{2^6, 5, 20^6\})$	104832
20	$\mathcal{O}(0; \{2^3, 4^2, 5, 20^6\})$	419328
20	$\mathcal{O}(0; \{4^4, 5, 20^6\})$	1677312
20	$\mathcal{O}(0; \{2, 5^3, 10, 20^6\})$	6710912
20	$\mathcal{O}(0; \{2^4, 10^2, 20^6\})$	419456
20	$\mathcal{O}(0; \{2, 4^2, 10^2, 20^6\})$	1677824
20	$\mathcal{O}(0; \{2, 4, 5^2, 20^7\})$	6710784
20	$\mathcal{O}(0; \{2^2, 10, 20^8\})$	6710784
20	$\mathcal{O}(0; \{20^{10}\})$	107374592
21	$\mathcal{O}(3; \{3^2, 7, 21\})$	1029193452
21	$\mathcal{O}(2; \{7^6\})$	1280405280
21	$\mathcal{O}(2; \{3^5, 7, 21\})$	25671492
21	$\mathcal{O}(2; \{3, 7^3, 21^2\})$	431747820
21	$\mathcal{O}(2; \{3^2, 21^4\})$	795816252
21	$\mathcal{O}(1; \{3^3, 7^6\})$	5879412
21	$\mathcal{O}(1; \{3^8, 7, 21\})$	449820
21	$\mathcal{O}(1; \{3^4, 7^3, 21^2\})$	10769220
21	$\mathcal{O}(1; \{7^5, 21^3\})$	211632372
21	$\mathcal{O}(1; \{3^5, 21^4\})$	13944420
21	$\mathcal{O}(1; \{3, 7^2, 21^5\})$	387982980
21	$\mathcal{O}(0; \{3^6, 7^6\})$	146652
21	$\mathcal{O}(0; \{3^{11}, 7, 21\})$	8196

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
21	$\mathcal{O}(0; \{3^2, 7^8, 21\})$	2879340
21	$\mathcal{O}(0; \{3^7, 7^3, 21^2\})$	188700
21	$\mathcal{O}(0; \{3^3, 7^5, 21^3\})$	5278812
21	$\mathcal{O}(0; \{3^8, 21^4\})$	254076
21	$\mathcal{O}(0; \{3^4, 7^2, 21^5\})$	6798300
21	$\mathcal{O}(0; \{7^4, 21^6\})$	190036572
21	$\mathcal{O}(0; \{3, 7, 21^8\})$	244743900
22	$\mathcal{O}(3; \{2^2, 11^2\})$	1133799040
22	$\mathcal{O}(3; \{11, 22^2\})$	10204191360
22	$\mathcal{O}(2; \{2^6, 11^2\})$	2342560
22	$\mathcal{O}(2; \{2^4, 11, 22^2\})$	21083040
22	$\mathcal{O}(2; \{2^2, 22^4\})$	213172960
22	$\mathcal{O}(1; \{2^{10}, 11^2\})$	4840
22	$\mathcal{O}(1; \{2^8, 11, 22^2\})$	43560
22	$\mathcal{O}(1; \{2^6, 22^4\})$	440440
22	$\mathcal{O}(0; \{2^{14}, 11^2\})$	10
22	$\mathcal{O}(0; \{2^3, 11^7, 22\})$	9090910
22	$\mathcal{O}(0; \{2^{12}, 11, 22^2\})$	90
22	$\mathcal{O}(0; \{2, 11^6, 22^3\})$	90909090
22	$\mathcal{O}(0; \{2^{10}, 22^4\})$	910
24	$\mathcal{O}(3; \{2, 8^2\})$	763363328
24	$\mathcal{O}(2; \{2^5, 8^2\})$	1310720
24	$\mathcal{O}(2; \{2, 3^3, 8^2\})$	2654208
24	$\mathcal{O}(2; \{2^2, 4^2, 8^2\})$	5242880
24	$\mathcal{O}(2; \{2^2, 3, 6, 8^2\})$	2654208
24	$\mathcal{O}(2; \{6^3, 8^2\})$	2654208
24	$\mathcal{O}(2; \{4, 8^4\})$	41943040
24	$\mathcal{O}(2; \{4, 6, 8^2, 12\})$	10616832
24	$\mathcal{O}(2; \{3, 8^2, 12^2\})$	10616832
24	$\mathcal{O}(2; \{2^2, 3, 4, 8, 24\})$	5308416
24	$\mathcal{O}(2; \{4, 6^2, 8, 24\})$	5308416
24	$\mathcal{O}(2; \{3, 8^3, 24\})$	42467328
24	$\mathcal{O}(2; \{2^3, 8, 12, 24\})$	5308416
24	$\mathcal{O}(2; \{4^2, 8, 12, 24\})$	21233664
24	$\mathcal{O}(2; \{3, 6, 8, 12, 24\})$	15925248
24	$\mathcal{O}(2; \{2^2, 3^2, 24^2\})$	7962624
24	$\mathcal{O}(2; \{2^3, 6, 24^2\})$	2654208
24	$\mathcal{O}(2; \{4^2, 6, 24^2\})$	10616832
24	$\mathcal{O}(2; \{3, 6^2, 24^2\})$	13271040
24	$\mathcal{O}(2; \{3, 4, 12, 24^2\})$	31850496
24	$\mathcal{O}(2; \{2, 12^2, 24^2\})$	31850496
24	$\mathcal{O}(2; \{2, 8, 24^3\})$	42467328
24	$\mathcal{O}(1; \{2^9, 8^2\})$	2048

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^5, 3^3, 8^2\})$	4608
24	$\mathcal{O}(1; \{2, 3^6, 8^2\})$	50688
24	$\mathcal{O}(1; \{2^6, 4^2, 8^2\})$	8192
24	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 8^2\})$	18432
24	$\mathcal{O}(1; \{2^3, 4^4, 8^2\})$	32768
24	$\mathcal{O}(1; \{4^6, 8^2\})$	131072
24	$\mathcal{O}(1; \{2^6, 3, 6, 8^2\})$	4608
24	$\mathcal{O}(1; \{2^2, 3^4, 6, 8^2\})$	23040
24	$\mathcal{O}(1; \{2^3, 3, 4^2, 6, 8^2\})$	18432
24	$\mathcal{O}(1; \{3, 4^4, 6, 8^2\})$	73728
24	$\mathcal{O}(1; \{2^3, 3^2, 6^2, 8^2\})$	13824
24	$\mathcal{O}(1; \{3^2, 4^2, 6^2, 8^2\})$	55296
24	$\mathcal{O}(1; \{2^4, 6^3, 8^2\})$	4608
24	$\mathcal{O}(1; \{3^3, 6^3, 8^2\})$	50688
24	$\mathcal{O}(1; \{2, 4^2, 6^3, 8^2\})$	18432
24	$\mathcal{O}(1; \{2, 3, 6^4, 8^2\})$	23040
24	$\mathcal{O}(1; \{2^4, 4, 8^4\})$	65536
24	$\mathcal{O}(1; \{3^3, 4, 8^4\})$	147456
24	$\mathcal{O}(1; \{2, 4^3, 8^4\})$	262144
24	$\mathcal{O}(1; \{2, 3, 4, 6, 8^4\})$	147456
24	$\mathcal{O}(1; \{2^2, 8^6\})$	524288
24	$\mathcal{O}(1; \{2^3, 3^2, 4, 8^2, 12\})$	18432
24	$\mathcal{O}(1; \{3^2, 4^3, 8^2, 12\})$	73728
24	$\mathcal{O}(1; \{2^4, 4, 6, 8^2, 12\})$	18432
24	$\mathcal{O}(1; \{3^3, 4, 6, 8^2, 12\})$	92160
24	$\mathcal{O}(1; \{2, 4^3, 6, 8^2, 12\})$	73728
24	$\mathcal{O}(1; \{2, 3, 4, 6^2, 8^2, 12\})$	55296
24	$\mathcal{O}(1; \{2, 3^2, 8^4, 12\})$	147456
24	$\mathcal{O}(1; \{2^2, 6, 8^4, 12\})$	147456
24	$\mathcal{O}(1; \{2^4, 3, 8^2, 12^2\})$	18432
24	$\mathcal{O}(1; \{3^4, 8^2, 12^2\})$	202752
24	$\mathcal{O}(1; \{2, 3, 4^2, 8^2, 12^2\})$	73728
24	$\mathcal{O}(1; \{2, 3^2, 6, 8^2, 12^2\})$	92160
24	$\mathcal{O}(1; \{2^2, 6^2, 8^2, 12^2\})$	55296
24	$\mathcal{O}(1; \{2^2, 4, 8^2, 12^3\})$	73728
24	$\mathcal{O}(1; \{8^4, 12^3\})$	589824
24	$\mathcal{O}(1; \{6, 8^2, 12^4\})$	368640
24	$\mathcal{O}(1; \{2^6, 3, 4, 8, 24\})$	9216
24	$\mathcal{O}(1; \{2^2, 3^4, 4, 8, 24\})$	46080
24	$\mathcal{O}(1; \{2^3, 3, 4^3, 8, 24\})$	36864
24	$\mathcal{O}(1; \{3, 4^5, 8, 24\})$	147456
24	$\mathcal{O}(1; \{2^3, 3^2, 4, 6, 8, 24\})$	27648
24	$\mathcal{O}(1; \{3^2, 4^3, 6, 8, 24\})$	110592

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^4, 4, 6^2, 8, 24\})$	9216
24	$\mathcal{O}(1; \{3^3, 4, 6^2, 8, 24\})$	101376
24	$\mathcal{O}(1; \{2, 4^3, 6^2, 8, 24\})$	36864
24	$\mathcal{O}(1; \{2, 3, 4, 6^3, 8, 24\})$	46080
24	$\mathcal{O}(1; \{2^4, 3, 8^3, 24\})$	73728
24	$\mathcal{O}(1; \{3^4, 8^3, 24\})$	368640
24	$\mathcal{O}(1; \{2, 3, 4^2, 8^3, 24\})$	294912
24	$\mathcal{O}(1; \{2, 3^2, 6, 8^3, 24\})$	221184
24	$\mathcal{O}(1; \{2^2, 6^2, 8^3, 24\})$	73728
24	$\mathcal{O}(1; \{2^7, 8, 12, 24\})$	9216
24	$\mathcal{O}(1; \{2^3, 3^3, 8, 12, 24\})$	46080
24	$\mathcal{O}(1; \{2^4, 4^2, 8, 12, 24\})$	36864
24	$\mathcal{O}(1; \{3^3, 4^2, 8, 12, 24\})$	184320
24	$\mathcal{O}(1; \{2, 4^4, 8, 12, 24\})$	147456
24	$\mathcal{O}(1; \{2^4, 3, 6, 8, 12, 24\})$	27648
24	$\mathcal{O}(1; \{3^4, 6, 8, 12, 24\})$	193536
24	$\mathcal{O}(1; \{2, 3, 4^2, 6, 8, 12, 24\})$	110592
24	$\mathcal{O}(1; \{2, 3^2, 6^2, 8, 12, 24\})$	101376
24	$\mathcal{O}(1; \{2^2, 6^3, 8, 12, 24\})$	46080
24	$\mathcal{O}(1; \{2^2, 4, 8^3, 12, 24\})$	294912
24	$\mathcal{O}(1; \{8^5, 12, 24\})$	2359296
24	$\mathcal{O}(1; \{2, 3^2, 4, 8, 12^2, 24\})$	184320
24	$\mathcal{O}(1; \{2^2, 4, 6, 8, 12^2, 24\})$	110592
24	$\mathcal{O}(1; \{6, 8^3, 12^2, 24\})$	884736
24	$\mathcal{O}(1; \{2^2, 3, 8, 12^3, 24\})$	184320
24	$\mathcal{O}(1; \{6^2, 8, 12^3, 24\})$	405504
24	$\mathcal{O}(1; \{4, 8, 12^4, 24\})$	737280
24	$\mathcal{O}(1; \{2^6, 3^2, 24^2\})$	13824
24	$\mathcal{O}(1; \{2^2, 3^5, 24^2\})$	96768
24	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 24^2\})$	55296
24	$\mathcal{O}(1; \{3^2, 4^4, 24^2\})$	221184
24	$\mathcal{O}(1; \{2^7, 6, 24^2\})$	4608
24	$\mathcal{O}(1; \{2^3, 3^3, 6, 24^2\})$	50688
24	$\mathcal{O}(1; \{2^4, 4^2, 6, 24^2\})$	18432
24	$\mathcal{O}(1; \{3^3, 4^2, 6, 24^2\})$	202752
24	$\mathcal{O}(1; \{2, 4^4, 6, 24^2\})$	73728
24	$\mathcal{O}(1; \{2^4, 3, 6^2, 24^2\})$	23040
24	$\mathcal{O}(1; \{3^4, 6^2, 24^2\})$	198144
24	$\mathcal{O}(1; \{2, 3, 4^2, 6^2, 24^2\})$	92160
24	$\mathcal{O}(1; \{2, 3^2, 6^3, 24^2\})$	96768
24	$\mathcal{O}(1; \{2^2, 6^4, 24^2\})$	50688
24	$\mathcal{O}(1; \{2, 3^2, 4, 8^2, 24^2\})$	442368
24	$\mathcal{O}(1; \{2^2, 4, 6, 8^2, 24^2\})$	147456

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{6, 8^4, 24^2\})$	1179648
24	$\mathcal{O}(1; \{2^4, 3, 4, 12, 24^2\})$	55296
24	$\mathcal{O}(1; \{3^4, 4, 12, 24^2\})$	387072
24	$\mathcal{O}(1; \{2, 3, 4^3, 12, 24^2\})$	221184
24	$\mathcal{O}(1; \{2, 3^2, 4, 6, 12, 24^2\})$	202752
24	$\mathcal{O}(1; \{2^2, 4, 6^2, 12, 24^2\})$	92160
24	$\mathcal{O}(1; \{2^2, 3, 8^2, 12, 24^2\})$	442368
24	$\mathcal{O}(1; \{6^2, 8^2, 12, 24^2\})$	737280
24	$\mathcal{O}(1; \{2^5, 12^2, 24^2\})$	55296
24	$\mathcal{O}(1; \{2, 3^3, 12^2, 24^2\})$	387072
24	$\mathcal{O}(1; \{2^2, 4^2, 12^2, 24^2\})$	221184
24	$\mathcal{O}(1; \{2^2, 3, 6, 12^2, 24^2\})$	202752
24	$\mathcal{O}(1; \{6^3, 12^2, 24^2\})$	387072
24	$\mathcal{O}(1; \{4, 8^2, 12^2, 24^2\})$	1769472
24	$\mathcal{O}(1; \{4, 6, 12^3, 24^2\})$	811008
24	$\mathcal{O}(1; \{3, 12^4, 24^2\})$	1548288
24	$\mathcal{O}(1; \{2^5, 8, 24^3\})$	73728
24	$\mathcal{O}(1; \{2, 3^3, 8, 24^3\})$	811008
24	$\mathcal{O}(1; \{2^2, 4^2, 8, 24^3\})$	294912
24	$\mathcal{O}(1; \{2^2, 3, 6, 8, 24^3\})$	368640
24	$\mathcal{O}(1; \{6^3, 8, 24^3\})$	811008
24	$\mathcal{O}(1; \{4, 8^3, 24^3\})$	2359296
24	$\mathcal{O}(1; \{4, 6, 8, 12, 24^3\})$	1474560
24	$\mathcal{O}(1; \{3, 8, 12^2, 24^3\})$	3244032
24	$\mathcal{O}(1; \{2^2, 3, 4, 24^4\})$	737280
24	$\mathcal{O}(1; \{4, 6^2, 24^4\})$	1622016
24	$\mathcal{O}(1; \{3, 8^2, 24^4\})$	5898240
24	$\mathcal{O}(1; \{2^3, 12, 24^4\})$	737280
24	$\mathcal{O}(1; \{4^2, 12, 24^4\})$	2949120
24	$\mathcal{O}(1; \{3, 6, 12, 24^4\})$	3096576
24	$\mathcal{O}(1; \{2, 24^6\})$	12976128
24	$\mathcal{O}(0; \{2^9, 3^3, 8^2\})$	8
24	$\mathcal{O}(0; \{2^5, 3^6, 8^2\})$	88
24	$\mathcal{O}(0; \{2, 3^9, 8^2\})$	680
24	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 8^2\})$	32
24	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 8^2\})$	352
24	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 8^2\})$	128
24	$\mathcal{O}(0; \{3^3, 4^6, 8^2\})$	512
24	$\mathcal{O}(0; \{2^{10}, 3, 6, 8^2\})$	8
24	$\mathcal{O}(0; \{2^6, 3^4, 6, 8^2\})$	40
24	$\mathcal{O}(0; \{2^2, 3^7, 6, 8^2\})$	344
24	$\mathcal{O}(0; \{2^7, 3, 4^2, 6, 8^2\})$	32
24	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6, 8^2\})$	160

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 3, 4^4, 6, 8^2\})$	128
24	$\mathcal{O}(0; \{3^4, 4^4, 6, 8^2\})$	640
24	$\mathcal{O}(0; \{2, 3, 4^6, 6, 8^2\})$	512
24	$\mathcal{O}(0; \{2^7, 3^2, 6^2, 8^2\})$	24
24	$\mathcal{O}(0; \{2^3, 3^5, 6^2, 8^2\})$	168
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^2, 8^2\})$	96
24	$\mathcal{O}(0; \{3^5, 4^2, 6^2, 8^2\})$	672
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^2, 8^2\})$	384
24	$\mathcal{O}(0; \{2^8, 6^3, 8^2\})$	8
24	$\mathcal{O}(0; \{2^4, 3^3, 6^3, 8^2\})$	88
24	$\mathcal{O}(0; \{3^6, 6^3, 8^2\})$	680
24	$\mathcal{O}(0; \{2^5, 4^2, 6^3, 8^2\})$	32
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^3, 8^2\})$	352
24	$\mathcal{O}(0; \{2^2, 4^4, 6^3, 8^2\})$	128
24	$\mathcal{O}(0; \{2^5, 3, 6^4, 8^2\})$	40
24	$\mathcal{O}(0; \{2, 3^4, 6^4, 8^2\})$	344
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^4, 8^2\})$	160
24	$\mathcal{O}(0; \{2^2, 3^2, 6^5, 8^2\})$	168
24	$\mathcal{O}(0; \{2^3, 6^6, 8^2\})$	88
24	$\mathcal{O}(0; \{4^2, 6^6, 8^2\})$	352
24	$\mathcal{O}(0; \{3, 6^7, 8^2\})$	344
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 8^4\})$	256
24	$\mathcal{O}(0; \{3^6, 4, 8^4\})$	2816
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 8^4\})$	1024
24	$\mathcal{O}(0; \{2^5, 3, 4, 6, 8^4\})$	256
24	$\mathcal{O}(0; \{2, 3^4, 4, 6, 8^4\})$	1280
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6, 8^4\})$	1024
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^2, 8^4\})$	768
24	$\mathcal{O}(0; \{2^3, 4, 6^3, 8^4\})$	256
24	$\mathcal{O}(0; \{4^3, 6^3, 8^4\})$	1024
24	$\mathcal{O}(0; \{3, 4, 6^4, 8^4\})$	1280
24	$\mathcal{O}(0; \{2^2, 3^3, 8^6\})$	2048
24	$\mathcal{O}(0; \{2^3, 3, 6, 8^6\})$	2048
24	$\mathcal{O}(0; \{3, 4^2, 6, 8^6\})$	8192
24	$\mathcal{O}(0; \{3^2, 6^2, 8^6\})$	6144
24	$\mathcal{O}(0; \{2, 6^3, 8^6\})$	2048
24	$\mathcal{O}(0; \{2^7, 3^2, 4, 8^2, 12\})$	32
24	$\mathcal{O}(0; \{2^3, 3^5, 4, 8^2, 12\})$	352
24	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 8^2, 12\})$	128
24	$\mathcal{O}(0; \{3^5, 4^3, 8^2, 12\})$	1408
24	$\mathcal{O}(0; \{2, 3^2, 4^5, 8^2, 12\})$	512
24	$\mathcal{O}(0; \{2^8, 4, 6, 8^2, 12\})$	32
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 6, 8^2, 12\})$	160

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^6, 4, 6, 8^2, 12\})$	1376
24	$\mathcal{O}(0; \{2^5, 4^3, 6, 8^2, 12\})$	128
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 6, 8^2, 12\})$	640
24	$\mathcal{O}(0; \{2^2, 4^5, 6, 8^2, 12\})$	512
24	$\mathcal{O}(0; \{2^5, 3, 4, 6^2, 8^2, 12\})$	96
24	$\mathcal{O}(0; \{2, 3^4, 4, 6^2, 8^2, 12\})$	672
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^2, 8^2, 12\})$	384
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^3, 8^2, 12\})$	352
24	$\mathcal{O}(0; \{2^3, 4, 6^4, 8^2, 12\})$	160
24	$\mathcal{O}(0; \{4^3, 6^4, 8^2, 12\})$	640
24	$\mathcal{O}(0; \{3, 4, 6^5, 8^2, 12\})$	672
24	$\mathcal{O}(0; \{2^5, 3^2, 8^4, 12\})$	256
24	$\mathcal{O}(0; \{2, 3^5, 8^4, 12\})$	2816
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 8^4, 12\})$	1024
24	$\mathcal{O}(0; \{2^6, 6, 8^4, 12\})$	256
24	$\mathcal{O}(0; \{2^2, 3^3, 6, 8^4, 12\})$	1280
24	$\mathcal{O}(0; \{2^3, 4^2, 6, 8^4, 12\})$	1024
24	$\mathcal{O}(0; \{4^4, 6, 8^4, 12\})$	4096
24	$\mathcal{O}(0; \{2^3, 3, 6^2, 8^4, 12\})$	768
24	$\mathcal{O}(0; \{3, 4^2, 6^2, 8^4, 12\})$	3072
24	$\mathcal{O}(0; \{3^2, 6^3, 8^4, 12\})$	2816
24	$\mathcal{O}(0; \{2, 6^4, 8^4, 12\})$	1280
24	$\mathcal{O}(0; \{3^2, 4, 8^6, 12\})$	8192
24	$\mathcal{O}(0; \{2, 4, 6, 8^6, 12\})$	8192
24	$\mathcal{O}(0; \{2^8, 3, 8^2, 12^2\})$	32
24	$\mathcal{O}(0; \{2^4, 3^4, 8^2, 12^2\})$	352
24	$\mathcal{O}(0; \{3^7, 8^2, 12^2\})$	2720
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 8^2, 12^2\})$	128
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 8^2, 12^2\})$	1408
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 8^2, 12^2\})$	512
24	$\mathcal{O}(0; \{2^5, 3^2, 6, 8^2, 12^2\})$	160
24	$\mathcal{O}(0; \{2, 3^5, 6, 8^2, 12^2\})$	1376
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6, 8^2, 12^2\})$	640
24	$\mathcal{O}(0; \{2^6, 6^2, 8^2, 12^2\})$	96
24	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2^3, 4^2, 6^2, 8^2, 12^2\})$	384
24	$\mathcal{O}(0; \{4^4, 6^2, 8^2, 12^2\})$	1536
24	$\mathcal{O}(0; \{2^3, 3, 6^3, 8^2, 12^2\})$	352
24	$\mathcal{O}(0; \{3, 4^2, 6^3, 8^2, 12^2\})$	1408
24	$\mathcal{O}(0; \{3^2, 6^4, 8^2, 12^2\})$	1376
24	$\mathcal{O}(0; \{2, 6^5, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2^3, 3, 4, 8^4, 12^2\})$	1024
24	$\mathcal{O}(0; \{3, 4^3, 8^4, 12^2\})$	4096

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^2, 4, 6, 8^4, 12^2\})$	5120
24	$\mathcal{O}(0; \{2, 4, 6^2, 8^4, 12^2\})$	3072
24	$\mathcal{O}(0; \{2, 3, 8^6, 12^2\})$	8192
24	$\mathcal{O}(0; \{2^6, 4, 8^2, 12^3\})$	128
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 8^2, 12^3\})$	1408
24	$\mathcal{O}(0; \{2^3, 4^3, 8^2, 12^3\})$	512
24	$\mathcal{O}(0; \{4^5, 8^2, 12^3\})$	2048
24	$\mathcal{O}(0; \{2^3, 3, 4, 6, 8^2, 12^3\})$	640
24	$\mathcal{O}(0; \{3, 4^3, 6, 8^2, 12^3\})$	2560
24	$\mathcal{O}(0; \{3^2, 4, 6^2, 8^2, 12^3\})$	2688
24	$\mathcal{O}(0; \{2, 4, 6^3, 8^2, 12^3\})$	1408
24	$\mathcal{O}(0; \{2^4, 8^4, 12^3\})$	1024
24	$\mathcal{O}(0; \{3^3, 8^4, 12^3\})$	11264
24	$\mathcal{O}(0; \{2, 4^2, 8^4, 12^3\})$	4096
24	$\mathcal{O}(0; \{2, 3, 6, 8^4, 12^3\})$	5120
24	$\mathcal{O}(0; \{2^3, 3^2, 8^2, 12^4\})$	1408
24	$\mathcal{O}(0; \{3^2, 4^2, 8^2, 12^4\})$	5632
24	$\mathcal{O}(0; \{2^4, 6, 8^2, 12^4\})$	640
24	$\mathcal{O}(0; \{3^3, 6, 8^2, 12^4\})$	5504
24	$\mathcal{O}(0; \{2, 4^2, 6, 8^2, 12^4\})$	2560
24	$\mathcal{O}(0; \{2, 3, 6^2, 8^2, 12^4\})$	2688
24	$\mathcal{O}(0; \{2, 3, 4, 8^2, 12^5\})$	5632
24	$\mathcal{O}(0; \{2^2, 8^2, 12^6\})$	5632
24	$\mathcal{O}(0; \{2^{10}, 3, 4, 8, 24\})$	16
24	$\mathcal{O}(0; \{2^6, 3^4, 4, 8, 24\})$	80
24	$\mathcal{O}(0; \{2^2, 3^7, 4, 8, 24\})$	688
24	$\mathcal{O}(0; \{2^7, 3, 4^3, 8, 24\})$	64
24	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 8, 24\})$	320
24	$\mathcal{O}(0; \{2^4, 3, 4^5, 8, 24\})$	256
24	$\mathcal{O}(0; \{3^4, 4^5, 8, 24\})$	1280
24	$\mathcal{O}(0; \{2, 3, 4^7, 8, 24\})$	1024
24	$\mathcal{O}(0; \{2^7, 3^2, 4, 6, 8, 24\})$	48
24	$\mathcal{O}(0; \{2^3, 3^5, 4, 6, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6, 8, 24\})$	192
24	$\mathcal{O}(0; \{3^5, 4^3, 6, 8, 24\})$	1344
24	$\mathcal{O}(0; \{2, 3^2, 4^5, 6, 8, 24\})$	768
24	$\mathcal{O}(0; \{2^8, 4, 6^2, 8, 24\})$	16
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^2, 8, 24\})$	176
24	$\mathcal{O}(0; \{3^6, 4, 6^2, 8, 24\})$	1360
24	$\mathcal{O}(0; \{2^5, 4^3, 6^2, 8, 24\})$	64
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^2, 8, 24\})$	704
24	$\mathcal{O}(0; \{2^2, 4^5, 6^2, 8, 24\})$	256
24	$\mathcal{O}(0; \{2^5, 3, 4, 6^3, 8, 24\})$	80

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 3^4, 4, 6^3, 8, 24\})$	688
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^3, 8, 24\})$	320
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^4, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^3, 4, 6^5, 8, 24\})$	176
24	$\mathcal{O}(0; \{4^3, 6^5, 8, 24\})$	704
24	$\mathcal{O}(0; \{3, 4, 6^6, 8, 24\})$	688
24	$\mathcal{O}(0; \{2^8, 3, 8^3, 24\})$	128
24	$\mathcal{O}(0; \{2^4, 3^4, 8^3, 24\})$	640
24	$\mathcal{O}(0; \{3^7, 8^3, 24\})$	5504
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 8^3, 24\})$	512
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 8^3, 24\})$	2560
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 8^3, 24\})$	2048
24	$\mathcal{O}(0; \{2^5, 3^2, 6, 8^3, 24\})$	384
24	$\mathcal{O}(0; \{2, 3^5, 6, 8^3, 24\})$	2688
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6, 8^3, 24\})$	1536
24	$\mathcal{O}(0; \{2^6, 6^2, 8^3, 24\})$	128
24	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{2^3, 4^2, 6^2, 8^3, 24\})$	512
24	$\mathcal{O}(0; \{4^4, 6^2, 8^3, 24\})$	2048
24	$\mathcal{O}(0; \{2^3, 3, 6^3, 8^3, 24\})$	640
24	$\mathcal{O}(0; \{3, 4^2, 6^3, 8^3, 24\})$	2560
24	$\mathcal{O}(0; \{3^2, 6^4, 8^3, 24\})$	2688
24	$\mathcal{O}(0; \{2, 6^5, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{2^3, 3, 4, 8^5, 24\})$	4096
24	$\mathcal{O}(0; \{3, 4^3, 8^5, 24\})$	16384
24	$\mathcal{O}(0; \{3^2, 4, 6, 8^5, 24\})$	12288
24	$\mathcal{O}(0; \{2, 4, 6^2, 8^5, 24\})$	4096
24	$\mathcal{O}(0; \{2, 3, 8^7, 24\})$	32768
24	$\mathcal{O}(0; \{2^{11}, 8, 12, 24\})$	16
24	$\mathcal{O}(0; \{2^7, 3^3, 8, 12, 24\})$	80
24	$\mathcal{O}(0; \{2^3, 3^6, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2^8, 4^2, 8, 12, 24\})$	64
24	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 8, 12, 24\})$	320
24	$\mathcal{O}(0; \{3^6, 4^2, 8, 12, 24\})$	2752
24	$\mathcal{O}(0; \{2^5, 4^4, 8, 12, 24\})$	256
24	$\mathcal{O}(0; \{2, 3^3, 4^4, 8, 12, 24\})$	1280
24	$\mathcal{O}(0; \{2^2, 4^6, 8, 12, 24\})$	1024
24	$\mathcal{O}(0; \{2^8, 3, 6, 8, 12, 24\})$	48
24	$\mathcal{O}(0; \{2^4, 3^4, 6, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{3^7, 6, 8, 12, 24\})$	2736
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 6, 8, 12, 24\})$	192
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 6, 8, 12, 24\})$	1344
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 6, 8, 12, 24\})$	768

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^5, 3^2, 6^2, 8, 12, 24\})$	176
24	$\mathcal{O}(0; \{2, 3^5, 6^2, 8, 12, 24\})$	1360
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^2, 8, 12, 24\})$	704
24	$\mathcal{O}(0; \{2^6, 6^3, 8, 12, 24\})$	80
24	$\mathcal{O}(0; \{2^2, 3^3, 6^3, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2^3, 4^2, 6^3, 8, 12, 24\})$	320
24	$\mathcal{O}(0; \{4^4, 6^3, 8, 12, 24\})$	1280
24	$\mathcal{O}(0; \{2^3, 3, 6^4, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{3, 4^2, 6^4, 8, 12, 24\})$	1344
24	$\mathcal{O}(0; \{3^2, 6^5, 8, 12, 24\})$	1360
24	$\mathcal{O}(0; \{2, 6^6, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2^6, 4, 8^3, 12, 24\})$	512
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 8^3, 12, 24\})$	2560
24	$\mathcal{O}(0; \{2^3, 4^3, 8^3, 12, 24\})$	2048
24	$\mathcal{O}(0; \{4^5, 8^3, 12, 24\})$	8192
24	$\mathcal{O}(0; \{2^3, 3, 4, 6, 8^3, 12, 24\})$	1536
24	$\mathcal{O}(0; \{3, 4^3, 6, 8^3, 12, 24\})$	6144
24	$\mathcal{O}(0; \{3^2, 4, 6^2, 8^3, 12, 24\})$	5632
24	$\mathcal{O}(0; \{2, 4, 6^3, 8^3, 12, 24\})$	2560
24	$\mathcal{O}(0; \{2^4, 8^5, 12, 24\})$	4096
24	$\mathcal{O}(0; \{3^3, 8^5, 12, 24\})$	20480
24	$\mathcal{O}(0; \{2, 4^2, 8^5, 12, 24\})$	16384
24	$\mathcal{O}(0; \{2, 3, 6, 8^5, 12, 24\})$	12288
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 8, 12^2, 24\})$	320
24	$\mathcal{O}(0; \{2, 3^5, 4, 8, 12^2, 24\})$	2752
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 8, 12^2, 24\})$	1280
24	$\mathcal{O}(0; \{2^6, 4, 6, 8, 12^2, 24\})$	192
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6, 8, 12^2, 24\})$	1344
24	$\mathcal{O}(0; \{2^3, 4^3, 6, 8, 12^2, 24\})$	768
24	$\mathcal{O}(0; \{4^5, 6, 8, 12^2, 24\})$	3072
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^2, 8, 12^2, 24\})$	704
24	$\mathcal{O}(0; \{3, 4^3, 6^2, 8, 12^2, 24\})$	2816
24	$\mathcal{O}(0; \{3^2, 4, 6^3, 8, 12^2, 24\})$	2752
24	$\mathcal{O}(0; \{2, 4, 6^4, 8, 12^2, 24\})$	1344
24	$\mathcal{O}(0; \{2^3, 3^2, 8^3, 12^2, 24\})$	2560
24	$\mathcal{O}(0; \{3^2, 4^2, 8^3, 12^2, 24\})$	10240
24	$\mathcal{O}(0; \{2^4, 6, 8^3, 12^2, 24\})$	1536
24	$\mathcal{O}(0; \{3^3, 6, 8^3, 12^2, 24\})$	10752
24	$\mathcal{O}(0; \{2, 4^2, 6, 8^3, 12^2, 24\})$	6144
24	$\mathcal{O}(0; \{2, 3, 6^2, 8^3, 12^2, 24\})$	5632
24	$\mathcal{O}(0; \{2^6, 3, 8, 12^3, 24\})$	320
24	$\mathcal{O}(0; \{2^2, 3^4, 8, 12^3, 24\})$	2752
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 8, 12^3, 24\})$	1280

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3, 4^4, 8, 12^3, 24\})$	5120
24	$\mathcal{O}(0; \{2^3, 3^2, 6, 8, 12^3, 24\})$	1344
24	$\mathcal{O}(0; \{3^2, 4^2, 6, 8, 12^3, 24\})$	5376
24	$\mathcal{O}(0; \{2^4, 6^2, 8, 12^3, 24\})$	704
24	$\mathcal{O}(0; \{3^3, 6^2, 8, 12^3, 24\})$	5440
24	$\mathcal{O}(0; \{2, 4^2, 6^2, 8, 12^3, 24\})$	2816
24	$\mathcal{O}(0; \{2, 3, 6^3, 8, 12^3, 24\})$	2752
24	$\mathcal{O}(0; \{2, 3, 4, 8^3, 12^3, 24\})$	10240
24	$\mathcal{O}(0; \{2^4, 4, 8, 12^4, 24\})$	1280
24	$\mathcal{O}(0; \{3^3, 4, 8, 12^4, 24\})$	11008
24	$\mathcal{O}(0; \{2, 4^3, 8, 12^4, 24\})$	5120
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8, 12^4, 24\})$	5376
24	$\mathcal{O}(0; \{2^2, 8^3, 12^4, 24\})$	10240
24	$\mathcal{O}(0; \{2, 3^2, 8, 12^5, 24\})$	11008
24	$\mathcal{O}(0; \{2^2, 6, 8, 12^5, 24\})$	5376
24	$\mathcal{O}(0; \{8, 12^7, 24\})$	44032
24	$\mathcal{O}(0; \{2^{10}, 3^2, 24^2\})$	24
24	$\mathcal{O}(0; \{2^6, 3^5, 24^2\})$	168
24	$\mathcal{O}(0; \{2^2, 3^8, 24^2\})$	1368
24	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 24^2\})$	96
24	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 24^2\})$	672
24	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 24^2\})$	384
24	$\mathcal{O}(0; \{3^5, 4^4, 24^2\})$	2688
24	$\mathcal{O}(0; \{2, 3^2, 4^6, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^{11}, 6, 24^2\})$	8
24	$\mathcal{O}(0; \{2^7, 3^3, 6, 24^2\})$	88
24	$\mathcal{O}(0; \{2^3, 3^6, 6, 24^2\})$	680
24	$\mathcal{O}(0; \{2^8, 4^2, 6, 24^2\})$	32
24	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6, 24^2\})$	352
24	$\mathcal{O}(0; \{3^6, 4^2, 6, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^5, 4^4, 6, 24^2\})$	128
24	$\mathcal{O}(0; \{2, 3^3, 4^4, 6, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^2, 4^6, 6, 24^2\})$	512
24	$\mathcal{O}(0; \{2^8, 3, 6^2, 24^2\})$	40
24	$\mathcal{O}(0; \{2^4, 3^4, 6^2, 24^2\})$	344
24	$\mathcal{O}(0; \{3^7, 6^2, 24^2\})$	2728
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^2, 24^2\})$	160
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^2, 24^2\})$	640
24	$\mathcal{O}(0; \{2^5, 3^2, 6^3, 24^2\})$	168
24	$\mathcal{O}(0; \{2, 3^5, 6^3, 24^2\})$	1368
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^3, 24^2\})$	672
24	$\mathcal{O}(0; \{2^6, 6^4, 24^2\})$	88

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^2, 3^3, 6^4, 24^2\})$	680
24	$\mathcal{O}(0; \{2^3, 4^2, 6^4, 24^2\})$	352
24	$\mathcal{O}(0; \{4^4, 6^4, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^3, 3, 6^5, 24^2\})$	344
24	$\mathcal{O}(0; \{3, 4^2, 6^5, 24^2\})$	1376
24	$\mathcal{O}(0; \{3^2, 6^6, 24^2\})$	1368
24	$\mathcal{O}(0; \{2, 6^7, 24^2\})$	680
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 8^2, 24^2\})$	768
24	$\mathcal{O}(0; \{2, 3^5, 4, 8^2, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 8^2, 24^2\})$	3072
24	$\mathcal{O}(0; \{2^6, 4, 6, 8^2, 24^2\})$	256
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6, 8^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^3, 4^3, 6, 8^2, 24^2\})$	1024
24	$\mathcal{O}(0; \{4^5, 6, 8^2, 24^2\})$	4096
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^2, 8^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{3, 4^3, 6^2, 8^2, 24^2\})$	5120
24	$\mathcal{O}(0; \{3^2, 4, 6^3, 8^2, 24^2\})$	5376
24	$\mathcal{O}(0; \{2, 4, 6^4, 8^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^3, 3^2, 8^4, 24^2\})$	6144
24	$\mathcal{O}(0; \{3^2, 4^2, 8^4, 24^2\})$	24576
24	$\mathcal{O}(0; \{2^4, 6, 8^4, 24^2\})$	2048
24	$\mathcal{O}(0; \{3^3, 6, 8^4, 24^2\})$	22528
24	$\mathcal{O}(0; \{2, 4^2, 6, 8^4, 24^2\})$	8192
24	$\mathcal{O}(0; \{2, 3, 6^2, 8^4, 24^2\})$	10240
24	$\mathcal{O}(0; \{2^8, 3, 4, 12, 24^2\})$	96
24	$\mathcal{O}(0; \{2^4, 3^4, 4, 12, 24^2\})$	672
24	$\mathcal{O}(0; \{3^7, 4, 12, 24^2\})$	5472
24	$\mathcal{O}(0; \{2^5, 3, 4^3, 12, 24^2\})$	384
24	$\mathcal{O}(0; \{2, 3^4, 4^3, 12, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^2, 3, 4^5, 12, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 6, 12, 24^2\})$	352
24	$\mathcal{O}(0; \{2, 3^5, 4, 6, 12, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6, 12, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^6, 4, 6^2, 12, 24^2\})$	160
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^2, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^3, 4^3, 6^2, 12, 24^2\})$	640
24	$\mathcal{O}(0; \{4^5, 6^2, 12, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^3, 12, 24^2\})$	672
24	$\mathcal{O}(0; \{3, 4^3, 6^3, 12, 24^2\})$	2688
24	$\mathcal{O}(0; \{3^2, 4, 6^4, 12, 24^2\})$	2720
24	$\mathcal{O}(0; \{2, 4, 6^5, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^6, 3, 8^2, 12, 24^2\})$	768
24	$\mathcal{O}(0; \{2^2, 3^4, 8^2, 12, 24^2\})$	5376

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 8^2, 12, 24^2\})$	3072
24	$\mathcal{O}(0; \{3, 4^4, 8^2, 12, 24^2\})$	12288
24	$\mathcal{O}(0; \{2^3, 3^2, 6, 8^2, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{3^2, 4^2, 6, 8^2, 12, 24^2\})$	11264
24	$\mathcal{O}(0; \{2^4, 6^2, 8^2, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{3^3, 6^2, 8^2, 12, 24^2\})$	11008
24	$\mathcal{O}(0; \{2, 4^2, 6^2, 8^2, 12, 24^2\})$	5120
24	$\mathcal{O}(0; \{2, 3, 6^3, 8^2, 12, 24^2\})$	5376
24	$\mathcal{O}(0; \{2, 3, 4, 8^4, 12, 24^2\})$	24576
24	$\mathcal{O}(0; \{2^9, 12^2, 24^2\})$	96
24	$\mathcal{O}(0; \{2^5, 3^3, 12^2, 24^2\})$	672
24	$\mathcal{O}(0; \{2, 3^6, 12^2, 24^2\})$	5472
24	$\mathcal{O}(0; \{2^6, 4^2, 12^2, 24^2\})$	384
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 12^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^3, 4^4, 12^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{4^6, 12^2, 24^2\})$	6144
24	$\mathcal{O}(0; \{2^6, 3, 6, 12^2, 24^2\})$	352
24	$\mathcal{O}(0; \{2^2, 3^4, 6, 12^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6, 12^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{3, 4^4, 6, 12^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 12^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{3^2, 4^2, 6^2, 12^2, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^4, 6^3, 12^2, 24^2\})$	672
24	$\mathcal{O}(0; \{3^3, 6^3, 12^2, 24^2\})$	5472
24	$\mathcal{O}(0; \{2, 4^2, 6^3, 12^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2, 3, 6^4, 12^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^4, 4, 8^2, 12^2, 24^2\})$	3072
24	$\mathcal{O}(0; \{3^3, 4, 8^2, 12^2, 24^2\})$	21504
24	$\mathcal{O}(0; \{2, 4^3, 8^2, 12^2, 24^2\})$	12288
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8^2, 12^2, 24^2\})$	11264
24	$\mathcal{O}(0; \{2^2, 8^4, 12^2, 24^2\})$	24576
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 12^3, 24^2\})$	2688
24	$\mathcal{O}(0; \{3^2, 4^3, 12^3, 24^2\})$	10752
24	$\mathcal{O}(0; \{2^4, 4, 6, 12^3, 24^2\})$	1408
24	$\mathcal{O}(0; \{3^3, 4, 6, 12^3, 24^2\})$	10880
24	$\mathcal{O}(0; \{2, 4^3, 6, 12^3, 24^2\})$	5632
24	$\mathcal{O}(0; \{2, 3, 4, 6^2, 12^3, 24^2\})$	5504
24	$\mathcal{O}(0; \{2, 3^2, 8^2, 12^3, 24^2\})$	21504
24	$\mathcal{O}(0; \{2^2, 6, 8^2, 12^3, 24^2\})$	11264
24	$\mathcal{O}(0; \{2^4, 3, 12^4, 24^2\})$	2688
24	$\mathcal{O}(0; \{3^4, 12^4, 24^2\})$	21888
24	$\mathcal{O}(0; \{2, 3, 4^2, 12^4, 24^2\})$	10752
24	$\mathcal{O}(0; \{2, 3^2, 6, 12^4, 24^2\})$	10880

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^2, 6^2, 12^4, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^2, 4, 12^5, 24^2\})$	10752
24	$\mathcal{O}(0; \{8^2, 12^5, 24^2\})$	86016
24	$\mathcal{O}(0; \{6, 12^6, 24^2\})$	43520
24	$\mathcal{O}(0; \{2^9, 8, 24^3\})$	128
24	$\mathcal{O}(0; \{2^5, 3^3, 8, 24^3\})$	1408
24	$\mathcal{O}(0; \{2, 3^6, 8, 24^3\})$	10880
24	$\mathcal{O}(0; \{2^6, 4^2, 8, 24^3\})$	512
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 8, 24^3\})$	5632
24	$\mathcal{O}(0; \{2^3, 4^4, 8, 24^3\})$	2048
24	$\mathcal{O}(0; \{4^6, 8, 24^3\})$	8192
24	$\mathcal{O}(0; \{2^6, 3, 6, 8, 24^3\})$	640
24	$\mathcal{O}(0; \{2^2, 3^4, 6, 8, 24^3\})$	5504
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6, 8, 24^3\})$	2560
24	$\mathcal{O}(0; \{3, 4^4, 6, 8, 24^3\})$	10240
24	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{3^2, 4^2, 6^2, 8, 24^3\})$	10752
24	$\mathcal{O}(0; \{2^4, 6^3, 8, 24^3\})$	1408
24	$\mathcal{O}(0; \{3^3, 6^3, 8, 24^3\})$	10880
24	$\mathcal{O}(0; \{2, 4^2, 6^3, 8, 24^3\})$	5632
24	$\mathcal{O}(0; \{2, 3, 6^4, 8, 24^3\})$	5504
24	$\mathcal{O}(0; \{2^4, 4, 8^3, 24^3\})$	4096
24	$\mathcal{O}(0; \{3^3, 4, 8^3, 24^3\})$	45056
24	$\mathcal{O}(0; \{2, 4^3, 8^3, 24^3\})$	16384
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8^3, 24^3\})$	20480
24	$\mathcal{O}(0; \{2^2, 8^5, 24^3\})$	32768
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 8, 12, 24^3\})$	5632
24	$\mathcal{O}(0; \{3^2, 4^3, 8, 12, 24^3\})$	22528
24	$\mathcal{O}(0; \{2^4, 4, 6, 8, 12, 24^3\})$	2560
24	$\mathcal{O}(0; \{3^3, 4, 6, 8, 12, 24^3\})$	22016
24	$\mathcal{O}(0; \{2, 4^3, 6, 8, 12, 24^3\})$	10240
24	$\mathcal{O}(0; \{2, 3, 4, 6^2, 8, 12, 24^3\})$	10752
24	$\mathcal{O}(0; \{2, 3^2, 8^3, 12, 24^3\})$	45056
24	$\mathcal{O}(0; \{2^2, 6, 8^3, 12, 24^3\})$	20480
24	$\mathcal{O}(0; \{2^4, 3, 8, 12^2, 24^3\})$	5632
24	$\mathcal{O}(0; \{3^4, 8, 12^2, 24^3\})$	43520
24	$\mathcal{O}(0; \{2, 3, 4^2, 8, 12^2, 24^3\})$	22528
24	$\mathcal{O}(0; \{2, 3^2, 6, 8, 12^2, 24^3\})$	22016
24	$\mathcal{O}(0; \{2^2, 6^2, 8, 12^2, 24^3\})$	10752
24	$\mathcal{O}(0; \{2^2, 4, 8, 12^3, 24^3\})$	22528
24	$\mathcal{O}(0; \{8^3, 12^3, 24^3\})$	180224
24	$\mathcal{O}(0; \{6, 8, 12^4, 24^3\})$	88064
24	$\mathcal{O}(0; \{2^6, 3, 4, 24^4\})$	1280

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 24^4\})$	11008
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 24^4\})$	5120
24	$\mathcal{O}(0; \{3, 4^5, 24^4\})$	20480
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6, 24^4\})$	5376
24	$\mathcal{O}(0; \{3^2, 4^3, 6, 24^4\})$	21504
24	$\mathcal{O}(0; \{2^4, 4, 6^2, 24^4\})$	2816
24	$\mathcal{O}(0; \{3^3, 4, 6^2, 24^4\})$	21760
24	$\mathcal{O}(0; \{2, 4^3, 6^2, 24^4\})$	11264
24	$\mathcal{O}(0; \{2, 3, 4, 6^3, 24^4\})$	11008
24	$\mathcal{O}(0; \{2^4, 3, 8^2, 24^4\})$	10240
24	$\mathcal{O}(0; \{3^4, 8^2, 24^4\})$	88064
24	$\mathcal{O}(0; \{2, 3, 4^2, 8^2, 24^4\})$	40960
24	$\mathcal{O}(0; \{2, 3^2, 6, 8^2, 24^4\})$	43008
24	$\mathcal{O}(0; \{2^2, 6^2, 8^2, 24^4\})$	22528
24	$\mathcal{O}(0; \{2^7, 12, 24^4\})$	1280
24	$\mathcal{O}(0; \{2^3, 3^3, 12, 24^4\})$	11008
24	$\mathcal{O}(0; \{2^4, 4^2, 12, 24^4\})$	5120
24	$\mathcal{O}(0; \{3^3, 4^2, 12, 24^4\})$	44032
24	$\mathcal{O}(0; \{2, 4^4, 12, 24^4\})$	20480
24	$\mathcal{O}(0; \{2^4, 3, 6, 12, 24^4\})$	5376
24	$\mathcal{O}(0; \{3^4, 6, 12, 24^4\})$	43776
24	$\mathcal{O}(0; \{2, 3, 4^2, 6, 12, 24^4\})$	21504
24	$\mathcal{O}(0; \{2, 3^2, 6^2, 12, 24^4\})$	21760
24	$\mathcal{O}(0; \{2^2, 6^3, 12, 24^4\})$	11008
24	$\mathcal{O}(0; \{2^2, 4, 8^2, 12, 24^4\})$	40960
24	$\mathcal{O}(0; \{8^4, 12, 24^4\})$	327680
24	$\mathcal{O}(0; \{2, 3^2, 4, 12^2, 24^4\})$	44032
24	$\mathcal{O}(0; \{2^2, 4, 6, 12^2, 24^4\})$	21504
24	$\mathcal{O}(0; \{6, 8^2, 12^2, 24^4\})$	172032
24	$\mathcal{O}(0; \{2^2, 3, 12^3, 24^4\})$	44032
24	$\mathcal{O}(0; \{6^2, 12^3, 24^4\})$	87040
24	$\mathcal{O}(0; \{4, 12^4, 24^4\})$	176128
24	$\mathcal{O}(0; \{2, 3^2, 4, 8, 24^5\})$	86016
24	$\mathcal{O}(0; \{2^2, 4, 6, 8, 24^5\})$	45056
24	$\mathcal{O}(0; \{6, 8^3, 24^5\})$	360448
24	$\mathcal{O}(0; \{2^2, 3, 8, 12, 24^5\})$	86016
24	$\mathcal{O}(0; \{6^2, 8, 12, 24^5\})$	176128
24	$\mathcal{O}(0; \{4, 8, 12^2, 24^5\})$	344064
24	$\mathcal{O}(0; \{2^5, 24^6\})$	22528
24	$\mathcal{O}(0; \{2, 3^3, 24^6\})$	174080
24	$\mathcal{O}(0; \{2^2, 4^2, 24^6\})$	90112
24	$\mathcal{O}(0; \{2^2, 3, 6, 24^6\})$	88064
24	$\mathcal{O}(0; \{6^3, 24^6\})$	174080

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{4, 8^2, 24^6\})$	720896
24	$\mathcal{O}(0; \{4, 6, 12, 24^6\})$	352256
24	$\mathcal{O}(0; \{3, 12^2, 24^6\})$	696320
24	$\mathcal{O}(0; \{3, 8, 24^7\})$	1409024
25	$\mathcal{O}(4; \emptyset)$	152587500000
25	$\mathcal{O}(2; \{5^5\})$	79560000
25	$\mathcal{O}(0; \{5^4, 25^5\})$	32640000
26	$\mathcal{O}(2; \{2^2, 13^3\})$	60320832
26	$\mathcal{O}(2; \{13^2, 26^2\})$	729333696
26	$\mathcal{O}(1; \{2^6, 13^3\})$	89232
26	$\mathcal{O}(1; \{2^4, 13^2, 26^2\})$	1078896
26	$\mathcal{O}(1; \{2^2, 13, 26^4\})$	12938640
26	$\mathcal{O}(1; \{26^6\})$	155271792
26	$\mathcal{O}(0; \{2^{10}, 13^3\})$	132
26	$\mathcal{O}(0; \{2^8, 13^2, 26^2\})$	1596
26	$\mathcal{O}(0; \{2^6, 13, 26^4\})$	19140
26	$\mathcal{O}(0; \{2^4, 26^6\})$	229692
27	$\mathcal{O}(2; \{9^4\})$	85030560
27	$\mathcal{O}(2; \{3, 27^3\})$	172186884
27	$\mathcal{O}(1; \{3^3, 9^4\})$	839808
27	$\mathcal{O}(1; \{3^4, 27^3\})$	1889568
27	$\mathcal{O}(1; \{9^3, 27^3\})$	25509168
27	$\mathcal{O}(0; \{3^7, 27^3\})$	20736
27	$\mathcal{O}(0; \{3^3, 9^3, 27^3\})$	279936
27	$\mathcal{O}(0; \{9^2, 27^6\})$	46766808
28	$\mathcal{O}(2; \{4^2, 14^2\})$	7375872
28	$\mathcal{O}(2; \{2, 14, 28^2\})$	36879360
28	$\mathcal{O}(1; \{2^4, 4^2, 14^2\})$	9408
28	$\mathcal{O}(1; \{2, 4^4, 14^2\})$	37632
28	$\mathcal{O}(1; \{2^2, 4, 7^2, 14, 28\})$	291648
28	$\mathcal{O}(1; \{4, 7, 14^3, 28\})$	1740480
28	$\mathcal{O}(1; \{7^4, 28^2\})$	10452288
28	$\mathcal{O}(1; \{2^5, 14, 28^2\})$	47040
28	$\mathcal{O}(1; \{2^2, 4^2, 14, 28^2\})$	188160
28	$\mathcal{O}(1; \{4, 7^2, 28^3\})$	6961920
28	$\mathcal{O}(1; \{2^3, 28^4\})$	1166592
28	$\mathcal{O}(1; \{4^2, 28^4\})$	4666368
28	$\mathcal{O}(0; \{2^3, 4^2, 7^4, 14\})$	2220
28	$\mathcal{O}(0; \{4^4, 7^4, 14\})$	8880
28	$\mathcal{O}(0; \{2^8, 4^2, 14^2\})$	12
28	$\mathcal{O}(0; \{2^5, 4^4, 14^2\})$	48
28	$\mathcal{O}(0; \{2^2, 4^6, 14^2\})$	192
28	$\mathcal{O}(0; \{2, 4^2, 7^3, 14^3\})$	13332

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{2, 4, 7^6, 28\})$	79980
28	$\mathcal{O}(0; \{2^6, 4, 7^2, 14, 28\})$	372
28	$\mathcal{O}(0; \{2^3, 4^3, 7^2, 14, 28\})$	1488
28	$\mathcal{O}(0; \{4^5, 7^2, 14, 28\})$	5952
28	$\mathcal{O}(0; \{2^4, 4, 7, 14^3, 28\})$	2220
28	$\mathcal{O}(0; \{2, 4^3, 7, 14^3, 28\})$	8880
28	$\mathcal{O}(0; \{2^2, 4, 14^5, 28\})$	13332
28	$\mathcal{O}(0; \{2^4, 7^4, 28^2\})$	13332
28	$\mathcal{O}(0; \{2, 4^2, 7^4, 28^2\})$	53328
28	$\mathcal{O}(0; \{2^9, 14, 28^2\})$	60
28	$\mathcal{O}(0; \{2^6, 4^2, 14, 28^2\})$	240
28	$\mathcal{O}(0; \{2^3, 4^4, 14, 28^2\})$	960
28	$\mathcal{O}(0; \{4^6, 14, 28^2\})$	3840
28	$\mathcal{O}(0; \{2^2, 7^3, 14^2, 28^2\})$	79980
28	$\mathcal{O}(0; \{7^2, 14^4, 28^2\})$	479892
28	$\mathcal{O}(0; \{2^4, 4, 7^2, 28^3\})$	8880
28	$\mathcal{O}(0; \{2, 4^3, 7^2, 28^3\})$	35520
28	$\mathcal{O}(0; \{2^2, 4, 7, 14^2, 28^3\})$	53328
28	$\mathcal{O}(0; \{4, 14^4, 28^3\})$	319920
28	$\mathcal{O}(0; \{2^7, 28^4\})$	1488
28	$\mathcal{O}(0; \{2^4, 4^2, 28^4\})$	5952
28	$\mathcal{O}(0; \{2, 4^4, 28^4\})$	23808
28	$\mathcal{O}(0; \{7^3, 14, 28^4\})$	1919568
28	$\mathcal{O}(0; \{4, 7, 14, 28^5\})$	1279680
30	$\mathcal{O}(3; \{2^2\})$	727953408
30	$\mathcal{O}(2; \{2^6\})$	798720
30	$\mathcal{O}(2; \{2^2, 3^3\})$	1617408
30	$\mathcal{O}(2; \{2^3, 3, 6\})$	1617408
30	$\mathcal{O}(2; \{3^2, 6^2\})$	4852224
30	$\mathcal{O}(2; \{2, 6^3\})$	1617408
30	$\mathcal{O}(2; \{2, 5^2, 10\})$	9600000
30	$\mathcal{O}(2; \{2, 3, 10, 15\})$	6480000
30	$\mathcal{O}(1; \{2^{10}\})$	768
30	$\mathcal{O}(1; \{2^6, 3^3\})$	1728
30	$\mathcal{O}(1; \{2^2, 3^6\})$	19008
30	$\mathcal{O}(1; \{2^2, 5^5\})$	163200
30	$\mathcal{O}(1; \{2^7, 3, 6\})$	1728
30	$\mathcal{O}(1; \{2^3, 3^4, 6\})$	8640
30	$\mathcal{O}(1; \{2^4, 3^2, 6^2\})$	5184
30	$\mathcal{O}(1; \{3^5, 6^2\})$	36288
30	$\mathcal{O}(1; \{2^5, 6^3\})$	1728
30	$\mathcal{O}(1; \{2, 3^3, 6^3\})$	19008
30	$\mathcal{O}(1; \{2^2, 3, 6^4\})$	8640

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{6^6\})$	19008
30	$\mathcal{O}(1; \{2^5, 5^2, 10\})$	9600
30	$\mathcal{O}(1; \{2, 3^3, 5^2, 10\})$	21600
30	$\mathcal{O}(1; \{2^2, 3, 5^2, 6, 10\})$	21600
30	$\mathcal{O}(1; \{5^2, 6^3, 10\})$	21600
30	$\mathcal{O}(1; \{5^4, 10^2\})$	656000
30	$\mathcal{O}(1; \{2^3, 5, 10^3\})$	41600
30	$\mathcal{O}(1; \{3, 5, 6, 10^3\})$	93600
30	$\mathcal{O}(1; \{2, 10^5\})$	163200
30	$\mathcal{O}(1; \{2^2, 3, 5^3, 15\})$	93600
30	$\mathcal{O}(1; \{5^3, 6^2, 15\})$	93600
30	$\mathcal{O}(1; \{2^5, 3, 10, 15\})$	7200
30	$\mathcal{O}(1; \{2, 3^4, 10, 15\})$	36000
30	$\mathcal{O}(1; \{2^2, 3^2, 6, 10, 15\})$	21600
30	$\mathcal{O}(1; \{2^3, 6^2, 10, 15\})$	7200
30	$\mathcal{O}(1; \{3, 6^3, 10, 15\})$	36000
30	$\mathcal{O}(1; \{3, 5^2, 10^2, 15\})$	367200
30	$\mathcal{O}(1; \{2^2, 3^2, 5, 15^2\})$	64800
30	$\mathcal{O}(1; \{2^3, 5, 6, 15^2\})$	21600
30	$\mathcal{O}(1; \{3, 5, 6^2, 15^2\})$	108000
30	$\mathcal{O}(1; \{3^2, 10^2, 15^2\})$	280800
30	$\mathcal{O}(1; \{2, 6, 10^2, 15^2\})$	93600
30	$\mathcal{O}(1; \{2, 5, 10, 15^3\})$	367200
30	$\mathcal{O}(1; \{5^4, 6, 30\})$	367200
30	$\mathcal{O}(1; \{2^2, 3^2, 5, 10, 30\})$	21600
30	$\mathcal{O}(1; \{2^3, 5, 6, 10, 30\})$	21600
30	$\mathcal{O}(1; \{3, 5, 6^2, 10, 30\})$	64800
30	$\mathcal{O}(1; \{3^2, 10^3, 30\})$	93600
30	$\mathcal{O}(1; \{2, 6, 10^3, 30\})$	93600
30	$\mathcal{O}(1; \{2^3, 5^2, 15, 30\})$	93600
30	$\mathcal{O}(1; \{3, 5^2, 6, 15, 30\})$	280800
30	$\mathcal{O}(1; \{2, 5, 10^2, 15, 30\})$	367200
30	$\mathcal{O}(1; \{2^3, 3, 15^2, 30\})$	64800
30	$\mathcal{O}(1; \{3^2, 6, 15^2, 30\})$	237600
30	$\mathcal{O}(1; \{2, 6^2, 15^2, 30\})$	108000
30	$\mathcal{O}(1; \{3, 5^3, 30^2\})$	367200
30	$\mathcal{O}(1; \{2^3, 3, 10, 30^2\})$	21600
30	$\mathcal{O}(1; \{3^2, 6, 10, 30^2\})$	108000
30	$\mathcal{O}(1; \{2, 6^2, 10, 30^2\})$	64800
30	$\mathcal{O}(1; \{3^2, 5, 15, 30^2\})$	468000
30	$\mathcal{O}(1; \{2, 5, 6, 15, 30^2\})$	280800
30	$\mathcal{O}(1; \{2, 5^2, 30^3\})$	367200
30	$\mathcal{O}(1; \{2, 3, 15, 30^3\})$	468000

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^2, 3^3, 5^5\})$	408
30	$\mathcal{O}(0; \{2^3, 3, 5^5, 6\})$	408
30	$\mathcal{O}(0; \{3^2, 5^5, 6^2\})$	1224
30	$\mathcal{O}(0; \{2, 5^5, 6^3\})$	408
30	$\mathcal{O}(0; \{2^5, 3^3, 5^2, 10\})$	24
30	$\mathcal{O}(0; \{2, 3^6, 5^2, 10\})$	264
30	$\mathcal{O}(0; \{2^6, 3, 5^2, 6, 10\})$	24
30	$\mathcal{O}(0; \{2^2, 3^4, 5^2, 6, 10\})$	120
30	$\mathcal{O}(0; \{2^3, 3^2, 5^2, 6^2, 10\})$	72
30	$\mathcal{O}(0; \{2^4, 5^2, 6^3, 10\})$	24
30	$\mathcal{O}(0; \{3^3, 5^2, 6^3, 10\})$	264
30	$\mathcal{O}(0; \{2, 3, 5^2, 6^4, 10\})$	120
30	$\mathcal{O}(0; \{3^3, 5^4, 10^2\})$	1640
30	$\mathcal{O}(0; \{2, 3, 5^4, 6, 10^2\})$	1640
30	$\mathcal{O}(0; \{2^3, 3^3, 5, 10^3\})$	104
30	$\mathcal{O}(0; \{2^4, 3, 5, 6, 10^3\})$	104
30	$\mathcal{O}(0; \{3^4, 5, 6, 10^3\})$	520
30	$\mathcal{O}(0; \{2, 3^2, 5, 6^2, 10^3\})$	312
30	$\mathcal{O}(0; \{2^2, 5, 6^3, 10^3\})$	104
30	$\mathcal{O}(0; \{2, 3^3, 10^5\})$	408
30	$\mathcal{O}(0; \{2^2, 3, 6, 10^5\})$	408
30	$\mathcal{O}(0; \{6^3, 10^5\})$	408
30	$\mathcal{O}(0; \{2^6, 3, 5^3, 15\})$	104
30	$\mathcal{O}(0; \{2^2, 3^4, 5^3, 15\})$	520
30	$\mathcal{O}(0; \{2^3, 3^2, 5^3, 6, 15\})$	312
30	$\mathcal{O}(0; \{2^4, 5^3, 6^2, 15\})$	104
30	$\mathcal{O}(0; \{3^3, 5^3, 6^2, 15\})$	1144
30	$\mathcal{O}(0; \{2, 3, 5^3, 6^3, 15\})$	520
30	$\mathcal{O}(0; \{2^9, 3, 10, 15\})$	8
30	$\mathcal{O}(0; \{2^5, 3^4, 10, 15\})$	40
30	$\mathcal{O}(0; \{2, 3^7, 10, 15\})$	344
30	$\mathcal{O}(0; \{2, 3, 5^5, 10, 15\})$	6552
30	$\mathcal{O}(0; \{2^6, 3^2, 6, 10, 15\})$	24
30	$\mathcal{O}(0; \{2^2, 3^5, 6, 10, 15\})$	168
30	$\mathcal{O}(0; \{2^7, 6^2, 10, 15\})$	8
30	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 10, 15\})$	88
30	$\mathcal{O}(0; \{2^4, 3, 6^3, 10, 15\})$	40
30	$\mathcal{O}(0; \{3^4, 6^3, 10, 15\})$	344
30	$\mathcal{O}(0; \{2, 3^2, 6^4, 10, 15\})$	168
30	$\mathcal{O}(0; \{2^2, 6^5, 10, 15\})$	88
30	$\mathcal{O}(0; \{2^4, 3, 5^2, 10^2, 15\})$	408
30	$\mathcal{O}(0; \{3^4, 5^2, 10^2, 15\})$	2040
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 6, 10^2, 15\})$	1224

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^2, 5^2, 6^2, 10^2, 15\})$	408
30	$\mathcal{O}(0; \{2^2, 3, 5, 10^4, 15\})$	1640
30	$\mathcal{O}(0; \{5, 6^2, 10^4, 15\})$	1640
30	$\mathcal{O}(0; \{3, 10^6, 15\})$	6552
30	$\mathcal{O}(0; \{2^6, 3^2, 5, 15^2\})$	72
30	$\mathcal{O}(0; \{2^2, 3^5, 5, 15^2\})$	504
30	$\mathcal{O}(0; \{2^7, 5, 6, 15^2\})$	24
30	$\mathcal{O}(0; \{2^3, 3^3, 5, 6, 15^2\})$	264
30	$\mathcal{O}(0; \{2^4, 3, 5, 6^2, 15^2\})$	120
30	$\mathcal{O}(0; \{3^4, 5, 6^2, 15^2\})$	1032
30	$\mathcal{O}(0; \{2, 3^2, 5, 6^3, 15^2\})$	504
30	$\mathcal{O}(0; \{2^2, 5, 6^4, 15^2\})$	264
30	$\mathcal{O}(0; \{2, 3^2, 5^3, 10, 15^2\})$	4920
30	$\mathcal{O}(0; \{2^2, 5^3, 6, 10, 15^2\})$	1640
30	$\mathcal{O}(0; \{2^4, 3^2, 10^2, 15^2\})$	312
30	$\mathcal{O}(0; \{3^5, 10^2, 15^2\})$	2184
30	$\mathcal{O}(0; \{2^5, 6, 10^2, 15^2\})$	104
30	$\mathcal{O}(0; \{2, 3^3, 6, 10^2, 15^2\})$	1144
30	$\mathcal{O}(0; \{2^2, 3, 6^2, 10^2, 15^2\})$	520
30	$\mathcal{O}(0; \{6^4, 10^2, 15^2\})$	1144
30	$\mathcal{O}(0; \{5^2, 6, 10^3, 15^2\})$	6552
30	$\mathcal{O}(0; \{2^2, 5^4, 15^3\})$	6552
30	$\mathcal{O}(0; \{2^5, 5, 10, 15^3\})$	408
30	$\mathcal{O}(0; \{2, 3^3, 5, 10, 15^3\})$	4488
30	$\mathcal{O}(0; \{2^2, 3, 5, 6, 10, 15^3\})$	2040
30	$\mathcal{O}(0; \{5, 6^3, 10, 15^3\})$	4488
30	$\mathcal{O}(0; \{5^3, 10^2, 15^3\})$	26216
30	$\mathcal{O}(0; \{2^3, 10^3, 15^3\})$	1640
30	$\mathcal{O}(0; \{3, 6, 10^3, 15^3\})$	8200
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 15^4\})$	8200
30	$\mathcal{O}(0; \{5^2, 6^2, 15^4\})$	18040
30	$\mathcal{O}(0; \{3, 5, 10^2, 15^4\})$	32760
30	$\mathcal{O}(0; \{2^2, 3^2, 15^5\})$	8568
30	$\mathcal{O}(0; \{2^3, 6, 15^5\})$	4488
30	$\mathcal{O}(0; \{3, 6^2, 15^5\})$	17544
30	$\mathcal{O}(0; \{2, 10, 15^6\})$	72072
30	$\mathcal{O}(0; \{2^3, 3^2, 5^4, 30\})$	408
30	$\mathcal{O}(0; \{2^4, 5^4, 6, 30\})$	408
30	$\mathcal{O}(0; \{3^3, 5^4, 6, 30\})$	2040
30	$\mathcal{O}(0; \{2, 3, 5^4, 6^2, 30\})$	1224
30	$\mathcal{O}(0; \{2^6, 3^2, 5, 10, 30\})$	24
30	$\mathcal{O}(0; \{2^2, 3^5, 5, 10, 30\})$	264
30	$\mathcal{O}(0; \{2^7, 5, 6, 10, 30\})$	24

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Table 6 – continued from previous page

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

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^3, 5, 15^4, 30\})$	8200
30	$\mathcal{O}(0; \{3, 5, 6, 15^4, 30\})$	34440
30	$\mathcal{O}(0; \{2, 10^2, 15^4, 30\})$	32760
30	$\mathcal{O}(0; \{2^4, 3, 5^3, 30^2\})$	408
30	$\mathcal{O}(0; \{3^4, 5^3, 30^2\})$	4488
30	$\mathcal{O}(0; \{2, 3^2, 5^3, 6, 30^2\})$	2040
30	$\mathcal{O}(0; \{2^2, 5^3, 6^2, 30^2\})$	1224
30	$\mathcal{O}(0; \{2^7, 3, 10, 30^2\})$	24
30	$\mathcal{O}(0; \{2^3, 3^4, 10, 30^2\})$	264
30	$\mathcal{O}(0; \{2^4, 3^2, 6, 10, 30^2\})$	120
30	$\mathcal{O}(0; \{3^5, 6, 10, 30^2\})$	1032
30	$\mathcal{O}(0; \{2^5, 6^2, 10, 30^2\})$	72
30	$\mathcal{O}(0; \{2, 3^3, 6^2, 10, 30^2\})$	504
30	$\mathcal{O}(0; \{2^2, 3, 6^3, 10, 30^2\})$	264
30	$\mathcal{O}(0; \{6^5, 10, 30^2\})$	504
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 10^2, 30^2\})$	1640
30	$\mathcal{O}(0; \{5^2, 6^2, 10^2, 30^2\})$	4920
30	$\mathcal{O}(0; \{3, 5, 10^4, 30^2\})$	6552
30	$\mathcal{O}(0; \{2^4, 3^2, 5, 15, 30^2\})$	520
30	$\mathcal{O}(0; \{3^5, 5, 15, 30^2\})$	4472
30	$\mathcal{O}(0; \{2^5, 5, 6, 15, 30^2\})$	312
30	$\mathcal{O}(0; \{2, 3^3, 5, 6, 15, 30^2\})$	2184
30	$\mathcal{O}(0; \{2^2, 3, 5, 6^2, 15, 30^2\})$	1144
30	$\mathcal{O}(0; \{5, 6^4, 15, 30^2\})$	2184
30	$\mathcal{O}(0; \{5^3, 6, 10, 15, 30^2\})$	19656
30	$\mathcal{O}(0; \{2^2, 3^2, 10^2, 15, 30^2\})$	2040
30	$\mathcal{O}(0; \{2^3, 6, 10^2, 15, 30^2\})$	1224
30	$\mathcal{O}(0; \{3, 6^2, 10^2, 15, 30^2\})$	4488
30	$\mathcal{O}(0; \{5^4, 15^2, 30^2\})$	78648
30	$\mathcal{O}(0; \{2^3, 5, 10, 15^2, 30^2\})$	4920
30	$\mathcal{O}(0; \{3, 5, 6, 10, 15^2, 30^2\})$	18040
30	$\mathcal{O}(0; \{2, 10^3, 15^2, 30^2\})$	19656
30	$\mathcal{O}(0; \{3, 5^2, 15^3, 30^2\})$	72072
30	$\mathcal{O}(0; \{3^2, 15^4, 30^2\})$	70520
30	$\mathcal{O}(0; \{2, 6, 15^4, 30^2\})$	34440
30	$\mathcal{O}(0; \{2^5, 5^2, 30^3\})$	408
30	$\mathcal{O}(0; \{2, 3^3, 5^2, 30^3\})$	4488
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 6, 30^3\})$	2040
30	$\mathcal{O}(0; \{5^2, 6^3, 30^3\})$	4488
30	$\mathcal{O}(0; \{5^4, 10, 30^3\})$	26216
30	$\mathcal{O}(0; \{2^3, 5, 10^2, 30^3\})$	1640
30	$\mathcal{O}(0; \{3, 5, 6, 10^2, 30^3\})$	8200
30	$\mathcal{O}(0; \{2, 10^4, 30^3\})$	6552

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^5, 3, 15, 30^3\})$	520
30	$\mathcal{O}(0; \{2, 3^4, 15, 30^3\})$	4472
30	$\mathcal{O}(0; \{2^2, 3^2, 6, 15, 30^3\})$	2184
30	$\mathcal{O}(0; \{2^3, 6^2, 15, 30^3\})$	1144
30	$\mathcal{O}(0; \{3, 6^3, 15, 30^3\})$	4472
30	$\mathcal{O}(0; \{3, 5^2, 10, 15, 30^3\})$	32760
30	$\mathcal{O}(0; \{3^2, 10, 15^2, 30^3\})$	34440
30	$\mathcal{O}(0; \{2, 6, 10, 15^2, 30^3\})$	18040
30	$\mathcal{O}(0; \{2, 5, 15^3, 30^3\})$	72072
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 30^4\})$	4488
30	$\mathcal{O}(0; \{2^3, 5, 6, 30^4\})$	2040
30	$\mathcal{O}(0; \{3, 5, 6^2, 30^4\})$	8568
30	$\mathcal{O}(0; \{3^2, 10^2, 30^4\})$	18040
30	$\mathcal{O}(0; \{2, 6, 10^2, 30^4\})$	8200
30	$\mathcal{O}(0; \{2, 5, 10, 15, 30^4\})$	32760
30	$\mathcal{O}(0; \{2^3, 3, 30^5\})$	4488
30	$\mathcal{O}(0; \{3^2, 6, 30^5\})$	17544
30	$\mathcal{O}(0; \{2, 6^2, 30^5\})$	8568
31	$\mathcal{O}(1; \{31^5\})$	753299070
32	$\mathcal{O}(2; \{4, 32^2\})$	33554432
32	$\mathcal{O}(1; \{2^4, 4, 32^2\})$	32768
32	$\mathcal{O}(1; \{2, 4^3, 32^2\})$	131072
32	$\mathcal{O}(1; \{2^2, 8^2, 32^2\})$	262144
32	$\mathcal{O}(1; \{8, 16^2, 32^2\})$	4194304
32	$\mathcal{O}(0; \{2^8, 4, 32^2\})$	32
32	$\mathcal{O}(0; \{2^5, 4^3, 32^2\})$	128
32	$\mathcal{O}(0; \{2^2, 4^5, 32^2\})$	512
32	$\mathcal{O}(0; \{2^6, 8^2, 32^2\})$	256
32	$\mathcal{O}(0; \{2^3, 4^2, 8^2, 32^2\})$	1024
32	$\mathcal{O}(0; \{4^4, 8^2, 32^2\})$	4096
32	$\mathcal{O}(0; \{2, 4, 8^4, 32^2\})$	8192
32	$\mathcal{O}(0; \{2^4, 8, 16^2, 32^2\})$	4096
32	$\mathcal{O}(0; \{2, 4^2, 8, 16^2, 32^2\})$	16384
32	$\mathcal{O}(0; \{2^2, 16^4, 32^2\})$	65536
32	$\mathcal{O}(0; \{2^2, 8, 16, 32^4\})$	131072
32	$\mathcal{O}(0; \{16^3, 32^4\})$	2097152
32	$\mathcal{O}(0; \{8, 32^6\})$	4194304
33	$\mathcal{O}(2; \{3, 11, 33\})$	23718420
33	$\mathcal{O}(1; \{11^5\})$	8799120
33	$\mathcal{O}(1; \{3^4, 11, 33\})$	108900
33	$\mathcal{O}(1; \{3, 33^4\})$	9909900
33	$\mathcal{O}(0; \{3^3, 11^5\})$	18180
33	$\mathcal{O}(0; \{3^7, 11, 33\})$	860

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
33	$\mathcal{O}(0; \{11^4, 33^3\})$	1818180
33	$\mathcal{O}(0; \{3^4, 33^4\})$	78260
34	$\mathcal{O}(2; \{2, 17, 34\})$	21381376
34	$\mathcal{O}(1; \{2^5, 17, 34\})$	18496
34	$\mathcal{O}(1; \{2^3, 34^3\})$	277440
34	$\mathcal{O}(0; \{2^9, 17, 34\})$	16
34	$\mathcal{O}(0; \{2^7, 34^3\})$	240
35	$\mathcal{O}(1; \{7^5\})$	1305360
35	$\mathcal{O}(1; \{5^2, 7^2, 35\})$	441000
35	$\mathcal{O}(0; \{5, 7^3, 35^3\})$	346632
35	$\mathcal{O}(0; \{5^3, 35^4\})$	609336
36	$\mathcal{O}(1; \{3^4, 4^2\})$	13824
36	$\mathcal{O}(1; \{2, 3^2, 4^2, 6\})$	4608
36	$\mathcal{O}(1; \{2^2, 4^2, 6^2\})$	4608
36	$\mathcal{O}(1; \{4^2, 9^3\})$	46656
36	$\mathcal{O}(1; \{2, 3^3, 4, 12\})$	13824
36	$\mathcal{O}(1; \{2^2, 3, 4, 6, 12\})$	4608
36	$\mathcal{O}(1; \{4, 6^3, 12\})$	13824
36	$\mathcal{O}(1; \{2^2, 3^2, 12^2\})$	13824
36	$\mathcal{O}(1; \{2^3, 6, 12^2\})$	4608
36	$\mathcal{O}(1; \{4^2, 6, 12^2\})$	18432
36	$\mathcal{O}(1; \{3, 6^2, 12^2\})$	23040
36	$\mathcal{O}(1; \{3, 4, 12^3\})$	55296
36	$\mathcal{O}(1; \{2, 12^4\})$	55296
36	$\mathcal{O}(1; \{4^2, 6, 9, 18\})$	31104
36	$\mathcal{O}(1; \{3, 4, 9, 12, 18\})$	62208
36	$\mathcal{O}(1; \{2, 9, 12^2, 18\})$	62208
36	$\mathcal{O}(1; \{3, 4, 9^2, 36\})$	93312
36	$\mathcal{O}(1; \{2, 9^2, 12, 36\})$	93312
36	$\mathcal{O}(1; \{2^3, 4, 18, 36\})$	15552
36	$\mathcal{O}(1; \{4^3, 18, 36\})$	62208
36	$\mathcal{O}(1; \{3, 4, 6, 18, 36\})$	62208
36	$\mathcal{O}(1; \{3^2, 12, 18, 36\})$	124416
36	$\mathcal{O}(1; \{2, 6, 12, 18, 36\})$	62208
36	$\mathcal{O}(1; \{3^2, 9, 36^2\})$	186624
36	$\mathcal{O}(1; \{2, 6, 9, 36^2\})$	93312
36	$\mathcal{O}(1; \{2, 4, 36^3\})$	186624
36	$\mathcal{O}(0; \{2^4, 4^2, 9^3\})$	36
36	$\mathcal{O}(0; \{3^3, 4^2, 9^3\})$	288
36	$\mathcal{O}(0; \{2, 4^4, 9^3\})$	144
36	$\mathcal{O}(0; \{2, 3, 4^2, 6, 9^3\})$	144
36	$\mathcal{O}(0; \{2, 3^2, 4, 9^3, 12\})$	288
36	$\mathcal{O}(0; \{2^2, 4, 6, 9^3, 12\})$	144

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2^2, 3, 9^3, 12^2\})$	288
36	$\mathcal{O}(0; \{6^2, 9^3, 12^2\})$	576
36	$\mathcal{O}(0; \{4, 9^3, 12^3\})$	1152
36	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 9, 18\})$	48
36	$\mathcal{O}(0; \{3^2, 4^4, 9, 18\})$	192
36	$\mathcal{O}(0; \{2^4, 4^2, 6, 9, 18\})$	24
36	$\mathcal{O}(0; \{3^3, 4^2, 6, 9, 18\})$	192
36	$\mathcal{O}(0; \{2, 4^4, 6, 9, 18\})$	96
36	$\mathcal{O}(0; \{2, 3, 4^2, 6^2, 9, 18\})$	96
36	$\mathcal{O}(0; \{2^4, 3, 4, 9, 12, 18\})$	48
36	$\mathcal{O}(0; \{3^4, 4, 9, 12, 18\})$	384
36	$\mathcal{O}(0; \{2, 3, 4^3, 9, 12, 18\})$	192
36	$\mathcal{O}(0; \{2, 3^2, 4, 6, 9, 12, 18\})$	192
36	$\mathcal{O}(0; \{2^2, 4, 6^2, 9, 12, 18\})$	96
36	$\mathcal{O}(0; \{4, 9^4, 12, 18\})$	3240
36	$\mathcal{O}(0; \{2^5, 9, 12^2, 18\})$	48
36	$\mathcal{O}(0; \{2, 3^3, 9, 12^2, 18\})$	384
36	$\mathcal{O}(0; \{2^2, 4^2, 9, 12^2, 18\})$	192
36	$\mathcal{O}(0; \{2^2, 3, 6, 9, 12^2, 18\})$	192
36	$\mathcal{O}(0; \{6^3, 9, 12^2, 18\})$	384
36	$\mathcal{O}(0; \{4, 6, 9, 12^3, 18\})$	768
36	$\mathcal{O}(0; \{3, 9, 12^4, 18\})$	1536
36	$\mathcal{O}(0; \{2^2, 4^2, 9^2, 18^2\})$	324
36	$\mathcal{O}(0; \{4, 6, 9^2, 12, 18^2\})$	1296
36	$\mathcal{O}(0; \{3, 9^2, 12^2, 18^2\})$	2592
36	$\mathcal{O}(0; \{2, 3^2, 4^2, 18^3\})$	144
36	$\mathcal{O}(0; \{2^2, 4^2, 6, 18^3\})$	72
36	$\mathcal{O}(0; \{2^2, 3, 4, 12, 18^3\})$	144
36	$\mathcal{O}(0; \{4, 6^2, 12, 18^3\})$	288
36	$\mathcal{O}(0; \{2^3, 12^2, 18^3\})$	144
36	$\mathcal{O}(0; \{4^2, 12^2, 18^3\})$	576
36	$\mathcal{O}(0; \{3, 6, 12^2, 18^3\})$	576
36	$\mathcal{O}(0; \{4^2, 9, 18^4\})$	1620
36	$\mathcal{O}(0; \{2^4, 3, 4, 9^2, 36\})$	72
36	$\mathcal{O}(0; \{3^4, 4, 9^2, 36\})$	576
36	$\mathcal{O}(0; \{2, 3, 4^3, 9^2, 36\})$	288
36	$\mathcal{O}(0; \{2, 3^2, 4, 6, 9^2, 36\})$	288
36	$\mathcal{O}(0; \{2^2, 4, 6^2, 9^2, 36\})$	144
36	$\mathcal{O}(0; \{4, 9^5, 36\})$	10692
36	$\mathcal{O}(0; \{2^5, 9^2, 12, 36\})$	72
36	$\mathcal{O}(0; \{2, 3^3, 9^2, 12, 36\})$	576
36	$\mathcal{O}(0; \{2^2, 4^2, 9^2, 12, 36\})$	288
36	$\mathcal{O}(0; \{2^2, 3, 6, 9^2, 12, 36\})$	288

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{6^3, 9^2, 12, 36\})$	576
36	$\mathcal{O}(0; \{4, 6, 9^2, 12^2, 36\})$	1152
36	$\mathcal{O}(0; \{3, 9^2, 12^3, 36\})$	2304
36	$\mathcal{O}(0; \{2^7, 4, 18, 36\})$	12
36	$\mathcal{O}(0; \{2^3, 3^3, 4, 18, 36\})$	96
36	$\mathcal{O}(0; \{2^4, 4^3, 18, 36\})$	48
36	$\mathcal{O}(0; \{3^3, 4^3, 18, 36\})$	384
36	$\mathcal{O}(0; \{2, 4^5, 18, 36\})$	192
36	$\mathcal{O}(0; \{2^4, 3, 4, 6, 18, 36\})$	48
36	$\mathcal{O}(0; \{3^4, 4, 6, 18, 36\})$	384
36	$\mathcal{O}(0; \{2, 3, 4^3, 6, 18, 36\})$	192
36	$\mathcal{O}(0; \{2, 3^2, 4, 6^2, 18, 36\})$	192
36	$\mathcal{O}(0; \{2^2, 4, 6^3, 18, 36\})$	96
36	$\mathcal{O}(0; \{4, 6, 9^3, 18, 36\})$	3240
36	$\mathcal{O}(0; \{2^4, 3^2, 12, 18, 36\})$	96
36	$\mathcal{O}(0; \{3^5, 12, 18, 36\})$	768
36	$\mathcal{O}(0; \{2, 3^2, 4^2, 12, 18, 36\})$	384
36	$\mathcal{O}(0; \{2^5, 6, 12, 18, 36\})$	48
36	$\mathcal{O}(0; \{2, 3^3, 6, 12, 18, 36\})$	384
36	$\mathcal{O}(0; \{2^2, 4^2, 6, 12, 18, 36\})$	192
36	$\mathcal{O}(0; \{2^2, 3, 6^2, 12, 18, 36\})$	192
36	$\mathcal{O}(0; \{6^4, 12, 18, 36\})$	384
36	$\mathcal{O}(0; \{3, 9^3, 12, 18, 36\})$	6480
36	$\mathcal{O}(0; \{2^2, 3, 4, 12^2, 18, 36\})$	384
36	$\mathcal{O}(0; \{4, 6^2, 12^2, 18, 36\})$	768
36	$\mathcal{O}(0; \{2^3, 12^3, 18, 36\})$	384
36	$\mathcal{O}(0; \{4^2, 12^3, 18, 36\})$	1536
36	$\mathcal{O}(0; \{3, 6, 12^3, 18, 36\})$	1536
36	$\mathcal{O}(0; \{2^2, 3, 4, 9, 18^2, 36\})$	648
36	$\mathcal{O}(0; \{4, 6^2, 9, 18^2, 36\})$	1296
36	$\mathcal{O}(0; \{2^3, 9, 12, 18^2, 36\})$	648
36	$\mathcal{O}(0; \{4^2, 9, 12, 18^2, 36\})$	2592
36	$\mathcal{O}(0; \{3, 6, 9, 12, 18^2, 36\})$	2592
36	$\mathcal{O}(0; \{3, 4, 18^4, 36\})$	3240
36	$\mathcal{O}(0; \{2, 12, 18^4, 36\})$	3240
36	$\mathcal{O}(0; \{2^4, 3^2, 9, 36^2\})$	144
36	$\mathcal{O}(0; \{3^5, 9, 36^2\})$	1152
36	$\mathcal{O}(0; \{2, 3^2, 4^2, 9, 36^2\})$	576
36	$\mathcal{O}(0; \{2^5, 6, 9, 36^2\})$	72
36	$\mathcal{O}(0; \{2, 3^3, 6, 9, 36^2\})$	576
36	$\mathcal{O}(0; \{2^2, 4^2, 6, 9, 36^2\})$	288
36	$\mathcal{O}(0; \{2^2, 3, 6^2, 9, 36^2\})$	288
36	$\mathcal{O}(0; \{6^4, 9, 36^2\})$	576

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{3, 9^4, 36^2\})$	21384
36	$\mathcal{O}(0; \{2^2, 3, 4, 9, 12, 36^2\})$	576
36	$\mathcal{O}(0; \{4, 6^2, 9, 12, 36^2\})$	1152
36	$\mathcal{O}(0; \{2^3, 9, 12^2, 36^2\})$	576
36	$\mathcal{O}(0; \{4^2, 9, 12^2, 36^2\})$	2304
36	$\mathcal{O}(0; \{3, 6, 9, 12^2, 36^2\})$	2304
36	$\mathcal{O}(0; \{2^3, 9^2, 18, 36^2\})$	1620
36	$\mathcal{O}(0; \{4^2, 9^2, 18, 36^2\})$	6480
36	$\mathcal{O}(0; \{3, 6, 9^2, 18, 36^2\})$	6480
36	$\mathcal{O}(0; \{2^2, 3^2, 18^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{2^3, 6, 18^2, 36^2\})$	648
36	$\mathcal{O}(0; \{4^2, 6, 18^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{3, 6^2, 18^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{3, 4, 12, 18^2, 36^2\})$	5184
36	$\mathcal{O}(0; \{2, 12^2, 18^2, 36^2\})$	5184
36	$\mathcal{O}(0; \{2, 9, 18^3, 36^2\})$	10692
36	$\mathcal{O}(0; \{2^5, 4, 36^3\})$	144
36	$\mathcal{O}(0; \{2, 3^3, 4, 36^3\})$	1152
36	$\mathcal{O}(0; \{2^2, 4^3, 36^3\})$	576
36	$\mathcal{O}(0; \{2^2, 3, 4, 6, 36^3\})$	576
36	$\mathcal{O}(0; \{4, 6^3, 36^3\})$	1152
36	$\mathcal{O}(0; \{2^2, 3^2, 12, 36^3\})$	1152
36	$\mathcal{O}(0; \{2^3, 6, 12, 36^3\})$	576
36	$\mathcal{O}(0; \{4^2, 6, 12, 36^3\})$	2304
36	$\mathcal{O}(0; \{3, 6^2, 12, 36^3\})$	2304
36	$\mathcal{O}(0; \{3, 4, 12^2, 36^3\})$	4608
36	$\mathcal{O}(0; \{2, 12^3, 36^3\})$	4608
36	$\mathcal{O}(0; \{3, 4, 9, 18, 36^3\})$	12960
36	$\mathcal{O}(0; \{2, 9, 12, 18, 36^3\})$	12960
36	$\mathcal{O}(0; \{2, 9^2, 36^4\})$	42768
36	$\mathcal{O}(0; \{3^2, 18, 36^4\})$	25920
36	$\mathcal{O}(0; \{2, 6, 18, 36^4\})$	12960
38	$\mathcal{O}(2; \{38^2\})$	37532448
38	$\mathcal{O}(1; \{2^4, 38^2\})$	25992
38	$\mathcal{O}(0; \{2^8, 38^2\})$	18
39	$\mathcal{O}(2; \{13^2\})$	27418560
39	$\mathcal{O}(1; \{3^3, 13^2\})$	36504
39	$\mathcal{O}(1; \{13, 39^3\})$	4855032
39	$\mathcal{O}(0; \{3^6, 13^2\})$	264
39	$\mathcal{O}(0; \{3^3, 13, 39^3\})$	35112
39	$\mathcal{O}(0; \{39^6\})$	5053224
40	$\mathcal{O}(2; \{8^2\})$	10223616
40	$\mathcal{O}(1; \{2^4, 8^2\})$	6144

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(1; \{2, 4^2, 8^2\})$	24576
40	$\mathcal{O}(1; \{2^2, 8, 10, 40\})$	25600
40	$\mathcal{O}(1; \{8, 20^2, 40\})$	307200
40	$\mathcal{O}(1; \{2^2, 5, 40^2\})$	76800
40	$\mathcal{O}(1; \{10^2, 40^2\})$	332800
40	$\mathcal{O}(0; \{5^5, 8^2\})$	816
40	$\mathcal{O}(0; \{2^3, 5^2, 8^2, 10\})$	48
40	$\mathcal{O}(0; \{4^2, 5^2, 8^2, 10\})$	192
40	$\mathcal{O}(0; \{2, 5, 8^2, 10^3\})$	208
40	$\mathcal{O}(0; \{2^3, 4, 5, 8^2, 20\})$	64
40	$\mathcal{O}(0; \{4^3, 5, 8^2, 20\})$	256
40	$\mathcal{O}(0; \{2, 5, 8^4, 20\})$	512
40	$\mathcal{O}(0; \{2, 4, 8^2, 10^2, 20\})$	192
40	$\mathcal{O}(0; \{2, 5^2, 8^2, 20^2\})$	832
40	$\mathcal{O}(0; \{2^3, 5^3, 8, 40\})$	208
40	$\mathcal{O}(0; \{4^2, 5^3, 8, 40\})$	832
40	$\mathcal{O}(0; \{2^6, 8, 10, 40\})$	16
40	$\mathcal{O}(0; \{2^3, 4^2, 8, 10, 40\})$	64
40	$\mathcal{O}(0; \{4^4, 8, 10, 40\})$	256
40	$\mathcal{O}(0; \{2, 4, 8^3, 10, 40\})$	512
40	$\mathcal{O}(0; \{2, 5^2, 8, 10^2, 40\})$	816
40	$\mathcal{O}(0; \{2, 4, 5, 8, 10, 20, 40\})$	832
40	$\mathcal{O}(0; \{2^4, 8, 20^2, 40\})$	192
40	$\mathcal{O}(0; \{2, 4^2, 8, 20^2, 40\})$	768
40	$\mathcal{O}(0; \{2^6, 5, 40^2\})$	48
40	$\mathcal{O}(0; \{2^3, 4^2, 5, 40^2\})$	192
40	$\mathcal{O}(0; \{4^4, 5, 40^2\})$	768
40	$\mathcal{O}(0; \{2, 4, 5, 8^2, 40^2\})$	1536
40	$\mathcal{O}(0; \{2, 5^3, 10, 40^2\})$	3280
40	$\mathcal{O}(0; \{2^4, 10^2, 40^2\})$	208
40	$\mathcal{O}(0; \{2, 4^2, 10^2, 40^2\})$	832
40	$\mathcal{O}(0; \{2, 4, 5^2, 20, 40^2\})$	3264
40	$\mathcal{O}(0; \{2^2, 10, 20^2, 40^2\})$	3264
40	$\mathcal{O}(0; \{20^4, 40^2\})$	52480
40	$\mathcal{O}(0; \{2^2, 8, 20, 40^3\})$	6656
40	$\mathcal{O}(0; \{10, 20, 40^4\})$	104960
40	$\mathcal{O}(0; \{8, 40^5\})$	208896
42	$\mathcal{O}(1; \{2^2, 7^3\})$	47040
42	$\mathcal{O}(1; \{7^2, 14^2\})$	291648
42	$\mathcal{O}(1; \{6, 7, 14, 21\})$	105840
42	$\mathcal{O}(1; \{2^2, 3, 21^2\})$	21168
42	$\mathcal{O}(1; \{6^2, 21^2\})$	63504
42	$\mathcal{O}(1; \{2^2, 3, 14, 42\})$	21168

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(1; \{6^2, 14, 42\})$	21168
42	$\mathcal{O}(1; \{3, 21, 42^2\})$	317520
42	$\mathcal{O}(0; \{2^2, 3^3, 7^3\})$	60
42	$\mathcal{O}(0; \{2^3, 3, 6, 7^3\})$	60
42	$\mathcal{O}(0; \{3^2, 6^2, 7^3\})$	180
42	$\mathcal{O}(0; \{2, 6^3, 7^3\})$	60
42	$\mathcal{O}(0; \{3^3, 7^2, 14^2\})$	372
42	$\mathcal{O}(0; \{2, 3, 6, 7^2, 14^2\})$	372
42	$\mathcal{O}(0; \{2^3, 3^2, 7, 14, 21\})$	60
42	$\mathcal{O}(0; \{2^4, 6, 7, 14, 21\})$	60
42	$\mathcal{O}(0; \{3^3, 6, 7, 14, 21\})$	300
42	$\mathcal{O}(0; \{2, 3, 6^2, 7, 14, 21\})$	180
42	$\mathcal{O}(0; \{2, 3^2, 14^3, 21\})$	372
42	$\mathcal{O}(0; \{2^2, 6, 14^3, 21\})$	372
42	$\mathcal{O}(0; \{2^6, 3, 21^2\})$	12
42	$\mathcal{O}(0; \{2^2, 3^4, 21^2\})$	132
42	$\mathcal{O}(0; \{2^3, 3^2, 6, 21^2\})$	60
42	$\mathcal{O}(0; \{2^4, 6^2, 21^2\})$	36
42	$\mathcal{O}(0; \{3^3, 6^2, 21^2\})$	252
42	$\mathcal{O}(0; \{2, 3, 6^3, 21^2\})$	132
42	$\mathcal{O}(0; \{2^2, 7^2, 21^3\})$	2220
42	$\mathcal{O}(0; \{7, 14^2, 21^3\})$	13332
42	$\mathcal{O}(0; \{6, 14, 21^4\})$	11100
42	$\mathcal{O}(0; \{2, 3, 7^4, 42\})$	2220
42	$\mathcal{O}(0; \{2^6, 3, 14, 42\})$	12
42	$\mathcal{O}(0; \{2^2, 3^4, 14, 42\})$	60
42	$\mathcal{O}(0; \{2^3, 3^2, 6, 14, 42\})$	36
42	$\mathcal{O}(0; \{2^4, 6^2, 14, 42\})$	12
42	$\mathcal{O}(0; \{3^3, 6^2, 14, 42\})$	132
42	$\mathcal{O}(0; \{2, 3, 6^3, 14, 42\})$	60
42	$\mathcal{O}(0; \{2^2, 7^2, 14, 21, 42\})$	2220
42	$\mathcal{O}(0; \{7, 14^3, 21, 42\})$	13332
42	$\mathcal{O}(0; \{2, 3^2, 7, 21^2, 42\})$	1860
42	$\mathcal{O}(0; \{2^2, 6, 7, 21^2, 42\})$	1116
42	$\mathcal{O}(0; \{6, 14^2, 21^2, 42\})$	6660
42	$\mathcal{O}(0; \{2, 3^2, 7, 14, 42^2\})$	1116
42	$\mathcal{O}(0; \{2^2, 6, 7, 14, 42^2\})$	372
42	$\mathcal{O}(0; \{6, 14^3, 42^2\})$	2220
42	$\mathcal{O}(0; \{2^4, 3, 21, 42^2\})$	180
42	$\mathcal{O}(0; \{3^4, 21, 42^2\})$	1260
42	$\mathcal{O}(0; \{2, 3^2, 6, 21, 42^2\})$	660
42	$\mathcal{O}(0; \{2^2, 6^2, 21, 42^2\})$	300
42	$\mathcal{O}(0; \{7^2, 21^2, 42^2\})$	39996

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{7^2, 14, 42^3\})$	13332
42	$\mathcal{O}(0; \{6, 7, 21, 42^3\})$	11100
42	$\mathcal{O}(0; \{2^2, 3, 42^4\})$	1860
42	$\mathcal{O}(0; \{6^2, 42^4\})$	4092
44	$\mathcal{O}(1; \{4^2, 22^2\})$	38720
44	$\mathcal{O}(1; \{2, 22, 44^2\})$	348480
44	$\mathcal{O}(0; \{2^4, 4^2, 22^2\})$	20
44	$\mathcal{O}(0; \{2, 4^4, 22^2\})$	80
44	$\mathcal{O}(0; \{4, 11^3, 22, 44\})$	18180
44	$\mathcal{O}(0; \{2^5, 22, 44^2\})$	180
44	$\mathcal{O}(0; \{2^2, 4^2, 22, 44^2\})$	720
44	$\mathcal{O}(0; \{2^3, 44^4\})$	7280
44	$\mathcal{O}(0; \{4^2, 44^4\})$	29120
45	$\mathcal{O}(2; \{3^2\})$	8087040
45	$\mathcal{O}(1; \{3^5\})$	17280
45	$\mathcal{O}(1; \{3, 9^3\})$	69984
45	$\mathcal{O}(1; \{3, 5, 15^2\})$	43200
45	$\mathcal{O}(1; \{3, 5, 9, 45\})$	97200
45	$\mathcal{O}(0; \{5, 9^3, 15^2\})$	864
45	$\mathcal{O}(0; \{3^4, 5, 9, 45\})$	384
45	$\mathcal{O}(0; \{5, 9^4, 45\})$	3240
45	$\mathcal{O}(0; \{5^2, 9, 15^2, 45\})$	4896
45	$\mathcal{O}(0; \{3, 9, 15^3, 45\})$	4992
45	$\mathcal{O}(0; \{5^2, 9^2, 45^2\})$	8424
45	$\mathcal{O}(0; \{3, 9^2, 15, 45^2\})$	7776
45	$\mathcal{O}(0; \{5^3, 45^3\})$	14760
45	$\mathcal{O}(0; \{3, 5, 15, 45^3\})$	14688
48	$\mathcal{O}(1; \{2, 4, 16^2\})$	32768
48	$\mathcal{O}(1; \{2, 3, 48^2\})$	36864
48	$\mathcal{O}(0; \{2, 3^3, 4, 16^2\})$	32
48	$\mathcal{O}(0; \{2^2, 3, 4, 6, 16^2\})$	32
48	$\mathcal{O}(0; \{4, 6^3, 16^2\})$	32
48	$\mathcal{O}(0; \{3, 6, 8^2, 16^2\})$	256
48	$\mathcal{O}(0; \{2^2, 3^2, 12, 16^2\})$	32
48	$\mathcal{O}(0; \{2^3, 6, 12, 16^2\})$	32
48	$\mathcal{O}(0; \{4^2, 6, 12, 16^2\})$	128
48	$\mathcal{O}(0; \{3, 6^2, 12, 16^2\})$	96
48	$\mathcal{O}(0; \{3, 4, 12^2, 16^2\})$	128
48	$\mathcal{O}(0; \{2, 12^3, 16^2\})$	128
48	$\mathcal{O}(0; \{3, 4, 8, 16^2, 24\})$	512
48	$\mathcal{O}(0; \{2, 8, 12, 16^2, 24\})$	512
48	$\mathcal{O}(0; \{3^2, 16^2, 24^2\})$	768
48	$\mathcal{O}(0; \{2, 6, 16^2, 24^2\})$	256

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{2^2, 3^2, 8, 16, 48\})$	64
48	$\mathcal{O}(0; \{2^3, 6, 8, 16, 48\})$	64
48	$\mathcal{O}(0; \{4^2, 6, 8, 16, 48\})$	256
48	$\mathcal{O}(0; \{3, 6^2, 8, 16, 48\})$	192
48	$\mathcal{O}(0; \{3, 4, 8, 12, 16, 48\})$	256
48	$\mathcal{O}(0; \{2, 8, 12^2, 16, 48\})$	256
48	$\mathcal{O}(0; \{3^2, 16^3, 48\})$	1024
48	$\mathcal{O}(0; \{2, 6, 16^3, 48\})$	1024
48	$\mathcal{O}(0; \{2^3, 4, 16, 24, 48\})$	128
48	$\mathcal{O}(0; \{4^3, 16, 24, 48\})$	512
48	$\mathcal{O}(0; \{3, 4, 6, 16, 24, 48\})$	384
48	$\mathcal{O}(0; \{2, 8^2, 16, 24, 48\})$	1024
48	$\mathcal{O}(0; \{3^2, 12, 16, 24, 48\})$	640
48	$\mathcal{O}(0; \{2, 6, 12, 16, 24, 48\})$	384
48	$\mathcal{O}(0; \{2^5, 3, 48^2\})$	16
48	$\mathcal{O}(0; \{2, 3^4, 48^2\})$	176
48	$\mathcal{O}(0; \{2^2, 3, 4^2, 48^2\})$	64
48	$\mathcal{O}(0; \{2^2, 3^2, 6, 48^2\})$	80
48	$\mathcal{O}(0; \{2^3, 6^2, 48^2\})$	48
48	$\mathcal{O}(0; \{4^2, 6^2, 48^2\})$	192
48	$\mathcal{O}(0; \{3, 6^3, 48^2\})$	176
48	$\mathcal{O}(0; \{3, 4, 8^2, 48^2\})$	512
48	$\mathcal{O}(0; \{2^3, 4, 12, 48^2\})$	64
48	$\mathcal{O}(0; \{4^3, 12, 48^2\})$	256
48	$\mathcal{O}(0; \{3, 4, 6, 12, 48^2\})$	320
48	$\mathcal{O}(0; \{2, 8^2, 12, 48^2\})$	512
48	$\mathcal{O}(0; \{3^2, 12^2, 48^2\})$	704
48	$\mathcal{O}(0; \{2, 6, 12^2, 48^2\})$	320
48	$\mathcal{O}(0; \{3^2, 8, 24, 48^2\})$	1280
48	$\mathcal{O}(0; \{2, 6, 8, 24, 48^2\})$	768
48	$\mathcal{O}(0; \{2, 4, 24^2, 48^2\})$	1536
48	$\mathcal{O}(0; \{2, 4, 16, 48^3\})$	2048
50	$\mathcal{O}(2; \{2^2\})$	6240000
50	$\mathcal{O}(1; \{2^6\})$	2400
50	$\mathcal{O}(1; \{2, 5^2, 10\})$	28800
50	$\mathcal{O}(0; \{2, 5^2, 25^2, 50\})$	4800
51	$\mathcal{O}(1; \{51^3\})$	1248480
51	$\mathcal{O}(0; \{3^3, 51^3\})$	5280
52	$\mathcal{O}(1; \{13, 52^2\})$	713856
52	$\mathcal{O}(0; \{2^3, 4^2, 13, 26\})$	24
52	$\mathcal{O}(0; \{4^4, 13, 26\})$	96
52	$\mathcal{O}(0; \{2, 4^2, 26^3\})$	264
52	$\mathcal{O}(0; \{2^4, 13, 52^2\})$	264

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
52	$\mathcal{O}(0; \{2, 4^2, 13, 52^2\})$	1056
52	$\mathcal{O}(0; \{2^2, 26^2, 52^2\})$	3192
52	$\mathcal{O}(0; \{26, 52^4\})$	153120
54	$\mathcal{O}(1; \{2^2, 9^2\})$	15552
54	$\mathcal{O}(1; \{9, 18^2\})$	46656
54	$\mathcal{O}(1; \{6, 27, 54\})$	104976
54	$\mathcal{O}(0; \{2^2, 9, 27^3\})$	972
54	$\mathcal{O}(0; \{18^2, 27^3\})$	5832
54	$\mathcal{O}(0; \{2^3, 3^2, 27, 54\})$	72
54	$\mathcal{O}(0; \{2^4, 6, 27, 54\})$	36
54	$\mathcal{O}(0; \{3^3, 6, 27, 54\})$	288
54	$\mathcal{O}(0; \{2, 3, 6^2, 27, 54\})$	144
54	$\mathcal{O}(0; \{2^2, 9, 18, 27, 54\})$	648
54	$\mathcal{O}(0; \{18^3, 27, 54\})$	3888
54	$\mathcal{O}(0; \{9, 27^2, 54^2\})$	26244
54	$\mathcal{O}(0; \{2, 3^2, 54^3\})$	648
54	$\mathcal{O}(0; \{2^2, 6, 54^3\})$	324
54	$\mathcal{O}(0; \{9, 18, 54^3\})$	5832
55	$\mathcal{O}(1; \{11^3\})$	261360
55	$\mathcal{O}(0; \{5, 55^4\})$	185640
56	$\mathcal{O}(0; \{2^2, 8^2, 28^2\})$	96
56	$\mathcal{O}(0; \{2^2, 7, 8, 28, 56\})$	240
56	$\mathcal{O}(0; \{8, 14^2, 28, 56\})$	1488
56	$\mathcal{O}(0; \{2^2, 7^2, 56^2\})$	744
56	$\mathcal{O}(0; \{7, 14^2, 56^2\})$	4440
56	$\mathcal{O}(0; \{2^2, 4, 28, 56^2\})$	480
56	$\mathcal{O}(0; \{8^2, 28, 56^2\})$	3840
56	$\mathcal{O}(0; \{7, 8, 56^3\})$	11904
56	$\mathcal{O}(0; \{4, 56^4\})$	23808
57	$\mathcal{O}(1; \{3, 57^2\})$	116964
57	$\mathcal{O}(0; \{3^4, 57^2\})$	396
60	$\mathcal{O}(1; \{2^2, 4^2\})$	6144
60	$\mathcal{O}(1; \{4, 6, 12\})$	13824
60	$\mathcal{O}(1; \{3, 12^2\})$	13824
60	$\mathcal{O}(1; \{4, 5, 20\})$	25600
60	$\mathcal{O}(0; \{2, 3, 4^2, 10, 15\})$	16
60	$\mathcal{O}(0; \{2^2, 4, 10, 12, 15\})$	16
60	$\mathcal{O}(0; \{6, 10, 12^2, 15\})$	48
60	$\mathcal{O}(0; \{5, 12^2, 15^2\})$	144
60	$\mathcal{O}(0; \{3^3, 4, 5, 20\})$	16
60	$\mathcal{O}(0; \{2, 3, 4, 5, 6, 20\})$	16
60	$\mathcal{O}(0; \{2, 3^2, 5, 12, 20\})$	16
60	$\mathcal{O}(0; \{2^2, 5, 6, 12, 20\})$	16

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{6, 10^2, 12, 20\})$	48
60	$\mathcal{O}(0; \{5, 12^3, 20\})$	64
60	$\mathcal{O}(0; \{5, 10, 12, 15, 20\})$	208
60	$\mathcal{O}(0; \{4, 15^3, 20\})$	208
60	$\mathcal{O}(0; \{2^2, 3, 15, 20^2\})$	48
60	$\mathcal{O}(0; \{6^2, 15, 20^2\})$	48
60	$\mathcal{O}(0; \{4, 12, 15, 20^2\})$	192
60	$\mathcal{O}(0; \{5, 10, 12^2, 30\})$	48
60	$\mathcal{O}(0; \{4, 12, 15^2, 30\})$	144
60	$\mathcal{O}(0; \{2, 3^2, 4, 20, 30\})$	16
60	$\mathcal{O}(0; \{2^2, 4, 6, 20, 30\})$	16
60	$\mathcal{O}(0; \{2^2, 3, 12, 20, 30\})$	16
60	$\mathcal{O}(0; \{6^2, 12, 20, 30\})$	48
60	$\mathcal{O}(0; \{4, 12^2, 20, 30\})$	64
60	$\mathcal{O}(0; \{4, 10, 15, 20, 30\})$	208
60	$\mathcal{O}(0; \{5, 6, 20^2, 30\})$	208
60	$\mathcal{O}(0; \{4, 10, 12, 30^2\})$	48
60	$\mathcal{O}(0; \{3, 20^2, 30^2\})$	208
60	$\mathcal{O}(0; \{2, 3, 4, 5^2, 60\})$	48
60	$\mathcal{O}(0; \{2^2, 5^2, 12, 60\})$	48
60	$\mathcal{O}(0; \{5, 10^2, 12, 60\})$	208
60	$\mathcal{O}(0; \{2, 3^2, 4, 15, 60\})$	48
60	$\mathcal{O}(0; \{2^2, 4, 6, 15, 60\})$	16
60	$\mathcal{O}(0; \{2^2, 3, 12, 15, 60\})$	48
60	$\mathcal{O}(0; \{6^2, 12, 15, 60\})$	80
60	$\mathcal{O}(0; \{4, 12^2, 15, 60\})$	192
60	$\mathcal{O}(0; \{4, 10, 15^2, 60\})$	208
60	$\mathcal{O}(0; \{2^2, 3, 10, 20, 60\})$	48
60	$\mathcal{O}(0; \{6^2, 10, 20, 60\})$	48
60	$\mathcal{O}(0; \{4, 10, 12, 20, 60\})$	192
60	$\mathcal{O}(0; \{5, 6, 15, 20, 60\})$	208
60	$\mathcal{O}(0; \{3, 20^3, 60\})$	832
60	$\mathcal{O}(0; \{2^2, 4, 5, 30, 60\})$	48
60	$\mathcal{O}(0; \{4, 10^2, 30, 60\})$	208
60	$\mathcal{O}(0; \{5, 6, 12, 30, 60\})$	144
60	$\mathcal{O}(0; \{5^2, 20, 30, 60\})$	816
60	$\mathcal{O}(0; \{3, 15, 20, 30, 60\})$	624
60	$\mathcal{O}(0; \{4, 6, 30^2, 60\})$	144
60	$\mathcal{O}(0; \{3, 12, 30^2, 60\})$	240
60	$\mathcal{O}(0; \{5, 6, 10, 60^2\})$	208
60	$\mathcal{O}(0; \{5^2, 15, 60^2\})$	816
60	$\mathcal{O}(0; \{3, 15^2, 60^2\})$	1040
60	$\mathcal{O}(0; \{4, 6, 20, 60^2\})$	192

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{3, 12, 20, 60^2\})$	576
60	$\mathcal{O}(0; \{3, 10, 30, 60^2\})$	624
60	$\mathcal{O}(0; \{4, 5, 60^3\})$	832
62	$\mathcal{O}(0; \{2^3, 31^2, 62\})$	870
62	$\mathcal{O}(0; \{2, 31, 62^3\})$	26130
63	$\mathcal{O}(0; \{7^2, 9^3\})$	108
63	$\mathcal{O}(0; \{3, 9^2, 21, 63\})$	432
63	$\mathcal{O}(0; \{3, 7, 9, 63^2\})$	1080
64	$\mathcal{O}(0; \{2^3, 8, 64^2\})$	128
64	$\mathcal{O}(0; \{4^2, 8, 64^2\})$	512
64	$\mathcal{O}(0; \{2, 16^2, 64^2\})$	2048
65	$\mathcal{O}(0; \{5^3, 13, 65\})$	624
66	$\mathcal{O}(0; \{3, 6, 11^2, 22\})$	180
66	$\mathcal{O}(0; \{2^2, 3^2, 33^2\})$	60
66	$\mathcal{O}(0; \{2^3, 6, 33^2\})$	20
66	$\mathcal{O}(0; \{3, 6^2, 33^2\})$	100
66	$\mathcal{O}(0; \{2^2, 3^2, 22, 66\})$	20
66	$\mathcal{O}(0; \{2^3, 6, 22, 66\})$	20
66	$\mathcal{O}(0; \{3, 6^2, 22, 66\})$	60
66	$\mathcal{O}(0; \{2, 11^2, 33, 66\})$	1820
66	$\mathcal{O}(0; \{3^2, 33, 66^2\})$	900
66	$\mathcal{O}(0; \{2, 6, 33, 66^2\})$	540
68	$\mathcal{O}(0; \{2^3, 4, 34, 68\})$	32
68	$\mathcal{O}(0; \{4^3, 34, 68\})$	128
68	$\mathcal{O}(0; \{2, 4, 68^3\})$	1920
70	$\mathcal{O}(0; \{2, 5, 10, 35^2\})$	312
70	$\mathcal{O}(0; \{2^3, 5, 7, 70\})$	24
70	$\mathcal{O}(0; \{2, 7, 10^2, 70\})$	72
70	$\mathcal{O}(0; \{2, 5, 14^2, 70\})$	120
72	$\mathcal{O}(0; \{2, 8^2, 9, 18\})$	24
72	$\mathcal{O}(0; \{3^2, 8, 9, 72\})$	96
72	$\mathcal{O}(0; \{2, 6, 8, 9, 72\})$	48
72	$\mathcal{O}(0; \{2, 4, 9, 24, 72\})$	96
72	$\mathcal{O}(0; \{2, 4, 8, 36, 72\})$	96
72	$\mathcal{O}(0; \{2, 3, 24, 36, 72\})$	192
72	$\mathcal{O}(0; \{2, 3, 18, 72^2\})$	144
75	$\mathcal{O}(2; \emptyset)$	31200000
75	$\mathcal{O}(1; \{3^3\})$	10800
76	$\mathcal{O}(1; \{76^2\})$	207936
76	$\mathcal{O}(0; \{2^4, 76^2\})$	36
76	$\mathcal{O}(0; \{2, 4^2, 76^2\})$	144
77	$\mathcal{O}(0; \{77^4\})$	169260
78	$\mathcal{O}(1; \{26^2\})$	64896

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
78	$\mathcal{O}(0; \{3^3, 26^2\})$	24
78	$\mathcal{O}(0; \{2, 3, 6, 26^2\})$	24
78	$\mathcal{O}(0; \{2^2, 39^3\})$	264
78	$\mathcal{O}(0; \{2^2, 26, 39, 78\})$	264
78	$\mathcal{O}(0; \{39^2, 78^2\})$	9576
78	$\mathcal{O}(0; \{26, 78^3\})$	3192
80	$\mathcal{O}(1; \{16^2\})$	49152
80	$\mathcal{O}(0; \{2^2, 16, 20, 80\})$	64
80	$\mathcal{O}(0; \{16, 40^2, 80\})$	1536
80	$\mathcal{O}(0; \{2^2, 10, 80^2\})$	96
80	$\mathcal{O}(0; \{20^2, 80^2\})$	1664
81	$\mathcal{O}(0; \{9, 81^3\})$	8748
84	$\mathcal{O}(0; \{12, 21^2, 28\})$	120
84	$\mathcal{O}(0; \{12, 14, 28, 42\})$	120
84	$\mathcal{O}(0; \{12^2, 42^2\})$	72
84	$\mathcal{O}(0; \{12, 14, 21, 84\})$	120
84	$\mathcal{O}(0; \{2, 3^2, 28, 84\})$	24
84	$\mathcal{O}(0; \{2^2, 6, 28, 84\})$	24
84	$\mathcal{O}(0; \{12^2, 28, 84\})$	96
84	$\mathcal{O}(0; \{7, 28, 42, 84\})$	744
84	$\mathcal{O}(0; \{7, 21, 84^2\})$	744
84	$\mathcal{O}(0; \{6, 42, 84^2\})$	360
85	$\mathcal{O}(0; \{5, 85^3\})$	12480
88	$\mathcal{O}(0; \{8^2, 44^2\})$	160
88	$\mathcal{O}(0; \{4, 44, 88^2\})$	1440
90	$\mathcal{O}(1; \{6^2\})$	13824
90	$\mathcal{O}(0; \{9, 10, 15, 18\})$	48
90	$\mathcal{O}(0; \{2^2, 5, 9, 45\})$	24
90	$\mathcal{O}(0; \{9, 10^2, 45\})$	72
90	$\mathcal{O}(0; \{5, 18^2, 45\})$	72
90	$\mathcal{O}(0; \{6, 9, 30, 45\})$	96
90	$\mathcal{O}(0; \{9^2, 10, 90\})$	72
90	$\mathcal{O}(0; \{6, 10, 18, 90\})$	48
90	$\mathcal{O}(0; \{5, 15, 18, 90\})$	144
90	$\mathcal{O}(0; \{5, 10, 45, 90\})$	312
90	$\mathcal{O}(0; \{5, 9, 90^2\})$	216
93	$\mathcal{O}(0; \{3, 31, 93^2\})$	1740
95	$\mathcal{O}(0; \{5^2, 95^2\})$	936
96	$\mathcal{O}(0; \{3, 24, 32^2\})$	128
96	$\mathcal{O}(0; \{3, 16, 32, 96\})$	256
96	$\mathcal{O}(0; \{4, 6, 96^2\})$	64
96	$\mathcal{O}(0; \{3, 12, 96^2\})$	192
99	$\mathcal{O}(0; \{3, 9, 33, 99\})$	240

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
100	$\mathcal{O}(1; \{4^2\})$	19200
100	$\mathcal{O}(0; \{4, 5, 25, 100\})$	160
102	$\mathcal{O}(0; \{2^3, 51, 102\})$	32
102	$\mathcal{O}(0; \{3, 6, 51, 102\})$	96
102	$\mathcal{O}(0; \{2, 102^3\})$	480
104	$\mathcal{O}(0; \{2, 26, 104^2\})$	528
105	$\mathcal{O}(0; \{3, 7, 15, 35\})$	48
105	$\mathcal{O}(0; \{3, 5, 35, 105\})$	144
108	$\mathcal{O}(0; \{3, 4, 54, 108\})$	72
108	$\mathcal{O}(0; \{2, 12, 54, 108\})$	72
110	$\mathcal{O}(0; \{2, 10, 55^2\})$	120
112	$\mathcal{O}(0; \{2, 7, 112^2\})$	240
114	$\mathcal{O}(0; \{3^2, 114^2\})$	108
114	$\mathcal{O}(0; \{2, 6, 114^2\})$	36
120	$\mathcal{O}(0; \{2, 5, 24, 120\})$	32
124	$\mathcal{O}(0; \{2, 4, 31, 124\})$	60
132	$\mathcal{O}(0; \{2, 3, 44, 132\})$	40
150	$\mathcal{O}(1; \{2^2\})$	19200
152	$\mathcal{O}(0; \{2^2, 152^2\})$	72
153	$\mathcal{O}(0; \{153^3\})$	4320
154	$\mathcal{O}(0; \{2^2, 77^2\})$	60
154	$\mathcal{O}(0; \{77, 154^2\})$	2700
156	$\mathcal{O}(0; \{52, 78, 156\})$	528
156	$\mathcal{O}(0; \{39, 156^2\})$	528
160	$\mathcal{O}(0; \{32, 40, 160\})$	256
160	$\mathcal{O}(0; \{20, 160^2\})$	384
162	$\mathcal{O}(0; \{18, 81, 162\})$	324
165	$\mathcal{O}(0; \{15, 55, 165\})$	240
168	$\mathcal{O}(0; \{21, 24, 56\})$	48
168	$\mathcal{O}(0; \{12, 56, 168\})$	96
170	$\mathcal{O}(0; \{10, 85, 170\})$	192
171	$\mathcal{O}(0; \{9, 171^2\})$	324
180	$\mathcal{O}(0; \{9, 20, 180\})$	48
186	$\mathcal{O}(0; \{6, 62, 93\})$	60
190	$\mathcal{O}(0; \{5, 190^2\})$	216
195	$\mathcal{O}(0; \{5, 39, 195\})$	96
204	$\mathcal{O}(0; \{4, 102, 204\})$	64
228	$\mathcal{O}(0; \{3, 228^2\})$	72
231	$\mathcal{O}(0; \{3, 77, 231\})$	120
304	$\mathcal{O}(0; \{2, 304^2\})$	144
306	$\mathcal{O}(0; \{2, 153, 306\})$	96

Table 7: 77-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(77; \emptyset)$	1
2	$\mathcal{O}(39; \emptyset)$	302231454903657293676543
2	$\mathcal{O}(38; \{2^4\})$	75557863725914323419136
2	$\mathcal{O}(37; \{2^8\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^{12}\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{16}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{20}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{24}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{28}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{32}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{36}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{40}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{44}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{48}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{52}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{56}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{60}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{64}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{68}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{72}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{76}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{80}\})$	274877906944
2	$\mathcal{O}(18; \{2^{84}\})$	68719476736
2	$\mathcal{O}(17; \{2^{88}\})$	17179869184
2	$\mathcal{O}(16; \{2^{92}\})$	4294967296
2	$\mathcal{O}(15; \{2^{96}\})$	1073741824
2	$\mathcal{O}(14; \{2^{100}\})$	268435456
2	$\mathcal{O}(13; \{2^{104}\})$	67108864
2	$\mathcal{O}(12; \{2^{108}\})$	16777216
2	$\mathcal{O}(11; \{2^{112}\})$	4194304
2	$\mathcal{O}(10; \{2^{116}\})$	1048576
2	$\mathcal{O}(9; \{2^{120}\})$	262144
2	$\mathcal{O}(8; \{2^{124}\})$	65536
2	$\mathcal{O}(7; \{2^{128}\})$	16384
2	$\mathcal{O}(6; \{2^{132}\})$	4096
2	$\mathcal{O}(5; \{2^{136}\})$	1024
2	$\mathcal{O}(4; \{2^{140}\})$	256
2	$\mathcal{O}(3; \{2^{144}\})$	64
2	$\mathcal{O}(2; \{2^{148}\})$	16
2	$\mathcal{O}(1; \{2^{152}\})$	4
2	$\mathcal{O}(0; \{2^{156}\})$	1
3	$\mathcal{O}(25; \{3^4\})$	4307387926151115532621494

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(24; \{3^7\})$	3350190609228645414261162
3	$\mathcal{O}(23; \{3^{10}\})$	3031124836921155374807718
3	$\mathcal{O}(22; \{3^{13}\})$	2688424562961258665765130
3	$\mathcal{O}(21; \{3^{16}\})$	2390367236567018999279814
3	$\mathcal{O}(20; \{3^{19}\})$	2124697930955706991120362
3	$\mathcal{O}(19; \{3^{22}\})$	1888628488182045585615078
3	$\mathcal{O}(18; \{3^{25}\})$	1678779977816228738552010
3	$\mathcal{O}(17; \{3^{28}\})$	1492248969233071298934534
3	$\mathcal{O}(16; \{3^{31}\})$	1326443517089053354830762
3	$\mathcal{O}(15; \{3^{34}\})$	1179060905314505330195238
3	$\mathcal{O}(14; \{3^{37}\})$	1048054137920077316554890
3	$\mathcal{O}(13; \{3^{40}\})$	931603678166431031907654
3	$\mathcal{O}(12; \{3^{43}\})$	828092158368466340032362
3	$\mathcal{O}(11; \{3^{46}\})$	736081918549936144164198
3	$\mathcal{O}(10; \{3^{49}\})$	654295038711033429661770
3	$\mathcal{O}(9; \{3^{52}\})$	581595589965365373111174
3	$\mathcal{O}(8; \{3^{55}\})$	516973857746991184485162
3	$\mathcal{O}(7; \{3^{58}\})$	459532317997325526017958
3	$\mathcal{O}(6; \{3^{61}\})$	408473171553178242160650
3	$\mathcal{O}(5; \{3^{64}\})$	363087263602825104497094
3	$\mathcal{O}(4; \{3^{67}\})$	322744234313622315069162
3	$\mathcal{O}(3; \{3^{70}\})$	286883763834330946732518
3	$\mathcal{O}(2; \{3^{73}\})$	255007790074960841539530
3	$\mathcal{O}(1; \{3^{76}\})$	226673591177742970257414
3	$\mathcal{O}(0; \{3^{79}\})$	201487636602438195784362
4	$\mathcal{O}(20; \emptyset)$	1208925819613529663078400
4	$\mathcal{O}(19; \{2^4\})$	75557863725639445512192
4	$\mathcal{O}(19; \{2, 4^2\})$	151115727451828646838272
4	$\mathcal{O}(18; \{2^8\})$	4722366482800925736960
4	$\mathcal{O}(18; \{2^5, 4^2\})$	9444732965739290427392
4	$\mathcal{O}(18; \{2^2, 4^4\})$	37778931862957161709568
4	$\mathcal{O}(17; \{2^{12}\})$	295147905162172956672
4	$\mathcal{O}(17; \{2^9, 4^2\})$	590295810358705651712
4	$\mathcal{O}(17; \{2^6, 4^4\})$	2361183241434822606848
4	$\mathcal{O}(17; \{2^3, 4^6\})$	9444732965739290427392
4	$\mathcal{O}(17; \{4^8\})$	37778931862957161709568
4	$\mathcal{O}(16; \{2^{16}\})$	18446744069414584320
4	$\mathcal{O}(16; \{2^{13}, 4^2\})$	36893488147419103232
4	$\mathcal{O}(16; \{2^{10}, 4^4\})$	147573952589676412928
4	$\mathcal{O}(16; \{2^7, 4^6\})$	590295810358705651712
4	$\mathcal{O}(16; \{2^4, 4^8\})$	2361183241434822606848
4	$\mathcal{O}(16; \{2, 4^{10}\})$	9444732965739290427392
4	$\mathcal{O}(15; \{2^{20}\})$	1152921503533105152

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(15; \{2^{17}, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2^{14}, 4^4\})$	9223372036854775808
4	$\mathcal{O}(15; \{2^{11}, 4^6\})$	36893488147419103232
4	$\mathcal{O}(15; \{2^8, 4^8\})$	147573952589676412928
4	$\mathcal{O}(15; \{2^5, 4^{10}\})$	590295810358705651712
4	$\mathcal{O}(15; \{2^2, 4^{12}\})$	2361183241434822606848
4	$\mathcal{O}(14; \{2^{24}\})$	72057593769492480
4	$\mathcal{O}(14; \{2^{21}, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^{18}, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^{15}, 4^6\})$	2305843009213693952
4	$\mathcal{O}(14; \{2^{12}, 4^8\})$	9223372036854775808
4	$\mathcal{O}(14; \{2^9, 4^{10}\})$	36893488147419103232
4	$\mathcal{O}(14; \{2^6, 4^{12}\})$	147573952589676412928
4	$\mathcal{O}(14; \{2^3, 4^{14}\})$	590295810358705651712
4	$\mathcal{O}(14; \{4^{16}\})$	2361183241434822606848
4	$\mathcal{O}(13; \{2^{28}\})$	4503599560261632
4	$\mathcal{O}(13; \{2^{25}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^{22}, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^{19}, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^{16}, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{2^{13}, 4^{10}\})$	2305843009213693952
4	$\mathcal{O}(13; \{2^{10}, 4^{12}\})$	9223372036854775808
4	$\mathcal{O}(13; \{2^7, 4^{14}\})$	36893488147419103232
4	$\mathcal{O}(13; \{2^4, 4^{16}\})$	147573952589676412928
4	$\mathcal{O}(13; \{2, 4^{18}\})$	590295810358705651712
4	$\mathcal{O}(12; \{2^{32}\})$	281474959933440
4	$\mathcal{O}(12; \{2^{29}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{26}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{23}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^{20}, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^{17}, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2^{14}, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(12; \{2^{11}, 4^{14}\})$	2305843009213693952
4	$\mathcal{O}(12; \{2^8, 4^{16}\})$	9223372036854775808
4	$\mathcal{O}(12; \{2^5, 4^{18}\})$	36893488147419103232
4	$\mathcal{O}(12; \{2^2, 4^{20}\})$	147573952589676412928
4	$\mathcal{O}(11; \{2^{36}\})$	17592181850112
4	$\mathcal{O}(11; \{2^{33}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{30}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{27}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{24}, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^{21}, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^{18}, 4^{12}\})$	36028797018963968

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(11; \{2^{15}, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(11; \{2^{12}, 4^{16}\})$	576460752303423488
4	$\mathcal{O}(11; \{2^9, 4^{18}\})$	2305843009213693952
4	$\mathcal{O}(11; \{2^6, 4^{20}\})$	9223372036854775808
4	$\mathcal{O}(11; \{2^3, 4^{22}\})$	36893488147419103232
4	$\mathcal{O}(11; \{4^{24}\})$	147573952589676412928
4	$\mathcal{O}(10; \{2^{40}\})$	1099510579200
4	$\mathcal{O}(10; \{2^{37}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{34}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{31}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{28}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^{25}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^{22}, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^{19}, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^{16}, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(10; \{2^{13}, 4^{18}\})$	144115188075855872
4	$\mathcal{O}(10; \{2^{10}, 4^{20}\})$	576460752303423488
4	$\mathcal{O}(10; \{2^7, 4^{22}\})$	2305843009213693952
4	$\mathcal{O}(10; \{2^4, 4^{24}\})$	9223372036854775808
4	$\mathcal{O}(10; \{2, 4^{26}\})$	36893488147419103232
4	$\mathcal{O}(9; \{2^{44}\})$	68719214592
4	$\mathcal{O}(9; \{2^{41}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{38}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{35}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{32}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{29}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{26}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^{23}, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^{20}, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^{17}, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(9; \{2^{14}, 4^{20}\})$	36028797018963968
4	$\mathcal{O}(9; \{2^{11}, 4^{22}\})$	144115188075855872
4	$\mathcal{O}(9; \{2^8, 4^{24}\})$	576460752303423488
4	$\mathcal{O}(9; \{2^5, 4^{26}\})$	2305843009213693952
4	$\mathcal{O}(9; \{2^2, 4^{28}\})$	9223372036854775808
4	$\mathcal{O}(8; \{2^{48}\})$	4294901760
4	$\mathcal{O}(8; \{2^{45}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{42}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{39}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{36}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{33}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{30}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{27}, 4^{14}\})$	35184372088832

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(8; \{2^{24}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^{21}, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^{18}, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^{15}, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(8; \{2^{12}, 4^{24}\})$	36028797018963968
4	$\mathcal{O}(8; \{2^9, 4^{26}\})$	144115188075855872
4	$\mathcal{O}(8; \{2^6, 4^{28}\})$	576460752303423488
4	$\mathcal{O}(8; \{2^3, 4^{30}\})$	2305843009213693952
4	$\mathcal{O}(8; \{4^{32}\})$	9223372036854775808
4	$\mathcal{O}(7; \{2^{52}\})$	268419072
4	$\mathcal{O}(7; \{2^{49}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{46}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{43}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{40}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{37}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{34}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{31}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{28}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{25}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^{22}, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^{19}, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^{16}, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(7; \{2^{13}, 4^{26}\})$	9007199254740992
4	$\mathcal{O}(7; \{2^{10}, 4^{28}\})$	36028797018963968
4	$\mathcal{O}(7; \{2^7, 4^{30}\})$	144115188075855872
4	$\mathcal{O}(7; \{2^4, 4^{32}\})$	576460752303423488
4	$\mathcal{O}(7; \{2, 4^{34}\})$	2305843009213693952
4	$\mathcal{O}(6; \{2^{56}\})$	16773120
4	$\mathcal{O}(6; \{2^{53}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{50}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{47}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{44}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{41}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{38}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{35}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{32}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{29}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{26}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{23}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^{20}, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^{17}, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2^{14}, 4^{28}\})$	2251799813685248
4	$\mathcal{O}(6; \{2^{11}, 4^{30}\})$	9007199254740992

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(6; \{2^8, 4^{32}\})$	36028797018963968
4	$\mathcal{O}(6; \{2^5, 4^{34}\})$	144115188075855872
4	$\mathcal{O}(6; \{2^2, 4^{36}\})$	576460752303423488
4	$\mathcal{O}(5; \{2^{60}\})$	1047552
4	$\mathcal{O}(5; \{2^{57}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{54}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{51}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{48}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{45}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{42}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{39}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{36}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{33}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{30}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{27}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{24}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^{21}, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^{18}, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2^{15}, 4^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{2^{12}, 4^{32}\})$	2251799813685248
4	$\mathcal{O}(5; \{2^9, 4^{34}\})$	9007199254740992
4	$\mathcal{O}(5; \{2^6, 4^{36}\})$	36028797018963968
4	$\mathcal{O}(5; \{2^3, 4^{38}\})$	144115188075855872
4	$\mathcal{O}(5; \{4^{40}\})$	576460752303423488
4	$\mathcal{O}(4; \{2^{64}\})$	65280
4	$\mathcal{O}(4; \{2^{61}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{58}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{55}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{52}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{49}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{46}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{43}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{40}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{37}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{34}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{31}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{28}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{25}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^{22}, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^{19}, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^{16}, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{2^{13}, 4^{34}\})$	562949953421312
4	$\mathcal{O}(4; \{2^{10}, 4^{36}\})$	2251799813685248

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(4; \{2^7, 4^{38}\})$	9007199254740992
4	$\mathcal{O}(4; \{2^4, 4^{40}\})$	36028797018963968
4	$\mathcal{O}(4; \{2, 4^{42}\})$	144115188075855872
4	$\mathcal{O}(3; \{2^{68}\})$	4032
4	$\mathcal{O}(3; \{2^{65}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{62}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{59}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{56}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{53}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{50}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{47}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{44}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{41}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{38}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{35}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{32}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{29}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{26}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{23}, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^{20}, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^{17}, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{2^{14}, 4^{36}\})$	14073748835328
4	$\mathcal{O}(3; \{2^{11}, 4^{38}\})$	562949953421312
4	$\mathcal{O}(3; \{2^8, 4^{40}\})$	2251799813685248
4	$\mathcal{O}(3; \{2^5, 4^{42}\})$	9007199254740992
4	$\mathcal{O}(3; \{2^2, 4^{44}\})$	36028797018963968
4	$\mathcal{O}(2; \{2^{72}\})$	240
4	$\mathcal{O}(2; \{2^{69}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{66}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{63}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{60}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{57}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{54}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{51}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{48}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{45}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{42}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{39}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{36}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{33}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{30}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{27}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{24}, 4^{32}\})$	549755813888

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(2; \{2^{21}, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^{18}, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^{15}, 4^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{2^{12}, 4^{40}\})$	140737488355328
4	$\mathcal{O}(2; \{2^9, 4^{42}\})$	562949953421312
4	$\mathcal{O}(2; \{2^6, 4^{44}\})$	2251799813685248
4	$\mathcal{O}(2; \{2^3, 4^{46}\})$	9007199254740992
4	$\mathcal{O}(2; \{4^{48}\})$	36028797018963968
4	$\mathcal{O}(1; \{2^{76}\})$	12
4	$\mathcal{O}(1; \{2^{73}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{70}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{67}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{64}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{61}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{58}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{55}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{52}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{49}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{46}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{43}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{40}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{37}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{34}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{31}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{28}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{25}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^{22}, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^{19}, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^{16}, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{2^{13}, 4^{42}\})$	35184372088832
4	$\mathcal{O}(1; \{2^{10}, 4^{44}\})$	140737488355328
4	$\mathcal{O}(1; \{2^7, 4^{46}\})$	562949953421312
4	$\mathcal{O}(1; \{2^4, 4^{48}\})$	2251799813685248
4	$\mathcal{O}(1; \{2, 4^{50}\})$	9007199254740992
4	$\mathcal{O}(0; \{2^{77}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{74}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{71}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{68}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{65}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{62}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{59}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{56}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{53}, 4^{18}\})$	131072

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{2^{50}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{47}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{44}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{41}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{38}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{35}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{32}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{29}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{26}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{23}, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^{20}, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^{17}, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2^{14}, 4^{44}\})$	8796093022208
4	$\mathcal{O}(0; \{2^{11}, 4^{46}\})$	35184372088832
4	$\mathcal{O}(0; \{2^8, 4^{48}\})$	140737488355328
4	$\mathcal{O}(0; \{2^5, 4^{50}\})$	562949953421312
4	$\mathcal{O}(0; \{2^2, 4^{52}\})$	2251799813685248
5	$\mathcal{O}(15; \{5^3\})$	11175870895385742187500
5	$\mathcal{O}(13; \{5^8\})$	19532442092895507812500
5	$\mathcal{O}(11; \{5^{13}\})$	31999998092651367187500
5	$\mathcal{O}(9; \{5^{18}\})$	52428800003051757812500
5	$\mathcal{O}(7; \{5^{23}\})$	85899345919995117187500
5	$\mathcal{O}(5; \{5^{28}\})$	140737488355328007812500
5	$\mathcal{O}(3; \{5^{33}\})$	230584300921369395187500
5	$\mathcal{O}(1; \{5^{38}\})$	377789318629571617095700
6	$\mathcal{O}(13; \{3^2\})$	341163451275424759854
6	$\mathcal{O}(12; \{2^4, 3^2\})$	9476762676643233792
6	$\mathcal{O}(12; \{3^5\})$	47383810558920804150
6	$\mathcal{O}(12; \{2, 3^3, 6\})$	28430288029929701376
6	$\mathcal{O}(12; \{2^2, 3, 6^2\})$	9476762676643233792
6	$\mathcal{O}(12; \{6^4\})$	28430288029929701376
6	$\mathcal{O}(11; \{2^8, 3^2\})$	263243407684534272
6	$\mathcal{O}(11; \{2^4, 3^5\})$	1316217038422671360
6	$\mathcal{O}(11; \{3^8\})$	11319463831663847322
6	$\mathcal{O}(11; \{2^5, 3^3, 6\})$	789730223053602816
6	$\mathcal{O}(11; \{2, 3^6, 6\})$	5528111561375219712
6	$\mathcal{O}(11; \{2^6, 3, 6^2\})$	263243407684534272
6	$\mathcal{O}(11; \{2^2, 3^4, 6^2\})$	2895677484529876992
6	$\mathcal{O}(11; \{2^3, 3^2, 6^3\})$	1316217038422671360
6	$\mathcal{O}(11; \{2^4, 6^4\})$	789730223053602816
6	$\mathcal{O}(11; \{3^3, 6^4\})$	5528111561375219712
6	$\mathcal{O}(11; \{2, 3, 6^5\})$	2895677484529876992
6	$\mathcal{O}(10; \{2^{12}, 3^2\})$	7312316880125952

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{2^8, 3^5\})$	36561584400629760
6	$\mathcal{O}(10; \{2^4, 3^8\})$	314429625845415936
6	$\mathcal{O}(10; \{3^{11}\})$	2493497678135988150
6	$\mathcal{O}(10; \{2^9, 3^3, 6\})$	21936950640377856
6	$\mathcal{O}(10; \{2^5, 3^6, 6\})$	153558654482644992
6	$\mathcal{O}(10; \{2, 3^9, 6\})$	1250406186501537792
6	$\mathcal{O}(10; \{2^{10}, 3, 6^2\})$	7312316880125952
6	$\mathcal{O}(10; \{2^6, 3^4, 6^2\})$	80435485681385472
6	$\mathcal{O}(10; \{2^2, 3^7, 6^2\})$	621546934810705920
6	$\mathcal{O}(10; \{2^7, 3^2, 6^3\})$	36561584400629760
6	$\mathcal{O}(10; \{2^3, 3^5, 6^3\})$	314429625845415936
6	$\mathcal{O}(10; \{2^8, 6^4\})$	21936950640377856
6	$\mathcal{O}(10; \{2^4, 3^3, 6^4\})$	153558654482644992
6	$\mathcal{O}(10; \{3^6, 6^4\})$	1250406186501537792
6	$\mathcal{O}(10; \{2^5, 3, 6^5\})$	80435485681385472
6	$\mathcal{O}(10; \{2, 3^4, 6^5\})$	621546934810705920
6	$\mathcal{O}(10; \{2^2, 3^2, 6^6\})$	314429625845415936
6	$\mathcal{O}(10; \{2^3, 6^7\})$	153558654482644992
6	$\mathcal{O}(10; \{3, 6^8\})$	621546934810705920
6	$\mathcal{O}(9; \{2^{16}, 3^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^{12}, 3^5\})$	1015599566684160
6	$\mathcal{O}(9; \{2^8, 3^8\})$	8734156273483776
6	$\mathcal{O}(9; \{2^4, 3^{11}\})$	69263890447859712
6	$\mathcal{O}(9; \{3^{14}\})$	554718367232177274
6	$\mathcal{O}(9; \{2^{13}, 3^3, 6\})$	609359740010496
6	$\mathcal{O}(9; \{2^9, 3^6, 6\})$	4265518180073472
6	$\mathcal{O}(9; \{2^5, 3^9, 6\})$	34733505180598272
6	$\mathcal{O}(9; \{2, 3^{12}, 6\})$	277258681704775680
6	$\mathcal{O}(9; \{2^{14}, 3, 6^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^{10}, 3^4, 6^2\})$	2234319046705152
6	$\mathcal{O}(9; \{2^6, 3^7, 6^2\})$	17265192633630720
6	$\mathcal{O}(9; \{2^2, 3^{10}, 6^2\})$	138730900809056256
6	$\mathcal{O}(9; \{2^{11}, 3^2, 6^3\})$	1015599566684160
6	$\mathcal{O}(9; \{2^7, 3^5, 6^3\})$	8734156273483776
6	$\mathcal{O}(9; \{2^3, 3^8, 6^3\})$	69263890447859712
6	$\mathcal{O}(9; \{2^{12}, 6^4\})$	609359740010496
6	$\mathcal{O}(9; \{2^8, 3^3, 6^4\})$	4265518180073472
6	$\mathcal{O}(9; \{2^4, 3^6, 6^4\})$	34733505180598272
6	$\mathcal{O}(9; \{3^9, 6^4\})$	277258681704775680
6	$\mathcal{O}(9; \{2^9, 3, 6^5\})$	2234319046705152
6	$\mathcal{O}(9; \{2^5, 3^4, 6^5\})$	17265192633630720
6	$\mathcal{O}(9; \{2, 3^7, 6^5\})$	138730900809056256
6	$\mathcal{O}(9; \{2^6, 3^2, 6^6\})$	8734156273483776

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{2^2, 3^5, 6^6\})$	69263890447859712
6	$\mathcal{O}(9; \{2^7, 6^7\})$	4265518180073472
6	$\mathcal{O}(9; \{2^3, 3^3, 6^7\})$	34733505180598272
6	$\mathcal{O}(9; \{2^4, 3, 6^8\})$	17265192633630720
6	$\mathcal{O}(9; \{3^4, 6^8\})$	138730900809056256
6	$\mathcal{O}(9; \{2, 3^2, 6^9\})$	69263890447859712
6	$\mathcal{O}(9; \{2^2, 6^{10}\})$	34733505180598272
6	$\mathcal{O}(8; \{2^{20}, 3^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^{16}, 3^5\})$	28211099074560
6	$\mathcal{O}(8; \{2^{12}, 3^8\})$	242615452041216
6	$\mathcal{O}(8; \{2^8, 3^{11}\})$	1923996956884992
6	$\mathcal{O}(8; \{2^4, 3^{14}\})$	15408902314524672
6	$\mathcal{O}(8; \{3^{17}\})$	123252411145512150
6	$\mathcal{O}(8; \{2^{17}, 3^3, 6\})$	16926659444736
6	$\mathcal{O}(8; \{2^{13}, 3^6, 6\})$	118486616113152
6	$\mathcal{O}(8; \{2^9, 3^9, 6\})$	964819588349952
6	$\mathcal{O}(8; \{2^5, 3^{12}, 6\})$	7701630047354880
6	$\mathcal{O}(8; \{2, 3^{15}, 6\})$	61629967038283776
6	$\mathcal{O}(8; \{2^{18}, 3, 6^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^{14}, 3^4, 6^2\})$	62064417964032
6	$\mathcal{O}(8; \{2^{10}, 3^7, 6^2\})$	479588684267520
6	$\mathcal{O}(8; \{2^6, 3^{10}, 6^2\})$	3853636133584896
6	$\mathcal{O}(8; \{2^2, 3^{13}, 6^2\})$	30812162409234432
6	$\mathcal{O}(8; \{2^{15}, 3^2, 6^3\})$	28211099074560
6	$\mathcal{O}(8; \{2^{11}, 3^5, 6^3\})$	242615452041216
6	$\mathcal{O}(8; \{2^7, 3^8, 6^3\})$	1923996956884992
6	$\mathcal{O}(8; \{2^3, 3^{11}, 6^3\})$	15408902314524672
6	$\mathcal{O}(8; \{2^{16}, 6^4\})$	16926659444736
6	$\mathcal{O}(8; \{2^{12}, 3^3, 6^4\})$	118486616113152
6	$\mathcal{O}(8; \{2^8, 3^6, 6^4\})$	964819588349952
6	$\mathcal{O}(8; \{2^4, 3^9, 6^4\})$	7701630047354880
6	$\mathcal{O}(8; \{3^{12}, 6^4\})$	61629967038283776
6	$\mathcal{O}(8; \{2^{13}, 3, 6^5\})$	62064417964032
6	$\mathcal{O}(8; \{2^9, 3^4, 6^5\})$	479588684267520
6	$\mathcal{O}(8; \{2^5, 3^7, 6^5\})$	3853636133584896
6	$\mathcal{O}(8; \{2, 3^{10}, 6^5\})$	30812162409234432
6	$\mathcal{O}(8; \{2^{10}, 3^2, 6^6\})$	242615452041216
6	$\mathcal{O}(8; \{2^6, 3^5, 6^6\})$	1923996956884992
6	$\mathcal{O}(8; \{2^2, 3^8, 6^6\})$	15408902314524672
6	$\mathcal{O}(8; \{2^{11}, 6^7\})$	118486616113152
6	$\mathcal{O}(8; \{2^7, 3^3, 6^7\})$	964819588349952
6	$\mathcal{O}(8; \{2^3, 3^6, 6^7\})$	7701630047354880
6	$\mathcal{O}(8; \{2^8, 3, 6^8\})$	479588684267520

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{2^4, 3^4, 6^8\})$	3853636133584896
6	$\mathcal{O}(8; \{3^7, 6^8\})$	30812162409234432
6	$\mathcal{O}(8; \{2^5, 3^2, 6^9\})$	1923996956884992
6	$\mathcal{O}(8; \{2, 3^5, 6^9\})$	15408902314524672
6	$\mathcal{O}(8; \{2^6, 6^{10}\})$	964819588349952
6	$\mathcal{O}(8; \{2^2, 3^3, 6^{10}\})$	7701630047354880
6	$\mathcal{O}(8; \{2^3, 3, 6^{11}\})$	3853636133584896
6	$\mathcal{O}(8; \{3^2, 6^{12}\})$	15408902314524672
6	$\mathcal{O}(8; \{2, 6^{13}\})$	7701630047354880
6	$\mathcal{O}(7; \{2^{24}, 3^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{20}, 3^5\})$	783641640960
6	$\mathcal{O}(7; \{2^{16}, 3^8\})$	6739318112256
6	$\mathcal{O}(7; \{2^{12}, 3^{11}\})$	53444359913472
6	$\mathcal{O}(7; \{2^8, 3^{14}\})$	428025064292352
6	$\mathcal{O}(7; \{2^4, 3^{17}\})$	3423730329354240
6	$\mathcal{O}(7; \{3^{20}\})$	27388641047795802
6	$\mathcal{O}(7; \{2^{21}, 3^3, 6\})$	470184984576
6	$\mathcal{O}(7; \{2^{17}, 3^6, 6\})$	3291294892032
6	$\mathcal{O}(7; \{2^{13}, 3^9, 6\})$	26800544120832
6	$\mathcal{O}(7; \{2^9, 3^{12}, 6\})$	213934167982080
6	$\mathcal{O}(7; \{2^5, 3^{15}, 6\})$	1711943528841216
6	$\mathcal{O}(7; \{2, 3^{18}, 6\})$	13695078045745152
6	$\mathcal{O}(7; \{2^{22}, 3, 6^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{18}, 3^4, 6^2\})$	1724011610112
6	$\mathcal{O}(7; \{2^{14}, 3^7, 6^2\})$	13321907896320
6	$\mathcal{O}(7; \{2^{10}, 3^{10}, 6^2\})$	107045448155136
6	$\mathcal{O}(7; \{2^6, 3^{13}, 6^2\})$	855893400256512
6	$\mathcal{O}(7; \{2^2, 3^{16}, 6^2\})$	6847617387036672
6	$\mathcal{O}(7; \{2^{19}, 3^2, 6^3\})$	783641640960
6	$\mathcal{O}(7; \{2^{15}, 3^5, 6^3\})$	6739318112256
6	$\mathcal{O}(7; \{2^{11}, 3^8, 6^3\})$	53444359913472
6	$\mathcal{O}(7; \{2^7, 3^{11}, 6^3\})$	428025064292352
6	$\mathcal{O}(7; \{2^3, 3^{14}, 6^3\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{20}, 6^4\})$	470184984576
6	$\mathcal{O}(7; \{2^{16}, 3^3, 6^4\})$	3291294892032
6	$\mathcal{O}(7; \{2^{12}, 3^6, 6^4\})$	26800544120832
6	$\mathcal{O}(7; \{2^8, 3^9, 6^4\})$	213934167982080
6	$\mathcal{O}(7; \{2^4, 3^{12}, 6^4\})$	1711943528841216
6	$\mathcal{O}(7; \{3^{15}, 6^4\})$	13695078045745152
6	$\mathcal{O}(7; \{2^{17}, 3, 6^5\})$	1724011610112
6	$\mathcal{O}(7; \{2^{13}, 3^4, 6^5\})$	13321907896320
6	$\mathcal{O}(7; \{2^9, 3^7, 6^5\})$	107045448155136
6	$\mathcal{O}(7; \{2^5, 3^{10}, 6^5\})$	855893400256512

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{2, 3^{13}, 6^5\})$	6847617387036672
6	$\mathcal{O}(7; \{2^{14}, 3^2, 6^6\})$	6739318112256
6	$\mathcal{O}(7; \{2^{10}, 3^5, 6^6\})$	53444359913472
6	$\mathcal{O}(7; \{2^6, 3^8, 6^6\})$	428025064292352
6	$\mathcal{O}(7; \{2^2, 3^{11}, 6^6\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{15}, 6^7\})$	3291294892032
6	$\mathcal{O}(7; \{2^{11}, 3^3, 6^7\})$	26800544120832
6	$\mathcal{O}(7; \{2^7, 3^6, 6^7\})$	213934167982080
6	$\mathcal{O}(7; \{2^3, 3^9, 6^7\})$	1711943528841216
6	$\mathcal{O}(7; \{2^{12}, 3, 6^8\})$	13321907896320
6	$\mathcal{O}(7; \{2^8, 3^4, 6^8\})$	107045448155136
6	$\mathcal{O}(7; \{2^4, 3^7, 6^8\})$	855893400256512
6	$\mathcal{O}(7; \{3^{10}, 6^8\})$	6847617387036672
6	$\mathcal{O}(7; \{2^9, 3^2, 6^9\})$	53444359913472
6	$\mathcal{O}(7; \{2^5, 3^5, 6^9\})$	428025064292352
6	$\mathcal{O}(7; \{2, 3^8, 6^9\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{10}, 6^{10}\})$	26800544120832
6	$\mathcal{O}(7; \{2^6, 3^3, 6^{10}\})$	213934167982080
6	$\mathcal{O}(7; \{2^2, 3^6, 6^{10}\})$	1711943528841216
6	$\mathcal{O}(7; \{2^7, 3, 6^{11}\})$	107045448155136
6	$\mathcal{O}(7; \{2^3, 3^4, 6^{11}\})$	855893400256512
6	$\mathcal{O}(7; \{2^4, 3^2, 6^{12}\})$	428025064292352
6	$\mathcal{O}(7; \{3^5, 6^{12}\})$	3423730329354240
6	$\mathcal{O}(7; \{2^5, 6^{13}\})$	213934167982080
6	$\mathcal{O}(7; \{2, 3^3, 6^{13}\})$	1711943528841216
6	$\mathcal{O}(7; \{2^2, 3, 6^{14}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{16}\})$	1711943528841216
6	$\mathcal{O}(6; \{2^{28}, 3^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{24}, 3^5\})$	21767823360
6	$\mathcal{O}(6; \{2^{20}, 3^8\})$	187203280896
6	$\mathcal{O}(6; \{2^{16}, 3^{11}\})$	1484565553152
6	$\mathcal{O}(6; \{2^{12}, 3^{14}\})$	11889585119232
6	$\mathcal{O}(6; \{2^8, 3^{17}\})$	95103620259840
6	$\mathcal{O}(6; \{2^4, 3^{20}\})$	760842022772736
6	$\mathcal{O}(6; \{3^{23}\})$	6085237105100790
6	$\mathcal{O}(6; \{2^{25}, 3^3, 6\})$	13060694016
6	$\mathcal{O}(6; \{2^{21}, 3^6, 6\})$	91424858112
6	$\mathcal{O}(6; \{2^{17}, 3^9, 6\})$	744459558912
6	$\mathcal{O}(6; \{2^{13}, 3^{12}, 6\})$	5942615777280
6	$\mathcal{O}(6; \{2^9, 3^{15}, 6\})$	47553986912256
6	$\mathcal{O}(6; \{2^5, 3^{18}, 6\})$	380418834604032
6	$\mathcal{O}(6; \{2, 3^{21}, 6\})$	3043363737526272
6	$\mathcal{O}(6; \{2^{26}, 3, 6^2\})$	4353564672

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^{22}, 3^4, 6^2\})$	47889211392
6	$\mathcal{O}(6; \{2^{18}, 3^7, 6^2\})$	370052997120
6	$\mathcal{O}(6; \{2^{14}, 3^{10}, 6^2\})$	2973484670976
6	$\mathcal{O}(6; \{2^{10}, 3^{13}, 6^2\})$	23774816673792
6	$\mathcal{O}(6; \{2^6, 3^{16}, 6^2\})$	190211594084352
6	$\mathcal{O}(6; \{2^2, 3^{19}, 6^2\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{23}, 3^2, 6^3\})$	21767823360
6	$\mathcal{O}(6; \{2^{19}, 3^5, 6^3\})$	187203280896
6	$\mathcal{O}(6; \{2^{15}, 3^8, 6^3\})$	1484565553152
6	$\mathcal{O}(6; \{2^{11}, 3^{11}, 6^3\})$	11889585119232
6	$\mathcal{O}(6; \{2^7, 3^{14}, 6^3\})$	95103620259840
6	$\mathcal{O}(6; \{2^3, 3^{17}, 6^3\})$	760842022772736
6	$\mathcal{O}(6; \{2^{24}, 6^4\})$	13060694016
6	$\mathcal{O}(6; \{2^{20}, 3^3, 6^4\})$	91424858112
6	$\mathcal{O}(6; \{2^{16}, 3^6, 6^4\})$	744459558912
6	$\mathcal{O}(6; \{2^{12}, 3^9, 6^4\})$	5942615777280
6	$\mathcal{O}(6; \{2^8, 3^{12}, 6^4\})$	47553986912256
6	$\mathcal{O}(6; \{2^4, 3^{15}, 6^4\})$	380418834604032
6	$\mathcal{O}(6; \{3^{18}, 6^4\})$	3043363737526272
6	$\mathcal{O}(6; \{2^{21}, 3, 6^5\})$	47889211392
6	$\mathcal{O}(6; \{2^{17}, 3^4, 6^5\})$	370052997120
6	$\mathcal{O}(6; \{2^{13}, 3^7, 6^5\})$	2973484670976
6	$\mathcal{O}(6; \{2^9, 3^{10}, 6^5\})$	23774816673792
6	$\mathcal{O}(6; \{2^5, 3^{13}, 6^5\})$	190211594084352
6	$\mathcal{O}(6; \{2, 3^{16}, 6^5\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{18}, 3^2, 6^6\})$	187203280896
6	$\mathcal{O}(6; \{2^{14}, 3^5, 6^6\})$	1484565553152
6	$\mathcal{O}(6; \{2^{10}, 3^8, 6^6\})$	11889585119232
6	$\mathcal{O}(6; \{2^6, 3^{11}, 6^6\})$	95103620259840
6	$\mathcal{O}(6; \{2^2, 3^{14}, 6^6\})$	760842022772736
6	$\mathcal{O}(6; \{2^{19}, 6^7\})$	91424858112
6	$\mathcal{O}(6; \{2^{15}, 3^3, 6^7\})$	744459558912
6	$\mathcal{O}(6; \{2^{11}, 3^6, 6^7\})$	5942615777280
6	$\mathcal{O}(6; \{2^7, 3^9, 6^7\})$	47553986912256
6	$\mathcal{O}(6; \{2^3, 3^{12}, 6^7\})$	380418834604032
6	$\mathcal{O}(6; \{2^{16}, 3, 6^8\})$	370052997120
6	$\mathcal{O}(6; \{2^{12}, 3^4, 6^8\})$	2973484670976
6	$\mathcal{O}(6; \{2^8, 3^7, 6^8\})$	23774816673792
6	$\mathcal{O}(6; \{2^4, 3^{10}, 6^8\})$	190211594084352
6	$\mathcal{O}(6; \{3^{13}, 6^8\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{13}, 3^2, 6^9\})$	1484565553152
6	$\mathcal{O}(6; \{2^9, 3^5, 6^9\})$	11889585119232
6	$\mathcal{O}(6; \{2^5, 3^8, 6^9\})$	95103620259840

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2, 3^{11}, 6^9\})$	760842022772736
6	$\mathcal{O}(6; \{2^{14}, 6^{10}\})$	744459558912
6	$\mathcal{O}(6; \{2^{10}, 3^3, 6^{10}\})$	5942615777280
6	$\mathcal{O}(6; \{2^6, 3^6, 6^{10}\})$	47553986912256
6	$\mathcal{O}(6; \{2^2, 3^9, 6^{10}\})$	380418834604032
6	$\mathcal{O}(6; \{2^{11}, 3, 6^{11}\})$	2973484670976
6	$\mathcal{O}(6; \{2^7, 3^4, 6^{11}\})$	23774816673792
6	$\mathcal{O}(6; \{2^3, 3^7, 6^{11}\})$	190211594084352
6	$\mathcal{O}(6; \{2^8, 3^2, 6^{12}\})$	11889585119232
6	$\mathcal{O}(6; \{2^4, 3^5, 6^{12}\})$	95103620259840
6	$\mathcal{O}(6; \{3^8, 6^{12}\})$	760842022772736
6	$\mathcal{O}(6; \{2^9, 6^{13}\})$	5942615777280
6	$\mathcal{O}(6; \{2^5, 3^3, 6^{13}\})$	47553986912256
6	$\mathcal{O}(6; \{2, 3^6, 6^{13}\})$	380418834604032
6	$\mathcal{O}(6; \{2^6, 3, 6^{14}\})$	23774816673792
6	$\mathcal{O}(6; \{2^2, 3^4, 6^{14}\})$	190211594084352
6	$\mathcal{O}(6; \{2^3, 3^2, 6^{15}\})$	95103620259840
6	$\mathcal{O}(6; \{2^4, 6^{16}\})$	47553986912256
6	$\mathcal{O}(6; \{3^3, 6^{16}\})$	380418834604032
6	$\mathcal{O}(6; \{2, 3, 6^{17}\})$	190211594084352
6	$\mathcal{O}(5; \{2^{32}, 3^2\})$	120932352
6	$\mathcal{O}(5; \{2^{28}, 3^5\})$	604661760
6	$\mathcal{O}(5; \{2^{24}, 3^8\})$	5200091136
6	$\mathcal{O}(5; \{2^{20}, 3^{11}\})$	41237932032
6	$\mathcal{O}(5; \{2^{16}, 3^{14}\})$	330266253312
6	$\mathcal{O}(5; \{2^{12}, 3^{17}\})$	2641767229440
6	$\mathcal{O}(5; \{2^8, 3^{20}\})$	21134500632576
6	$\mathcal{O}(5; \{2^4, 3^{23}\})$	169075642263552
6	$\mathcal{O}(5; \{3^{26}\})$	1351284597095994
6	$\mathcal{O}(5; \{2^{29}, 3^3, 6\})$	362797056
6	$\mathcal{O}(5; \{2^{25}, 3^6, 6\})$	2539579392
6	$\mathcal{O}(5; \{2^{21}, 3^9, 6\})$	20679432192
6	$\mathcal{O}(5; \{2^{17}, 3^{12}, 6\})$	165072660480
6	$\mathcal{O}(5; \{2^{13}, 3^{15}, 6\})$	1320944080896
6	$\mathcal{O}(5; \{2^9, 3^{18}, 6\})$	10567189850112
6	$\mathcal{O}(5; \{2^5, 3^{21}, 6\})$	84537881597952
6	$\mathcal{O}(5; \{2, 3^{24}, 6\})$	676302689986560
6	$\mathcal{O}(5; \{2^{30}, 3, 6^2\})$	120932352
6	$\mathcal{O}(5; \{2^{26}, 3^4, 6^2\})$	1330255872
6	$\mathcal{O}(5; \{2^{22}, 3^7, 6^2\})$	10279249920
6	$\mathcal{O}(5; \{2^{18}, 3^{10}, 6^2\})$	82596796416
6	$\mathcal{O}(5; \{2^{14}, 3^{13}, 6^2\})$	660411574272
6	$\mathcal{O}(5; \{2^{10}, 3^{16}, 6^2\})$	5283655391232

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^6, 3^{19}, 6^2\})$	42268880332800
6	$\mathcal{O}(5; \{2^2, 3^{22}, 6^2\})$	338151405459456
6	$\mathcal{O}(5; \{2^{27}, 3^2, 6^3\})$	604661760
6	$\mathcal{O}(5; \{2^{23}, 3^5, 6^3\})$	5200091136
6	$\mathcal{O}(5; \{2^{19}, 3^8, 6^3\})$	41237932032
6	$\mathcal{O}(5; \{2^{15}, 3^{11}, 6^3\})$	330266253312
6	$\mathcal{O}(5; \{2^{11}, 3^{14}, 6^3\})$	2641767229440
6	$\mathcal{O}(5; \{2^7, 3^{17}, 6^3\})$	21134500632576
6	$\mathcal{O}(5; \{2^3, 3^{20}, 6^3\})$	169075642263552
6	$\mathcal{O}(5; \{2^{28}, 6^4\})$	362797056
6	$\mathcal{O}(5; \{2^{24}, 3^3, 6^4\})$	2539579392
6	$\mathcal{O}(5; \{2^{20}, 3^6, 6^4\})$	20679432192
6	$\mathcal{O}(5; \{2^{16}, 3^9, 6^4\})$	165072660480
6	$\mathcal{O}(5; \{2^{12}, 3^{12}, 6^4\})$	1320944080896
6	$\mathcal{O}(5; \{2^8, 3^{15}, 6^4\})$	10567189850112
6	$\mathcal{O}(5; \{2^4, 3^{18}, 6^4\})$	84537881597952
6	$\mathcal{O}(5; \{3^{21}, 6^4\})$	676302689986560
6	$\mathcal{O}(5; \{2^{25}, 3, 6^5\})$	1330255872
6	$\mathcal{O}(5; \{2^{21}, 3^4, 6^5\})$	10279249920
6	$\mathcal{O}(5; \{2^{17}, 3^7, 6^5\})$	82596796416
6	$\mathcal{O}(5; \{2^{13}, 3^{10}, 6^5\})$	660411574272
6	$\mathcal{O}(5; \{2^9, 3^{13}, 6^5\})$	5283655391232
6	$\mathcal{O}(5; \{2^5, 3^{16}, 6^5\})$	42268880332800
6	$\mathcal{O}(5; \{2, 3^{19}, 6^5\})$	338151405459456
6	$\mathcal{O}(5; \{2^{22}, 3^2, 6^6\})$	5200091136
6	$\mathcal{O}(5; \{2^{18}, 3^5, 6^6\})$	41237932032
6	$\mathcal{O}(5; \{2^{14}, 3^8, 6^6\})$	330266253312
6	$\mathcal{O}(5; \{2^{10}, 3^{11}, 6^6\})$	2641767229440
6	$\mathcal{O}(5; \{2^6, 3^{14}, 6^6\})$	21134500632576
6	$\mathcal{O}(5; \{2^2, 3^{17}, 6^6\})$	169075642263552
6	$\mathcal{O}(5; \{2^{23}, 6^7\})$	2539579392
6	$\mathcal{O}(5; \{2^{19}, 3^3, 6^7\})$	20679432192
6	$\mathcal{O}(5; \{2^{15}, 3^6, 6^7\})$	165072660480
6	$\mathcal{O}(5; \{2^{11}, 3^9, 6^7\})$	1320944080896
6	$\mathcal{O}(5; \{2^7, 3^{12}, 6^7\})$	10567189850112
6	$\mathcal{O}(5; \{2^3, 3^{15}, 6^7\})$	84537881597952
6	$\mathcal{O}(5; \{2^{20}, 3, 6^8\})$	10279249920
6	$\mathcal{O}(5; \{2^{16}, 3^4, 6^8\})$	82596796416
6	$\mathcal{O}(5; \{2^{12}, 3^7, 6^8\})$	660411574272
6	$\mathcal{O}(5; \{2^8, 3^{10}, 6^8\})$	5283655391232
6	$\mathcal{O}(5; \{2^4, 3^{13}, 6^8\})$	42268880332800
6	$\mathcal{O}(5; \{3^{16}, 6^8\})$	338151405459456
6	$\mathcal{O}(5; \{2^{17}, 3^2, 6^9\})$	41237932032

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^{13}, 3^5, 6^9\})$	330266253312
6	$\mathcal{O}(5; \{2^9, 3^8, 6^9\})$	2641767229440
6	$\mathcal{O}(5; \{2^5, 3^{11}, 6^9\})$	21134500632576
6	$\mathcal{O}(5; \{2, 3^{14}, 6^9\})$	169075642263552
6	$\mathcal{O}(5; \{2^{18}, 6^{10}\})$	20679432192
6	$\mathcal{O}(5; \{2^{14}, 3^3, 6^{10}\})$	165072660480
6	$\mathcal{O}(5; \{2^{10}, 3^6, 6^{10}\})$	1320944080896
6	$\mathcal{O}(5; \{2^6, 3^9, 6^{10}\})$	10567189850112
6	$\mathcal{O}(5; \{2^2, 3^{12}, 6^{10}\})$	84537881597952
6	$\mathcal{O}(5; \{2^{15}, 3, 6^{11}\})$	82596796416
6	$\mathcal{O}(5; \{2^{11}, 3^4, 6^{11}\})$	660411574272
6	$\mathcal{O}(5; \{2^7, 3^7, 6^{11}\})$	5283655391232
6	$\mathcal{O}(5; \{2^3, 3^{10}, 6^{11}\})$	42268880332800
6	$\mathcal{O}(5; \{2^{12}, 3^2, 6^{12}\})$	330266253312
6	$\mathcal{O}(5; \{2^8, 3^5, 6^{12}\})$	2641767229440
6	$\mathcal{O}(5; \{2^4, 3^8, 6^{12}\})$	21134500632576
6	$\mathcal{O}(5; \{3^{11}, 6^{12}\})$	169075642263552
6	$\mathcal{O}(5; \{2^{13}, 6^{13}\})$	165072660480
6	$\mathcal{O}(5; \{2^9, 3^3, 6^{13}\})$	1320944080896
6	$\mathcal{O}(5; \{2^5, 3^6, 6^{13}\})$	10567189850112
6	$\mathcal{O}(5; \{2, 3^9, 6^{13}\})$	84537881597952
6	$\mathcal{O}(5; \{2^{10}, 3, 6^{14}\})$	660411574272
6	$\mathcal{O}(5; \{2^6, 3^4, 6^{14}\})$	5283655391232
6	$\mathcal{O}(5; \{2^2, 3^7, 6^{14}\})$	42268880332800
6	$\mathcal{O}(5; \{2^7, 3^2, 6^{15}\})$	2641767229440
6	$\mathcal{O}(5; \{2^3, 3^5, 6^{15}\})$	21134500632576
6	$\mathcal{O}(5; \{2^8, 6^{16}\})$	1320944080896
6	$\mathcal{O}(5; \{2^4, 3^3, 6^{16}\})$	10567189850112
6	$\mathcal{O}(5; \{3^6, 6^{16}\})$	84537881597952
6	$\mathcal{O}(5; \{2^5, 3, 6^{17}\})$	5283655391232
6	$\mathcal{O}(5; \{2, 3^4, 6^{17}\})$	42268880332800
6	$\mathcal{O}(5; \{2^2, 3^2, 6^{18}\})$	21134500632576
6	$\mathcal{O}(5; \{2^3, 6^{19}\})$	10567189850112
6	$\mathcal{O}(5; \{3, 6^{20}\})$	42268880332800
6	$\mathcal{O}(4; \{2^{36}, 3^2\})$	3359232
6	$\mathcal{O}(4; \{2^{32}, 3^5\})$	16796160
6	$\mathcal{O}(4; \{2^{28}, 3^8\})$	144446976
6	$\mathcal{O}(4; \{2^{24}, 3^{11}\})$	1145498112
6	$\mathcal{O}(4; \{2^{20}, 3^{14}\})$	9174062592
6	$\mathcal{O}(4; \{2^{16}, 3^{17}\})$	73382423040
6	$\mathcal{O}(4; \{2^{12}, 3^{20}\})$	587069462016
6	$\mathcal{O}(4; \{2^8, 3^{23}\})$	4696545618432
6	$\mathcal{O}(4; \{2^4, 3^{26}\})$	37572375025152

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{3^{29}\})$	299404853443350
6	$\mathcal{O}(4; \{2^{33}, 3^3, 6\})$	10077696
6	$\mathcal{O}(4; \{2^{29}, 3^6, 6\})$	70543872
6	$\mathcal{O}(4; \{2^{25}, 3^9, 6\})$	574428672
6	$\mathcal{O}(4; \{2^{21}, 3^{12}, 6\})$	4585351680
6	$\mathcal{O}(4; \{2^{17}, 3^{15}, 6\})$	36692891136
6	$\mathcal{O}(4; \{2^{13}, 3^{18}, 6\})$	293533051392
6	$\mathcal{O}(4; \{2^9, 3^{21}, 6\})$	2348274488832
6	$\mathcal{O}(4; \{2^5, 3^{24}, 6\})$	18786185832960
6	$\mathcal{O}(4; \{2, 3^{27}, 6\})$	150289496741376
6	$\mathcal{O}(4; \{2^{34}, 3, 6^2\})$	3359232
6	$\mathcal{O}(4; \{2^{30}, 3^4, 6^2\})$	36951552
6	$\mathcal{O}(4; \{2^{26}, 3^7, 6^2\})$	285534720
6	$\mathcal{O}(4; \{2^{22}, 3^{10}, 6^2\})$	2294355456
6	$\mathcal{O}(4; \{2^{18}, 3^{13}, 6^2\})$	18344765952
6	$\mathcal{O}(4; \{2^{14}, 3^{16}, 6^2\})$	146768205312
6	$\mathcal{O}(4; \{2^{10}, 3^{19}, 6^2\})$	1174135564800
6	$\mathcal{O}(4; \{2^6, 3^{22}, 6^2\})$	9393094596096
6	$\mathcal{O}(4; \{2^2, 3^{25}, 6^2\})$	75144746691072
6	$\mathcal{O}(4; \{2^{31}, 3^2, 6^3\})$	16796160
6	$\mathcal{O}(4; \{2^{27}, 3^5, 6^3\})$	144446976
6	$\mathcal{O}(4; \{2^{23}, 3^8, 6^3\})$	1145498112
6	$\mathcal{O}(4; \{2^{19}, 3^{11}, 6^3\})$	9174062592
6	$\mathcal{O}(4; \{2^{15}, 3^{14}, 6^3\})$	73382423040
6	$\mathcal{O}(4; \{2^{11}, 3^{17}, 6^3\})$	587069462016
6	$\mathcal{O}(4; \{2^7, 3^{20}, 6^3\})$	4696545618432
6	$\mathcal{O}(4; \{2^3, 3^{23}, 6^3\})$	37572375025152
6	$\mathcal{O}(4; \{2^{32}, 6^4\})$	10077696
6	$\mathcal{O}(4; \{2^{28}, 3^3, 6^4\})$	70543872
6	$\mathcal{O}(4; \{2^{24}, 3^6, 6^4\})$	574428672
6	$\mathcal{O}(4; \{2^{20}, 3^9, 6^4\})$	4585351680
6	$\mathcal{O}(4; \{2^{16}, 3^{12}, 6^4\})$	36692891136
6	$\mathcal{O}(4; \{2^{12}, 3^{15}, 6^4\})$	293533051392
6	$\mathcal{O}(4; \{2^8, 3^{18}, 6^4\})$	2348274488832
6	$\mathcal{O}(4; \{2^4, 3^{21}, 6^4\})$	18786185832960
6	$\mathcal{O}(4; \{3^{24}, 6^4\})$	150289496741376
6	$\mathcal{O}(4; \{2^{29}, 3, 6^5\})$	36951552
6	$\mathcal{O}(4; \{2^{25}, 3^4, 6^5\})$	285534720
6	$\mathcal{O}(4; \{2^{21}, 3^7, 6^5\})$	2294355456
6	$\mathcal{O}(4; \{2^{17}, 3^{10}, 6^5\})$	18344765952
6	$\mathcal{O}(4; \{2^{13}, 3^{13}, 6^5\})$	146768205312
6	$\mathcal{O}(4; \{2^9, 3^{16}, 6^5\})$	1174135564800
6	$\mathcal{O}(4; \{2^5, 3^{19}, 6^5\})$	9393094596096

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2, 3^{22}, 6^5\})$	75144746691072
6	$\mathcal{O}(4; \{2^{26}, 3^2, 6^6\})$	144446976
6	$\mathcal{O}(4; \{2^{22}, 3^5, 6^6\})$	1145498112
6	$\mathcal{O}(4; \{2^{18}, 3^8, 6^6\})$	9174062592
6	$\mathcal{O}(4; \{2^{14}, 3^{11}, 6^6\})$	73382423040
6	$\mathcal{O}(4; \{2^{10}, 3^{14}, 6^6\})$	587069462016
6	$\mathcal{O}(4; \{2^6, 3^{17}, 6^6\})$	4696545618432
6	$\mathcal{O}(4; \{2^2, 3^{20}, 6^6\})$	37572375025152
6	$\mathcal{O}(4; \{2^{27}, 6^7\})$	70543872
6	$\mathcal{O}(4; \{2^{23}, 3^3, 6^7\})$	574428672
6	$\mathcal{O}(4; \{2^{19}, 3^6, 6^7\})$	4585351680
6	$\mathcal{O}(4; \{2^{15}, 3^9, 6^7\})$	36692891136
6	$\mathcal{O}(4; \{2^{11}, 3^{12}, 6^7\})$	293533051392
6	$\mathcal{O}(4; \{2^7, 3^{15}, 6^7\})$	2348274488832
6	$\mathcal{O}(4; \{2^3, 3^{18}, 6^7\})$	18786185832960
6	$\mathcal{O}(4; \{2^{24}, 3, 6^8\})$	285534720
6	$\mathcal{O}(4; \{2^{20}, 3^4, 6^8\})$	2294355456
6	$\mathcal{O}(4; \{2^{16}, 3^7, 6^8\})$	18344765952
6	$\mathcal{O}(4; \{2^{12}, 3^{10}, 6^8\})$	146768205312
6	$\mathcal{O}(4; \{2^8, 3^{13}, 6^8\})$	1174135564800
6	$\mathcal{O}(4; \{2^4, 3^{16}, 6^8\})$	9393094596096
6	$\mathcal{O}(4; \{3^{19}, 6^8\})$	75144746691072
6	$\mathcal{O}(4; \{2^{21}, 3^2, 6^9\})$	1145498112
6	$\mathcal{O}(4; \{2^{17}, 3^5, 6^9\})$	9174062592
6	$\mathcal{O}(4; \{2^{13}, 3^8, 6^9\})$	73382423040
6	$\mathcal{O}(4; \{2^9, 3^{11}, 6^9\})$	587069462016
6	$\mathcal{O}(4; \{2^5, 3^{14}, 6^9\})$	4696545618432
6	$\mathcal{O}(4; \{2, 3^{17}, 6^9\})$	37572375025152
6	$\mathcal{O}(4; \{2^{22}, 6^{10}\})$	574428672
6	$\mathcal{O}(4; \{2^{18}, 3^3, 6^{10}\})$	4585351680
6	$\mathcal{O}(4; \{2^{14}, 3^6, 6^{10}\})$	36692891136
6	$\mathcal{O}(4; \{2^{10}, 3^9, 6^{10}\})$	293533051392
6	$\mathcal{O}(4; \{2^6, 3^{12}, 6^{10}\})$	2348274488832
6	$\mathcal{O}(4; \{2^2, 3^{15}, 6^{10}\})$	18786185832960
6	$\mathcal{O}(4; \{2^{19}, 3, 6^{11}\})$	2294355456
6	$\mathcal{O}(4; \{2^{15}, 3^4, 6^{11}\})$	18344765952
6	$\mathcal{O}(4; \{2^{11}, 3^7, 6^{11}\})$	146768205312
6	$\mathcal{O}(4; \{2^7, 3^{10}, 6^{11}\})$	1174135564800
6	$\mathcal{O}(4; \{2^3, 3^{13}, 6^{11}\})$	9393094596096
6	$\mathcal{O}(4; \{2^{16}, 3^2, 6^{12}\})$	9174062592
6	$\mathcal{O}(4; \{2^{12}, 3^5, 6^{12}\})$	73382423040
6	$\mathcal{O}(4; \{2^8, 3^8, 6^{12}\})$	587069462016
6	$\mathcal{O}(4; \{2^4, 3^{11}, 6^{12}\})$	4696545618432

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{3^{14}, 6^{12}\})$	37572375025152
6	$\mathcal{O}(4; \{2^{17}, 6^{13}\})$	4585351680
6	$\mathcal{O}(4; \{2^{13}, 3^3, 6^{13}\})$	36692891136
6	$\mathcal{O}(4; \{2^9, 3^6, 6^{13}\})$	293533051392
6	$\mathcal{O}(4; \{2^5, 3^9, 6^{13}\})$	2348274488832
6	$\mathcal{O}(4; \{2, 3^{12}, 6^{13}\})$	18786185832960
6	$\mathcal{O}(4; \{2^{14}, 3, 6^{14}\})$	18344765952
6	$\mathcal{O}(4; \{2^{10}, 3^4, 6^{14}\})$	146768205312
6	$\mathcal{O}(4; \{2^6, 3^7, 6^{14}\})$	1174135564800
6	$\mathcal{O}(4; \{2^2, 3^{10}, 6^{14}\})$	9393094596096
6	$\mathcal{O}(4; \{2^{11}, 3^2, 6^{15}\})$	73382423040
6	$\mathcal{O}(4; \{2^7, 3^5, 6^{15}\})$	587069462016
6	$\mathcal{O}(4; \{2^3, 3^8, 6^{15}\})$	4696545618432
6	$\mathcal{O}(4; \{2^{12}, 6^{16}\})$	36692891136
6	$\mathcal{O}(4; \{2^8, 3^3, 6^{16}\})$	293533051392
6	$\mathcal{O}(4; \{2^4, 3^6, 6^{16}\})$	2348274488832
6	$\mathcal{O}(4; \{3^9, 6^{16}\})$	18786185832960
6	$\mathcal{O}(4; \{2^9, 3, 6^{17}\})$	146768205312
6	$\mathcal{O}(4; \{2^5, 3^4, 6^{17}\})$	1174135564800
6	$\mathcal{O}(4; \{2, 3^7, 6^{17}\})$	9393094596096
6	$\mathcal{O}(4; \{2^6, 3^2, 6^{18}\})$	587069462016
6	$\mathcal{O}(4; \{2^2, 3^5, 6^{18}\})$	4696545618432
6	$\mathcal{O}(4; \{2^7, 6^{19}\})$	293533051392
6	$\mathcal{O}(4; \{2^3, 3^3, 6^{19}\})$	2348274488832
6	$\mathcal{O}(4; \{2^4, 3, 6^{20}\})$	1174135564800
6	$\mathcal{O}(4; \{3^4, 6^{20}\})$	9393094596096
6	$\mathcal{O}(4; \{2, 3^2, 6^{21}\})$	4696545618432
6	$\mathcal{O}(4; \{2^2, 6^{22}\})$	2348274488832
6	$\mathcal{O}(3; \{2^{40}, 3^2\})$	93312
6	$\mathcal{O}(3; \{2^{36}, 3^5\})$	466560
6	$\mathcal{O}(3; \{2^{32}, 3^8\})$	4012416
6	$\mathcal{O}(3; \{2^{28}, 3^{11}\})$	31819392
6	$\mathcal{O}(3; \{2^{24}, 3^{14}\})$	254835072
6	$\mathcal{O}(3; \{2^{20}, 3^{17}\})$	2038400640
6	$\mathcal{O}(3; \{2^{16}, 3^{20}\})$	16307485056
6	$\mathcal{O}(3; \{2^{12}, 3^{23}\})$	130459600512
6	$\mathcal{O}(3; \{2^8, 3^{26}\})$	1043677084032
6	$\mathcal{O}(3; \{2^4, 3^{29}\})$	8349416392320
6	$\mathcal{O}(3; \{3^{32}\})$	65751654365082
6	$\mathcal{O}(3; \{2^{37}, 3^3, 6\})$	279936
6	$\mathcal{O}(3; \{2^{33}, 3^6, 6\})$	1959552
6	$\mathcal{O}(3; \{2^{29}, 3^9, 6\})$	15956352
6	$\mathcal{O}(3; \{2^{25}, 3^{12}, 6\})$	127370880

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Table 7 – continued from previous page

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

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2, 3^{25}, 6^5\})$	16698832877952
6	$\mathcal{O}(3; \{2^{30}, 3^2, 6^6\})$	4012416
6	$\mathcal{O}(3; \{2^{26}, 3^5, 6^6\})$	31819392
6	$\mathcal{O}(3; \{2^{22}, 3^8, 6^6\})$	254835072
6	$\mathcal{O}(3; \{2^{18}, 3^{11}, 6^6\})$	2038400640
6	$\mathcal{O}(3; \{2^{14}, 3^{14}, 6^6\})$	16307485056
6	$\mathcal{O}(3; \{2^{10}, 3^{17}, 6^6\})$	130459600512
6	$\mathcal{O}(3; \{2^6, 3^{20}, 6^6\})$	1043677084032
6	$\mathcal{O}(3; \{2^2, 3^{23}, 6^6\})$	8349416392320
6	$\mathcal{O}(3; \{2^{31}, 6^7\})$	1959552
6	$\mathcal{O}(3; \{2^{27}, 3^3, 6^7\})$	15956352
6	$\mathcal{O}(3; \{2^{23}, 3^6, 6^7\})$	127370880
6	$\mathcal{O}(3; \{2^{19}, 3^9, 6^7\})$	1019246976
6	$\mathcal{O}(3; \{2^{15}, 3^{12}, 6^7\})$	8153695872
6	$\mathcal{O}(3; \{2^{11}, 3^{15}, 6^7\})$	65229846912
6	$\mathcal{O}(3; \{2^7, 3^{18}, 6^7\})$	521838495360
6	$\mathcal{O}(3; \{2^3, 3^{21}, 6^7\})$	4174708242816
6	$\mathcal{O}(3; \{2^{28}, 3, 6^8\})$	7931520
6	$\mathcal{O}(3; \{2^{24}, 3^4, 6^8\})$	63732096
6	$\mathcal{O}(3; \{2^{20}, 3^7, 6^8\})$	509576832
6	$\mathcal{O}(3; \{2^{16}, 3^{10}, 6^8\})$	4076894592
6	$\mathcal{O}(3; \{2^{12}, 3^{13}, 6^8\})$	32614876800
6	$\mathcal{O}(3; \{2^8, 3^{16}, 6^8\})$	260919294336
6	$\mathcal{O}(3; \{2^4, 3^{19}, 6^8\})$	2087354074752
6	$\mathcal{O}(3; \{3^{22}, 6^8\})$	16698832877952
6	$\mathcal{O}(3; \{2^{25}, 3^2, 6^9\})$	31819392
6	$\mathcal{O}(3; \{2^{21}, 3^5, 6^9\})$	254835072
6	$\mathcal{O}(3; \{2^{17}, 3^8, 6^9\})$	2038400640
6	$\mathcal{O}(3; \{2^{13}, 3^{11}, 6^9\})$	16307485056
6	$\mathcal{O}(3; \{2^9, 3^{14}, 6^9\})$	130459600512
6	$\mathcal{O}(3; \{2^5, 3^{17}, 6^9\})$	1043677084032
6	$\mathcal{O}(3; \{2, 3^{20}, 6^9\})$	8349416392320
6	$\mathcal{O}(3; \{2^{26}, 6^{10}\})$	15956352
6	$\mathcal{O}(3; \{2^{22}, 3^3, 6^{10}\})$	127370880
6	$\mathcal{O}(3; \{2^{18}, 3^6, 6^{10}\})$	1019246976
6	$\mathcal{O}(3; \{2^{14}, 3^9, 6^{10}\})$	8153695872
6	$\mathcal{O}(3; \{2^{10}, 3^{12}, 6^{10}\})$	65229846912
6	$\mathcal{O}(3; \{2^6, 3^{15}, 6^{10}\})$	521838495360
6	$\mathcal{O}(3; \{2^2, 3^{18}, 6^{10}\})$	4174708242816
6	$\mathcal{O}(3; \{2^{23}, 3, 6^{11}\})$	63732096
6	$\mathcal{O}(3; \{2^{19}, 3^4, 6^{11}\})$	509576832
6	$\mathcal{O}(3; \{2^{15}, 3^7, 6^{11}\})$	4076894592
6	$\mathcal{O}(3; \{2^{11}, 3^{10}, 6^{11}\})$	32614876800

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^7, 3^{13}, 6^{11}\})$	260919294336
6	$\mathcal{O}(3; \{2^3, 3^{16}, 6^{11}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{20}, 3^2, 6^{12}\})$	254835072
6	$\mathcal{O}(3; \{2^{16}, 3^5, 6^{12}\})$	2038400640
6	$\mathcal{O}(3; \{2^{12}, 3^8, 6^{12}\})$	16307485056
6	$\mathcal{O}(3; \{2^8, 3^{11}, 6^{12}\})$	130459600512
6	$\mathcal{O}(3; \{2^4, 3^{14}, 6^{12}\})$	1043677084032
6	$\mathcal{O}(3; \{3^{17}, 6^{12}\})$	8349416392320
6	$\mathcal{O}(3; \{2^{21}, 6^{13}\})$	127370880
6	$\mathcal{O}(3; \{2^{17}, 3^3, 6^{13}\})$	1019246976
6	$\mathcal{O}(3; \{2^{13}, 3^6, 6^{13}\})$	8153695872
6	$\mathcal{O}(3; \{2^9, 3^9, 6^{13}\})$	65229846912
6	$\mathcal{O}(3; \{2^5, 3^{12}, 6^{13}\})$	521838495360
6	$\mathcal{O}(3; \{2, 3^{15}, 6^{13}\})$	4174708242816
6	$\mathcal{O}(3; \{2^{18}, 3, 6^{14}\})$	509576832
6	$\mathcal{O}(3; \{2^{14}, 3^4, 6^{14}\})$	4076894592
6	$\mathcal{O}(3; \{2^{10}, 3^7, 6^{14}\})$	32614876800
6	$\mathcal{O}(3; \{2^6, 3^{10}, 6^{14}\})$	260919294336
6	$\mathcal{O}(3; \{2^2, 3^{13}, 6^{14}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{15}, 3^2, 6^{15}\})$	2038400640
6	$\mathcal{O}(3; \{2^{11}, 3^5, 6^{15}\})$	16307485056
6	$\mathcal{O}(3; \{2^7, 3^8, 6^{15}\})$	130459600512
6	$\mathcal{O}(3; \{2^3, 3^{11}, 6^{15}\})$	1043677084032
6	$\mathcal{O}(3; \{2^{16}, 6^{16}\})$	1019246976
6	$\mathcal{O}(3; \{2^{12}, 3^3, 6^{16}\})$	8153695872
6	$\mathcal{O}(3; \{2^8, 3^6, 6^{16}\})$	65229846912
6	$\mathcal{O}(3; \{2^4, 3^9, 6^{16}\})$	521838495360
6	$\mathcal{O}(3; \{3^{12}, 6^{16}\})$	4174708242816
6	$\mathcal{O}(3; \{2^{13}, 3, 6^{17}\})$	4076894592
6	$\mathcal{O}(3; \{2^9, 3^4, 6^{17}\})$	32614876800
6	$\mathcal{O}(3; \{2^5, 3^7, 6^{17}\})$	260919294336
6	$\mathcal{O}(3; \{2, 3^{10}, 6^{17}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{10}, 3^2, 6^{18}\})$	16307485056
6	$\mathcal{O}(3; \{2^6, 3^5, 6^{18}\})$	130459600512
6	$\mathcal{O}(3; \{2^2, 3^8, 6^{18}\})$	1043677084032
6	$\mathcal{O}(3; \{2^{11}, 6^{19}\})$	8153695872
6	$\mathcal{O}(3; \{2^7, 3^3, 6^{19}\})$	65229846912
6	$\mathcal{O}(3; \{2^3, 3^6, 6^{19}\})$	521838495360
6	$\mathcal{O}(3; \{2^8, 3, 6^{20}\})$	32614876800
6	$\mathcal{O}(3; \{2^4, 3^4, 6^{20}\})$	260919294336
6	$\mathcal{O}(3; \{3^7, 6^{20}\})$	2087354074752
6	$\mathcal{O}(3; \{2^5, 3^2, 6^{21}\})$	130459600512
6	$\mathcal{O}(3; \{2, 3^5, 6^{21}\})$	1043677084032

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^6, 6^{22}\})$	65229846912
6	$\mathcal{O}(3; \{2^2, 3^3, 6^{22}\})$	521838495360
6	$\mathcal{O}(3; \{2^3, 3, 6^{23}\})$	260919294336
6	$\mathcal{O}(3; \{3^2, 6^{24}\})$	1043677084032
6	$\mathcal{O}(3; \{2, 6^{25}\})$	521838495360
6	$\mathcal{O}(2; \{2^{44}, 3^2\})$	2592
6	$\mathcal{O}(2; \{2^{40}, 3^5\})$	12960
6	$\mathcal{O}(2; \{2^{36}, 3^8\})$	111456
6	$\mathcal{O}(2; \{2^{32}, 3^{11}\})$	883872
6	$\mathcal{O}(2; \{2^{28}, 3^{14}\})$	7078752
6	$\mathcal{O}(2; \{2^{24}, 3^{17}\})$	56622240
6	$\mathcal{O}(2; \{2^{20}, 3^{20}\})$	452985696
6	$\mathcal{O}(2; \{2^{16}, 3^{23}\})$	3623877792
6	$\mathcal{O}(2; \{2^{12}, 3^{26}\})$	28991030112
6	$\mathcal{O}(2; \{2^8, 3^{29}\})$	231928233120
6	$\mathcal{O}(2; \{2^4, 3^{32}\})$	1855425872736
6	$\mathcal{O}(2; \{3^{35}\})$	13915694038230
6	$\mathcal{O}(2; \{2^{41}, 3^3, 6\})$	7776
6	$\mathcal{O}(2; \{2^{37}, 3^6, 6\})$	54432
6	$\mathcal{O}(2; \{2^{33}, 3^9, 6\})$	443232
6	$\mathcal{O}(2; \{2^{29}, 3^{12}, 6\})$	3538080
6	$\mathcal{O}(2; \{2^{25}, 3^{15}, 6\})$	28312416
6	$\mathcal{O}(2; \{2^{21}, 3^{18}, 6\})$	226491552
6	$\mathcal{O}(2; \{2^{17}, 3^{21}, 6\})$	1811940192
6	$\mathcal{O}(2; \{2^{13}, 3^{24}, 6\})$	14495513760
6	$\mathcal{O}(2; \{2^9, 3^{27}, 6\})$	115964117856
6	$\mathcal{O}(2; \{2^5, 3^{30}, 6\})$	927712935072
6	$\mathcal{O}(2; \{2, 3^{33}, 6\})$	7421703488352
6	$\mathcal{O}(2; \{2^{42}, 3, 6^2\})$	2592
6	$\mathcal{O}(2; \{2^{38}, 3^4, 6^2\})$	28512
6	$\mathcal{O}(2; \{2^{34}, 3^7, 6^2\})$	220320
6	$\mathcal{O}(2; \{2^{30}, 3^{10}, 6^2\})$	1770336
6	$\mathcal{O}(2; \{2^{26}, 3^{13}, 6^2\})$	14154912
6	$\mathcal{O}(2; \{2^{22}, 3^{16}, 6^2\})$	113247072
6	$\mathcal{O}(2; \{2^{18}, 3^{19}, 6^2\})$	905968800
6	$\mathcal{O}(2; \{2^{14}, 3^{22}, 6^2\})$	7247758176
6	$\mathcal{O}(2; \{2^{10}, 3^{25}, 6^2\})$	57982057632
6	$\mathcal{O}(2; \{2^6, 3^{28}, 6^2\})$	463856468832
6	$\mathcal{O}(2; \{2^2, 3^{31}, 6^2\})$	3710851742880
6	$\mathcal{O}(2; \{2^{39}, 3^2, 6^3\})$	12960
6	$\mathcal{O}(2; \{2^{35}, 3^5, 6^3\})$	111456
6	$\mathcal{O}(2; \{2^{31}, 3^8, 6^3\})$	883872
6	$\mathcal{O}(2; \{2^{27}, 3^{11}, 6^3\})$	7078752

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Table 7 – continued from previous page

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

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^7, 3^{21}, 6^7\})$	115964117856
6	$\mathcal{O}(2; \{2^3, 3^{24}, 6^7\})$	927712935072
6	$\mathcal{O}(2; \{2^{32}, 3, 6^8\})$	220320
6	$\mathcal{O}(2; \{2^{28}, 3^4, 6^8\})$	1770336
6	$\mathcal{O}(2; \{2^{24}, 3^7, 6^8\})$	14154912
6	$\mathcal{O}(2; \{2^{20}, 3^{10}, 6^8\})$	113247072
6	$\mathcal{O}(2; \{2^{16}, 3^{13}, 6^8\})$	905968800
6	$\mathcal{O}(2; \{2^{12}, 3^{16}, 6^8\})$	7247758176
6	$\mathcal{O}(2; \{2^8, 3^{19}, 6^8\})$	57982057632
6	$\mathcal{O}(2; \{2^4, 3^{22}, 6^8\})$	463856468832
6	$\mathcal{O}(2; \{3^{25}, 6^8\})$	3710851742880
6	$\mathcal{O}(2; \{2^{29}, 3^2, 6^9\})$	883872
6	$\mathcal{O}(2; \{2^{25}, 3^5, 6^9\})$	7078752
6	$\mathcal{O}(2; \{2^{21}, 3^8, 6^9\})$	56622240
6	$\mathcal{O}(2; \{2^{17}, 3^{11}, 6^9\})$	452985696
6	$\mathcal{O}(2; \{2^{13}, 3^{14}, 6^9\})$	3623877792
6	$\mathcal{O}(2; \{2^9, 3^{17}, 6^9\})$	28991030112
6	$\mathcal{O}(2; \{2^5, 3^{20}, 6^9\})$	231928233120
6	$\mathcal{O}(2; \{2, 3^{23}, 6^9\})$	1855425872736
6	$\mathcal{O}(2; \{2^{30}, 6^{10}\})$	443232
6	$\mathcal{O}(2; \{2^{26}, 3^3, 6^{10}\})$	3538080
6	$\mathcal{O}(2; \{2^{22}, 3^6, 6^{10}\})$	28312416
6	$\mathcal{O}(2; \{2^{18}, 3^9, 6^{10}\})$	226491552
6	$\mathcal{O}(2; \{2^{14}, 3^{12}, 6^{10}\})$	1811940192
6	$\mathcal{O}(2; \{2^{10}, 3^{15}, 6^{10}\})$	14495513760
6	$\mathcal{O}(2; \{2^6, 3^{18}, 6^{10}\})$	115964117856
6	$\mathcal{O}(2; \{2^2, 3^{21}, 6^{10}\})$	927712935072
6	$\mathcal{O}(2; \{2^{27}, 3, 6^{11}\})$	1770336
6	$\mathcal{O}(2; \{2^{23}, 3^4, 6^{11}\})$	14154912
6	$\mathcal{O}(2; \{2^{19}, 3^7, 6^{11}\})$	113247072
6	$\mathcal{O}(2; \{2^{15}, 3^{10}, 6^{11}\})$	905968800
6	$\mathcal{O}(2; \{2^{11}, 3^{13}, 6^{11}\})$	7247758176
6	$\mathcal{O}(2; \{2^7, 3^{16}, 6^{11}\})$	57982057632
6	$\mathcal{O}(2; \{2^3, 3^{19}, 6^{11}\})$	463856468832
6	$\mathcal{O}(2; \{2^{24}, 3^2, 6^{12}\})$	7078752
6	$\mathcal{O}(2; \{2^{20}, 3^5, 6^{12}\})$	56622240
6	$\mathcal{O}(2; \{2^{16}, 3^8, 6^{12}\})$	452985696
6	$\mathcal{O}(2; \{2^{12}, 3^{11}, 6^{12}\})$	3623877792
6	$\mathcal{O}(2; \{2^8, 3^{14}, 6^{12}\})$	28991030112
6	$\mathcal{O}(2; \{2^4, 3^{17}, 6^{12}\})$	231928233120
6	$\mathcal{O}(2; \{3^{20}, 6^{12}\})$	1855425872736
6	$\mathcal{O}(2; \{2^{25}, 6^{13}\})$	3538080
6	$\mathcal{O}(2; \{2^{21}, 3^3, 6^{13}\})$	28312416

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{17}, 3^6, 6^{13}\})$	226491552
6	$\mathcal{O}(2; \{2^{13}, 3^9, 6^{13}\})$	1811940192
6	$\mathcal{O}(2; \{2^9, 3^{12}, 6^{13}\})$	14495513760
6	$\mathcal{O}(2; \{2^5, 3^{15}, 6^{13}\})$	115964117856
6	$\mathcal{O}(2; \{2, 3^{18}, 6^{13}\})$	927712935072
6	$\mathcal{O}(2; \{2^{22}, 3, 6^{14}\})$	14154912
6	$\mathcal{O}(2; \{2^{18}, 3^4, 6^{14}\})$	113247072
6	$\mathcal{O}(2; \{2^{14}, 3^7, 6^{14}\})$	905968800
6	$\mathcal{O}(2; \{2^{10}, 3^{10}, 6^{14}\})$	7247758176
6	$\mathcal{O}(2; \{2^6, 3^{13}, 6^{14}\})$	57982057632
6	$\mathcal{O}(2; \{2^2, 3^{16}, 6^{14}\})$	463856468832
6	$\mathcal{O}(2; \{2^{19}, 3^2, 6^{15}\})$	56622240
6	$\mathcal{O}(2; \{2^{15}, 3^5, 6^{15}\})$	452985696
6	$\mathcal{O}(2; \{2^{11}, 3^8, 6^{15}\})$	3623877792
6	$\mathcal{O}(2; \{2^7, 3^{11}, 6^{15}\})$	28991030112
6	$\mathcal{O}(2; \{2^3, 3^{14}, 6^{15}\})$	231928233120
6	$\mathcal{O}(2; \{2^{20}, 6^{16}\})$	28312416
6	$\mathcal{O}(2; \{2^{16}, 3^3, 6^{16}\})$	226491552
6	$\mathcal{O}(2; \{2^{12}, 3^6, 6^{16}\})$	1811940192
6	$\mathcal{O}(2; \{2^8, 3^9, 6^{16}\})$	14495513760
6	$\mathcal{O}(2; \{2^4, 3^{12}, 6^{16}\})$	115964117856
6	$\mathcal{O}(2; \{3^{15}, 6^{16}\})$	927712935072
6	$\mathcal{O}(2; \{2^{17}, 3, 6^{17}\})$	113247072
6	$\mathcal{O}(2; \{2^{13}, 3^4, 6^{17}\})$	905968800
6	$\mathcal{O}(2; \{2^9, 3^7, 6^{17}\})$	7247758176
6	$\mathcal{O}(2; \{2^5, 3^{10}, 6^{17}\})$	57982057632
6	$\mathcal{O}(2; \{2, 3^{13}, 6^{17}\})$	463856468832
6	$\mathcal{O}(2; \{2^{14}, 3^2, 6^{18}\})$	452985696
6	$\mathcal{O}(2; \{2^{10}, 3^5, 6^{18}\})$	3623877792
6	$\mathcal{O}(2; \{2^6, 3^8, 6^{18}\})$	28991030112
6	$\mathcal{O}(2; \{2^2, 3^{11}, 6^{18}\})$	231928233120
6	$\mathcal{O}(2; \{2^{15}, 6^{19}\})$	226491552
6	$\mathcal{O}(2; \{2^{11}, 3^3, 6^{19}\})$	1811940192
6	$\mathcal{O}(2; \{2^7, 3^6, 6^{19}\})$	14495513760
6	$\mathcal{O}(2; \{2^3, 3^9, 6^{19}\})$	115964117856
6	$\mathcal{O}(2; \{2^{12}, 3, 6^{20}\})$	905968800
6	$\mathcal{O}(2; \{2^8, 3^4, 6^{20}\})$	7247758176
6	$\mathcal{O}(2; \{2^4, 3^7, 6^{20}\})$	57982057632
6	$\mathcal{O}(2; \{3^{10}, 6^{20}\})$	463856468832
6	$\mathcal{O}(2; \{2^9, 3^2, 6^{21}\})$	3623877792
6	$\mathcal{O}(2; \{2^5, 3^5, 6^{21}\})$	28991030112
6	$\mathcal{O}(2; \{2, 3^8, 6^{21}\})$	231928233120
6	$\mathcal{O}(2; \{2^{10}, 6^{22}\})$	1811940192

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^6, 3^3, 6^{22}\})$	14495513760
6	$\mathcal{O}(2; \{2^2, 3^6, 6^{22}\})$	115964117856
6	$\mathcal{O}(2; \{2^7, 3, 6^{23}\})$	7247758176
6	$\mathcal{O}(2; \{2^3, 3^4, 6^{23}\})$	57982057632
6	$\mathcal{O}(2; \{2^4, 3^2, 6^{24}\})$	28991030112
6	$\mathcal{O}(2; \{3^5, 6^{24}\})$	231928233120
6	$\mathcal{O}(2; \{2^5, 6^{25}\})$	14495513760
6	$\mathcal{O}(2; \{2, 3^3, 6^{25}\})$	115964117856
6	$\mathcal{O}(2; \{2^2, 3, 6^{26}\})$	57982057632
6	$\mathcal{O}(2; \{6^{28}\})$	115964117856
6	$\mathcal{O}(1; \{2^{48}, 3^2\})$	72
6	$\mathcal{O}(1; \{2^{44}, 3^5\})$	360
6	$\mathcal{O}(1; \{2^{40}, 3^8\})$	3096
6	$\mathcal{O}(1; \{2^{36}, 3^{11}\})$	24552
6	$\mathcal{O}(1; \{2^{32}, 3^{14}\})$	196632
6	$\mathcal{O}(1; \{2^{28}, 3^{17}\})$	1572840
6	$\mathcal{O}(1; \{2^{24}, 3^{20}\})$	12582936
6	$\mathcal{O}(1; \{2^{20}, 3^{23}\})$	100663272
6	$\mathcal{O}(1; \{2^{16}, 3^{26}\})$	805306392
6	$\mathcal{O}(1; \{2^{12}, 3^{29}\})$	6442450920
6	$\mathcal{O}(1; \{2^8, 3^{32}\})$	51539607576
6	$\mathcal{O}(1; \{2^4, 3^{35}\})$	412316860392
6	$\mathcal{O}(1; \{3^{38}\})$	2473901162514
6	$\mathcal{O}(1; \{2^{45}, 3^3, 6\})$	216
6	$\mathcal{O}(1; \{2^{41}, 3^6, 6\})$	1512
6	$\mathcal{O}(1; \{2^{37}, 3^9, 6\})$	12312
6	$\mathcal{O}(1; \{2^{33}, 3^{12}, 6\})$	98280
6	$\mathcal{O}(1; \{2^{29}, 3^{15}, 6\})$	786456
6	$\mathcal{O}(1; \{2^{25}, 3^{18}, 6\})$	6291432
6	$\mathcal{O}(1; \{2^{21}, 3^{21}, 6\})$	50331672
6	$\mathcal{O}(1; \{2^{17}, 3^{24}, 6\})$	402653160
6	$\mathcal{O}(1; \{2^{13}, 3^{27}, 6\})$	3221225496
6	$\mathcal{O}(1; \{2^9, 3^{30}, 6\})$	25769803752
6	$\mathcal{O}(1; \{2^5, 3^{33}, 6\})$	206158430232
6	$\mathcal{O}(1; \{2, 3^{36}, 6\})$	1649267441640
6	$\mathcal{O}(1; \{2^{46}, 3, 6^2\})$	72
6	$\mathcal{O}(1; \{2^{42}, 3^4, 6^2\})$	792
6	$\mathcal{O}(1; \{2^{38}, 3^7, 6^2\})$	6120
6	$\mathcal{O}(1; \{2^{34}, 3^{10}, 6^2\})$	49176
6	$\mathcal{O}(1; \{2^{30}, 3^{13}, 6^2\})$	393192
6	$\mathcal{O}(1; \{2^{26}, 3^{16}, 6^2\})$	3145752
6	$\mathcal{O}(1; \{2^{22}, 3^{19}, 6^2\})$	25165800
6	$\mathcal{O}(1; \{2^{18}, 3^{22}, 6^2\})$	201326616

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Table 7 – continued from previous page

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

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Table 7 – continued from previous page

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

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{31}, 3, 6^{11}\})$	49176
6	$\mathcal{O}(1; \{2^{27}, 3^4, 6^{11}\})$	393192
6	$\mathcal{O}(1; \{2^{23}, 3^7, 6^{11}\})$	3145752
6	$\mathcal{O}(1; \{2^{19}, 3^{10}, 6^{11}\})$	25165800
6	$\mathcal{O}(1; \{2^{15}, 3^{13}, 6^{11}\})$	201326616
6	$\mathcal{O}(1; \{2^{11}, 3^{16}, 6^{11}\})$	1610612712
6	$\mathcal{O}(1; \{2^7, 3^{19}, 6^{11}\})$	12884901912
6	$\mathcal{O}(1; \{2^3, 3^{22}, 6^{11}\})$	103079215080
6	$\mathcal{O}(1; \{2^{28}, 3^2, 6^{12}\})$	196632
6	$\mathcal{O}(1; \{2^{24}, 3^5, 6^{12}\})$	1572840
6	$\mathcal{O}(1; \{2^{20}, 3^8, 6^{12}\})$	12582936
6	$\mathcal{O}(1; \{2^{16}, 3^{11}, 6^{12}\})$	100663272
6	$\mathcal{O}(1; \{2^{12}, 3^{14}, 6^{12}\})$	805306392
6	$\mathcal{O}(1; \{2^8, 3^{17}, 6^{12}\})$	6442450920
6	$\mathcal{O}(1; \{2^4, 3^{20}, 6^{12}\})$	51539607576
6	$\mathcal{O}(1; \{3^{23}, 6^{12}\})$	412316860392
6	$\mathcal{O}(1; \{2^{29}, 6^{13}\})$	98280
6	$\mathcal{O}(1; \{2^{25}, 3^3, 6^{13}\})$	786456
6	$\mathcal{O}(1; \{2^{21}, 3^6, 6^{13}\})$	6291432
6	$\mathcal{O}(1; \{2^{17}, 3^9, 6^{13}\})$	50331672
6	$\mathcal{O}(1; \{2^{13}, 3^{12}, 6^{13}\})$	402653160
6	$\mathcal{O}(1; \{2^9, 3^{15}, 6^{13}\})$	3221225496
6	$\mathcal{O}(1; \{2^5, 3^{18}, 6^{13}\})$	25769803752
6	$\mathcal{O}(1; \{2, 3^{21}, 6^{13}\})$	206158430232
6	$\mathcal{O}(1; \{2^{26}, 3, 6^{14}\})$	393192
6	$\mathcal{O}(1; \{2^{22}, 3^4, 6^{14}\})$	3145752
6	$\mathcal{O}(1; \{2^{18}, 3^7, 6^{14}\})$	25165800
6	$\mathcal{O}(1; \{2^{14}, 3^{10}, 6^{14}\})$	201326616
6	$\mathcal{O}(1; \{2^{10}, 3^{13}, 6^{14}\})$	1610612712
6	$\mathcal{O}(1; \{2^6, 3^{16}, 6^{14}\})$	12884901912
6	$\mathcal{O}(1; \{2^2, 3^{19}, 6^{14}\})$	103079215080
6	$\mathcal{O}(1; \{2^{23}, 3^2, 6^{15}\})$	1572840
6	$\mathcal{O}(1; \{2^{19}, 3^5, 6^{15}\})$	12582936
6	$\mathcal{O}(1; \{2^{15}, 3^8, 6^{15}\})$	100663272
6	$\mathcal{O}(1; \{2^{11}, 3^{11}, 6^{15}\})$	805306392
6	$\mathcal{O}(1; \{2^7, 3^{14}, 6^{15}\})$	6442450920
6	$\mathcal{O}(1; \{2^3, 3^{17}, 6^{15}\})$	51539607576
6	$\mathcal{O}(1; \{2^{24}, 6^{16}\})$	786456
6	$\mathcal{O}(1; \{2^{20}, 3^3, 6^{16}\})$	6291432
6	$\mathcal{O}(1; \{2^{16}, 3^6, 6^{16}\})$	50331672
6	$\mathcal{O}(1; \{2^{12}, 3^9, 6^{16}\})$	402653160
6	$\mathcal{O}(1; \{2^8, 3^{12}, 6^{16}\})$	3221225496
6	$\mathcal{O}(1; \{2^4, 3^{15}, 6^{16}\})$	25769803752

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Table 7 – continued from previous page

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

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{3^3, 6^{28}\})$	25769803752
6	$\mathcal{O}(1; \{2, 3, 6^{29}\})$	12884901912
6	$\mathcal{O}(0; \{2^{52}, 3^2\})$	2
6	$\mathcal{O}(0; \{2^{48}, 3^5\})$	10
6	$\mathcal{O}(0; \{2^{44}, 3^8\})$	86
6	$\mathcal{O}(0; \{2^{40}, 3^{11}\})$	682
6	$\mathcal{O}(0; \{2^{36}, 3^{14}\})$	5462
6	$\mathcal{O}(0; \{2^{32}, 3^{17}\})$	43690
6	$\mathcal{O}(0; \{2^{28}, 3^{20}\})$	349526
6	$\mathcal{O}(0; \{2^{24}, 3^{23}\})$	2796202
6	$\mathcal{O}(0; \{2^{20}, 3^{26}\})$	22369622
6	$\mathcal{O}(0; \{2^{16}, 3^{29}\})$	178956970
6	$\mathcal{O}(0; \{2^{12}, 3^{32}\})$	1431655766
6	$\mathcal{O}(0; \{2^8, 3^{35}\})$	11453246122
6	$\mathcal{O}(0; \{2^4, 3^{38}\})$	91625968982
6	$\mathcal{O}(0; \{2^{49}, 3^3, 6\})$	6
6	$\mathcal{O}(0; \{2^{45}, 3^6, 6\})$	42
6	$\mathcal{O}(0; \{2^{41}, 3^9, 6\})$	342
6	$\mathcal{O}(0; \{2^{37}, 3^{12}, 6\})$	2730
6	$\mathcal{O}(0; \{2^{33}, 3^{15}, 6\})$	21846
6	$\mathcal{O}(0; \{2^{29}, 3^{18}, 6\})$	174762
6	$\mathcal{O}(0; \{2^{25}, 3^{21}, 6\})$	1398102
6	$\mathcal{O}(0; \{2^{21}, 3^{24}, 6\})$	11184810
6	$\mathcal{O}(0; \{2^{17}, 3^{27}, 6\})$	89478486
6	$\mathcal{O}(0; \{2^{13}, 3^{30}, 6\})$	715827882
6	$\mathcal{O}(0; \{2^9, 3^{33}, 6\})$	5726623062
6	$\mathcal{O}(0; \{2^5, 3^{36}, 6\})$	45812984490
6	$\mathcal{O}(0; \{2, 3^{39}, 6\})$	366503875926
6	$\mathcal{O}(0; \{2^{50}, 3, 6^2\})$	2
6	$\mathcal{O}(0; \{2^{46}, 3^4, 6^2\})$	22
6	$\mathcal{O}(0; \{2^{42}, 3^7, 6^2\})$	170
6	$\mathcal{O}(0; \{2^{38}, 3^{10}, 6^2\})$	1366
6	$\mathcal{O}(0; \{2^{34}, 3^{13}, 6^2\})$	10922
6	$\mathcal{O}(0; \{2^{30}, 3^{16}, 6^2\})$	87382
6	$\mathcal{O}(0; \{2^{26}, 3^{19}, 6^2\})$	699050
6	$\mathcal{O}(0; \{2^{22}, 3^{22}, 6^2\})$	5592406
6	$\mathcal{O}(0; \{2^{18}, 3^{25}, 6^2\})$	44739242
6	$\mathcal{O}(0; \{2^{14}, 3^{28}, 6^2\})$	357913942
6	$\mathcal{O}(0; \{2^{10}, 3^{31}, 6^2\})$	2863311530
6	$\mathcal{O}(0; \{2^6, 3^{34}, 6^2\})$	22906492246
6	$\mathcal{O}(0; \{2^2, 3^{37}, 6^2\})$	183251937962
6	$\mathcal{O}(0; \{2^{47}, 3^2, 6^3\})$	10
6	$\mathcal{O}(0; \{2^{43}, 3^5, 6^3\})$	86

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Table 7 – continued from previous page

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

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Table 7 – continued from previous page

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

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Table 7 – continued from previous page

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

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^3, 3^{20}, 6^{15}\})$	11453246122
6	$\mathcal{O}(0; \{2^{28}, 6^{16}\})$	21846
6	$\mathcal{O}(0; \{2^{24}, 3^3, 6^{16}\})$	174762
6	$\mathcal{O}(0; \{2^{20}, 3^6, 6^{16}\})$	1398102
6	$\mathcal{O}(0; \{2^{16}, 3^9, 6^{16}\})$	11184810
6	$\mathcal{O}(0; \{2^{12}, 3^{12}, 6^{16}\})$	89478486
6	$\mathcal{O}(0; \{2^8, 3^{15}, 6^{16}\})$	715827882
6	$\mathcal{O}(0; \{2^4, 3^{18}, 6^{16}\})$	5726623062
6	$\mathcal{O}(0; \{3^{21}, 6^{16}\})$	45812984490
6	$\mathcal{O}(0; \{2^{25}, 3, 6^{17}\})$	87382
6	$\mathcal{O}(0; \{2^{21}, 3^4, 6^{17}\})$	699050
6	$\mathcal{O}(0; \{2^{17}, 3^7, 6^{17}\})$	5592406
6	$\mathcal{O}(0; \{2^{13}, 3^{10}, 6^{17}\})$	44739242
6	$\mathcal{O}(0; \{2^9, 3^{13}, 6^{17}\})$	357913942
6	$\mathcal{O}(0; \{2^5, 3^{16}, 6^{17}\})$	2863311530
6	$\mathcal{O}(0; \{2, 3^{19}, 6^{17}\})$	22906492246
6	$\mathcal{O}(0; \{2^{22}, 3^2, 6^{18}\})$	349526
6	$\mathcal{O}(0; \{2^{18}, 3^5, 6^{18}\})$	2796202
6	$\mathcal{O}(0; \{2^{14}, 3^8, 6^{18}\})$	22369622
6	$\mathcal{O}(0; \{2^{10}, 3^{11}, 6^{18}\})$	178956970
6	$\mathcal{O}(0; \{2^6, 3^{14}, 6^{18}\})$	1431655766
6	$\mathcal{O}(0; \{2^2, 3^{17}, 6^{18}\})$	11453246122
6	$\mathcal{O}(0; \{2^{23}, 6^{19}\})$	174762
6	$\mathcal{O}(0; \{2^{19}, 3^3, 6^{19}\})$	1398102
6	$\mathcal{O}(0; \{2^{15}, 3^6, 6^{19}\})$	11184810
6	$\mathcal{O}(0; \{2^{11}, 3^9, 6^{19}\})$	89478486
6	$\mathcal{O}(0; \{2^7, 3^{12}, 6^{19}\})$	715827882
6	$\mathcal{O}(0; \{2^3, 3^{15}, 6^{19}\})$	5726623062
6	$\mathcal{O}(0; \{2^{20}, 3, 6^{20}\})$	699050
6	$\mathcal{O}(0; \{2^{16}, 3^4, 6^{20}\})$	5592406
6	$\mathcal{O}(0; \{2^{12}, 3^7, 6^{20}\})$	44739242
6	$\mathcal{O}(0; \{2^8, 3^{10}, 6^{20}\})$	357913942
6	$\mathcal{O}(0; \{2^4, 3^{13}, 6^{20}\})$	2863311530
6	$\mathcal{O}(0; \{3^{16}, 6^{20}\})$	22906492246
6	$\mathcal{O}(0; \{2^{17}, 3^2, 6^{21}\})$	2796202
6	$\mathcal{O}(0; \{2^{13}, 3^5, 6^{21}\})$	22369622
6	$\mathcal{O}(0; \{2^9, 3^8, 6^{21}\})$	178956970
6	$\mathcal{O}(0; \{2^5, 3^{11}, 6^{21}\})$	1431655766
6	$\mathcal{O}(0; \{2, 3^{14}, 6^{21}\})$	11453246122
6	$\mathcal{O}(0; \{2^{18}, 6^{22}\})$	1398102
6	$\mathcal{O}(0; \{2^{14}, 3^3, 6^{22}\})$	11184810
6	$\mathcal{O}(0; \{2^{10}, 3^6, 6^{22}\})$	89478486
6	$\mathcal{O}(0; \{2^6, 3^9, 6^{22}\})$	715827882

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^2, 3^{12}, 6^{22}\})$	5726623062
6	$\mathcal{O}(0; \{2^{15}, 3, 6^{23}\})$	5592406
6	$\mathcal{O}(0; \{2^{11}, 3^4, 6^{23}\})$	44739242
6	$\mathcal{O}(0; \{2^7, 3^7, 6^{23}\})$	357913942
6	$\mathcal{O}(0; \{2^3, 3^{10}, 6^{23}\})$	2863311530
6	$\mathcal{O}(0; \{2^{12}, 3^2, 6^{24}\})$	22369622
6	$\mathcal{O}(0; \{2^8, 3^5, 6^{24}\})$	178956970
6	$\mathcal{O}(0; \{2^4, 3^8, 6^{24}\})$	1431655766
6	$\mathcal{O}(0; \{3^{11}, 6^{24}\})$	11453246122
6	$\mathcal{O}(0; \{2^{13}, 6^{25}\})$	11184810
6	$\mathcal{O}(0; \{2^9, 3^3, 6^{25}\})$	89478486
6	$\mathcal{O}(0; \{2^5, 3^6, 6^{25}\})$	715827882
6	$\mathcal{O}(0; \{2, 3^9, 6^{25}\})$	5726623062
6	$\mathcal{O}(0; \{2^{10}, 3, 6^{26}\})$	44739242
6	$\mathcal{O}(0; \{2^6, 3^4, 6^{26}\})$	357913942
6	$\mathcal{O}(0; \{2^2, 3^7, 6^{26}\})$	2863311530
6	$\mathcal{O}(0; \{2^7, 3^2, 6^{27}\})$	178956970
6	$\mathcal{O}(0; \{2^3, 3^5, 6^{27}\})$	1431655766
6	$\mathcal{O}(0; \{2^8, 6^{28}\})$	89478486
6	$\mathcal{O}(0; \{2^4, 3^3, 6^{28}\})$	715827882
6	$\mathcal{O}(0; \{3^6, 6^{28}\})$	5726623062
6	$\mathcal{O}(0; \{2^5, 3, 6^{29}\})$	357913942
6	$\mathcal{O}(0; \{2, 3^4, 6^{29}\})$	2863311530
6	$\mathcal{O}(0; \{2^2, 3^2, 6^{30}\})$	1431655766
6	$\mathcal{O}(0; \{2^3, 6^{31}\})$	715827882
6	$\mathcal{O}(0; \{3, 6^{32}\})$	2863311530
7	$\mathcal{O}(11; \{7^2\})$	23458926291497928294
7	$\mathcal{O}(8; \{7^9\})$	47844453153137471670
7	$\mathcal{O}(5; \{7^{16}\})$	113841960509527915434
7	$\mathcal{O}(2; \{7^{23}\})$	270877466507385763830
8	$\mathcal{O}(10; \{2^2\})$	1152920405095219200
8	$\mathcal{O}(9; \{2^6\})$	18014329790005248
8	$\mathcal{O}(9; \{2^3, 4^2\})$	36028659580010496
8	$\mathcal{O}(9; \{4^4\})$	144114638320041984
8	$\mathcal{O}(9; \{2, 4, 8^2\})$	144115188075855872
8	$\mathcal{O}(8; \{2^{10}\})$	281470681743360
8	$\mathcal{O}(8; \{2^7, 4^2\})$	562941363486720
8	$\mathcal{O}(8; \{2^4, 4^4\})$	2251765453946880
8	$\mathcal{O}(8; \{2, 4^6\})$	9007061815787520
8	$\mathcal{O}(8; \{2^5, 4, 8^2\})$	2251799813685248
8	$\mathcal{O}(8; \{2^2, 4^3, 8^2\})$	9007199254740992
8	$\mathcal{O}(8; \{2^3, 8^4\})$	18014398509481984
8	$\mathcal{O}(8; \{4^2, 8^4\})$	72057594037927936

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(7; \{2^{14}\})$	4397778075648
8	$\mathcal{O}(7; \{2^{11}, 4^2\})$	8795556151296
8	$\mathcal{O}(7; \{2^8, 4^4\})$	35182224605184
8	$\mathcal{O}(7; \{2^5, 4^6\})$	140728898420736
8	$\mathcal{O}(7; \{2^2, 4^8\})$	562915593682944
8	$\mathcal{O}(7; \{2^9, 4, 8^2\})$	35184372088832
8	$\mathcal{O}(7; \{2^6, 4^3, 8^2\})$	140737488355328
8	$\mathcal{O}(7; \{2^3, 4^5, 8^2\})$	562949953421312
8	$\mathcal{O}(7; \{4^7, 8^2\})$	2251799813685248
8	$\mathcal{O}(7; \{2^7, 8^4\})$	281474976710656
8	$\mathcal{O}(7; \{2^4, 4^2, 8^4\})$	1125899906842624
8	$\mathcal{O}(7; \{2, 4^4, 8^4\})$	4503599627370496
8	$\mathcal{O}(7; \{2^2, 4, 8^6\})$	9007199254740992
8	$\mathcal{O}(7; \{8^8\})$	72057594037927936
8	$\mathcal{O}(6; \{2^{18}\})$	68702699520
8	$\mathcal{O}(6; \{2^{15}, 4^2\})$	137405399040
8	$\mathcal{O}(6; \{2^{12}, 4^4\})$	549621596160
8	$\mathcal{O}(6; \{2^9, 4^6\})$	2198486384640
8	$\mathcal{O}(6; \{2^6, 4^8\})$	8793945538560
8	$\mathcal{O}(6; \{2^3, 4^{10}\})$	35175782154240
8	$\mathcal{O}(6; \{4^{12}\})$	140703128616960
8	$\mathcal{O}(6; \{2^{13}, 4, 8^2\})$	549755813888
8	$\mathcal{O}(6; \{2^{10}, 4^3, 8^2\})$	2199023255552
8	$\mathcal{O}(6; \{2^7, 4^5, 8^2\})$	8796093022208
8	$\mathcal{O}(6; \{2^4, 4^7, 8^2\})$	35184372088832
8	$\mathcal{O}(6; \{2, 4^9, 8^2\})$	140737488355328
8	$\mathcal{O}(6; \{2^{11}, 8^4\})$	4398046511104
8	$\mathcal{O}(6; \{2^8, 4^2, 8^4\})$	17592186044416
8	$\mathcal{O}(6; \{2^5, 4^4, 8^4\})$	70368744177664
8	$\mathcal{O}(6; \{2^2, 4^6, 8^4\})$	281474976710656
8	$\mathcal{O}(6; \{2^6, 4, 8^6\})$	140737488355328
8	$\mathcal{O}(6; \{2^3, 4^3, 8^6\})$	562949953421312
8	$\mathcal{O}(6; \{4^5, 8^6\})$	2251799813685248
8	$\mathcal{O}(6; \{2^4, 8^8\})$	1125899906842624
8	$\mathcal{O}(6; \{2, 4^2, 8^8\})$	4503599627370496
8	$\mathcal{O}(5; \{2^{22}\})$	1072693248
8	$\mathcal{O}(5; \{2^{19}, 4^2\})$	2145386496
8	$\mathcal{O}(5; \{2^{16}, 4^4\})$	8581545984
8	$\mathcal{O}(5; \{2^{13}, 4^6\})$	34326183936
8	$\mathcal{O}(5; \{2^{10}, 4^8\})$	137304735744
8	$\mathcal{O}(5; \{2^7, 4^{10}\})$	549218942976
8	$\mathcal{O}(5; \{2^4, 4^{12}\})$	2196875771904
8	$\mathcal{O}(5; \{2, 4^{14}\})$	8787503087616

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{2^{17}, 4, 8^2\})$	8589934592
8	$\mathcal{O}(5; \{2^{14}, 4^3, 8^2\})$	34359738368
8	$\mathcal{O}(5; \{2^{11}, 4^5, 8^2\})$	137438953472
8	$\mathcal{O}(5; \{2^8, 4^7, 8^2\})$	549755813888
8	$\mathcal{O}(5; \{2^5, 4^9, 8^2\})$	2199023255552
8	$\mathcal{O}(5; \{2^2, 4^{11}, 8^2\})$	8796093022208
8	$\mathcal{O}(5; \{2^{15}, 8^4\})$	68719476736
8	$\mathcal{O}(5; \{2^{12}, 4^2, 8^4\})$	274877906944
8	$\mathcal{O}(5; \{2^9, 4^4, 8^4\})$	1099511627776
8	$\mathcal{O}(5; \{2^6, 4^6, 8^4\})$	4398046511104
8	$\mathcal{O}(5; \{2^3, 4^8, 8^4\})$	17592186044416
8	$\mathcal{O}(5; \{4^{10}, 8^4\})$	70368744177664
8	$\mathcal{O}(5; \{2^{10}, 4, 8^6\})$	2199023255552
8	$\mathcal{O}(5; \{2^7, 4^3, 8^6\})$	8796093022208
8	$\mathcal{O}(5; \{2^4, 4^5, 8^6\})$	35184372088832
8	$\mathcal{O}(5; \{2, 4^7, 8^6\})$	140737488355328
8	$\mathcal{O}(5; \{2^8, 8^8\})$	17592186044416
8	$\mathcal{O}(5; \{2^5, 4^2, 8^8\})$	70368744177664
8	$\mathcal{O}(5; \{2^2, 4^4, 8^8\})$	281474976710656
8	$\mathcal{O}(5; \{2^3, 4, 8^{10}\})$	562949953421312
8	$\mathcal{O}(5; \{4^3, 8^{10}\})$	2251799813685248
8	$\mathcal{O}(5; \{2, 8^{12}\})$	4503599627370496
8	$\mathcal{O}(4; \{2^{26}\})$	16711680
8	$\mathcal{O}(4; \{2^{23}, 4^2\})$	33423360
8	$\mathcal{O}(4; \{2^{20}, 4^4\})$	133693440
8	$\mathcal{O}(4; \{2^{17}, 4^6\})$	534773760
8	$\mathcal{O}(4; \{2^{14}, 4^8\})$	2139095040
8	$\mathcal{O}(4; \{2^{11}, 4^{10}\})$	8556380160
8	$\mathcal{O}(4; \{2^8, 4^{12}\})$	34225520640
8	$\mathcal{O}(4; \{2^5, 4^{14}\})$	136902082560
8	$\mathcal{O}(4; \{2^2, 4^{16}\})$	547608330240
8	$\mathcal{O}(4; \{2^{21}, 4, 8^2\})$	134217728
8	$\mathcal{O}(4; \{2^{18}, 4^3, 8^2\})$	536870912
8	$\mathcal{O}(4; \{2^{15}, 4^5, 8^2\})$	2147483648
8	$\mathcal{O}(4; \{2^{12}, 4^7, 8^2\})$	8589934592
8	$\mathcal{O}(4; \{2^9, 4^9, 8^2\})$	34359738368
8	$\mathcal{O}(4; \{2^6, 4^{11}, 8^2\})$	137438953472
8	$\mathcal{O}(4; \{2^3, 4^{13}, 8^2\})$	549755813888
8	$\mathcal{O}(4; \{4^{15}, 8^2\})$	2199023255552
8	$\mathcal{O}(4; \{2^{19}, 8^4\})$	1073741824
8	$\mathcal{O}(4; \{2^{16}, 4^2, 8^4\})$	4294967296
8	$\mathcal{O}(4; \{2^{13}, 4^4, 8^4\})$	17179869184
8	$\mathcal{O}(4; \{2^{10}, 4^6, 8^4\})$	68719476736

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{2^7, 4^8, 8^4\})$	274877906944
8	$\mathcal{O}(4; \{2^4, 4^{10}, 8^4\})$	1099511627776
8	$\mathcal{O}(4; \{2, 4^{12}, 8^4\})$	4398046511104
8	$\mathcal{O}(4; \{2^{14}, 4, 8^6\})$	34359738368
8	$\mathcal{O}(4; \{2^{11}, 4^3, 8^6\})$	137438953472
8	$\mathcal{O}(4; \{2^8, 4^5, 8^6\})$	549755813888
8	$\mathcal{O}(4; \{2^5, 4^7, 8^6\})$	2199023255552
8	$\mathcal{O}(4; \{2^2, 4^9, 8^6\})$	8796093022208
8	$\mathcal{O}(4; \{2^{12}, 8^8\})$	274877906944
8	$\mathcal{O}(4; \{2^9, 4^2, 8^8\})$	1099511627776
8	$\mathcal{O}(4; \{2^6, 4^4, 8^8\})$	4398046511104
8	$\mathcal{O}(4; \{2^3, 4^6, 8^8\})$	17592186044416
8	$\mathcal{O}(4; \{4^8, 8^8\})$	70368744177664
8	$\mathcal{O}(4; \{2^7, 4, 8^{10}\})$	8796093022208
8	$\mathcal{O}(4; \{2^4, 4^3, 8^{10}\})$	35184372088832
8	$\mathcal{O}(4; \{2, 4^5, 8^{10}\})$	140737488355328
8	$\mathcal{O}(4; \{2^5, 8^{12}\})$	70368744177664
8	$\mathcal{O}(4; \{2^2, 4^2, 8^{12}\})$	281474976710656
8	$\mathcal{O}(4; \{4, 8^{14}\})$	2251799813685248
8	$\mathcal{O}(3; \{2^{30}\})$	258048
8	$\mathcal{O}(3; \{2^{27}, 4^2\})$	516096
8	$\mathcal{O}(3; \{2^{24}, 4^4\})$	2064384
8	$\mathcal{O}(3; \{2^{21}, 4^6\})$	8257536
8	$\mathcal{O}(3; \{2^{18}, 4^8\})$	33030144
8	$\mathcal{O}(3; \{2^{15}, 4^{10}\})$	132120576
8	$\mathcal{O}(3; \{2^{12}, 4^{12}\})$	528482304
8	$\mathcal{O}(3; \{2^9, 4^{14}\})$	2113929216
8	$\mathcal{O}(3; \{2^6, 4^{16}\})$	8455716864
8	$\mathcal{O}(3; \{2^3, 4^{18}\})$	33822867456
8	$\mathcal{O}(3; \{4^{20}\})$	135291469824
8	$\mathcal{O}(3; \{2^{25}, 4, 8^2\})$	2097152
8	$\mathcal{O}(3; \{2^{22}, 4^3, 8^2\})$	8388608
8	$\mathcal{O}(3; \{2^{19}, 4^5, 8^2\})$	33554432
8	$\mathcal{O}(3; \{2^{16}, 4^7, 8^2\})$	134217728
8	$\mathcal{O}(3; \{2^{13}, 4^9, 8^2\})$	536870912
8	$\mathcal{O}(3; \{2^{10}, 4^{11}, 8^2\})$	2147483648
8	$\mathcal{O}(3; \{2^7, 4^{13}, 8^2\})$	8589934592
8	$\mathcal{O}(3; \{2^4, 4^{15}, 8^2\})$	34359738368
8	$\mathcal{O}(3; \{2, 4^{17}, 8^2\})$	137438953472
8	$\mathcal{O}(3; \{2^{23}, 8^4\})$	16777216
8	$\mathcal{O}(3; \{2^{20}, 4^2, 8^4\})$	67108864
8	$\mathcal{O}(3; \{2^{17}, 4^4, 8^4\})$	268435456
8	$\mathcal{O}(3; \{2^{14}, 4^6, 8^4\})$	1073741824

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{2^{11}, 4^8, 8^4\})$	4294967296
8	$\mathcal{O}(3; \{2^8, 4^{10}, 8^4\})$	17179869184
8	$\mathcal{O}(3; \{2^5, 4^{12}, 8^4\})$	68719476736
8	$\mathcal{O}(3; \{2^2, 4^{14}, 8^4\})$	274877906944
8	$\mathcal{O}(3; \{2^{18}, 4, 8^6\})$	536870912
8	$\mathcal{O}(3; \{2^{15}, 4^3, 8^6\})$	2147483648
8	$\mathcal{O}(3; \{2^{12}, 4^5, 8^6\})$	8589934592
8	$\mathcal{O}(3; \{2^9, 4^7, 8^6\})$	34359738368
8	$\mathcal{O}(3; \{2^6, 4^9, 8^6\})$	137438953472
8	$\mathcal{O}(3; \{2^3, 4^{11}, 8^6\})$	549755813888
8	$\mathcal{O}(3; \{4^{13}, 8^6\})$	2199023255552
8	$\mathcal{O}(3; \{2^{16}, 8^8\})$	4294967296
8	$\mathcal{O}(3; \{2^{13}, 4^2, 8^8\})$	17179869184
8	$\mathcal{O}(3; \{2^{10}, 4^4, 8^8\})$	68719476736
8	$\mathcal{O}(3; \{2^7, 4^6, 8^8\})$	274877906944
8	$\mathcal{O}(3; \{2^4, 4^8, 8^8\})$	1099511627776
8	$\mathcal{O}(3; \{2, 4^{10}, 8^8\})$	4398046511104
8	$\mathcal{O}(3; \{2^{11}, 4, 8^{10}\})$	137438953472
8	$\mathcal{O}(3; \{2^8, 4^3, 8^{10}\})$	549755813888
8	$\mathcal{O}(3; \{2^5, 4^5, 8^{10}\})$	2199023255552
8	$\mathcal{O}(3; \{2^2, 4^7, 8^{10}\})$	8796093022208
8	$\mathcal{O}(3; \{2^9, 8^{12}\})$	1099511627776
8	$\mathcal{O}(3; \{2^6, 4^2, 8^{12}\})$	4398046511104
8	$\mathcal{O}(3; \{2^3, 4^4, 8^{12}\})$	17592186044416
8	$\mathcal{O}(3; \{4^6, 8^{12}\})$	70368744177664
8	$\mathcal{O}(3; \{2^4, 4, 8^{14}\})$	35184372088832
8	$\mathcal{O}(3; \{2, 4^3, 8^{14}\})$	140737488355328
8	$\mathcal{O}(3; \{2^2, 8^{16}\})$	281474976710656
8	$\mathcal{O}(2; \{2^{34}\})$	3840
8	$\mathcal{O}(2; \{2^{31}, 4^2\})$	7680
8	$\mathcal{O}(2; \{2^{28}, 4^4\})$	30720
8	$\mathcal{O}(2; \{2^{25}, 4^6\})$	122880
8	$\mathcal{O}(2; \{2^{22}, 4^8\})$	491520
8	$\mathcal{O}(2; \{2^{19}, 4^{10}\})$	1966080
8	$\mathcal{O}(2; \{2^{16}, 4^{12}\})$	7864320
8	$\mathcal{O}(2; \{2^{13}, 4^{14}\})$	31457280
8	$\mathcal{O}(2; \{2^{10}, 4^{16}\})$	125829120
8	$\mathcal{O}(2; \{2^7, 4^{18}\})$	503316480
8	$\mathcal{O}(2; \{2^4, 4^{20}\})$	2013265920
8	$\mathcal{O}(2; \{2, 4^{22}\})$	8053063680
8	$\mathcal{O}(2; \{2^{29}, 4, 8^2\})$	32768
8	$\mathcal{O}(2; \{2^{26}, 4^3, 8^2\})$	131072
8	$\mathcal{O}(2; \{2^{23}, 4^5, 8^2\})$	524288

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^{20}, 4^7, 8^2\})$	2097152
8	$\mathcal{O}(2; \{2^{17}, 4^9, 8^2\})$	8388608
8	$\mathcal{O}(2; \{2^{14}, 4^{11}, 8^2\})$	33554432
8	$\mathcal{O}(2; \{2^{11}, 4^{13}, 8^2\})$	134217728
8	$\mathcal{O}(2; \{2^8, 4^{15}, 8^2\})$	536870912
8	$\mathcal{O}(2; \{2^5, 4^{17}, 8^2\})$	2147483648
8	$\mathcal{O}(2; \{2^2, 4^{19}, 8^2\})$	8589934592
8	$\mathcal{O}(2; \{2^{27}, 8^4\})$	262144
8	$\mathcal{O}(2; \{2^{24}, 4^2, 8^4\})$	1048576
8	$\mathcal{O}(2; \{2^{21}, 4^4, 8^4\})$	4194304
8	$\mathcal{O}(2; \{2^{18}, 4^6, 8^4\})$	16777216
8	$\mathcal{O}(2; \{2^{15}, 4^8, 8^4\})$	67108864
8	$\mathcal{O}(2; \{2^{12}, 4^{10}, 8^4\})$	268435456
8	$\mathcal{O}(2; \{2^9, 4^{12}, 8^4\})$	1073741824
8	$\mathcal{O}(2; \{2^6, 4^{14}, 8^4\})$	4294967296
8	$\mathcal{O}(2; \{2^3, 4^{16}, 8^4\})$	17179869184
8	$\mathcal{O}(2; \{4^{18}, 8^4\})$	68719476736
8	$\mathcal{O}(2; \{2^{22}, 4, 8^6\})$	8388608
8	$\mathcal{O}(2; \{2^{19}, 4^3, 8^6\})$	33554432
8	$\mathcal{O}(2; \{2^{16}, 4^5, 8^6\})$	134217728
8	$\mathcal{O}(2; \{2^{13}, 4^7, 8^6\})$	536870912
8	$\mathcal{O}(2; \{2^{10}, 4^9, 8^6\})$	2147483648
8	$\mathcal{O}(2; \{2^7, 4^{11}, 8^6\})$	8589934592
8	$\mathcal{O}(2; \{2^4, 4^{13}, 8^6\})$	34359738368
8	$\mathcal{O}(2; \{2, 4^{15}, 8^6\})$	137438953472
8	$\mathcal{O}(2; \{2^{20}, 8^8\})$	67108864
8	$\mathcal{O}(2; \{2^{17}, 4^2, 8^8\})$	268435456
8	$\mathcal{O}(2; \{2^{14}, 4^4, 8^8\})$	1073741824
8	$\mathcal{O}(2; \{2^{11}, 4^6, 8^8\})$	4294967296
8	$\mathcal{O}(2; \{2^8, 4^8, 8^8\})$	17179869184
8	$\mathcal{O}(2; \{2^5, 4^{10}, 8^8\})$	68719476736
8	$\mathcal{O}(2; \{2^2, 4^{12}, 8^8\})$	274877906944
8	$\mathcal{O}(2; \{2^{15}, 4, 8^{10}\})$	2147483648
8	$\mathcal{O}(2; \{2^{12}, 4^3, 8^{10}\})$	8589934592
8	$\mathcal{O}(2; \{2^9, 4^5, 8^{10}\})$	34359738368
8	$\mathcal{O}(2; \{2^6, 4^7, 8^{10}\})$	137438953472
8	$\mathcal{O}(2; \{2^3, 4^9, 8^{10}\})$	549755813888
8	$\mathcal{O}(2; \{4^{11}, 8^{10}\})$	2199023255552
8	$\mathcal{O}(2; \{2^{13}, 8^{12}\})$	17179869184
8	$\mathcal{O}(2; \{2^{10}, 4^2, 8^{12}\})$	68719476736
8	$\mathcal{O}(2; \{2^7, 4^4, 8^{12}\})$	274877906944
8	$\mathcal{O}(2; \{2^4, 4^6, 8^{12}\})$	1099511627776
8	$\mathcal{O}(2; \{2, 4^8, 8^{12}\})$	4398046511104

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^8, 4, 8^{14}\})$	549755813888
8	$\mathcal{O}(2; \{2^5, 4^3, 8^{14}\})$	2199023255552
8	$\mathcal{O}(2; \{2^2, 4^5, 8^{14}\})$	8796093022208
8	$\mathcal{O}(2; \{2^6, 8^{16}\})$	4398046511104
8	$\mathcal{O}(2; \{2^3, 4^2, 8^{16}\})$	17592186044416
8	$\mathcal{O}(2; \{4^4, 8^{16}\})$	70368744177664
8	$\mathcal{O}(2; \{2, 4, 8^{18}\})$	140737488355328
8	$\mathcal{O}(1; \{2^{38}\})$	48
8	$\mathcal{O}(1; \{2^{35}, 4^2\})$	96
8	$\mathcal{O}(1; \{2^{32}, 4^4\})$	384
8	$\mathcal{O}(1; \{2^{29}, 4^6\})$	1536
8	$\mathcal{O}(1; \{2^{26}, 4^8\})$	6144
8	$\mathcal{O}(1; \{2^{23}, 4^{10}\})$	24576
8	$\mathcal{O}(1; \{2^{20}, 4^{12}\})$	98304
8	$\mathcal{O}(1; \{2^{17}, 4^{14}\})$	393216
8	$\mathcal{O}(1; \{2^{14}, 4^{16}\})$	1572864
8	$\mathcal{O}(1; \{2^{11}, 4^{18}\})$	6291456
8	$\mathcal{O}(1; \{2^8, 4^{20}\})$	25165824
8	$\mathcal{O}(1; \{2^5, 4^{22}\})$	100663296
8	$\mathcal{O}(1; \{2^2, 4^{24}\})$	402653184
8	$\mathcal{O}(1; \{2^{33}, 4, 8^2\})$	512
8	$\mathcal{O}(1; \{2^{30}, 4^3, 8^2\})$	2048
8	$\mathcal{O}(1; \{2^{27}, 4^5, 8^2\})$	8192
8	$\mathcal{O}(1; \{2^{24}, 4^7, 8^2\})$	32768
8	$\mathcal{O}(1; \{2^{21}, 4^9, 8^2\})$	131072
8	$\mathcal{O}(1; \{2^{18}, 4^{11}, 8^2\})$	524288
8	$\mathcal{O}(1; \{2^{15}, 4^{13}, 8^2\})$	2097152
8	$\mathcal{O}(1; \{2^{12}, 4^{15}, 8^2\})$	8388608
8	$\mathcal{O}(1; \{2^9, 4^{17}, 8^2\})$	33554432
8	$\mathcal{O}(1; \{2^6, 4^{19}, 8^2\})$	134217728
8	$\mathcal{O}(1; \{2^3, 4^{21}, 8^2\})$	536870912
8	$\mathcal{O}(1; \{4^{23}, 8^2\})$	2147483648
8	$\mathcal{O}(1; \{2^{31}, 8^4\})$	4096
8	$\mathcal{O}(1; \{2^{28}, 4^2, 8^4\})$	16384
8	$\mathcal{O}(1; \{2^{25}, 4^4, 8^4\})$	65536
8	$\mathcal{O}(1; \{2^{22}, 4^6, 8^4\})$	262144
8	$\mathcal{O}(1; \{2^{19}, 4^8, 8^4\})$	1048576
8	$\mathcal{O}(1; \{2^{16}, 4^{10}, 8^4\})$	4194304
8	$\mathcal{O}(1; \{2^{13}, 4^{12}, 8^4\})$	16777216
8	$\mathcal{O}(1; \{2^{10}, 4^{14}, 8^4\})$	67108864
8	$\mathcal{O}(1; \{2^7, 4^{16}, 8^4\})$	268435456
8	$\mathcal{O}(1; \{2^4, 4^{18}, 8^4\})$	1073741824
8	$\mathcal{O}(1; \{2, 4^{20}, 8^4\})$	4294967296

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^{26}, 4, 8^6\})$	131072
8	$\mathcal{O}(1; \{2^{23}, 4^3, 8^6\})$	524288
8	$\mathcal{O}(1; \{2^{20}, 4^5, 8^6\})$	2097152
8	$\mathcal{O}(1; \{2^{17}, 4^7, 8^6\})$	8388608
8	$\mathcal{O}(1; \{2^{14}, 4^9, 8^6\})$	33554432
8	$\mathcal{O}(1; \{2^{11}, 4^{11}, 8^6\})$	134217728
8	$\mathcal{O}(1; \{2^8, 4^{13}, 8^6\})$	536870912
8	$\mathcal{O}(1; \{2^5, 4^{15}, 8^6\})$	2147483648
8	$\mathcal{O}(1; \{2^2, 4^{17}, 8^6\})$	8589934592
8	$\mathcal{O}(1; \{2^{24}, 8^8\})$	1048576
8	$\mathcal{O}(1; \{2^{21}, 4^2, 8^8\})$	4194304
8	$\mathcal{O}(1; \{2^{18}, 4^4, 8^8\})$	16777216
8	$\mathcal{O}(1; \{2^{15}, 4^6, 8^8\})$	67108864
8	$\mathcal{O}(1; \{2^{12}, 4^8, 8^8\})$	268435456
8	$\mathcal{O}(1; \{2^9, 4^{10}, 8^8\})$	1073741824
8	$\mathcal{O}(1; \{2^6, 4^{12}, 8^8\})$	4294967296
8	$\mathcal{O}(1; \{2^3, 4^{14}, 8^8\})$	17179869184
8	$\mathcal{O}(1; \{4^{16}, 8^8\})$	68719476736
8	$\mathcal{O}(1; \{2^{19}, 4, 8^{10}\})$	33554432
8	$\mathcal{O}(1; \{2^{16}, 4^3, 8^{10}\})$	134217728
8	$\mathcal{O}(1; \{2^{13}, 4^5, 8^{10}\})$	536870912
8	$\mathcal{O}(1; \{2^{10}, 4^7, 8^{10}\})$	2147483648
8	$\mathcal{O}(1; \{2^7, 4^9, 8^{10}\})$	8589934592
8	$\mathcal{O}(1; \{2^4, 4^{11}, 8^{10}\})$	34359738368
8	$\mathcal{O}(1; \{2, 4^{13}, 8^{10}\})$	137438953472
8	$\mathcal{O}(1; \{2^{17}, 8^{12}\})$	268435456
8	$\mathcal{O}(1; \{2^{14}, 4^2, 8^{12}\})$	1073741824
8	$\mathcal{O}(1; \{2^{11}, 4^4, 8^{12}\})$	4294967296
8	$\mathcal{O}(1; \{2^8, 4^6, 8^{12}\})$	17179869184
8	$\mathcal{O}(1; \{2^5, 4^8, 8^{12}\})$	68719476736
8	$\mathcal{O}(1; \{2^2, 4^{10}, 8^{12}\})$	274877906944
8	$\mathcal{O}(1; \{2^{12}, 4, 8^{14}\})$	8589934592
8	$\mathcal{O}(1; \{2^9, 4^3, 8^{14}\})$	34359738368
8	$\mathcal{O}(1; \{2^6, 4^5, 8^{14}\})$	137438953472
8	$\mathcal{O}(1; \{2^3, 4^7, 8^{14}\})$	549755813888
8	$\mathcal{O}(1; \{4^9, 8^{14}\})$	2199023255552
8	$\mathcal{O}(1; \{2^{10}, 8^{16}\})$	68719476736
8	$\mathcal{O}(1; \{2^7, 4^2, 8^{16}\})$	274877906944
8	$\mathcal{O}(1; \{2^4, 4^4, 8^{16}\})$	1099511627776
8	$\mathcal{O}(1; \{2, 4^6, 8^{16}\})$	4398046511104
8	$\mathcal{O}(1; \{2^5, 4, 8^{18}\})$	2199023255552
8	$\mathcal{O}(1; \{2^2, 4^3, 8^{18}\})$	8796093022208
8	$\mathcal{O}(1; \{2^3, 8^{20}\})$	17592186044416

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Table 7 – continued from previous page

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

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^{10}, 4^{12}, 8^8\})$	67108864
8	$\mathcal{O}(0; \{2^7, 4^{14}, 8^8\})$	268435456
8	$\mathcal{O}(0; \{2^4, 4^{16}, 8^8\})$	1073741824
8	$\mathcal{O}(0; \{2, 4^{18}, 8^8\})$	4294967296
8	$\mathcal{O}(0; \{2^{23}, 4, 8^{10}\})$	524288
8	$\mathcal{O}(0; \{2^{20}, 4^3, 8^{10}\})$	2097152
8	$\mathcal{O}(0; \{2^{17}, 4^5, 8^{10}\})$	8388608
8	$\mathcal{O}(0; \{2^{14}, 4^7, 8^{10}\})$	33554432
8	$\mathcal{O}(0; \{2^{11}, 4^9, 8^{10}\})$	134217728
8	$\mathcal{O}(0; \{2^8, 4^{11}, 8^{10}\})$	536870912
8	$\mathcal{O}(0; \{2^5, 4^{13}, 8^{10}\})$	2147483648
8	$\mathcal{O}(0; \{2^2, 4^{15}, 8^{10}\})$	8589934592
8	$\mathcal{O}(0; \{2^{21}, 8^{12}\})$	4194304
8	$\mathcal{O}(0; \{2^{18}, 4^2, 8^{12}\})$	16777216
8	$\mathcal{O}(0; \{2^{15}, 4^4, 8^{12}\})$	67108864
8	$\mathcal{O}(0; \{2^{12}, 4^6, 8^{12}\})$	268435456
8	$\mathcal{O}(0; \{2^9, 4^8, 8^{12}\})$	1073741824
8	$\mathcal{O}(0; \{2^6, 4^{10}, 8^{12}\})$	4294967296
8	$\mathcal{O}(0; \{2^3, 4^{12}, 8^{12}\})$	17179869184
8	$\mathcal{O}(0; \{4^{14}, 8^{12}\})$	68719476736
8	$\mathcal{O}(0; \{2^{16}, 4, 8^{14}\})$	134217728
8	$\mathcal{O}(0; \{2^{13}, 4^3, 8^{14}\})$	536870912
8	$\mathcal{O}(0; \{2^{10}, 4^5, 8^{14}\})$	2147483648
8	$\mathcal{O}(0; \{2^7, 4^7, 8^{14}\})$	8589934592
8	$\mathcal{O}(0; \{2^4, 4^9, 8^{14}\})$	34359738368
8	$\mathcal{O}(0; \{2, 4^{11}, 8^{14}\})$	137438953472
8	$\mathcal{O}(0; \{2^{14}, 8^{16}\})$	1073741824
8	$\mathcal{O}(0; \{2^{11}, 4^2, 8^{16}\})$	4294967296
8	$\mathcal{O}(0; \{2^8, 4^4, 8^{16}\})$	17179869184
8	$\mathcal{O}(0; \{2^5, 4^6, 8^{16}\})$	68719476736
8	$\mathcal{O}(0; \{2^2, 4^8, 8^{16}\})$	274877906944
8	$\mathcal{O}(0; \{2^9, 4, 8^{18}\})$	34359738368
8	$\mathcal{O}(0; \{2^6, 4^3, 8^{18}\})$	137438953472
8	$\mathcal{O}(0; \{2^3, 4^5, 8^{18}\})$	549755813888
8	$\mathcal{O}(0; \{4^7, 8^{18}\})$	2199023255552
8	$\mathcal{O}(0; \{2^7, 8^{20}\})$	274877906944
8	$\mathcal{O}(0; \{2^4, 4^2, 8^{20}\})$	1099511627776
8	$\mathcal{O}(0; \{2, 4^4, 8^{20}\})$	4398046511104
8	$\mathcal{O}(0; \{2^2, 4, 8^{22}\})$	8796093022208
8	$\mathcal{O}(0; \{8^{24}\})$	70368744177664
9	$\mathcal{O}(7; \{3^2, 9^4\})$	14824161510814728
9	$\mathcal{O}(6; \{3^5, 9^4\})$	1464114717117504
9	$\mathcal{O}(6; \{3, 9^7\})$	17294855095950516

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(5; \{3^8, 9^4\})$	144603922678272
9	$\mathcal{O}(5; \{3^4, 9^7\})$	1708133836637088
9	$\mathcal{O}(5; \{9^{10}\})$	23471589058789986
9	$\mathcal{O}(4; \{3^{11}, 9^4\})$	14281868906496
9	$\mathcal{O}(4; \{3^7, 9^7\})$	168704576457984
9	$\mathcal{O}(4; \{3^3, 9^{10}\})$	2318181635436048
9	$\mathcal{O}(3; \{3^{14}, 9^4\})$	1410554953728
9	$\mathcal{O}(3; \{3^{10}, 9^7\})$	16662180390912
9	$\mathcal{O}(3; \{3^6, 9^{10}\})$	228956210907264
9	$\mathcal{O}(3; \{3^2, 9^{13}\})$	3084130538372520
9	$\mathcal{O}(2; \{3^{17}, 9^4\})$	139314069504
9	$\mathcal{O}(2; \{3^{13}, 9^7\})$	1645647446016
9	$\mathcal{O}(2; \{3^9, 9^{10}\})$	22612959101952
9	$\mathcal{O}(2; \{3^5, 9^{13}\})$	304605485271360
9	$\mathcal{O}(2; \{3, 9^{16}\})$	4113303769309284
9	$\mathcal{O}(1; \{3^{20}, 9^4\})$	13759414272
9	$\mathcal{O}(1; \{3^{16}, 9^7\})$	162533081088
9	$\mathcal{O}(1; \{3^{12}, 9^{10}\})$	2233378676736
9	$\mathcal{O}(1; \{3^8, 9^{13}\})$	30084492372480
9	$\mathcal{O}(1; \{3^4, 9^{16}\})$	406252224129312
9	$\mathcal{O}(1; \{9^{19}\})$	5484216739388058
9	$\mathcal{O}(0; \{3^{23}, 9^4\})$	1358954496
9	$\mathcal{O}(0; \{3^{19}, 9^7\})$	16052649984
9	$\mathcal{O}(0; \{3^{15}, 9^{10}\})$	220580610048
9	$\mathcal{O}(0; \{3^{11}, 9^{13}\})$	2971307888640
9	$\mathcal{O}(0; \{3^7, 9^{16}\})$	40123676457216
9	$\mathcal{O}(0; \{3^3, 9^{19}\})$	541651035988944
10	$\mathcal{O}(7; \{5^4\})$	5199682617187500
10	$\mathcal{O}(7; \{2^3, 5, 10\})$	4000000000000000
10	$\mathcal{O}(7; \{2, 10^3\})$	1200000000000000
10	$\mathcal{O}(6; \{2^4, 5^4\})$	5200000000000000
10	$\mathcal{O}(6; \{2^7, 5, 10\})$	4000000000000000
10	$\mathcal{O}(6; \{2^2, 5^3, 10^2\})$	2040000000000000
10	$\mathcal{O}(6; \{2^5, 10^3\})$	1200000000000000
10	$\mathcal{O}(6; \{5^2, 10^4\})$	8200000000000000
10	$\mathcal{O}(5; \{2^8, 5^4\})$	5200000000000000
10	$\mathcal{O}(5; \{5^9\})$	523768007812500
10	$\mathcal{O}(5; \{2^{11}, 5, 10\})$	4000000000000000
10	$\mathcal{O}(5; \{2^3, 5^6, 10\})$	3276000000000000
10	$\mathcal{O}(5; \{2^6, 5^3, 10^2\})$	2040000000000000
10	$\mathcal{O}(5; \{2^9, 10^3\})$	1200000000000000
10	$\mathcal{O}(5; \{2, 5^5, 10^3\})$	1310800000000000
10	$\mathcal{O}(5; \{2^4, 5^2, 10^4\})$	8200000000000000

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(5; \{2^2, 5, 10^6\})$	32760000000000
10	$\mathcal{O}(5; \{10^8\})$	131080000000000
10	$\mathcal{O}(4; \{2^{12}, 5^4\})$	5200000000
10	$\mathcal{O}(4; \{2^4, 5^9\})$	52428000000000
10	$\mathcal{O}(4; \{2^{15}, 5, 10\})$	400000000
10	$\mathcal{O}(4; \{2^7, 5^6, 10\})$	3276000000000
10	$\mathcal{O}(4; \{2^{10}, 5^3, 10^2\})$	204000000000
10	$\mathcal{O}(4; \{2^2, 5^8, 10^2\})$	209716000000000
10	$\mathcal{O}(4; \{2^{13}, 10^3\})$	1200000000
10	$\mathcal{O}(4; \{2^5, 5^5, 10^3\})$	131080000000000
10	$\mathcal{O}(4; \{2^8, 5^2, 10^4\})$	820000000000
10	$\mathcal{O}(4; \{5^7, 10^4\})$	838860000000000
10	$\mathcal{O}(4; \{2^3, 5^4, 10^5\})$	524280000000000
10	$\mathcal{O}(4; \{2^6, 5, 10^6\})$	3276000000000
10	$\mathcal{O}(4; \{2, 5^3, 10^7\})$	209716000000000
10	$\mathcal{O}(4; \{2^4, 10^8\})$	131080000000000
10	$\mathcal{O}(3; \{2^{16}, 5^4\})$	520000000
10	$\mathcal{O}(3; \{2^8, 5^9\})$	524280000000
10	$\mathcal{O}(3; \{5^{14}\})$	52848231187500
10	$\mathcal{O}(3; \{2^{19}, 5, 10\})$	4000000
10	$\mathcal{O}(3; \{2^{11}, 5^6, 10\})$	3276000000
10	$\mathcal{O}(3; \{2^3, 5^{11}, 10\})$	33554440000000
10	$\mathcal{O}(3; \{2^{14}, 5^3, 10^2\})$	204000000
10	$\mathcal{O}(3; \{2^6, 5^8, 10^2\})$	2097160000000
10	$\mathcal{O}(3; \{2^{17}, 10^3\})$	12000000
10	$\mathcal{O}(3; \{2^9, 5^5, 10^3\})$	131080000000
10	$\mathcal{O}(3; \{2, 5^{10}, 10^3\})$	134217720000000
10	$\mathcal{O}(3; \{2^{12}, 5^2, 10^4\})$	820000000
10	$\mathcal{O}(3; \{2^4, 5^7, 10^4\})$	8388600000000
10	$\mathcal{O}(3; \{2^7, 5^4, 10^5\})$	524280000000
10	$\mathcal{O}(3; \{2^{10}, 5, 10^6\})$	3276000000
10	$\mathcal{O}(3; \{2^2, 5^6, 10^6\})$	33554440000000
10	$\mathcal{O}(3; \{2^5, 5^3, 10^7\})$	2097160000000
10	$\mathcal{O}(3; \{2^8, 10^8\})$	131080000000
10	$\mathcal{O}(3; \{5^5, 10^8\})$	134217720000000
10	$\mathcal{O}(3; \{2^3, 5^2, 10^9\})$	8388600000000
10	$\mathcal{O}(3; \{2, 5, 10^{11}\})$	33554440000000
10	$\mathcal{O}(2; \{2^{20}, 5^4\})$	520000
10	$\mathcal{O}(2; \{2^{12}, 5^9\})$	524280000
10	$\mathcal{O}(2; \{2^4, 5^{14}\})$	536870920000
10	$\mathcal{O}(2; \{2^{23}, 5, 10\})$	40000
10	$\mathcal{O}(2; \{2^{15}, 5^6, 10\})$	32760000
10	$\mathcal{O}(2; \{2^7, 5^{11}, 10\})$	33554440000

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{2^{18}, 5^3, 10^2\})$	2040000
10	$\mathcal{O}(2; \{2^{10}, 5^8, 10^2\})$	2097160000
10	$\mathcal{O}(2; \{2^2, 5^{13}, 10^2\})$	2147483640000
10	$\mathcal{O}(2; \{2^{21}, 10^3\})$	120000
10	$\mathcal{O}(2; \{2^{13}, 5^5, 10^3\})$	131080000
10	$\mathcal{O}(2; \{2^5, 5^{10}, 10^3\})$	134217720000
10	$\mathcal{O}(2; \{2^{16}, 5^2, 10^4\})$	8200000
10	$\mathcal{O}(2; \{2^8, 5^7, 10^4\})$	8388600000
10	$\mathcal{O}(2; \{5^{12}, 10^4\})$	8589934600000
10	$\mathcal{O}(2; \{2^{11}, 5^4, 10^5\})$	524280000
10	$\mathcal{O}(2; \{2^3, 5^9, 10^5\})$	536870920000
10	$\mathcal{O}(2; \{2^{14}, 5, 10^6\})$	32760000
10	$\mathcal{O}(2; \{2^6, 5^6, 10^6\})$	33554440000
10	$\mathcal{O}(2; \{2^9, 5^3, 10^7\})$	2097160000
10	$\mathcal{O}(2; \{2, 5^8, 10^7\})$	2147483640000
10	$\mathcal{O}(2; \{2^{12}, 10^8\})$	131080000
10	$\mathcal{O}(2; \{2^4, 5^5, 10^8\})$	134217720000
10	$\mathcal{O}(2; \{2^7, 5^2, 10^9\})$	8388600000
10	$\mathcal{O}(2; \{2^2, 5^4, 10^{10}\})$	536870920000
10	$\mathcal{O}(2; \{2^5, 5, 10^{11}\})$	33554440000
10	$\mathcal{O}(2; \{5^3, 10^{12}\})$	2147483640000
10	$\mathcal{O}(2; \{2^3, 10^{13}\})$	134217720000
10	$\mathcal{O}(1; \{2^{24}, 5^4\})$	5200
10	$\mathcal{O}(1; \{2^{16}, 5^9\})$	5242800
10	$\mathcal{O}(1; \{2^8, 5^{14}\})$	5368709200
10	$\mathcal{O}(1; \{5^{19}\})$	4123168604100
10	$\mathcal{O}(1; \{2^{27}, 5, 10\})$	400
10	$\mathcal{O}(1; \{2^{19}, 5^6, 10\})$	327600
10	$\mathcal{O}(1; \{2^{11}, 5^{11}, 10\})$	335544400
10	$\mathcal{O}(1; \{2^3, 5^{16}, 10\})$	343597383600
10	$\mathcal{O}(1; \{2^{22}, 5^3, 10^2\})$	20400
10	$\mathcal{O}(1; \{2^{14}, 5^8, 10^2\})$	20971600
10	$\mathcal{O}(1; \{2^6, 5^{13}, 10^2\})$	21474836400
10	$\mathcal{O}(1; \{2^{25}, 10^3\})$	1200
10	$\mathcal{O}(1; \{2^{17}, 5^5, 10^3\})$	1310800
10	$\mathcal{O}(1; \{2^9, 5^{10}, 10^3\})$	1342177200
10	$\mathcal{O}(1; \{2, 5^{15}, 10^3\})$	1374389534800
10	$\mathcal{O}(1; \{2^{20}, 5^2, 10^4\})$	82000
10	$\mathcal{O}(1; \{2^{12}, 5^7, 10^4\})$	83886000
10	$\mathcal{O}(1; \{2^4, 5^{12}, 10^4\})$	85899346000
10	$\mathcal{O}(1; \{2^{15}, 5^4, 10^5\})$	5242800
10	$\mathcal{O}(1; \{2^7, 5^9, 10^5\})$	5368709200
10	$\mathcal{O}(1; \{2^{18}, 5, 10^6\})$	327600

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{2^{10}, 5^6, 10^6\})$	335544400
10	$\mathcal{O}(1; \{2^2, 5^{11}, 10^6\})$	343597383600
10	$\mathcal{O}(1; \{2^{13}, 5^3, 10^7\})$	20971600
10	$\mathcal{O}(1; \{2^5, 5^8, 10^7\})$	21474836400
10	$\mathcal{O}(1; \{2^{16}, 10^8\})$	1310800
10	$\mathcal{O}(1; \{2^8, 5^5, 10^8\})$	1342177200
10	$\mathcal{O}(1; \{5^{10}, 10^8\})$	1374389534800
10	$\mathcal{O}(1; \{2^{11}, 5^2, 10^9\})$	83886000
10	$\mathcal{O}(1; \{2^3, 5^7, 10^9\})$	85899346000
10	$\mathcal{O}(1; \{2^6, 5^4, 10^{10}\})$	5368709200
10	$\mathcal{O}(1; \{2^9, 5, 10^{11}\})$	335544400
10	$\mathcal{O}(1; \{2, 5^6, 10^{11}\})$	343597383600
10	$\mathcal{O}(1; \{2^4, 5^3, 10^{12}\})$	21474836400
10	$\mathcal{O}(1; \{2^7, 10^{13}\})$	1342177200
10	$\mathcal{O}(1; \{2^2, 5^2, 10^{14}\})$	85899346000
10	$\mathcal{O}(1; \{5, 10^{16}\})$	343597383600
10	$\mathcal{O}(0; \{2^{28}, 5^4\})$	52
10	$\mathcal{O}(0; \{2^{20}, 5^9\})$	52428
10	$\mathcal{O}(0; \{2^{12}, 5^{14}\})$	53687092
10	$\mathcal{O}(0; \{2^4, 5^{19}\})$	54975581388
10	$\mathcal{O}(0; \{2^{31}, 5, 10\})$	4
10	$\mathcal{O}(0; \{2^{23}, 5^6, 10\})$	3276
10	$\mathcal{O}(0; \{2^{15}, 5^{11}, 10\})$	3355444
10	$\mathcal{O}(0; \{2^7, 5^{16}, 10\})$	3435973836
10	$\mathcal{O}(0; \{2^{26}, 5^3, 10^2\})$	204
10	$\mathcal{O}(0; \{2^{18}, 5^8, 10^2\})$	209716
10	$\mathcal{O}(0; \{2^{10}, 5^{13}, 10^2\})$	214748364
10	$\mathcal{O}(0; \{2^2, 5^{18}, 10^2\})$	219902325556
10	$\mathcal{O}(0; \{2^{29}, 10^3\})$	12
10	$\mathcal{O}(0; \{2^{21}, 5^5, 10^3\})$	13108
10	$\mathcal{O}(0; \{2^{13}, 5^{10}, 10^3\})$	13421772
10	$\mathcal{O}(0; \{2^5, 5^{15}, 10^3\})$	13743895348
10	$\mathcal{O}(0; \{2^{24}, 5^2, 10^4\})$	820
10	$\mathcal{O}(0; \{2^{16}, 5^7, 10^4\})$	838860
10	$\mathcal{O}(0; \{2^8, 5^{12}, 10^4\})$	858993460
10	$\mathcal{O}(0; \{5^{17}, 10^4\})$	879609302220
10	$\mathcal{O}(0; \{2^{19}, 5^4, 10^5\})$	52428
10	$\mathcal{O}(0; \{2^{11}, 5^9, 10^5\})$	53687092
10	$\mathcal{O}(0; \{2^3, 5^{14}, 10^5\})$	54975581388
10	$\mathcal{O}(0; \{2^{22}, 5, 10^6\})$	3276
10	$\mathcal{O}(0; \{2^{14}, 5^6, 10^6\})$	3355444
10	$\mathcal{O}(0; \{2^6, 5^{11}, 10^6\})$	3435973836
10	$\mathcal{O}(0; \{2^{17}, 5^3, 10^7\})$	209716

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{2^9, 5^8, 10^7\})$	214748364
10	$\mathcal{O}(0; \{2, 5^{13}, 10^7\})$	219902325556
10	$\mathcal{O}(0; \{2^{20}, 10^8\})$	13108
10	$\mathcal{O}(0; \{2^{12}, 5^5, 10^8\})$	13421772
10	$\mathcal{O}(0; \{2^4, 5^{10}, 10^8\})$	13743895348
10	$\mathcal{O}(0; \{2^{15}, 5^2, 10^9\})$	838860
10	$\mathcal{O}(0; \{2^7, 5^7, 10^9\})$	858993460
10	$\mathcal{O}(0; \{2^{10}, 5^4, 10^{10}\})$	53687092
10	$\mathcal{O}(0; \{2^2, 5^9, 10^{10}\})$	54975581388
10	$\mathcal{O}(0; \{2^{13}, 5, 10^{11}\})$	3355444
10	$\mathcal{O}(0; \{2^5, 5^6, 10^{11}\})$	3435973836
10	$\mathcal{O}(0; \{2^8, 5^3, 10^{12}\})$	214748364
10	$\mathcal{O}(0; \{5^8, 10^{12}\})$	219902325556
10	$\mathcal{O}(0; \{2^{11}, 10^{13}\})$	13421772
10	$\mathcal{O}(0; \{2^3, 5^5, 10^{13}\})$	13743895348
10	$\mathcal{O}(0; \{2^6, 5^2, 10^{14}\})$	858993460
10	$\mathcal{O}(0; \{2, 5^4, 10^{15}\})$	54975581388
10	$\mathcal{O}(0; \{2^4, 5, 10^{16}\})$	3435973836
10	$\mathcal{O}(0; \{2^2, 10^{18}\})$	13743895348
11	$\mathcal{O}(7; \{11^2\})$	3797498335832410
11	$\mathcal{O}(2; \{11^{13}\})$	13309999999986690
12	$\mathcal{O}(6; \{3^4\})$	53483541995520
12	$\mathcal{O}(6; \{2, 3^2, 6\})$	17827847331840
12	$\mathcal{O}(6; \{2^2, 6^2\})$	17827847331840
12	$\mathcal{O}(6; \{6, 12^2\})$	35664401793024
12	$\mathcal{O}(5; \{2^4, 3^4\})$	371141388288
12	$\mathcal{O}(5; \{3^7\})$	2597989718016
12	$\mathcal{O}(5; \{2, 3^4, 4^2\})$	743008370688
12	$\mathcal{O}(5; \{2^5, 3^2, 6\})$	123713796096
12	$\mathcal{O}(5; \{2, 3^5, 6\})$	1360851757056
12	$\mathcal{O}(5; \{2^2, 3^2, 4^2, 6\})$	247669456896
12	$\mathcal{O}(5; \{2^6, 6^2\})$	123713796096
12	$\mathcal{O}(5; \{2^2, 3^3, 6^2\})$	618568980480
12	$\mathcal{O}(5; \{2^3, 4^2, 6^2\})$	247669456896
12	$\mathcal{O}(5; \{4^4, 6^2\})$	990677827584
12	$\mathcal{O}(5; \{2^3, 3, 6^3\})$	371141388288
12	$\mathcal{O}(5; \{3, 4^2, 6^3\})$	743008370688
12	$\mathcal{O}(5; \{3^2, 6^4\})$	1360851757056
12	$\mathcal{O}(5; \{2, 6^5\})$	618568980480
12	$\mathcal{O}(5; \{2^2, 3^3, 4, 12\})$	743008370688
12	$\mathcal{O}(5; \{2^3, 3, 4, 6, 12\})$	247669456896
12	$\mathcal{O}(5; \{3, 4^3, 6, 12\})$	990677827584
12	$\mathcal{O}(5; \{3^2, 4, 6^2, 12\})$	1238347284480

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{2, 4, 6^3, 12\})$	743008370688
12	$\mathcal{O}(5; \{2^3, 3^2, 12^2\})$	743008370688
12	$\mathcal{O}(5; \{3^2, 4^2, 12^2\})$	2972033482752
12	$\mathcal{O}(5; \{2^4, 6, 12^2\})$	247669456896
12	$\mathcal{O}(5; \{3^3, 6, 12^2\})$	2724364025856
12	$\mathcal{O}(5; \{2, 4^2, 6, 12^2\})$	990677827584
12	$\mathcal{O}(5; \{2, 3, 6^2, 12^2\})$	1238347284480
12	$\mathcal{O}(5; \{2, 3, 4, 12^3\})$	2972033482752
12	$\mathcal{O}(5; \{2^2, 12^4\})$	2972033482752
12	$\mathcal{O}(4; \{2^8, 3^4\})$	2569812480
12	$\mathcal{O}(4; \{2^4, 3^7\})$	17988687360
12	$\mathcal{O}(4; \{3^{10}\})$	146479311360
12	$\mathcal{O}(4; \{2^5, 3^4, 4^2\})$	5159780352
12	$\mathcal{O}(4; \{2, 3^7, 4^2\})$	36118462464
12	$\mathcal{O}(4; \{2^2, 3^4, 4^4\})$	20639121408
12	$\mathcal{O}(4; \{2^9, 3^2, 6\})$	856604160
12	$\mathcal{O}(4; \{2^5, 3^5, 6\})$	9422645760
12	$\mathcal{O}(4; \{2, 3^8, 6\})$	72811353600
12	$\mathcal{O}(4; \{2^6, 3^2, 4^2, 6\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3^5, 4^2, 6\})$	18919194624
12	$\mathcal{O}(4; \{2^3, 3^2, 4^4, 6\})$	6879707136
12	$\mathcal{O}(4; \{3^2, 4^6, 6\})$	27518828544
12	$\mathcal{O}(4; \{2^{10}, 6^2\})$	856604160
12	$\mathcal{O}(4; \{2^6, 3^3, 6^2\})$	4283020800
12	$\mathcal{O}(4; \{2^2, 3^6, 6^2\})$	36833978880
12	$\mathcal{O}(4; \{2^7, 4^2, 6^2\})$	1719926784
12	$\mathcal{O}(4; \{2^3, 3^3, 4^2, 6^2\})$	8599633920
12	$\mathcal{O}(4; \{2^4, 4^4, 6^2\})$	6879707136
12	$\mathcal{O}(4; \{3^3, 4^4, 6^2\})$	34398535680
12	$\mathcal{O}(4; \{2, 4^6, 6^2\})$	27518828544
12	$\mathcal{O}(4; \{2^7, 3, 6^3\})$	2569812480
12	$\mathcal{O}(4; \{2^3, 3^4, 6^3\})$	17988687360
12	$\mathcal{O}(4; \{2^4, 3, 4^2, 6^3\})$	5159780352
12	$\mathcal{O}(4; \{3^4, 4^2, 6^3\})$	36118462464
12	$\mathcal{O}(4; \{2, 3, 4^4, 6^3\})$	20639121408
12	$\mathcal{O}(4; \{2^4, 3^2, 6^4\})$	9422645760
12	$\mathcal{O}(4; \{3^5, 6^4\})$	72811353600
12	$\mathcal{O}(4; \{2, 3^2, 4^2, 6^4\})$	18919194624
12	$\mathcal{O}(4; \{2^5, 6^5\})$	4283020800
12	$\mathcal{O}(4; \{2, 3^3, 6^5\})$	36833978880
12	$\mathcal{O}(4; \{2^2, 4^2, 6^5\})$	8599633920
12	$\mathcal{O}(4; \{2^2, 3, 6^6\})$	17988687360
12	$\mathcal{O}(4; \{6^8\})$	36833978880

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{2^6, 3^3, 4, 12\})$	5159780352
12	$\mathcal{O}(4; \{2^2, 3^6, 4, 12\})$	36118462464
12	$\mathcal{O}(4; \{2^3, 3^3, 4^3, 12\})$	20639121408
12	$\mathcal{O}(4; \{3^3, 4^5, 12\})$	82556485632
12	$\mathcal{O}(4; \{2^7, 3, 4, 6, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^3, 3^4, 4, 6, 12\})$	18919194624
12	$\mathcal{O}(4; \{2^4, 3, 4^3, 6, 12\})$	6879707136
12	$\mathcal{O}(4; \{3^4, 4^3, 6, 12\})$	75676778496
12	$\mathcal{O}(4; \{2, 3, 4^5, 6, 12\})$	27518828544
12	$\mathcal{O}(4; \{2^4, 3^2, 4, 6^2, 12\})$	8599633920
12	$\mathcal{O}(4; \{3^5, 4, 6^2, 12\})$	73956851712
12	$\mathcal{O}(4; \{2, 3^2, 4^3, 6^2, 12\})$	34398535680
12	$\mathcal{O}(4; \{2^5, 4, 6^3, 12\})$	5159780352
12	$\mathcal{O}(4; \{2, 3^3, 4, 6^3, 12\})$	36118462464
12	$\mathcal{O}(4; \{2^2, 4^3, 6^3, 12\})$	20639121408
12	$\mathcal{O}(4; \{2^2, 3, 4, 6^4, 12\})$	18919194624
12	$\mathcal{O}(4; \{4, 6^6, 12\})$	36118462464
12	$\mathcal{O}(4; \{2^7, 3^2, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{2^3, 3^5, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{2^4, 3^2, 4^2, 12^2\})$	20639121408
12	$\mathcal{O}(4; \{3^5, 4^2, 12^2\})$	144473849856
12	$\mathcal{O}(4; \{2, 3^2, 4^4, 12^2\})$	82556485632
12	$\mathcal{O}(4; \{2^8, 6, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{2^4, 3^3, 6, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{3^6, 6, 12^2\})$	146193776640
12	$\mathcal{O}(4; \{2^5, 4^2, 6, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{2, 3^3, 4^2, 6, 12^2\})$	75676778496
12	$\mathcal{O}(4; \{2^2, 4^4, 6, 12^2\})$	27518828544
12	$\mathcal{O}(4; \{2^5, 3, 6^2, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{2, 3^4, 6^2, 12^2\})$	73956851712
12	$\mathcal{O}(4; \{2^2, 3, 4^2, 6^2, 12^2\})$	34398535680
12	$\mathcal{O}(4; \{2^2, 3^2, 6^3, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{2^3, 6^4, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{4^2, 6^4, 12^2\})$	75676778496
12	$\mathcal{O}(4; \{3, 6^5, 12^2\})$	73956851712
12	$\mathcal{O}(4; \{2^5, 3, 4, 12^3\})$	20639121408
12	$\mathcal{O}(4; \{2, 3^4, 4, 12^3\})$	144473849856
12	$\mathcal{O}(4; \{2^2, 3, 4^3, 12^3\})$	82556485632
12	$\mathcal{O}(4; \{2^2, 3^2, 4, 6, 12^3\})$	75676778496
12	$\mathcal{O}(4; \{2^3, 4, 6^2, 12^3\})$	34398535680
12	$\mathcal{O}(4; \{4^3, 6^2, 12^3\})$	137594142720
12	$\mathcal{O}(4; \{3, 4, 6^3, 12^3\})$	144473849856
12	$\mathcal{O}(4; \{2^6, 12^4\})$	20639121408

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{2^2, 3^3, 12^4\})$	144473849856
12	$\mathcal{O}(4; \{2^3, 4^2, 12^4\})$	82556485632
12	$\mathcal{O}(4; \{4^4, 12^4\})$	330225942528
12	$\mathcal{O}(4; \{2^3, 3, 6, 12^4\})$	75676778496
12	$\mathcal{O}(4; \{3, 4^2, 6, 12^4\})$	302707113984
12	$\mathcal{O}(4; \{3^2, 6^2, 12^4\})$	295827406848
12	$\mathcal{O}(4; \{2, 6^3, 12^4\})$	144473849856
12	$\mathcal{O}(4; \{3^2, 4, 12^5\})$	577895399424
12	$\mathcal{O}(4; \{2, 4, 6, 12^5\})$	302707113984
12	$\mathcal{O}(4; \{2, 3, 12^6\})$	577895399424
12	$\mathcal{O}(3; \{2^{12}, 3^4\})$	17635968
12	$\mathcal{O}(3; \{2^8, 3^7\})$	123451776
12	$\mathcal{O}(3; \{2^4, 3^{10}\})$	1005250176
12	$\mathcal{O}(3; \{3^{13}\})$	8024365440
12	$\mathcal{O}(3; \{2^9, 3^4, 4^2\})$	35831808
12	$\mathcal{O}(3; \{2^5, 3^7, 4^2\})$	250822656
12	$\mathcal{O}(3; \{2, 3^{10}, 4^2\})$	2042413056
12	$\mathcal{O}(3; \{2^6, 3^4, 4^4\})$	143327232
12	$\mathcal{O}(3; \{2^2, 3^7, 4^4\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 3^4, 4^6\})$	573308928
12	$\mathcal{O}(3; \{3^4, 4^8\})$	2293235712
12	$\mathcal{O}(3; \{2^{13}, 3^2, 6\})$	5878656
12	$\mathcal{O}(3; \{2^9, 3^5, 6\})$	64665216
12	$\mathcal{O}(3; \{2^5, 3^8, 6\})$	499685760
12	$\mathcal{O}(3; \{2, 3^{11}, 6\})$	4015122048
12	$\mathcal{O}(3; \{2^{10}, 3^2, 4^2, 6\})$	11943936
12	$\mathcal{O}(3; \{2^6, 3^5, 4^2, 6\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^8, 4^2, 6\})$	1015234560
12	$\mathcal{O}(3; \{2^7, 3^2, 4^4, 6\})$	47775744
12	$\mathcal{O}(3; \{2^3, 3^5, 4^4, 6\})$	525533184
12	$\mathcal{O}(3; \{2^4, 3^2, 4^6, 6\})$	191102976
12	$\mathcal{O}(3; \{3^5, 4^6, 6\})$	2102132736
12	$\mathcal{O}(3; \{2, 3^2, 4^8, 6\})$	764411904
12	$\mathcal{O}(3; \{2^{14}, 6^2\})$	5878656
12	$\mathcal{O}(3; \{2^{10}, 3^3, 6^2\})$	29393280
12	$\mathcal{O}(3; \{2^6, 3^6, 6^2\})$	252782208
12	$\mathcal{O}(3; \{2^2, 3^9, 6^2\})$	2004621696
12	$\mathcal{O}(3; \{2^{11}, 4^2, 6^2\})$	11943936
12	$\mathcal{O}(3; \{2^7, 3^3, 4^2, 6^2\})$	59719680
12	$\mathcal{O}(3; \{2^3, 3^6, 4^2, 6^2\})$	513589248
12	$\mathcal{O}(3; \{2^8, 4^4, 6^2\})$	47775744
12	$\mathcal{O}(3; \{2^4, 3^3, 4^4, 6^2\})$	238878720
12	$\mathcal{O}(3; \{3^6, 4^4, 6^2\})$	2054356992

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^5, 4^6, 6^2\})$	191102976
12	$\mathcal{O}(3; \{2, 3^3, 4^6, 6^2\})$	955514880
12	$\mathcal{O}(3; \{2^2, 4^8, 6^2\})$	764411904
12	$\mathcal{O}(3; \{2^{11}, 3, 6^3\})$	17635968
12	$\mathcal{O}(3; \{2^7, 3^4, 6^3\})$	123451776
12	$\mathcal{O}(3; \{2^3, 3^7, 6^3\})$	1005250176
12	$\mathcal{O}(3; \{2^8, 3, 4^2, 6^3\})$	35831808
12	$\mathcal{O}(3; \{2^4, 3^4, 4^2, 6^3\})$	250822656
12	$\mathcal{O}(3; \{3^7, 4^2, 6^3\})$	2042413056
12	$\mathcal{O}(3; \{2^5, 3, 4^4, 6^3\})$	143327232
12	$\mathcal{O}(3; \{2, 3^4, 4^4, 6^3\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3, 4^6, 6^3\})$	573308928
12	$\mathcal{O}(3; \{2^8, 3^2, 6^4\})$	64665216
12	$\mathcal{O}(3; \{2^4, 3^5, 6^4\})$	499685760
12	$\mathcal{O}(3; \{3^8, 6^4\})$	4015122048
12	$\mathcal{O}(3; \{2^5, 3^2, 4^2, 6^4\})$	131383296
12	$\mathcal{O}(3; \{2, 3^5, 4^2, 6^4\})$	1015234560
12	$\mathcal{O}(3; \{2^2, 3^2, 4^4, 6^4\})$	525533184
12	$\mathcal{O}(3; \{2^9, 6^5\})$	29393280
12	$\mathcal{O}(3; \{2^5, 3^3, 6^5\})$	252782208
12	$\mathcal{O}(3; \{2, 3^6, 6^5\})$	2004621696
12	$\mathcal{O}(3; \{2^6, 4^2, 6^5\})$	59719680
12	$\mathcal{O}(3; \{2^2, 3^3, 4^2, 6^5\})$	513589248
12	$\mathcal{O}(3; \{2^3, 4^4, 6^5\})$	238878720
12	$\mathcal{O}(3; \{4^6, 6^5\})$	955514880
12	$\mathcal{O}(3; \{2^6, 3, 6^6\})$	123451776
12	$\mathcal{O}(3; \{2^2, 3^4, 6^6\})$	1005250176
12	$\mathcal{O}(3; \{2^3, 3, 4^2, 6^6\})$	250822656
12	$\mathcal{O}(3; \{3, 4^4, 6^6\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 3^2, 6^7\})$	499685760
12	$\mathcal{O}(3; \{3^2, 4^2, 6^7\})$	1015234560
12	$\mathcal{O}(3; \{2^4, 6^8\})$	252782208
12	$\mathcal{O}(3; \{3^3, 6^8\})$	2004621696
12	$\mathcal{O}(3; \{2, 4^2, 6^8\})$	513589248
12	$\mathcal{O}(3; \{2, 3, 6^9\})$	1005250176
12	$\mathcal{O}(3; \{2^{10}, 3^3, 4, 12\})$	35831808
12	$\mathcal{O}(3; \{2^6, 3^6, 4, 12\})$	250822656
12	$\mathcal{O}(3; \{2^2, 3^9, 4, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^7, 3^3, 4^3, 12\})$	143327232
12	$\mathcal{O}(3; \{2^3, 3^6, 4^3, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^4, 3^3, 4^5, 12\})$	573308928
12	$\mathcal{O}(3; \{3^6, 4^5, 12\})$	4013162496
12	$\mathcal{O}(3; \{2, 3^3, 4^7, 12\})$	2293235712

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^{11}, 3, 4, 6, 12\})$	11943936
12	$\mathcal{O}(3; \{2^7, 3^4, 4, 6, 12\})$	131383296
12	$\mathcal{O}(3; \{2^3, 3^7, 4, 6, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^8, 3, 4^3, 6, 12\})$	47775744
12	$\mathcal{O}(3; \{2^4, 3^4, 4^3, 6, 12\})$	525533184
12	$\mathcal{O}(3; \{3^7, 4^3, 6, 12\})$	4060938240
12	$\mathcal{O}(3; \{2^5, 3, 4^5, 6, 12\})$	191102976
12	$\mathcal{O}(3; \{2, 3^4, 4^5, 6, 12\})$	2102132736
12	$\mathcal{O}(3; \{2^2, 3, 4^7, 6, 12\})$	764411904
12	$\mathcal{O}(3; \{2^8, 3^2, 4, 6^2, 12\})$	59719680
12	$\mathcal{O}(3; \{2^4, 3^5, 4, 6^2, 12\})$	513589248
12	$\mathcal{O}(3; \{3^8, 4, 6^2, 12\})$	4072882176
12	$\mathcal{O}(3; \{2^5, 3^2, 4^3, 6^2, 12\})$	238878720
12	$\mathcal{O}(3; \{2, 3^5, 4^3, 6^2, 12\})$	2054356992
12	$\mathcal{O}(3; \{2^2, 3^2, 4^5, 6^2, 12\})$	955514880
12	$\mathcal{O}(3; \{2^9, 4, 6^3, 12\})$	35831808
12	$\mathcal{O}(3; \{2^5, 3^3, 4, 6^3, 12\})$	250822656
12	$\mathcal{O}(3; \{2, 3^6, 4, 6^3, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^6, 4^3, 6^3, 12\})$	143327232
12	$\mathcal{O}(3; \{2^2, 3^3, 4^3, 6^3, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 4^5, 6^3, 12\})$	573308928
12	$\mathcal{O}(3; \{4^7, 6^3, 12\})$	2293235712
12	$\mathcal{O}(3; \{2^6, 3, 4, 6^4, 12\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^4, 4, 6^4, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^3, 3, 4^3, 6^4, 12\})$	525533184
12	$\mathcal{O}(3; \{3, 4^5, 6^4, 12\})$	2102132736
12	$\mathcal{O}(3; \{2^3, 3^2, 4, 6^5, 12\})$	513589248
12	$\mathcal{O}(3; \{3^2, 4^3, 6^5, 12\})$	2054356992
12	$\mathcal{O}(3; \{2^4, 4, 6^6, 12\})$	250822656
12	$\mathcal{O}(3; \{3^3, 4, 6^6, 12\})$	2042413056
12	$\mathcal{O}(3; \{2, 4^3, 6^6, 12\})$	1003290624
12	$\mathcal{O}(3; \{2, 3, 4, 6^7, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^{11}, 3^2, 12^2\})$	35831808
12	$\mathcal{O}(3; \{2^7, 3^5, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2^3, 3^8, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2^8, 3^2, 4^2, 12^2\})$	143327232
12	$\mathcal{O}(3; \{2^4, 3^5, 4^2, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{3^8, 4^2, 12^2\})$	8169652224
12	$\mathcal{O}(3; \{2^5, 3^2, 4^4, 12^2\})$	573308928
12	$\mathcal{O}(3; \{2, 3^5, 4^4, 12^2\})$	4013162496
12	$\mathcal{O}(3; \{2^2, 3^2, 4^6, 12^2\})$	2293235712
12	$\mathcal{O}(3; \{2^{12}, 6, 12^2\})$	11943936
12	$\mathcal{O}(3; \{2^8, 3^3, 6, 12^2\})$	131383296

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Table 7 – continued from previous page

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

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^4, 4^3, 6^2, 12^3\})$	955514880
12	$\mathcal{O}(3; \{3^3, 4^3, 6^2, 12^3\})$	8217427968
12	$\mathcal{O}(3; \{2, 4^5, 6^2, 12^3\})$	3822059520
12	$\mathcal{O}(3; \{2^4, 3, 4, 6^3, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{3^4, 4, 6^3, 12^3\})$	8169652224
12	$\mathcal{O}(3; \{2, 3, 4^3, 6^3, 12^3\})$	4013162496
12	$\mathcal{O}(3; \{2, 3^2, 4, 6^4, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2^2, 4, 6^5, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2^{10}, 12^4\})$	143327232
12	$\mathcal{O}(3; \{2^6, 3^3, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3^6, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2^7, 4^2, 12^4\})$	573308928
12	$\mathcal{O}(3; \{2^3, 3^3, 4^2, 12^4\})$	4013162496
12	$\mathcal{O}(3; \{2^4, 4^4, 12^4\})$	2293235712
12	$\mathcal{O}(3; \{3^3, 4^4, 12^4\})$	16052649984
12	$\mathcal{O}(3; \{2, 4^6, 12^4\})$	9172942848
12	$\mathcal{O}(3; \{2^7, 3, 6, 12^4\})$	525533184
12	$\mathcal{O}(3; \{2^3, 3^4, 6, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2^4, 3, 4^2, 6, 12^4\})$	2102132736
12	$\mathcal{O}(3; \{3^4, 4^2, 6, 12^4\})$	16243752960
12	$\mathcal{O}(3; \{2, 3, 4^4, 6, 12^4\})$	8408530944
12	$\mathcal{O}(3; \{2^4, 3^2, 6^2, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{3^5, 6^2, 12^4\})$	16291528704
12	$\mathcal{O}(3; \{2, 3^2, 4^2, 6^2, 12^4\})$	8217427968
12	$\mathcal{O}(3; \{2^5, 6^3, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^3, 6^3, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2^2, 4^2, 6^3, 12^4\})$	4013162496
12	$\mathcal{O}(3; \{2^2, 3, 6^4, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{6^6, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2^4, 3^2, 4, 12^5\})$	4013162496
12	$\mathcal{O}(3; \{3^5, 4, 12^5\})$	32678608896
12	$\mathcal{O}(3; \{2, 3^2, 4^3, 12^5\})$	16052649984
12	$\mathcal{O}(3; \{2^5, 4, 6, 12^5\})$	2102132736
12	$\mathcal{O}(3; \{2, 3^3, 4, 6, 12^5\})$	16243752960
12	$\mathcal{O}(3; \{2^2, 4^3, 6, 12^5\})$	8408530944
12	$\mathcal{O}(3; \{2^2, 3, 4, 6^2, 12^5\})$	8217427968
12	$\mathcal{O}(3; \{4, 6^4, 12^5\})$	16243752960
12	$\mathcal{O}(3; \{2^5, 3, 12^6\})$	4013162496
12	$\mathcal{O}(3; \{2, 3^4, 12^6\})$	32678608896
12	$\mathcal{O}(3; \{2^2, 3, 4^2, 12^6\})$	16052649984
12	$\mathcal{O}(3; \{2^2, 3^2, 6, 12^6\})$	16243752960
12	$\mathcal{O}(3; \{2^3, 6^2, 12^6\})$	8217427968
12	$\mathcal{O}(3; \{4^2, 6^2, 12^6\})$	32869711872

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{3, 6^3, 12^6\})$	32678608896
12	$\mathcal{O}(3; \{2^3, 4, 12^7\})$	16052649984
12	$\mathcal{O}(3; \{4^3, 12^7\})$	64210599936
12	$\mathcal{O}(3; \{3, 4, 6, 12^7\})$	64975011840
12	$\mathcal{O}(3; \{3^2, 12^8\})$	130714435584
12	$\mathcal{O}(3; \{2, 6, 12^8\})$	64975011840
12	$\mathcal{O}(2; \{2^{16}, 3^4\})$	116640
12	$\mathcal{O}(2; \{2^{12}, 3^7\})$	816480
12	$\mathcal{O}(2; \{2^8, 3^{10}\})$	6648480
12	$\mathcal{O}(2; \{2^4, 3^{13}\})$	53071200
12	$\mathcal{O}(2; \{3^{16}\})$	424686240
12	$\mathcal{O}(2; \{2^{13}, 3^4, 4^2\})$	248832
12	$\mathcal{O}(2; \{2^9, 3^7, 4^2\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^{10}, 4^2\})$	14183424
12	$\mathcal{O}(2; \{2, 3^{13}, 4^2\})$	113218560
12	$\mathcal{O}(2; \{2^{10}, 3^4, 4^4\})$	995328
12	$\mathcal{O}(2; \{2^6, 3^7, 4^4\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^{10}, 4^4\})$	56733696
12	$\mathcal{O}(2; \{2^7, 3^4, 4^6\})$	3981312
12	$\mathcal{O}(2; \{2^3, 3^7, 4^6\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3^4, 4^8\})$	15925248
12	$\mathcal{O}(2; \{3^7, 4^8\})$	111476736
12	$\mathcal{O}(2; \{2, 3^4, 4^{10}\})$	63700992
12	$\mathcal{O}(2; \{2^{17}, 3^2, 6\})$	38880
12	$\mathcal{O}(2; \{2^{13}, 3^5, 6\})$	427680
12	$\mathcal{O}(2; \{2^9, 3^8, 6\})$	3304800
12	$\mathcal{O}(2; \{2^5, 3^{11}, 6\})$	26555040
12	$\mathcal{O}(2; \{2, 3^{14}, 6\})$	212323680
12	$\mathcal{O}(2; \{2^{14}, 3^2, 4^2, 6\})$	82944
12	$\mathcal{O}(2; \{2^{10}, 3^5, 4^2, 6\})$	912384
12	$\mathcal{O}(2; \{2^6, 3^8, 4^2, 6\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^{11}, 4^2, 6\})$	56650752
12	$\mathcal{O}(2; \{2^{11}, 3^2, 4^4, 6\})$	331776
12	$\mathcal{O}(2; \{2^7, 3^5, 4^4, 6\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^8, 4^4, 6\})$	28200960
12	$\mathcal{O}(2; \{2^8, 3^2, 4^6, 6\})$	1327104
12	$\mathcal{O}(2; \{2^4, 3^5, 4^6, 6\})$	14598144
12	$\mathcal{O}(2; \{3^8, 4^6, 6\})$	112803840
12	$\mathcal{O}(2; \{2^5, 3^2, 4^8, 6\})$	5308416
12	$\mathcal{O}(2; \{2, 3^5, 4^8, 6\})$	58392576
12	$\mathcal{O}(2; \{2^2, 3^2, 4^{10}, 6\})$	21233664
12	$\mathcal{O}(2; \{2^{18}, 6^2\})$	38880
12	$\mathcal{O}(2; \{2^{14}, 3^3, 6^2\})$	194400

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^{10}, 3^6, 6^2\})$	1671840
12	$\mathcal{O}(2; \{2^6, 3^9, 6^2\})$	13258080
12	$\mathcal{O}(2; \{2^2, 3^{12}, 6^2\})$	106181280
12	$\mathcal{O}(2; \{2^{15}, 4^2, 6^2\})$	82944
12	$\mathcal{O}(2; \{2^{11}, 3^3, 4^2, 6^2\})$	414720
12	$\mathcal{O}(2; \{2^7, 3^6, 4^2, 6^2\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^9, 4^2, 6^2\})$	28283904
12	$\mathcal{O}(2; \{2^{12}, 4^4, 6^2\})$	331776
12	$\mathcal{O}(2; \{2^8, 3^3, 4^4, 6^2\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3^6, 4^4, 6^2\})$	14266368
12	$\mathcal{O}(2; \{3^9, 4^4, 6^2\})$	113135616
12	$\mathcal{O}(2; \{2^9, 4^6, 6^2\})$	1327104
12	$\mathcal{O}(2; \{2^5, 3^3, 4^6, 6^2\})$	6635520
12	$\mathcal{O}(2; \{2, 3^6, 4^6, 6^2\})$	57065472
12	$\mathcal{O}(2; \{2^6, 4^8, 6^2\})$	5308416
12	$\mathcal{O}(2; \{2^2, 3^3, 4^8, 6^2\})$	26542080
12	$\mathcal{O}(2; \{2^3, 4^{10}, 6^2\})$	21233664
12	$\mathcal{O}(2; \{4^{12}, 6^2\})$	84934656
12	$\mathcal{O}(2; \{2^{15}, 3, 6^3\})$	116640
12	$\mathcal{O}(2; \{2^{11}, 3^4, 6^3\})$	816480
12	$\mathcal{O}(2; \{2^7, 3^7, 6^3\})$	6648480
12	$\mathcal{O}(2; \{2^3, 3^{10}, 6^3\})$	53071200
12	$\mathcal{O}(2; \{2^{12}, 3, 4^2, 6^3\})$	248832
12	$\mathcal{O}(2; \{2^8, 3^4, 4^2, 6^3\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^7, 4^2, 6^3\})$	14183424
12	$\mathcal{O}(2; \{3^{10}, 4^2, 6^3\})$	113218560
12	$\mathcal{O}(2; \{2^9, 3, 4^4, 6^3\})$	995328
12	$\mathcal{O}(2; \{2^5, 3^4, 4^4, 6^3\})$	6967296
12	$\mathcal{O}(2; \{2, 3^7, 4^4, 6^3\})$	56733696
12	$\mathcal{O}(2; \{2^6, 3, 4^6, 6^3\})$	3981312
12	$\mathcal{O}(2; \{2^2, 3^4, 4^6, 6^3\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3, 4^8, 6^3\})$	15925248
12	$\mathcal{O}(2; \{3, 4^{10}, 6^3\})$	63700992
12	$\mathcal{O}(2; \{2^{12}, 3^2, 6^4\})$	427680
12	$\mathcal{O}(2; \{2^8, 3^5, 6^4\})$	3304800
12	$\mathcal{O}(2; \{2^4, 3^8, 6^4\})$	26555040
12	$\mathcal{O}(2; \{3^{11}, 6^4\})$	212323680
12	$\mathcal{O}(2; \{2^9, 3^2, 4^2, 6^4\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^5, 4^2, 6^4\})$	7050240
12	$\mathcal{O}(2; \{2, 3^8, 4^2, 6^4\})$	56650752
12	$\mathcal{O}(2; \{2^6, 3^2, 4^4, 6^4\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^5, 4^4, 6^4\})$	28200960
12	$\mathcal{O}(2; \{2^3, 3^2, 4^6, 6^4\})$	14598144

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{3^2, 4^8, 6^4\})$	58392576
12	$\mathcal{O}(2; \{2^{13}, 6^5\})$	194400
12	$\mathcal{O}(2; \{2^9, 3^3, 6^5\})$	1671840
12	$\mathcal{O}(2; \{2^5, 3^6, 6^5\})$	13258080
12	$\mathcal{O}(2; \{2, 3^9, 6^5\})$	106181280
12	$\mathcal{O}(2; \{2^{10}, 4^2, 6^5\})$	414720
12	$\mathcal{O}(2; \{2^6, 3^3, 4^2, 6^5\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^6, 4^2, 6^5\})$	28283904
12	$\mathcal{O}(2; \{2^7, 4^4, 6^5\})$	1658880
12	$\mathcal{O}(2; \{2^3, 3^3, 4^4, 6^5\})$	14266368
12	$\mathcal{O}(2; \{2^4, 4^6, 6^5\})$	6635520
12	$\mathcal{O}(2; \{3^3, 4^6, 6^5\})$	57065472
12	$\mathcal{O}(2; \{2, 4^8, 6^5\})$	26542080
12	$\mathcal{O}(2; \{2^{10}, 3, 6^6\})$	816480
12	$\mathcal{O}(2; \{2^6, 3^4, 6^6\})$	6648480
12	$\mathcal{O}(2; \{2^2, 3^7, 6^6\})$	53071200
12	$\mathcal{O}(2; \{2^7, 3, 4^2, 6^6\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^4, 4^2, 6^6\})$	14183424
12	$\mathcal{O}(2; \{2^4, 3, 4^4, 6^6\})$	6967296
12	$\mathcal{O}(2; \{3^4, 4^4, 6^6\})$	56733696
12	$\mathcal{O}(2; \{2, 3, 4^6, 6^6\})$	27869184
12	$\mathcal{O}(2; \{2^7, 3^2, 6^7\})$	3304800
12	$\mathcal{O}(2; \{2^3, 3^5, 6^7\})$	26555040
12	$\mathcal{O}(2; \{2^4, 3^2, 4^2, 6^7\})$	7050240
12	$\mathcal{O}(2; \{3^5, 4^2, 6^7\})$	56650752
12	$\mathcal{O}(2; \{2, 3^2, 4^4, 6^7\})$	28200960
12	$\mathcal{O}(2; \{2^8, 6^8\})$	1671840
12	$\mathcal{O}(2; \{2^4, 3^3, 6^8\})$	13258080
12	$\mathcal{O}(2; \{3^6, 6^8\})$	106181280
12	$\mathcal{O}(2; \{2^5, 4^2, 6^8\})$	3566592
12	$\mathcal{O}(2; \{2, 3^3, 4^2, 6^8\})$	28283904
12	$\mathcal{O}(2; \{2^2, 4^4, 6^8\})$	14266368
12	$\mathcal{O}(2; \{2^5, 3, 6^9\})$	6648480
12	$\mathcal{O}(2; \{2, 3^4, 6^9\})$	53071200
12	$\mathcal{O}(2; \{2^2, 3, 4^2, 6^9\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3^2, 6^{10}\})$	26555040
12	$\mathcal{O}(2; \{2^3, 6^{11}\})$	13258080
12	$\mathcal{O}(2; \{4^2, 6^{11}\})$	28283904
12	$\mathcal{O}(2; \{3, 6^{12}\})$	53071200
12	$\mathcal{O}(2; \{2^{14}, 3^3, 4, 12\})$	248832
12	$\mathcal{O}(2; \{2^{10}, 3^6, 4, 12\})$	1741824
12	$\mathcal{O}(2; \{2^6, 3^9, 4, 12\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3^{12}, 4, 12\})$	113218560

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^{11}, 3^3, 4^3, 12\})$	995328
12	$\mathcal{O}(2; \{2^7, 3^6, 4^3, 12\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^9, 4^3, 12\})$	56733696
12	$\mathcal{O}(2; \{2^8, 3^3, 4^5, 12\})$	3981312
12	$\mathcal{O}(2; \{2^4, 3^6, 4^5, 12\})$	27869184
12	$\mathcal{O}(2; \{3^9, 4^5, 12\})$	226934784
12	$\mathcal{O}(2; \{2^5, 3^3, 4^7, 12\})$	15925248
12	$\mathcal{O}(2; \{2, 3^6, 4^7, 12\})$	111476736
12	$\mathcal{O}(2; \{2^2, 3^3, 4^9, 12\})$	63700992
12	$\mathcal{O}(2; \{2^{15}, 3, 4, 6, 12\})$	82944
12	$\mathcal{O}(2; \{2^{11}, 3^4, 4, 6, 12\})$	912384
12	$\mathcal{O}(2; \{2^7, 3^7, 4, 6, 12\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3^{10}, 4, 6, 12\})$	56650752
12	$\mathcal{O}(2; \{2^{12}, 3, 4^3, 6, 12\})$	331776
12	$\mathcal{O}(2; \{2^8, 3^4, 4^3, 6, 12\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^7, 4^3, 6, 12\})$	28200960
12	$\mathcal{O}(2; \{3^{10}, 4^3, 6, 12\})$	226603008
12	$\mathcal{O}(2; \{2^9, 3, 4^5, 6, 12\})$	1327104
12	$\mathcal{O}(2; \{2^5, 3^4, 4^5, 6, 12\})$	14598144
12	$\mathcal{O}(2; \{2, 3^7, 4^5, 6, 12\})$	112803840
12	$\mathcal{O}(2; \{2^6, 3, 4^7, 6, 12\})$	5308416
12	$\mathcal{O}(2; \{2^2, 3^4, 4^7, 6, 12\})$	58392576
12	$\mathcal{O}(2; \{2^3, 3, 4^9, 6, 12\})$	21233664
12	$\mathcal{O}(2; \{3, 4^{11}, 6, 12\})$	84934656
12	$\mathcal{O}(2; \{2^{12}, 3^2, 4, 6^2, 12\})$	414720
12	$\mathcal{O}(2; \{2^8, 3^5, 4, 6^2, 12\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3^8, 4, 6^2, 12\})$	28283904
12	$\mathcal{O}(2; \{3^{11}, 4, 6^2, 12\})$	226520064
12	$\mathcal{O}(2; \{2^9, 3^2, 4^3, 6^2, 12\})$	1658880
12	$\mathcal{O}(2; \{2^5, 3^5, 4^3, 6^2, 12\})$	14266368
12	$\mathcal{O}(2; \{2, 3^8, 4^3, 6^2, 12\})$	113135616
12	$\mathcal{O}(2; \{2^6, 3^2, 4^5, 6^2, 12\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^5, 4^5, 6^2, 12\})$	57065472
12	$\mathcal{O}(2; \{2^3, 3^2, 4^7, 6^2, 12\})$	26542080
12	$\mathcal{O}(2; \{3^2, 4^9, 6^2, 12\})$	106168320
12	$\mathcal{O}(2; \{2^{13}, 4, 6^3, 12\})$	248832
12	$\mathcal{O}(2; \{2^9, 3^3, 4, 6^3, 12\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^6, 4, 6^3, 12\})$	14183424
12	$\mathcal{O}(2; \{2, 3^9, 4, 6^3, 12\})$	113218560
12	$\mathcal{O}(2; \{2^{10}, 4^3, 6^3, 12\})$	995328
12	$\mathcal{O}(2; \{2^6, 3^3, 4^3, 6^3, 12\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^6, 4^3, 6^3, 12\})$	56733696
12	$\mathcal{O}(2; \{2^7, 4^5, 6^3, 12\})$	3981312

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^3, 3^3, 4^5, 6^3, 12\})$	27869184
12	$\mathcal{O}(2; \{2^4, 4^7, 6^3, 12\})$	15925248
12	$\mathcal{O}(2; \{3^3, 4^7, 6^3, 12\})$	111476736
12	$\mathcal{O}(2; \{2, 4^9, 6^3, 12\})$	63700992
12	$\mathcal{O}(2; \{2^{10}, 3, 4, 6^4, 12\})$	912384
12	$\mathcal{O}(2; \{2^6, 3^4, 4, 6^4, 12\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^7, 4, 6^4, 12\})$	56650752
12	$\mathcal{O}(2; \{2^7, 3, 4^3, 6^4, 12\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^4, 4^3, 6^4, 12\})$	28200960
12	$\mathcal{O}(2; \{2^4, 3, 4^5, 6^4, 12\})$	14598144
12	$\mathcal{O}(2; \{3^4, 4^5, 6^4, 12\})$	112803840
12	$\mathcal{O}(2; \{2, 3, 4^7, 6^4, 12\})$	58392576
12	$\mathcal{O}(2; \{2^7, 3^2, 4, 6^5, 12\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^5, 4, 6^5, 12\})$	28283904
12	$\mathcal{O}(2; \{2^4, 3^2, 4^3, 6^5, 12\})$	14266368
12	$\mathcal{O}(2; \{3^5, 4^3, 6^5, 12\})$	113135616
12	$\mathcal{O}(2; \{2, 3^2, 4^5, 6^5, 12\})$	57065472
12	$\mathcal{O}(2; \{2^8, 4, 6^6, 12\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^3, 4, 6^6, 12\})$	14183424
12	$\mathcal{O}(2; \{3^6, 4, 6^6, 12\})$	113218560
12	$\mathcal{O}(2; \{2^5, 4^3, 6^6, 12\})$	6967296
12	$\mathcal{O}(2; \{2, 3^3, 4^3, 6^6, 12\})$	56733696
12	$\mathcal{O}(2; \{2^2, 4^5, 6^6, 12\})$	27869184
12	$\mathcal{O}(2; \{2^5, 3, 4, 6^7, 12\})$	7050240
12	$\mathcal{O}(2; \{2, 3^4, 4, 6^7, 12\})$	56650752
12	$\mathcal{O}(2; \{2^2, 3, 4^3, 6^7, 12\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^2, 4, 6^8, 12\})$	28283904
12	$\mathcal{O}(2; \{2^3, 4, 6^9, 12\})$	14183424
12	$\mathcal{O}(2; \{4^3, 6^9, 12\})$	56733696
12	$\mathcal{O}(2; \{3, 4, 6^{10}, 12\})$	56650752
12	$\mathcal{O}(2; \{2^{15}, 3^2, 12^2\})$	248832
12	$\mathcal{O}(2; \{2^{11}, 3^5, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^7, 3^8, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^3, 3^{11}, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^{12}, 3^2, 4^2, 12^2\})$	995328
12	$\mathcal{O}(2; \{2^8, 3^5, 4^2, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^8, 4^2, 12^2\})$	56733696
12	$\mathcal{O}(2; \{3^{11}, 4^2, 12^2\})$	452874240
12	$\mathcal{O}(2; \{2^9, 3^2, 4^4, 12^2\})$	3981312
12	$\mathcal{O}(2; \{2^5, 3^5, 4^4, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2, 3^8, 4^4, 12^2\})$	226934784
12	$\mathcal{O}(2; \{2^6, 3^2, 4^6, 12^2\})$	15925248
12	$\mathcal{O}(2; \{2^2, 3^5, 4^6, 12^2\})$	111476736

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^3, 3^2, 4^8, 12^2\})$	63700992
12	$\mathcal{O}(2; \{3^2, 4^{10}, 12^2\})$	254803968
12	$\mathcal{O}(2; \{2^{16}, 6, 12^2\})$	82944
12	$\mathcal{O}(2; \{2^{12}, 3^3, 6, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^8, 3^6, 6, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^4, 3^9, 6, 12^2\})$	56650752
12	$\mathcal{O}(2; \{3^{12}, 6, 12^2\})$	452957184
12	$\mathcal{O}(2; \{2^{13}, 4^2, 6, 12^2\})$	331776
12	$\mathcal{O}(2; \{2^9, 3^3, 4^2, 6, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^5, 3^6, 4^2, 6, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2, 3^9, 4^2, 6, 12^2\})$	226603008
12	$\mathcal{O}(2; \{2^{10}, 4^4, 6, 12^2\})$	1327104
12	$\mathcal{O}(2; \{2^6, 3^3, 4^4, 6, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3^6, 4^4, 6, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^7, 4^6, 6, 12^2\})$	5308416
12	$\mathcal{O}(2; \{2^3, 3^3, 4^6, 6, 12^2\})$	58392576
12	$\mathcal{O}(2; \{2^4, 4^8, 6, 12^2\})$	21233664
12	$\mathcal{O}(2; \{3^3, 4^8, 6, 12^2\})$	233570304
12	$\mathcal{O}(2; \{2, 4^{10}, 6, 12^2\})$	84934656
12	$\mathcal{O}(2; \{2^{13}, 3, 6^2, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^9, 3^4, 6^2, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^5, 3^7, 6^2, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2, 3^{10}, 6^2, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2^{10}, 3, 4^2, 6^2, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^6, 3^4, 4^2, 6^2, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^7, 4^2, 6^2, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^7, 3, 4^4, 6^2, 12^2\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3^4, 4^4, 6^2, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^4, 3, 4^6, 6^2, 12^2\})$	26542080
12	$\mathcal{O}(2; \{3^4, 4^6, 6^2, 12^2\})$	228261888
12	$\mathcal{O}(2; \{2, 3, 4^8, 6^2, 12^2\})$	106168320
12	$\mathcal{O}(2; \{2^{10}, 3^2, 6^3, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^6, 3^5, 6^3, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3^8, 6^3, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^7, 3^2, 4^2, 6^3, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^5, 4^2, 6^3, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^4, 3^2, 4^4, 6^3, 12^2\})$	27869184
12	$\mathcal{O}(2; \{3^5, 4^4, 6^3, 12^2\})$	226934784
12	$\mathcal{O}(2; \{2, 3^2, 4^6, 6^3, 12^2\})$	111476736
12	$\mathcal{O}(2; \{2^{11}, 6^4, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^7, 3^3, 6^4, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3^6, 6^4, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^8, 4^2, 6^4, 12^2\})$	3649536

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^4, 3^3, 4^2, 6^4, 12^2\})$	28200960
12	$\mathcal{O}(2; \{3^6, 4^2, 6^4, 12^2\})$	226603008
12	$\mathcal{O}(2; \{2^5, 4^4, 6^4, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2, 3^3, 4^4, 6^4, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^2, 4^6, 6^4, 12^2\})$	58392576
12	$\mathcal{O}(2; \{2^8, 3, 6^5, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3^4, 6^5, 12^2\})$	28283904
12	$\mathcal{O}(2; \{3^7, 6^5, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2^5, 3, 4^2, 6^5, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2, 3^4, 4^2, 6^5, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^2, 3, 4^4, 6^5, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^5, 3^2, 6^6, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2, 3^5, 6^6, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^2, 3^2, 4^2, 6^6, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^6, 6^7, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^3, 6^7, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^3, 4^2, 6^7, 12^2\})$	28200960
12	$\mathcal{O}(2; \{4^4, 6^7, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^3, 3, 6^8, 12^2\})$	28283904
12	$\mathcal{O}(2; \{3, 4^2, 6^8, 12^2\})$	113135616
12	$\mathcal{O}(2; \{3^2, 6^9, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2, 6^{10}, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^{13}, 3, 4, 12^3\})$	995328
12	$\mathcal{O}(2; \{2^9, 3^4, 4, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^5, 3^7, 4, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2, 3^{10}, 4, 12^3\})$	452874240
12	$\mathcal{O}(2; \{2^{10}, 3, 4^3, 12^3\})$	3981312
12	$\mathcal{O}(2; \{2^6, 3^4, 4^3, 12^3\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^7, 4^3, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2^7, 3, 4^5, 12^3\})$	15925248
12	$\mathcal{O}(2; \{2^3, 3^4, 4^5, 12^3\})$	111476736
12	$\mathcal{O}(2; \{2^4, 3, 4^7, 12^3\})$	63700992
12	$\mathcal{O}(2; \{3^4, 4^7, 12^3\})$	445906944
12	$\mathcal{O}(2; \{2, 3, 4^9, 12^3\})$	254803968
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4, 6, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^6, 3^5, 4, 6, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^8, 4, 6, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^7, 3^2, 4^3, 6, 12^3\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3^5, 4^3, 6, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^4, 3^2, 4^5, 6, 12^3\})$	58392576
12	$\mathcal{O}(2; \{3^5, 4^5, 6, 12^3\})$	451215360
12	$\mathcal{O}(2; \{2, 3^2, 4^7, 6, 12^3\})$	233570304
12	$\mathcal{O}(2; \{2^{11}, 4, 6^2, 12^3\})$	1658880

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^7, 3^3, 4, 6^2, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3^6, 4, 6^2, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^8, 4^3, 6^2, 12^3\})$	6635520
12	$\mathcal{O}(2; \{2^4, 3^3, 4^3, 6^2, 12^3\})$	57065472
12	$\mathcal{O}(2; \{3^6, 4^3, 6^2, 12^3\})$	452542464
12	$\mathcal{O}(2; \{2^5, 4^5, 6^2, 12^3\})$	26542080
12	$\mathcal{O}(2; \{2, 3^3, 4^5, 6^2, 12^3\})$	228261888
12	$\mathcal{O}(2; \{2^2, 4^7, 6^2, 12^3\})$	106168320
12	$\mathcal{O}(2; \{2^8, 3, 4, 6^3, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^4, 4, 6^3, 12^3\})$	56733696
12	$\mathcal{O}(2; \{3^7, 4, 6^3, 12^3\})$	452874240
12	$\mathcal{O}(2; \{2^5, 3, 4^3, 6^3, 12^3\})$	27869184
12	$\mathcal{O}(2; \{2, 3^4, 4^3, 6^3, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2^2, 3, 4^5, 6^3, 12^3\})$	111476736
12	$\mathcal{O}(2; \{2^5, 3^2, 4, 6^4, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2, 3^5, 4, 6^4, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^2, 3^2, 4^3, 6^4, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^6, 4, 6^5, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^3, 4, 6^5, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^3, 4^3, 6^5, 12^3\})$	57065472
12	$\mathcal{O}(2; \{4^5, 6^5, 12^3\})$	228261888
12	$\mathcal{O}(2; \{2^3, 3, 4, 6^6, 12^3\})$	56733696
12	$\mathcal{O}(2; \{3, 4^3, 6^6, 12^3\})$	226934784
12	$\mathcal{O}(2; \{3^2, 4, 6^7, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2, 4, 6^8, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^{14}, 12^4\})$	995328
12	$\mathcal{O}(2; \{2^{10}, 3^3, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^6, 3^6, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^2, 3^9, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2^{11}, 4^2, 12^4\})$	3981312
12	$\mathcal{O}(2; \{2^7, 3^3, 4^2, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^6, 4^2, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^8, 4^4, 12^4\})$	15925248
12	$\mathcal{O}(2; \{2^4, 3^3, 4^4, 12^4\})$	111476736
12	$\mathcal{O}(2; \{3^6, 4^4, 12^4\})$	907739136
12	$\mathcal{O}(2; \{2^5, 4^6, 12^4\})$	63700992
12	$\mathcal{O}(2; \{2, 3^3, 4^6, 12^4\})$	445906944
12	$\mathcal{O}(2; \{2^2, 4^8, 12^4\})$	254803968
12	$\mathcal{O}(2; \{2^{11}, 3, 6, 12^4\})$	3649536
12	$\mathcal{O}(2; \{2^7, 3^4, 6, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^3, 3^7, 6, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^8, 3, 4^2, 6, 12^4\})$	14598144
12	$\mathcal{O}(2; \{2^4, 3^4, 4^2, 6, 12^4\})$	112803840

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{3^7, 4^2, 6, 12^4\})$	906412032
12	$\mathcal{O}(2; \{2^5, 3, 4^4, 6, 12^4\})$	58392576
12	$\mathcal{O}(2; \{2, 3^4, 4^4, 6, 12^4\})$	451215360
12	$\mathcal{O}(2; \{2^2, 3, 4^6, 6, 12^4\})$	233570304
12	$\mathcal{O}(2; \{2^8, 3^2, 6^2, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^4, 3^5, 6^2, 12^4\})$	113135616
12	$\mathcal{O}(2; \{3^8, 6^2, 12^4\})$	90680256
12	$\mathcal{O}(2; \{2^5, 3^2, 4^2, 6^2, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2, 3^5, 4^2, 6^2, 12^4\})$	452542464
12	$\mathcal{O}(2; \{2^2, 3^2, 4^4, 6^2, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2^9, 6^3, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^5, 3^3, 6^3, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2, 3^6, 6^3, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2^6, 4^2, 6^3, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^3, 4^2, 6^3, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^3, 4^4, 6^3, 12^4\})$	111476736
12	$\mathcal{O}(2; \{4^6, 6^3, 12^4\})$	445906944
12	$\mathcal{O}(2; \{2^6, 3, 6^4, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^4, 6^4, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^3, 3, 4^2, 6^4, 12^4\})$	112803840
12	$\mathcal{O}(2; \{3, 4^4, 6^4, 12^4\})$	451215360
12	$\mathcal{O}(2; \{2^3, 3^2, 6^5, 12^4\})$	113135616
12	$\mathcal{O}(2; \{3^2, 4^2, 6^5, 12^4\})$	452542464
12	$\mathcal{O}(2; \{2^4, 6^6, 12^4\})$	56733696
12	$\mathcal{O}(2; \{3^3, 6^6, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2, 4^2, 6^6, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2, 3, 6^7, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^8, 3^2, 4, 12^5\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3^5, 4, 12^5\})$	226934784
12	$\mathcal{O}(2; \{3^8, 4, 12^5\})$	1811496960
12	$\mathcal{O}(2; \{2^5, 3^2, 4^3, 12^5\})$	111476736
12	$\mathcal{O}(2; \{2, 3^5, 4^3, 12^5\})$	907739136
12	$\mathcal{O}(2; \{2^2, 3^2, 4^5, 12^5\})$	445906944
12	$\mathcal{O}(2; \{2^9, 4, 6, 12^5\})$	14598144
12	$\mathcal{O}(2; \{2^5, 3^3, 4, 6, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2, 3^6, 4, 6, 12^5\})$	906412032
12	$\mathcal{O}(2; \{2^6, 4^3, 6, 12^5\})$	58392576
12	$\mathcal{O}(2; \{2^2, 3^3, 4^3, 6, 12^5\})$	451215360
12	$\mathcal{O}(2; \{2^3, 4^5, 6, 12^5\})$	233570304
12	$\mathcal{O}(2; \{4^7, 6, 12^5\})$	934281216
12	$\mathcal{O}(2; \{2^6, 3, 4, 6^2, 12^5\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3^4, 4, 6^2, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^3, 3, 4^3, 6^2, 12^5\})$	228261888

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{3, 4^5, 6^2, 12^5\})$	913047552
12	$\mathcal{O}(2; \{2^3, 3^2, 4, 6^3, 12^5\})$	226934784
12	$\mathcal{O}(2; \{3^2, 4^3, 6^3, 12^5\})$	907739136
12	$\mathcal{O}(2; \{2^4, 4, 6^4, 12^5\})$	112803840
12	$\mathcal{O}(2; \{3^3, 4, 6^4, 12^5\})$	906412032
12	$\mathcal{O}(2; \{2, 4^3, 6^4, 12^5\})$	451215360
12	$\mathcal{O}(2; \{2, 3, 4, 6^5, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^9, 3, 12^6\})$	27869184
12	$\mathcal{O}(2; \{2^5, 3^4, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2, 3^7, 12^6\})$	1811496960
12	$\mathcal{O}(2; \{2^6, 3, 4^2, 12^6\})$	111476736
12	$\mathcal{O}(2; \{2^2, 3^4, 4^2, 12^6\})$	907739136
12	$\mathcal{O}(2; \{2^3, 3, 4^4, 12^6\})$	445906944
12	$\mathcal{O}(2; \{3, 4^6, 12^6\})$	1783627776
12	$\mathcal{O}(2; \{2^6, 3^2, 6, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3^5, 6, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^3, 3^2, 4^2, 6, 12^6\})$	451215360
12	$\mathcal{O}(2; \{3^2, 4^4, 6, 12^6\})$	1804861440
12	$\mathcal{O}(2; \{2^7, 6^2, 12^6\})$	57065472
12	$\mathcal{O}(2; \{2^3, 3^3, 6^2, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2^4, 4^2, 6^2, 12^6\})$	228261888
12	$\mathcal{O}(2; \{3^3, 4^2, 6^2, 12^6\})$	1810169856
12	$\mathcal{O}(2; \{2, 4^4, 6^2, 12^6\})$	913047552
12	$\mathcal{O}(2; \{2^4, 3, 6^3, 12^6\})$	226934784
12	$\mathcal{O}(2; \{3^4, 6^3, 12^6\})$	1811496960
12	$\mathcal{O}(2; \{2, 3, 4^2, 6^3, 12^6\})$	907739136
12	$\mathcal{O}(2; \{2, 3^2, 6^4, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^2, 6^5, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2^7, 4, 12^7\})$	111476736
12	$\mathcal{O}(2; \{2^3, 3^3, 4, 12^7\})$	907739136
12	$\mathcal{O}(2; \{2^4, 4^3, 12^7\})$	445906944
12	$\mathcal{O}(2; \{3^3, 4^3, 12^7\})$	3630956544
12	$\mathcal{O}(2; \{2, 4^5, 12^7\})$	1783627776
12	$\mathcal{O}(2; \{2^4, 3, 4, 6, 12^7\})$	451215360
12	$\mathcal{O}(2; \{3^4, 4, 6, 12^7\})$	3625648128
12	$\mathcal{O}(2; \{2, 3, 4^3, 6, 12^7\})$	1804861440
12	$\mathcal{O}(2; \{2, 3^2, 4, 6^2, 12^7\})$	1810169856
12	$\mathcal{O}(2; \{2^2, 4, 6^3, 12^7\})$	907739136
12	$\mathcal{O}(2; \{2^4, 3^2, 12^8\})$	907739136
12	$\mathcal{O}(2; \{3^5, 12^8\})$	7245987840
12	$\mathcal{O}(2; \{2, 3^2, 4^2, 12^8\})$	3630956544
12	$\mathcal{O}(2; \{2^5, 6, 12^8\})$	451215360
12	$\mathcal{O}(2; \{2, 3^3, 6, 12^8\})$	3625648128

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^2, 4^2, 6, 12^8\})$	1804861440
12	$\mathcal{O}(2; \{2^2, 3, 6^2, 12^8\})$	1810169856
12	$\mathcal{O}(2; \{6^4, 12^8\})$	3625648128
12	$\mathcal{O}(2; \{2^2, 3, 4, 12^9\})$	3630956544
12	$\mathcal{O}(2; \{4, 6^2, 12^9\})$	7240679424
12	$\mathcal{O}(2; \{2^3, 12^{10}\})$	3630956544
12	$\mathcal{O}(2; \{4^2, 12^{10}\})$	14523826176
12	$\mathcal{O}(2; \{3, 6, 12^{10}\})$	14502592512
12	$\mathcal{O}(1; \{2^{20}, 3^4\})$	648
12	$\mathcal{O}(1; \{2^{16}, 3^7\})$	4536
12	$\mathcal{O}(1; \{2^{12}, 3^{10}\})$	36936
12	$\mathcal{O}(1; \{2^8, 3^{13}\})$	294840
12	$\mathcal{O}(1; \{2^4, 3^{16}\})$	2359368
12	$\mathcal{O}(1; \{3^{19}\})$	18874296
12	$\mathcal{O}(1; \{2^{17}, 3^4, 4^2\})$	1728
12	$\mathcal{O}(1; \{2^{13}, 3^7, 4^2\})$	12096
12	$\mathcal{O}(1; \{2^9, 3^{10}, 4^2\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^{13}, 4^2\})$	786240
12	$\mathcal{O}(1; \{2, 3^{16}, 4^2\})$	6291648
12	$\mathcal{O}(1; \{2^{14}, 3^4, 4^4\})$	6912
12	$\mathcal{O}(1; \{2^{10}, 3^7, 4^4\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^{10}, 4^4\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^{13}, 4^4\})$	3144960
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^6\})$	27648
12	$\mathcal{O}(1; \{2^7, 3^7, 4^6\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^6\})$	1575936
12	$\mathcal{O}(1; \{2^8, 3^4, 4^8\})$	110592
12	$\mathcal{O}(1; \{2^4, 3^7, 4^8\})$	774144
12	$\mathcal{O}(1; \{3^{10}, 4^8\})$	6303744
12	$\mathcal{O}(1; \{2^5, 3^4, 4^{10}\})$	442368
12	$\mathcal{O}(1; \{2, 3^7, 4^{10}\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3^4, 4^{12}\})$	1769472
12	$\mathcal{O}(1; \{2^{21}, 3^2, 6\})$	216
12	$\mathcal{O}(1; \{2^{17}, 3^5, 6\})$	2376
12	$\mathcal{O}(1; \{2^{13}, 3^8, 6\})$	18360
12	$\mathcal{O}(1; \{2^9, 3^{11}, 6\})$	147528
12	$\mathcal{O}(1; \{2^5, 3^{14}, 6\})$	1179576
12	$\mathcal{O}(1; \{2, 3^{17}, 6\})$	9437256
12	$\mathcal{O}(1; \{2^{18}, 3^2, 4^2, 6\})$	576
12	$\mathcal{O}(1; \{2^{14}, 3^5, 4^2, 6\})$	6336
12	$\mathcal{O}(1; \{2^{10}, 3^8, 4^2, 6\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^{11}, 4^2, 6\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^{14}, 4^2, 6\})$	3145536

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{15}, 3^2, 4^4, 6\})$	2304
12	$\mathcal{O}(1; \{2^{11}, 3^5, 4^4, 6\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^8, 4^4, 6\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^{11}, 4^4, 6\})$	1573632
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^6, 6\})$	9216
12	$\mathcal{O}(1; \{2^8, 3^5, 4^6, 6\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^8, 4^6, 6\})$	783360
12	$\mathcal{O}(1; \{3^{11}, 4^6, 6\})$	6294528
12	$\mathcal{O}(1; \{2^9, 3^2, 4^8, 6\})$	36864
12	$\mathcal{O}(1; \{2^5, 3^5, 4^8, 6\})$	405504
12	$\mathcal{O}(1; \{2, 3^8, 4^8, 6\})$	3133440
12	$\mathcal{O}(1; \{2^6, 3^2, 4^{10}, 6\})$	147456
12	$\mathcal{O}(1; \{2^2, 3^5, 4^{10}, 6\})$	1622016
12	$\mathcal{O}(1; \{2^3, 3^2, 4^{12}, 6\})$	589824
12	$\mathcal{O}(1; \{3^2, 4^{14}, 6\})$	2359296
12	$\mathcal{O}(1; \{2^{22}, 6^2\})$	216
12	$\mathcal{O}(1; \{2^{18}, 3^3, 6^2\})$	1080
12	$\mathcal{O}(1; \{2^{14}, 3^6, 6^2\})$	9288
12	$\mathcal{O}(1; \{2^{10}, 3^9, 6^2\})$	73656
12	$\mathcal{O}(1; \{2^6, 3^{12}, 6^2\})$	589896
12	$\mathcal{O}(1; \{2^2, 3^{15}, 6^2\})$	4718520
12	$\mathcal{O}(1; \{2^{19}, 4^2, 6^2\})$	576
12	$\mathcal{O}(1; \{2^{15}, 3^3, 4^2, 6^2\})$	2880
12	$\mathcal{O}(1; \{2^{11}, 3^6, 4^2, 6^2\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^9, 4^2, 6^2\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^{12}, 4^2, 6^2\})$	1573056
12	$\mathcal{O}(1; \{2^{16}, 4^4, 6^2\})$	2304
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^4, 6^2\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^6, 4^4, 6^2\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^9, 4^4, 6^2\})$	785664
12	$\mathcal{O}(1; \{3^{12}, 4^4, 6^2\})$	6292224
12	$\mathcal{O}(1; \{2^{13}, 4^6, 6^2\})$	9216
12	$\mathcal{O}(1; \{2^9, 3^3, 4^6, 6^2\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^6, 4^6, 6^2\})$	396288
12	$\mathcal{O}(1; \{2, 3^9, 4^6, 6^2\})$	3142656
12	$\mathcal{O}(1; \{2^{10}, 4^8, 6^2\})$	36864
12	$\mathcal{O}(1; \{2^6, 3^3, 4^8, 6^2\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^6, 4^8, 6^2\})$	1585152
12	$\mathcal{O}(1; \{2^7, 4^{10}, 6^2\})$	147456
12	$\mathcal{O}(1; \{2^3, 3^3, 4^{10}, 6^2\})$	737280
12	$\mathcal{O}(1; \{2^4, 4^{12}, 6^2\})$	589824
12	$\mathcal{O}(1; \{3^3, 4^{12}, 6^2\})$	2949120
12	$\mathcal{O}(1; \{2, 4^{14}, 6^2\})$	2359296

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{19}, 3, 6^3\})$	648
12	$\mathcal{O}(1; \{2^{15}, 3^4, 6^3\})$	4536
12	$\mathcal{O}(1; \{2^{11}, 3^7, 6^3\})$	36936
12	$\mathcal{O}(1; \{2^7, 3^{10}, 6^3\})$	294840
12	$\mathcal{O}(1; \{2^3, 3^{13}, 6^3\})$	2359368
12	$\mathcal{O}(1; \{2^{16}, 3, 4^2, 6^3\})$	1728
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4^2, 6^3\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^7, 4^2, 6^3\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4^2, 6^3\})$	786240
12	$\mathcal{O}(1; \{3^{13}, 4^2, 6^3\})$	6291648
12	$\mathcal{O}(1; \{2^{13}, 3, 4^4, 6^3\})$	6912
12	$\mathcal{O}(1; \{2^9, 3^4, 4^4, 6^3\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^7, 4^4, 6^3\})$	393984
12	$\mathcal{O}(1; \{2, 3^{10}, 4^4, 6^3\})$	3144960
12	$\mathcal{O}(1; \{2^{10}, 3, 4^6, 6^3\})$	27648
12	$\mathcal{O}(1; \{2^6, 3^4, 4^6, 6^3\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^7, 4^6, 6^3\})$	1575936
12	$\mathcal{O}(1; \{2^7, 3, 4^8, 6^3\})$	110592
12	$\mathcal{O}(1; \{2^3, 3^4, 4^8, 6^3\})$	774144
12	$\mathcal{O}(1; \{2^4, 3, 4^{10}, 6^3\})$	442368
12	$\mathcal{O}(1; \{3^4, 4^{10}, 6^3\})$	3096576
12	$\mathcal{O}(1; \{2, 3, 4^{12}, 6^3\})$	1769472
12	$\mathcal{O}(1; \{2^{16}, 3^2, 6^4\})$	2376
12	$\mathcal{O}(1; \{2^{12}, 3^5, 6^4\})$	18360
12	$\mathcal{O}(1; \{2^8, 3^8, 6^4\})$	147528
12	$\mathcal{O}(1; \{2^4, 3^{11}, 6^4\})$	1179576
12	$\mathcal{O}(1; \{3^{14}, 6^4\})$	9437256
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^2, 6^4\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^5, 4^2, 6^4\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^8, 4^2, 6^4\})$	393408
12	$\mathcal{O}(1; \{2, 3^{11}, 4^2, 6^4\})$	3145536
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^4, 6^4\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^5, 4^4, 6^4\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^8, 4^4, 6^4\})$	1573632
12	$\mathcal{O}(1; \{2^7, 3^2, 4^6, 6^4\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^5, 4^6, 6^4\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^2, 4^8, 6^4\})$	405504
12	$\mathcal{O}(1; \{3^5, 4^8, 6^4\})$	3133440
12	$\mathcal{O}(1; \{2, 3^2, 4^{10}, 6^4\})$	1622016
12	$\mathcal{O}(1; \{2^{17}, 6^5\})$	1080
12	$\mathcal{O}(1; \{2^{13}, 3^3, 6^5\})$	9288
12	$\mathcal{O}(1; \{2^9, 3^6, 6^5\})$	73656
12	$\mathcal{O}(1; \{2^5, 3^9, 6^5\})$	589896

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^{12}, 6^5\})$	4718520
12	$\mathcal{O}(1; \{2^{14}, 4^2, 6^5\})$	2880
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^2, 6^5\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^6, 4^2, 6^5\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^9, 4^2, 6^5\})$	1573056
12	$\mathcal{O}(1; \{2^{11}, 4^4, 6^5\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^3, 4^4, 6^5\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^6, 4^4, 6^5\})$	785664
12	$\mathcal{O}(1; \{2^8, 4^6, 6^5\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^3, 4^6, 6^5\})$	396288
12	$\mathcal{O}(1; \{3^6, 4^6, 6^5\})$	3142656
12	$\mathcal{O}(1; \{2^5, 4^8, 6^5\})$	184320
12	$\mathcal{O}(1; \{2, 3^3, 4^8, 6^5\})$	1585152
12	$\mathcal{O}(1; \{2^2, 4^{10}, 6^5\})$	737280
12	$\mathcal{O}(1; \{2^{14}, 3, 6^6\})$	4536
12	$\mathcal{O}(1; \{2^{10}, 3^4, 6^6\})$	36936
12	$\mathcal{O}(1; \{2^6, 3^7, 6^6\})$	294840
12	$\mathcal{O}(1; \{2^2, 3^{10}, 6^6\})$	2359368
12	$\mathcal{O}(1; \{2^{11}, 3, 4^2, 6^6\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^4, 4^2, 6^6\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^7, 4^2, 6^6\})$	786240
12	$\mathcal{O}(1; \{2^8, 3, 4^4, 6^6\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^4, 4^4, 6^6\})$	393984
12	$\mathcal{O}(1; \{3^7, 4^4, 6^6\})$	3144960
12	$\mathcal{O}(1; \{2^5, 3, 4^6, 6^6\})$	193536
12	$\mathcal{O}(1; \{2, 3^4, 4^6, 6^6\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3, 4^8, 6^6\})$	774144
12	$\mathcal{O}(1; \{2^{11}, 3^2, 6^7\})$	18360
12	$\mathcal{O}(1; \{2^7, 3^5, 6^7\})$	147528
12	$\mathcal{O}(1; \{2^3, 3^8, 6^7\})$	1179576
12	$\mathcal{O}(1; \{2^8, 3^2, 4^2, 6^7\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^5, 4^2, 6^7\})$	393408
12	$\mathcal{O}(1; \{3^8, 4^2, 6^7\})$	3145536
12	$\mathcal{O}(1; \{2^5, 3^2, 4^4, 6^7\})$	195840
12	$\mathcal{O}(1; \{2, 3^5, 4^4, 6^7\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^2, 4^6, 6^7\})$	783360
12	$\mathcal{O}(1; \{2^{12}, 6^8\})$	9288
12	$\mathcal{O}(1; \{2^8, 3^3, 6^8\})$	73656
12	$\mathcal{O}(1; \{2^4, 3^6, 6^8\})$	589896
12	$\mathcal{O}(1; \{3^9, 6^8\})$	4718520
12	$\mathcal{O}(1; \{2^9, 4^2, 6^8\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^3, 4^2, 6^8\})$	196416
12	$\mathcal{O}(1; \{2, 3^6, 4^2, 6^8\})$	1573056

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^6, 4^4, 6^8\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^3, 4^4, 6^8\})$	785664
12	$\mathcal{O}(1; \{2^3, 4^6, 6^8\})$	396288
12	$\mathcal{O}(1; \{4^8, 6^8\})$	1585152
12	$\mathcal{O}(1; \{2^9, 3, 6^9\})$	36936
12	$\mathcal{O}(1; \{2^5, 3^4, 6^9\})$	294840
12	$\mathcal{O}(1; \{2, 3^7, 6^9\})$	2359368
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 6^9\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 6^9\})$	786240
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 6^9\})$	393984
12	$\mathcal{O}(1; \{3, 4^6, 6^9\})$	1575936
12	$\mathcal{O}(1; \{2^6, 3^2, 6^{10}\})$	147528
12	$\mathcal{O}(1; \{2^2, 3^5, 6^{10}\})$	1179576
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6^{10}\})$	393408
12	$\mathcal{O}(1; \{3^2, 4^4, 6^{10}\})$	1573632
12	$\mathcal{O}(1; \{2^7, 6^{11}\})$	73656
12	$\mathcal{O}(1; \{2^3, 3^3, 6^{11}\})$	589896
12	$\mathcal{O}(1; \{2^4, 4^2, 6^{11}\})$	196416
12	$\mathcal{O}(1; \{3^3, 4^2, 6^{11}\})$	1573056
12	$\mathcal{O}(1; \{2, 4^4, 6^{11}\})$	785664
12	$\mathcal{O}(1; \{2^4, 3, 6^{12}\})$	294840
12	$\mathcal{O}(1; \{3^4, 6^{12}\})$	2359368
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^{12}\})$	786240
12	$\mathcal{O}(1; \{2, 3^2, 6^{13}\})$	1179576
12	$\mathcal{O}(1; \{2^2, 6^{14}\})$	589896
12	$\mathcal{O}(1; \{2^{18}, 3^3, 4, 12\})$	1728
12	$\mathcal{O}(1; \{2^{14}, 3^6, 4, 12\})$	12096
12	$\mathcal{O}(1; \{2^{10}, 3^9, 4, 12\})$	98496
12	$\mathcal{O}(1; \{2^6, 3^{12}, 4, 12\})$	786240
12	$\mathcal{O}(1; \{2^2, 3^{15}, 4, 12\})$	6291648
12	$\mathcal{O}(1; \{2^{15}, 3^3, 4^3, 12\})$	6912
12	$\mathcal{O}(1; \{2^{11}, 3^6, 4^3, 12\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^9, 4^3, 12\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^{12}, 4^3, 12\})$	3144960
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^5, 12\})$	27648
12	$\mathcal{O}(1; \{2^8, 3^6, 4^5, 12\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^9, 4^5, 12\})$	1575936
12	$\mathcal{O}(1; \{3^{12}, 4^5, 12\})$	12579840
12	$\mathcal{O}(1; \{2^9, 3^3, 4^7, 12\})$	110592
12	$\mathcal{O}(1; \{2^5, 3^6, 4^7, 12\})$	774144
12	$\mathcal{O}(1; \{2, 3^9, 4^7, 12\})$	6303744
12	$\mathcal{O}(1; \{2^6, 3^3, 4^9, 12\})$	442368
12	$\mathcal{O}(1; \{2^2, 3^6, 4^9, 12\})$	3096576

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3^3, 4^{11}, 12\})$	1769472
12	$\mathcal{O}(1; \{3^3, 4^{13}, 12\})$	7077888
12	$\mathcal{O}(1; \{2^{19}, 3, 4, 6, 12\})$	576
12	$\mathcal{O}(1; \{2^{15}, 3^4, 4, 6, 12\})$	6336
12	$\mathcal{O}(1; \{2^{11}, 3^7, 4, 6, 12\})$	48960
12	$\mathcal{O}(1; \{2^7, 3^{10}, 4, 6, 12\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^{13}, 4, 6, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{16}, 3, 4^3, 6, 12\})$	2304
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4^3, 6, 12\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^7, 4^3, 6, 12\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4^3, 6, 12\})$	1573632
12	$\mathcal{O}(1; \{3^{13}, 4^3, 6, 12\})$	12582144
12	$\mathcal{O}(1; \{2^{13}, 3, 4^5, 6, 12\})$	9216
12	$\mathcal{O}(1; \{2^9, 3^4, 4^5, 6, 12\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^7, 4^5, 6, 12\})$	783360
12	$\mathcal{O}(1; \{2, 3^{10}, 4^5, 6, 12\})$	6294528
12	$\mathcal{O}(1; \{2^{10}, 3, 4^7, 6, 12\})$	36864
12	$\mathcal{O}(1; \{2^6, 3^4, 4^7, 6, 12\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^7, 4^7, 6, 12\})$	3133440
12	$\mathcal{O}(1; \{2^7, 3, 4^9, 6, 12\})$	147456
12	$\mathcal{O}(1; \{2^3, 3^4, 4^9, 6, 12\})$	1622016
12	$\mathcal{O}(1; \{2^4, 3, 4^{11}, 6, 12\})$	589824
12	$\mathcal{O}(1; \{3^4, 4^{11}, 6, 12\})$	6488064
12	$\mathcal{O}(1; \{2, 3, 4^{13}, 6, 12\})$	2359296
12	$\mathcal{O}(1; \{2^{16}, 3^2, 4, 6^2, 12\})$	2880
12	$\mathcal{O}(1; \{2^{12}, 3^5, 4, 6^2, 12\})$	24768
12	$\mathcal{O}(1; \{2^8, 3^8, 4, 6^2, 12\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^{11}, 4, 6^2, 12\})$	1573056
12	$\mathcal{O}(1; \{3^{14}, 4, 6^2, 12\})$	12582720
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^3, 6^2, 12\})$	11520
12	$\mathcal{O}(1; \{2^9, 3^5, 4^3, 6^2, 12\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^8, 4^3, 6^2, 12\})$	785664
12	$\mathcal{O}(1; \{2, 3^{11}, 4^3, 6^2, 12\})$	6292224
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^5, 6^2, 12\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^5, 4^5, 6^2, 12\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^8, 4^5, 6^2, 12\})$	3142656
12	$\mathcal{O}(1; \{2^7, 3^2, 4^7, 6^2, 12\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^5, 4^7, 6^2, 12\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3^2, 4^9, 6^2, 12\})$	737280
12	$\mathcal{O}(1; \{3^5, 4^9, 6^2, 12\})$	6340608
12	$\mathcal{O}(1; \{2, 3^2, 4^{11}, 6^2, 12\})$	2949120
12	$\mathcal{O}(1; \{2^{17}, 4, 6^3, 12\})$	1728
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4, 6^3, 12\})$	12096

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^9, 3^6, 4, 6^3, 12\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^9, 4, 6^3, 12\})$	786240
12	$\mathcal{O}(1; \{2, 3^{12}, 4, 6^3, 12\})$	6291648
12	$\mathcal{O}(1; \{2^{14}, 4^3, 6^3, 12\})$	6912
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^3, 6^3, 12\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^6, 4^3, 6^3, 12\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^9, 4^3, 6^3, 12\})$	3144960
12	$\mathcal{O}(1; \{2^{11}, 4^5, 6^3, 12\})$	27648
12	$\mathcal{O}(1; \{2^7, 3^3, 4^5, 6^3, 12\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^6, 4^5, 6^3, 12\})$	1575936
12	$\mathcal{O}(1; \{2^8, 4^7, 6^3, 12\})$	110592
12	$\mathcal{O}(1; \{2^4, 3^3, 4^7, 6^3, 12\})$	774144
12	$\mathcal{O}(1; \{3^6, 4^7, 6^3, 12\})$	6303744
12	$\mathcal{O}(1; \{2^5, 4^9, 6^3, 12\})$	442368
12	$\mathcal{O}(1; \{2, 3^3, 4^9, 6^3, 12\})$	3096576
12	$\mathcal{O}(1; \{2^2, 4^{11}, 6^3, 12\})$	1769472
12	$\mathcal{O}(1; \{2^{14}, 3, 4, 6^4, 12\})$	6336
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4, 6^4, 12\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^7, 4, 6^4, 12\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4, 6^4, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{11}, 3, 4^3, 6^4, 12\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^4, 4^3, 6^4, 12\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^7, 4^3, 6^4, 12\})$	1573632
12	$\mathcal{O}(1; \{2^8, 3, 4^5, 6^4, 12\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^4, 4^5, 6^4, 12\})$	783360
12	$\mathcal{O}(1; \{3^7, 4^5, 6^4, 12\})$	6294528
12	$\mathcal{O}(1; \{2^5, 3, 4^7, 6^4, 12\})$	405504
12	$\mathcal{O}(1; \{2, 3^4, 4^7, 6^4, 12\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3, 4^9, 6^4, 12\})$	1622016
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4, 6^5, 12\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^5, 4, 6^5, 12\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^8, 4, 6^5, 12\})$	1573056
12	$\mathcal{O}(1; \{2^8, 3^2, 4^3, 6^5, 12\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^5, 4^3, 6^5, 12\})$	785664
12	$\mathcal{O}(1; \{3^8, 4^3, 6^5, 12\})$	6292224
12	$\mathcal{O}(1; \{2^5, 3^2, 4^5, 6^5, 12\})$	396288
12	$\mathcal{O}(1; \{2, 3^5, 4^5, 6^5, 12\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^2, 4^7, 6^5, 12\})$	1585152
12	$\mathcal{O}(1; \{2^{12}, 4, 6^6, 12\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^3, 4, 6^6, 12\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^6, 4, 6^6, 12\})$	786240
12	$\mathcal{O}(1; \{3^9, 4, 6^6, 12\})$	6291648
12	$\mathcal{O}(1; \{2^9, 4^3, 6^6, 12\})$	48384

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^5, 3^3, 4^3, 6^6, 12\})$	393984
12	$\mathcal{O}(1; \{2, 3^6, 4^3, 6^6, 12\})$	3144960
12	$\mathcal{O}(1; \{2^6, 4^5, 6^6, 12\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^3, 4^5, 6^6, 12\})$	1575936
12	$\mathcal{O}(1; \{2^3, 4^7, 6^6, 12\})$	774144
12	$\mathcal{O}(1; \{4^9, 6^6, 12\})$	3096576
12	$\mathcal{O}(1; \{2^9, 3, 4, 6^7, 12\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^4, 4, 6^7, 12\})$	393408
12	$\mathcal{O}(1; \{2, 3^7, 4, 6^7, 12\})$	3145536
12	$\mathcal{O}(1; \{2^6, 3, 4^3, 6^7, 12\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^4, 4^3, 6^7, 12\})$	1573632
12	$\mathcal{O}(1; \{2^3, 3, 4^5, 6^7, 12\})$	783360
12	$\mathcal{O}(1; \{3, 4^7, 6^7, 12\})$	3133440
12	$\mathcal{O}(1; \{2^6, 3^2, 4, 6^8, 12\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^5, 4, 6^8, 12\})$	1573056
12	$\mathcal{O}(1; \{2^3, 3^2, 4^3, 6^8, 12\})$	785664
12	$\mathcal{O}(1; \{3^2, 4^5, 6^8, 12\})$	3142656
12	$\mathcal{O}(1; \{2^7, 4, 6^9, 12\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^3, 4, 6^9, 12\})$	786240
12	$\mathcal{O}(1; \{2^4, 4^3, 6^9, 12\})$	393984
12	$\mathcal{O}(1; \{3^3, 4^3, 6^9, 12\})$	3144960
12	$\mathcal{O}(1; \{2, 4^5, 6^9, 12\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3, 4, 6^{10}, 12\})$	393408
12	$\mathcal{O}(1; \{3^4, 4, 6^{10}, 12\})$	3145536
12	$\mathcal{O}(1; \{2, 3, 4^3, 6^{10}, 12\})$	1573632
12	$\mathcal{O}(1; \{2, 3^2, 4, 6^{11}, 12\})$	1573056
12	$\mathcal{O}(1; \{2^2, 4, 6^{12}, 12\})$	786240
12	$\mathcal{O}(1; \{2^{19}, 3^2, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{15}, 3^5, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^{11}, 3^8, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^7, 3^{11}, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^3, 3^{14}, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{16}, 3^2, 4^2, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^{12}, 3^5, 4^2, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^8, 3^8, 4^2, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^{11}, 4^2, 12^2\})$	3144960
12	$\mathcal{O}(1; \{3^{14}, 4^2, 12^2\})$	25166592
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^4, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^9, 3^5, 4^4, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^8, 4^4, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2, 3^{11}, 4^4, 12^2\})$	12579840
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^6, 12^2\})$	110592
12	$\mathcal{O}(1; \{2^6, 3^5, 4^6, 12^2\})$	774144

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3^8, 4^6, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^7, 3^2, 4^8, 12^2\})$	442368
12	$\mathcal{O}(1; \{2^3, 3^5, 4^8, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^4, 3^2, 4^{10}, 12^2\})$	1769472
12	$\mathcal{O}(1; \{3^5, 4^{10}, 12^2\})$	12386304
12	$\mathcal{O}(1; \{2, 3^2, 4^{12}, 12^2\})$	7077888
12	$\mathcal{O}(1; \{2^{20}, 6, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{16}, 3^3, 6, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^{12}, 3^6, 6, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^8, 3^9, 6, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^4, 3^{12}, 6, 12^2\})$	3145536
12	$\mathcal{O}(1; \{3^{15}, 6, 12^2\})$	25166016
12	$\mathcal{O}(1; \{2^{17}, 4^2, 6, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4^2, 6, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^9, 3^6, 4^2, 6, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^9, 4^2, 6, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2, 3^{12}, 4^2, 6, 12^2\})$	12582144
12	$\mathcal{O}(1; \{2^{14}, 4^4, 6, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^4, 6, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^6, 3^6, 4^4, 6, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^9, 4^4, 6, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^{11}, 4^6, 6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^7, 3^3, 4^6, 6, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^6, 4^6, 6, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^8, 4^8, 6, 12^2\})$	147456
12	$\mathcal{O}(1; \{2^4, 3^3, 4^8, 6, 12^2\})$	1622016
12	$\mathcal{O}(1; \{3^6, 4^8, 6, 12^2\})$	12533760
12	$\mathcal{O}(1; \{2^5, 4^{10}, 6, 12^2\})$	589824
12	$\mathcal{O}(1; \{2, 3^3, 4^{10}, 6, 12^2\})$	6488064
12	$\mathcal{O}(1; \{2^2, 4^{12}, 6, 12^2\})$	2359296
12	$\mathcal{O}(1; \{2^{17}, 3, 6^2, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{13}, 3^4, 6^2, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^9, 3^7, 6^2, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^5, 3^{10}, 6^2, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2, 3^{13}, 6^2, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^{14}, 3, 4^2, 6^2, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^2, 6^2, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^7, 4^2, 6^2, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^2, 6^2, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^{11}, 3, 4^4, 6^2, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^7, 3^4, 4^4, 6^2, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^7, 4^4, 6^2, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^8, 3, 4^6, 6^2, 12^2\})$	184320

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^4, 3^4, 4^6, 6^2, 12^2\})$	1585152
12	$\mathcal{O}(1; \{3^7, 4^6, 6^2, 12^2\})$	12570624
12	$\mathcal{O}(1; \{2^5, 3, 4^8, 6^2, 12^2\})$	737280
12	$\mathcal{O}(1; \{2, 3^4, 4^8, 6^2, 12^2\})$	6340608
12	$\mathcal{O}(1; \{2^2, 3, 4^{10}, 6^2, 12^2\})$	2949120
12	$\mathcal{O}(1; \{2^{14}, 3^2, 6^3, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^{10}, 3^5, 6^3, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^6, 3^8, 6^3, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^2, 3^{11}, 6^3, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^2, 6^3, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^5, 4^2, 6^3, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^8, 4^2, 6^3, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^8, 3^2, 4^4, 6^3, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^5, 4^4, 6^3, 12^2\})$	1575936
12	$\mathcal{O}(1; \{3^8, 4^4, 6^3, 12^2\})$	12579840
12	$\mathcal{O}(1; \{2^5, 3^2, 4^6, 6^3, 12^2\})$	774144
12	$\mathcal{O}(1; \{2, 3^5, 4^6, 6^3, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^2, 4^8, 6^3, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^{15}, 6^4, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^{11}, 3^3, 6^4, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^7, 3^6, 6^4, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^9, 6^4, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{12}, 4^2, 6^4, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^3, 4^2, 6^4, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^6, 4^2, 6^4, 12^2\})$	1573632
12	$\mathcal{O}(1; \{3^9, 4^2, 6^4, 12^2\})$	12582144
12	$\mathcal{O}(1; \{2^9, 4^4, 6^4, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^3, 4^4, 6^4, 12^2\})$	783360
12	$\mathcal{O}(1; \{2, 3^6, 4^4, 6^4, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^6, 4^6, 6^4, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^3, 4^6, 6^4, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^3, 4^8, 6^4, 12^2\})$	1622016
12	$\mathcal{O}(1; \{4^{10}, 6^4, 12^2\})$	6488064
12	$\mathcal{O}(1; \{2^{12}, 3, 6^5, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^8, 3^4, 6^5, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^7, 6^5, 12^2\})$	1573056
12	$\mathcal{O}(1; \{3^{10}, 6^5, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^9, 3, 4^2, 6^5, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^4, 4^2, 6^5, 12^2\})$	785664
12	$\mathcal{O}(1; \{2, 3^7, 4^2, 6^5, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^6, 3, 4^4, 6^5, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^4, 4^4, 6^5, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3, 4^6, 6^5, 12^2\})$	1585152

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3, 4^8, 6^5, 12^2\})$	6340608
12	$\mathcal{O}(1; \{2^9, 3^2, 6^6, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^5, 6^6, 12^2\})$	786240
12	$\mathcal{O}(1; \{2, 3^8, 6^6, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^6, 3^2, 4^2, 6^6, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^5, 4^2, 6^6, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^3, 3^2, 4^4, 6^6, 12^2\})$	1575936
12	$\mathcal{O}(1; \{3^2, 4^6, 6^6, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^{10}, 6^7, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^3, 6^7, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^6, 6^7, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^7, 4^2, 6^7, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 6^7, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^4, 4^4, 6^7, 12^2\})$	783360
12	$\mathcal{O}(1; \{3^3, 4^4, 6^7, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2, 4^6, 6^7, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^7, 3, 6^8, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^4, 6^8, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 6^8, 12^2\})$	785664
12	$\mathcal{O}(1; \{3^4, 4^2, 6^8, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2, 3, 4^4, 6^8, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^4, 3^2, 6^9, 12^2\})$	786240
12	$\mathcal{O}(1; \{3^5, 6^9, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^9, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^5, 6^{10}, 12^2\})$	393408
12	$\mathcal{O}(1; \{2, 3^3, 6^{10}, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^2, 4^2, 6^{10}, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3, 6^{11}, 12^2\})$	1573056
12	$\mathcal{O}(1; \{6^{13}, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{17}, 3, 4, 12^3\})$	6912
12	$\mathcal{O}(1; \{2^{13}, 3^4, 4, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^9, 3^7, 4, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^5, 3^{10}, 4, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2, 3^{13}, 4, 12^3\})$	25166592
12	$\mathcal{O}(1; \{2^{14}, 3, 4^3, 12^3\})$	27648
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^3, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^6, 3^7, 4^3, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^3, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^{11}, 3, 4^5, 12^3\})$	110592
12	$\mathcal{O}(1; \{2^7, 3^4, 4^5, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^7, 4^5, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^8, 3, 4^7, 12^3\})$	442368
12	$\mathcal{O}(1; \{2^4, 3^4, 4^7, 12^3\})$	3096576

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^7, 4^7, 12^3\})$	25214976
12	$\mathcal{O}(1; \{2^5, 3, 4^9, 12^3\})$	1769472
12	$\mathcal{O}(1; \{2, 3^4, 4^9, 12^3\})$	12386304
12	$\mathcal{O}(1; \{2^2, 3, 4^{11}, 12^3\})$	7077888
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4, 6, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4, 6, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^6, 3^8, 4, 6, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4, 6, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^3, 6, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^7, 3^5, 4^3, 6, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^8, 4^3, 6, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^8, 3^2, 4^5, 6, 12^3\})$	405504
12	$\mathcal{O}(1; \{2^4, 3^5, 4^5, 6, 12^3\})$	3133440
12	$\mathcal{O}(1; \{3^8, 4^5, 6, 12^3\})$	25178112
12	$\mathcal{O}(1; \{2^5, 3^2, 4^7, 6, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2, 3^5, 4^7, 6, 12^3\})$	12533760
12	$\mathcal{O}(1; \{2^2, 3^2, 4^9, 6, 12^3\})$	6488064
12	$\mathcal{O}(1; \{2^{15}, 4, 6^2, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4, 6^2, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^7, 3^6, 4, 6^2, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^9, 4, 6^2, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^{12}, 4^3, 6^2, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^8, 3^3, 4^3, 6^2, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^6, 4^3, 6^2, 12^3\})$	3142656
12	$\mathcal{O}(1; \{3^9, 4^3, 6^2, 12^3\})$	25168896
12	$\mathcal{O}(1; \{2^9, 4^5, 6^2, 12^3\})$	184320
12	$\mathcal{O}(1; \{2^5, 3^3, 4^5, 6^2, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2, 3^6, 4^5, 6^2, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2^6, 4^7, 6^2, 12^3\})$	737280
12	$\mathcal{O}(1; \{2^2, 3^3, 4^7, 6^2, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^3, 4^9, 6^2, 12^3\})$	2949120
12	$\mathcal{O}(1; \{4^{11}, 6^2, 12^3\})$	11796480
12	$\mathcal{O}(1; \{2^{12}, 3, 4, 6^3, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^8, 3^4, 4, 6^3, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^7, 4, 6^3, 12^3\})$	3144960
12	$\mathcal{O}(1; \{3^{10}, 4, 6^3, 12^3\})$	25166592
12	$\mathcal{O}(1; \{2^9, 3, 4^3, 6^3, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^4, 4^3, 6^3, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2, 3^7, 4^3, 6^3, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^6, 3, 4^5, 6^3, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^4, 4^5, 6^3, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3, 4^7, 6^3, 12^3\})$	3096576
12	$\mathcal{O}(1; \{3, 4^9, 6^3, 12^3\})$	12386304

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^9, 3^2, 4, 6^4, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^5, 4, 6^4, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2, 3^8, 4, 6^4, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^6, 3^2, 4^3, 6^4, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^5, 4^3, 6^4, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^3, 3^2, 4^5, 6^4, 12^3\})$	3133440
12	$\mathcal{O}(1; \{3^2, 4^7, 6^4, 12^3\})$	12533760
12	$\mathcal{O}(1; \{2^{10}, 4, 6^5, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^3, 4, 6^5, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^6, 4, 6^5, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^7, 4^3, 6^5, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^3, 4^3, 6^5, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^4, 4^5, 6^5, 12^3\})$	1585152
12	$\mathcal{O}(1; \{3^3, 4^5, 6^5, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2, 4^7, 6^5, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^7, 3, 4, 6^6, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^4, 4, 6^6, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^4, 3, 4^3, 6^6, 12^3\})$	1575936
12	$\mathcal{O}(1; \{3^4, 4^3, 6^6, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2, 3, 4^5, 6^6, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 6^7, 12^3\})$	1573632
12	$\mathcal{O}(1; \{3^5, 4, 6^7, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2, 3^2, 4^3, 6^7, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^5, 4, 6^8, 12^3\})$	785664
12	$\mathcal{O}(1; \{2, 3^3, 4, 6^8, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^2, 4^3, 6^8, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3, 4, 6^9, 12^3\})$	3144960
12	$\mathcal{O}(1; \{4, 6^{11}, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^{18}, 12^4\})$	6912
12	$\mathcal{O}(1; \{2^{14}, 3^3, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^{10}, 3^6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^6, 3^9, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^2, 3^{12}, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^{15}, 4^2, 12^4\})$	27648
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^2, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^7, 3^6, 4^2, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^9, 4^2, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^{12}, 4^4, 12^4\})$	110592
12	$\mathcal{O}(1; \{2^8, 3^3, 4^4, 12^4\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^6, 4^4, 12^4\})$	6303744
12	$\mathcal{O}(1; \{3^9, 4^4, 12^4\})$	50319360
12	$\mathcal{O}(1; \{2^9, 4^6, 12^4\})$	442368
12	$\mathcal{O}(1; \{2^5, 3^3, 4^6, 12^4\})$	3096576

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^6, 4^6, 12^4\})$	25214976
12	$\mathcal{O}(1; \{2^6, 4^8, 12^4\})$	1769472
12	$\mathcal{O}(1; \{2^2, 3^3, 4^8, 12^4\})$	12386304
12	$\mathcal{O}(1; \{2^3, 4^{10}, 12^4\})$	7077888
12	$\mathcal{O}(1; \{4^{12}, 12^4\})$	28311552
12	$\mathcal{O}(1; \{2^{15}, 3, 6, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^{11}, 3^4, 6, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^7, 3^7, 6, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^3, 3^{10}, 6, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^{12}, 3, 4^2, 6, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^8, 3^4, 4^2, 6, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^7, 4^2, 6, 12^4\})$	6294528
12	$\mathcal{O}(1; \{3^{10}, 4^2, 6, 12^4\})$	50328576
12	$\mathcal{O}(1; \{2^9, 3, 4^4, 6, 12^4\})$	405504
12	$\mathcal{O}(1; \{2^5, 3^4, 4^4, 6, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2, 3^7, 4^4, 6, 12^4\})$	25178112
12	$\mathcal{O}(1; \{2^6, 3, 4^6, 6, 12^4\})$	1622016
12	$\mathcal{O}(1; \{2^2, 3^4, 4^6, 6, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2^3, 3, 4^8, 6, 12^4\})$	6488064
12	$\mathcal{O}(1; \{3, 4^{10}, 6, 12^4\})$	25952256
12	$\mathcal{O}(1; \{2^{12}, 3^2, 6^2, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^8, 3^5, 6^2, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^4, 3^8, 6^2, 12^4\})$	6292224
12	$\mathcal{O}(1; \{3^{11}, 6^2, 12^4\})$	50330880
12	$\mathcal{O}(1; \{2^9, 3^2, 4^2, 6^2, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^5, 3^5, 4^2, 6^2, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2, 3^8, 4^2, 6^2, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2^6, 3^2, 4^4, 6^2, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^5, 4^4, 6^2, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^3, 3^2, 4^6, 6^2, 12^4\})$	6340608
12	$\mathcal{O}(1; \{3^2, 4^8, 6^2, 12^4\})$	25362432
12	$\mathcal{O}(1; \{2^{13}, 6^3, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^9, 3^3, 6^3, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^5, 3^6, 6^3, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2, 3^9, 6^3, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^{10}, 4^2, 6^3, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^6, 3^3, 4^2, 6^3, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^6, 4^2, 6^3, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^7, 4^4, 6^3, 12^4\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^3, 4^4, 6^3, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^4, 4^6, 6^3, 12^4\})$	3096576
12	$\mathcal{O}(1; \{3^3, 4^6, 6^3, 12^4\})$	25214976
12	$\mathcal{O}(1; \{2, 4^8, 6^3, 12^4\})$	12386304

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{10}, 3, 6^4, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^6, 3^4, 6^4, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^7, 6^4, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^7, 3, 4^2, 6^4, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^4, 4^2, 6^4, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^4, 3, 4^4, 6^4, 12^4\})$	3133440
12	$\mathcal{O}(1; \{3^4, 4^4, 6^4, 12^4\})$	25178112
12	$\mathcal{O}(1; \{2, 3, 4^6, 6^4, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2^7, 3^2, 6^5, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^5, 6^5, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 6^5, 12^4\})$	3142656
12	$\mathcal{O}(1; \{3^5, 4^2, 6^5, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2, 3^2, 4^4, 6^5, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^8, 6^6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^3, 6^6, 12^4\})$	3144960
12	$\mathcal{O}(1; \{3^6, 6^6, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^5, 4^2, 6^6, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 6^6, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^2, 4^4, 6^6, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^5, 3, 6^7, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2, 3^4, 6^7, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^7, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^2, 3^2, 6^8, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^3, 6^9, 12^4\})$	3144960
12	$\mathcal{O}(1; \{4^2, 6^9, 12^4\})$	12579840
12	$\mathcal{O}(1; \{3, 6^{10}, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^8, 3^5, 4, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3^8, 4, 12^5\})$	12579840
12	$\mathcal{O}(1; \{3^{11}, 4, 12^5\})$	100666368
12	$\mathcal{O}(1; \{2^9, 3^2, 4^3, 12^5\})$	774144
12	$\mathcal{O}(1; \{2^5, 3^5, 4^3, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2, 3^8, 4^3, 12^5\})$	50319360
12	$\mathcal{O}(1; \{2^6, 3^2, 4^5, 12^5\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3^5, 4^5, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2^3, 3^2, 4^7, 12^5\})$	12386304
12	$\mathcal{O}(1; \{3^2, 4^9, 12^5\})$	49545216
12	$\mathcal{O}(1; \{2^{13}, 4, 6, 12^5\})$	101376
12	$\mathcal{O}(1; \{2^9, 3^3, 4, 6, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^5, 3^6, 4, 6, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2, 3^9, 4, 6, 12^5\})$	50328576
12	$\mathcal{O}(1; \{2^{10}, 4^3, 6, 12^5\})$	405504
12	$\mathcal{O}(1; \{2^6, 3^3, 4^3, 6, 12^5\})$	3133440

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3^6, 4^3, 6, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2^7, 4^5, 6, 12^5\})$	1622016
12	$\mathcal{O}(1; \{2^3, 3^3, 4^5, 6, 12^5\})$	12533760
12	$\mathcal{O}(1; \{2^4, 4^7, 6, 12^5\})$	6488064
12	$\mathcal{O}(1; \{3^3, 4^7, 6, 12^5\})$	50135040
12	$\mathcal{O}(1; \{2, 4^9, 6, 12^5\})$	25952256
12	$\mathcal{O}(1; \{2^{10}, 3, 4, 6^2, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^6, 3^4, 4, 6^2, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^7, 4, 6^2, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^7, 3, 4^3, 6^2, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^4, 4^3, 6^2, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^4, 3, 4^5, 6^2, 12^5\})$	6340608
12	$\mathcal{O}(1; \{3^4, 4^5, 6^2, 12^5\})$	50282496
12	$\mathcal{O}(1; \{2, 3, 4^7, 6^2, 12^5\})$	25362432
12	$\mathcal{O}(1; \{2^7, 3^2, 4, 6^3, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^5, 4, 6^3, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^4, 3^2, 4^3, 6^3, 12^5\})$	6303744
12	$\mathcal{O}(1; \{3^5, 4^3, 6^3, 12^5\})$	50319360
12	$\mathcal{O}(1; \{2, 3^2, 4^5, 6^3, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2^8, 4, 6^4, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^3, 4, 6^4, 12^5\})$	6294528
12	$\mathcal{O}(1; \{3^6, 4, 6^4, 12^5\})$	50328576
12	$\mathcal{O}(1; \{2^5, 4^3, 6^4, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2, 3^3, 4^3, 6^4, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2^2, 4^5, 6^4, 12^5\})$	12533760
12	$\mathcal{O}(1; \{2^5, 3, 4, 6^5, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2, 3^4, 4, 6^5, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 6^5, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^6, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^3, 4, 6^7, 12^5\})$	6294528
12	$\mathcal{O}(1; \{4^3, 6^7, 12^5\})$	25178112
12	$\mathcal{O}(1; \{3, 4, 6^8, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^{13}, 3, 12^6\})$	193536
12	$\mathcal{O}(1; \{2^9, 3^4, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3^7, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2, 3^{10}, 12^6\})$	100666368
12	$\mathcal{O}(1; \{2^{10}, 3, 4^2, 12^6\})$	774144
12	$\mathcal{O}(1; \{2^6, 3^4, 4^2, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^7, 4^2, 12^6\})$	50319360
12	$\mathcal{O}(1; \{2^7, 3, 4^4, 12^6\})$	3096576
12	$\mathcal{O}(1; \{2^3, 3^4, 4^4, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2^4, 3, 4^6, 12^6\})$	12386304
12	$\mathcal{O}(1; \{3^4, 4^6, 12^6\})$	100859904

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3, 4^8, 12^6\})$	49545216
12	$\mathcal{O}(1; \{2^{10}, 3^2, 6, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^6, 3^5, 6, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^2, 3^8, 6, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^7, 3^2, 4^2, 6, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3^5, 4^2, 6, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2^4, 3^2, 4^4, 6, 12^6\})$	12533760
12	$\mathcal{O}(1; \{3^5, 4^4, 6, 12^6\})$	100712448
12	$\mathcal{O}(1; \{2, 3^2, 4^6, 6, 12^6\})$	50135040
12	$\mathcal{O}(1; \{2^{11}, 6^2, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^7, 3^3, 6^2, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3^6, 6^2, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^8, 4^2, 6^2, 12^6\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3^3, 4^2, 6^2, 12^6\})$	12570624
12	$\mathcal{O}(1; \{3^6, 4^2, 6^2, 12^6\})$	100675584
12	$\mathcal{O}(1; \{2^5, 4^4, 6^2, 12^6\})$	6340608
12	$\mathcal{O}(1; \{2, 3^3, 4^4, 6^2, 12^6\})$	50282496
12	$\mathcal{O}(1; \{2^2, 4^6, 6^2, 12^6\})$	25362432
12	$\mathcal{O}(1; \{2^8, 3, 6^3, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3^4, 6^3, 12^6\})$	12579840
12	$\mathcal{O}(1; \{3^7, 6^3, 12^6\})$	100666368
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 6^3, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 6^3, 12^6\})$	50319360
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 6^3, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2^5, 3^2, 6^4, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2, 3^5, 6^4, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^4, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2^6, 6^5, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^3, 6^5, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^3, 4^2, 6^5, 12^6\})$	12570624
12	$\mathcal{O}(1; \{4^4, 6^5, 12^6\})$	50282496
12	$\mathcal{O}(1; \{2^3, 3, 6^6, 12^6\})$	12579840
12	$\mathcal{O}(1; \{3, 4^2, 6^6, 12^6\})$	50319360
12	$\mathcal{O}(1; \{3^2, 6^7, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2, 6^8, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^{11}, 4, 12^7\})$	774144
12	$\mathcal{O}(1; \{2^7, 3^3, 4, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3^6, 4, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^8, 4^3, 12^7\})$	3096576
12	$\mathcal{O}(1; \{2^4, 3^3, 4^3, 12^7\})$	25214976
12	$\mathcal{O}(1; \{3^6, 4^3, 12^7\})$	201277440
12	$\mathcal{O}(1; \{2^5, 4^5, 12^7\})$	12386304
12	$\mathcal{O}(1; \{2, 3^3, 4^5, 12^7\})$	100859904

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 4^7, 12^7\})$	49545216
12	$\mathcal{O}(1; \{2^8, 3, 4, 6, 12^7\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3^4, 4, 6, 12^7\})$	25178112
12	$\mathcal{O}(1; \{3^7, 4, 6, 12^7\})$	201314304
12	$\mathcal{O}(1; \{2^5, 3, 4^3, 6, 12^7\})$	12533760
12	$\mathcal{O}(1; \{2, 3^4, 4^3, 6, 12^7\})$	100712448
12	$\mathcal{O}(1; \{2^2, 3, 4^5, 6, 12^7\})$	50135040
12	$\mathcal{O}(1; \{2^5, 3^2, 4, 6^2, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2, 3^5, 4, 6^2, 12^7\})$	100675584
12	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 6^2, 12^7\})$	50282496
12	$\mathcal{O}(1; \{2^6, 4, 6^3, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 6^3, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^3, 4^3, 6^3, 12^7\})$	25214976
12	$\mathcal{O}(1; \{4^5, 6^3, 12^7\})$	100859904
12	$\mathcal{O}(1; \{2^3, 3, 4, 6^4, 12^7\})$	25178112
12	$\mathcal{O}(1; \{3, 4^3, 6^4, 12^7\})$	100712448
12	$\mathcal{O}(1; \{3^2, 4, 6^5, 12^7\})$	100675584
12	$\mathcal{O}(1; \{2, 4, 6^6, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^8, 3^2, 12^8\})$	6303744
12	$\mathcal{O}(1; \{2^4, 3^5, 12^8\})$	50319360
12	$\mathcal{O}(1; \{3^8, 12^8\})$	402665472
12	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 12^8\})$	25214976
12	$\mathcal{O}(1; \{2, 3^5, 4^2, 12^8\})$	201277440
12	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 12^8\})$	100859904
12	$\mathcal{O}(1; \{2^9, 6, 12^8\})$	3133440
12	$\mathcal{O}(1; \{2^5, 3^3, 6, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2, 3^6, 6, 12^8\})$	201314304
12	$\mathcal{O}(1; \{2^6, 4^2, 6, 12^8\})$	12533760
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6, 12^8\})$	100712448
12	$\mathcal{O}(1; \{2^3, 4^4, 6, 12^8\})$	50135040
12	$\mathcal{O}(1; \{4^6, 6, 12^8\})$	200540160
12	$\mathcal{O}(1; \{2^6, 3, 6^2, 12^8\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3^4, 6^2, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^2, 12^8\})$	50282496
12	$\mathcal{O}(1; \{3, 4^4, 6^2, 12^8\})$	201129984
12	$\mathcal{O}(1; \{2^3, 3^2, 6^3, 12^8\})$	50319360
12	$\mathcal{O}(1; \{3^2, 4^2, 6^3, 12^8\})$	201277440
12	$\mathcal{O}(1; \{2^4, 6^4, 12^8\})$	25178112
12	$\mathcal{O}(1; \{3^3, 6^4, 12^8\})$	201314304
12	$\mathcal{O}(1; \{2, 4^2, 6^4, 12^8\})$	100712448
12	$\mathcal{O}(1; \{2, 3, 6^5, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^6, 3, 4, 12^9\})$	25214976
12	$\mathcal{O}(1; \{2^2, 3^4, 4, 12^9\})$	201277440

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3, 4^3, 12^9\})$	100859904
12	$\mathcal{O}(1; \{3, 4^5, 12^9\})$	403439616
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 6, 12^9\})$	100712448
12	$\mathcal{O}(1; \{3^2, 4^3, 6, 12^9\})$	402849792
12	$\mathcal{O}(1; \{2^4, 4, 6^2, 12^9\})$	50282496
12	$\mathcal{O}(1; \{3^3, 4, 6^2, 12^9\})$	402702336
12	$\mathcal{O}(1; \{2, 4^3, 6^2, 12^9\})$	201129984
12	$\mathcal{O}(1; \{2, 3, 4, 6^3, 12^9\})$	201277440
12	$\mathcal{O}(1; \{2^7, 12^{10}\})$	25214976
12	$\mathcal{O}(1; \{2^3, 3^3, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{2^4, 4^2, 12^{10}\})$	100859904
12	$\mathcal{O}(1; \{3^3, 4^2, 12^{10}\})$	805109760
12	$\mathcal{O}(1; \{2, 4^4, 12^{10}\})$	403439616
12	$\mathcal{O}(1; \{2^4, 3, 6, 12^{10}\})$	100712448
12	$\mathcal{O}(1; \{3^4, 6, 12^{10}\})$	805257216
12	$\mathcal{O}(1; \{2, 3, 4^2, 6, 12^{10}\})$	402849792
12	$\mathcal{O}(1; \{2, 3^2, 6^2, 12^{10}\})$	402702336
12	$\mathcal{O}(1; \{2^2, 6^3, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{2, 3^2, 4, 12^{11}\})$	805109760
12	$\mathcal{O}(1; \{2^2, 4, 6, 12^{11}\})$	402849792
12	$\mathcal{O}(1; \{2^2, 3, 12^{12}\})$	805109760
12	$\mathcal{O}(1; \{6^2, 12^{12}\})$	1610809344
12	$\mathcal{O}(1; \{4, 12^{13}\})$	3220439040
12	$\mathcal{O}(0; \{2^{21}, 3^4, 4^2\})$	12
12	$\mathcal{O}(0; \{2^{17}, 3^7, 4^2\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^{10}, 4^2\})$	684
12	$\mathcal{O}(0; \{2^9, 3^{13}, 4^2\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^{16}, 4^2\})$	43692
12	$\mathcal{O}(0; \{2, 3^{19}, 4^2\})$	349524
12	$\mathcal{O}(0; \{2^{18}, 3^4, 4^4\})$	48
12	$\mathcal{O}(0; \{2^{14}, 3^7, 4^4\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^{10}, 4^4\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^{13}, 4^4\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{16}, 4^4\})$	174768
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^6\})$	192
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^6\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^6\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^6\})$	87360
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^8\})$	768
12	$\mathcal{O}(0; \{2^8, 3^7, 4^8\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^8\})$	43776
12	$\mathcal{O}(0; \{3^{13}, 4^8\})$	349440
12	$\mathcal{O}(0; \{2^9, 3^4, 4^{10}\})$	3072

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^7, 4^{10}\})$	21504
12	$\mathcal{O}(0; \{2, 3^{10}, 4^{10}\})$	175104
12	$\mathcal{O}(0; \{2^6, 3^4, 4^{12}\})$	12288
12	$\mathcal{O}(0; \{2^2, 3^7, 4^{12}\})$	86016
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{14}\})$	49152
12	$\mathcal{O}(0; \{3^4, 4^{16}\})$	196608
12	$\mathcal{O}(0; \{2^{22}, 3^2, 4^2, 6\})$	4
12	$\mathcal{O}(0; \{2^{18}, 3^5, 4^2, 6\})$	44
12	$\mathcal{O}(0; \{2^{14}, 3^8, 4^2, 6\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^{11}, 4^2, 6\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^{14}, 4^2, 6\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{17}, 4^2, 6\})$	174764
12	$\mathcal{O}(0; \{2^{19}, 3^2, 4^4, 6\})$	16
12	$\mathcal{O}(0; \{2^{15}, 3^5, 4^4, 6\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^8, 4^4, 6\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^{11}, 4^4, 6\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{14}, 4^4, 6\})$	87376
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^6, 6\})$	64
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^6, 6\})$	704
12	$\mathcal{O}(0; \{2^8, 3^8, 4^6, 6\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^6, 6\})$	43712
12	$\mathcal{O}(0; \{3^{14}, 4^6, 6\})$	349504
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^8, 6\})$	256
12	$\mathcal{O}(0; \{2^9, 3^5, 4^8, 6\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^8, 4^8, 6\})$	21760
12	$\mathcal{O}(0; \{2, 3^{11}, 4^8, 6\})$	174848
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^{10}, 6\})$	1024
12	$\mathcal{O}(0; \{2^6, 3^5, 4^{10}, 6\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^8, 4^{10}, 6\})$	87040
12	$\mathcal{O}(0; \{2^7, 3^2, 4^{12}, 6\})$	4096
12	$\mathcal{O}(0; \{2^3, 3^5, 4^{12}, 6\})$	45056
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{14}, 6\})$	16384
12	$\mathcal{O}(0; \{3^5, 4^{14}, 6\})$	180224
12	$\mathcal{O}(0; \{2, 3^2, 4^{16}, 6\})$	65536
12	$\mathcal{O}(0; \{2^{23}, 4^2, 6^2\})$	4
12	$\mathcal{O}(0; \{2^{19}, 3^3, 4^2, 6^2\})$	20
12	$\mathcal{O}(0; \{2^{15}, 3^6, 4^2, 6^2\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^9, 4^2, 6^2\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^{12}, 4^2, 6^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{15}, 4^2, 6^2\})$	87380
12	$\mathcal{O}(0; \{2^{20}, 4^4, 6^2\})$	16
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^4, 6^2\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^4, 6^2\})$	688

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^8, 3^9, 4^4, 6^2\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^4, 6^2\})$	43696
12	$\mathcal{O}(0; \{3^{15}, 4^4, 6^2\})$	349520
12	$\mathcal{O}(0; \{2^{17}, 4^6, 6^2\})$	64
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^6, 6^2\})$	320
12	$\mathcal{O}(0; \{2^9, 3^6, 4^6, 6^2\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^9, 4^6, 6^2\})$	21824
12	$\mathcal{O}(0; \{2, 3^{12}, 4^6, 6^2\})$	174784
12	$\mathcal{O}(0; \{2^{14}, 4^8, 6^2\})$	256
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^8, 6^2\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^6, 4^8, 6^2\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^9, 4^8, 6^2\})$	87296
12	$\mathcal{O}(0; \{2^{11}, 4^{10}, 6^2\})$	1024
12	$\mathcal{O}(0; \{2^7, 3^3, 4^{10}, 6^2\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^6, 4^{10}, 6^2\})$	44032
12	$\mathcal{O}(0; \{2^8, 4^{12}, 6^2\})$	4096
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{12}, 6^2\})$	20480
12	$\mathcal{O}(0; \{3^6, 4^{12}, 6^2\})$	176128
12	$\mathcal{O}(0; \{2^5, 4^{14}, 6^2\})$	16384
12	$\mathcal{O}(0; \{2, 3^3, 4^{14}, 6^2\})$	81920
12	$\mathcal{O}(0; \{2^2, 4^{16}, 6^2\})$	65536
12	$\mathcal{O}(0; \{2^{20}, 3, 4^2, 6^3\})$	12
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4^2, 6^3\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4^2, 6^3\})$	684
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4^2, 6^3\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4^2, 6^3\})$	43692
12	$\mathcal{O}(0; \{3^{16}, 4^2, 6^3\})$	349524
12	$\mathcal{O}(0; \{2^{17}, 3, 4^4, 6^3\})$	48
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^4, 6^3\})$	336
12	$\mathcal{O}(0; \{2^9, 3^7, 4^4, 6^3\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^4, 6^3\})$	21840
12	$\mathcal{O}(0; \{2, 3^{13}, 4^4, 6^3\})$	174768
12	$\mathcal{O}(0; \{2^{14}, 3, 4^6, 6^3\})$	192
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^6, 6^3\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^7, 4^6, 6^3\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^6, 6^3\})$	87360
12	$\mathcal{O}(0; \{2^{11}, 3, 4^8, 6^3\})$	768
12	$\mathcal{O}(0; \{2^7, 3^4, 4^8, 6^3\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^7, 4^8, 6^3\})$	43776
12	$\mathcal{O}(0; \{2^8, 3, 4^{10}, 6^3\})$	3072
12	$\mathcal{O}(0; \{2^4, 3^4, 4^{10}, 6^3\})$	21504
12	$\mathcal{O}(0; \{3^7, 4^{10}, 6^3\})$	175104
12	$\mathcal{O}(0; \{2^5, 3, 4^{12}, 6^3\})$	12288

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^4, 4^{12}, 6^3\})$	86016
12	$\mathcal{O}(0; \{2^2, 3, 4^{14}, 6^3\})$	49152
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^2, 6^4\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^2, 6^4\})$	340
12	$\mathcal{O}(0; \{2^9, 3^8, 4^2, 6^4\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^2, 6^4\})$	21844
12	$\mathcal{O}(0; \{2, 3^{14}, 4^2, 6^4\})$	174764
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^4, 6^4\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^4, 6^4\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^8, 4^4, 6^4\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^4, 6^4\})$	87376
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^6, 6^4\})$	704
12	$\mathcal{O}(0; \{2^7, 3^5, 4^6, 6^4\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^8, 4^6, 6^4\})$	43712
12	$\mathcal{O}(0; \{2^8, 3^2, 4^8, 6^4\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^5, 4^8, 6^4\})$	21760
12	$\mathcal{O}(0; \{3^8, 4^8, 6^4\})$	174848
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{10}, 6^4\})$	11264
12	$\mathcal{O}(0; \{2, 3^5, 4^{10}, 6^4\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{12}, 6^4\})$	45056
12	$\mathcal{O}(0; \{2^{18}, 4^2, 6^5\})$	20
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^2, 6^5\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^2, 6^5\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^9, 4^2, 6^5\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^2, 6^5\})$	87380
12	$\mathcal{O}(0; \{2^{15}, 4^4, 6^5\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^4, 6^5\})$	688
12	$\mathcal{O}(0; \{2^7, 3^6, 4^4, 6^5\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^9, 4^4, 6^5\})$	43696
12	$\mathcal{O}(0; \{2^{12}, 4^6, 6^5\})$	320
12	$\mathcal{O}(0; \{2^8, 3^3, 4^6, 6^5\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^6, 4^6, 6^5\})$	21824
12	$\mathcal{O}(0; \{3^9, 4^6, 6^5\})$	174784
12	$\mathcal{O}(0; \{2^9, 4^8, 6^5\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^3, 4^8, 6^5\})$	11008
12	$\mathcal{O}(0; \{2, 3^6, 4^8, 6^5\})$	87296
12	$\mathcal{O}(0; \{2^6, 4^{10}, 6^5\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{10}, 6^5\})$	44032
12	$\mathcal{O}(0; \{2^3, 4^{12}, 6^5\})$	20480
12	$\mathcal{O}(0; \{4^{14}, 6^5\})$	81920
12	$\mathcal{O}(0; \{2^{15}, 3, 4^2, 6^6\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^2, 6^6\})$	684
12	$\mathcal{O}(0; \{2^7, 3^7, 4^2, 6^6\})$	5460

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^2, 6^6\})$	43692
12	$\mathcal{O}(0; \{2^{12}, 3, 4^4, 6^6\})$	336
12	$\mathcal{O}(0; \{2^8, 3^4, 4^4, 6^6\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^7, 4^4, 6^6\})$	21840
12	$\mathcal{O}(0; \{3^{10}, 4^4, 6^6\})$	174768
12	$\mathcal{O}(0; \{2^9, 3, 4^6, 6^6\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^4, 4^6, 6^6\})$	10944
12	$\mathcal{O}(0; \{2, 3^7, 4^6, 6^6\})$	87360
12	$\mathcal{O}(0; \{2^6, 3, 4^8, 6^6\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^4, 4^8, 6^6\})$	43776
12	$\mathcal{O}(0; \{2^3, 3, 4^{10}, 6^6\})$	21504
12	$\mathcal{O}(0; \{3, 4^{12}, 6^6\})$	86016
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^2, 6^7\})$	340
12	$\mathcal{O}(0; \{2^8, 3^5, 4^2, 6^7\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^8, 4^2, 6^7\})$	21844
12	$\mathcal{O}(0; \{3^{11}, 4^2, 6^7\})$	174764
12	$\mathcal{O}(0; \{2^9, 3^2, 4^4, 6^7\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^5, 4^4, 6^7\})$	10928
12	$\mathcal{O}(0; \{2, 3^8, 4^4, 6^7\})$	87376
12	$\mathcal{O}(0; \{2^6, 3^2, 4^6, 6^7\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^5, 4^6, 6^7\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^2, 4^8, 6^7\})$	21760
12	$\mathcal{O}(0; \{3^2, 4^{10}, 6^7\})$	87040
12	$\mathcal{O}(0; \{2^{13}, 4^2, 6^8\})$	172
12	$\mathcal{O}(0; \{2^9, 3^3, 4^2, 6^8\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^6, 4^2, 6^8\})$	10924
12	$\mathcal{O}(0; \{2, 3^9, 4^2, 6^8\})$	87380
12	$\mathcal{O}(0; \{2^{10}, 4^4, 6^8\})$	688
12	$\mathcal{O}(0; \{2^6, 3^3, 4^4, 6^8\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^6, 4^4, 6^8\})$	43696
12	$\mathcal{O}(0; \{2^7, 4^6, 6^8\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^3, 4^6, 6^8\})$	21824
12	$\mathcal{O}(0; \{2^4, 4^8, 6^8\})$	11008
12	$\mathcal{O}(0; \{3^3, 4^8, 6^8\})$	87296
12	$\mathcal{O}(0; \{2, 4^{10}, 6^8\})$	44032
12	$\mathcal{O}(0; \{2^{10}, 3, 4^2, 6^9\})$	684
12	$\mathcal{O}(0; \{2^6, 3^4, 4^2, 6^9\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^7, 4^2, 6^9\})$	43692
12	$\mathcal{O}(0; \{2^7, 3, 4^4, 6^9\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^4, 4^4, 6^9\})$	21840
12	$\mathcal{O}(0; \{2^4, 3, 4^6, 6^9\})$	10944
12	$\mathcal{O}(0; \{3^4, 4^6, 6^9\})$	87360
12	$\mathcal{O}(0; \{2, 3, 4^8, 6^9\})$	43776

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 6^{10}\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 6^{10}\})$	21844
12	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 6^{10}\})$	10928
12	$\mathcal{O}(0; \{3^5, 4^4, 6^{10}\})$	87376
12	$\mathcal{O}(0; \{2, 3^2, 4^6, 6^{10}\})$	43712
12	$\mathcal{O}(0; \{2^8, 4^2, 6^{11}\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6^{11}\})$	10924
12	$\mathcal{O}(0; \{3^6, 4^2, 6^{11}\})$	87380
12	$\mathcal{O}(0; \{2^5, 4^4, 6^{11}\})$	5456
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 6^{11}\})$	43696
12	$\mathcal{O}(0; \{2^2, 4^6, 6^{11}\})$	21824
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^{12}\})$	5460
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^{12}\})$	43692
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^{12}\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^{13}\})$	21844
12	$\mathcal{O}(0; \{2^3, 4^2, 6^{14}\})$	10924
12	$\mathcal{O}(0; \{4^4, 6^{14}\})$	43696
12	$\mathcal{O}(0; \{3, 4^2, 6^{15}\})$	43692
12	$\mathcal{O}(0; \{2^{22}, 3^3, 4, 12\})$	12
12	$\mathcal{O}(0; \{2^{18}, 3^6, 4, 12\})$	84
12	$\mathcal{O}(0; \{2^{14}, 3^9, 4, 12\})$	684
12	$\mathcal{O}(0; \{2^{10}, 3^{12}, 4, 12\})$	5460
12	$\mathcal{O}(0; \{2^6, 3^{15}, 4, 12\})$	43692
12	$\mathcal{O}(0; \{2^2, 3^{18}, 4, 12\})$	349524
12	$\mathcal{O}(0; \{2^{19}, 3^3, 4^3, 12\})$	48
12	$\mathcal{O}(0; \{2^{15}, 3^6, 4^3, 12\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^9, 4^3, 12\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^{12}, 4^3, 12\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{15}, 4^3, 12\})$	174768
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^5, 12\})$	192
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^5, 12\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^9, 4^5, 12\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^5, 12\})$	87360
12	$\mathcal{O}(0; \{3^{15}, 4^5, 12\})$	699072
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^7, 12\})$	768
12	$\mathcal{O}(0; \{2^9, 3^6, 4^7, 12\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^9, 4^7, 12\})$	43776
12	$\mathcal{O}(0; \{2, 3^{12}, 4^7, 12\})$	349440
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^9, 12\})$	3072
12	$\mathcal{O}(0; \{2^6, 3^6, 4^9, 12\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^9, 4^9, 12\})$	175104
12	$\mathcal{O}(0; \{2^7, 3^3, 4^{11}, 12\})$	12288
12	$\mathcal{O}(0; \{2^3, 3^6, 4^{11}, 12\})$	86016

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{13}, 12\})$	49152
12	$\mathcal{O}(0; \{3^6, 4^{13}, 12\})$	344064
12	$\mathcal{O}(0; \{2, 3^3, 4^{15}, 12\})$	196608
12	$\mathcal{O}(0; \{2^{23}, 3, 4, 6, 12\})$	4
12	$\mathcal{O}(0; \{2^{19}, 3^4, 4, 6, 12\})$	44
12	$\mathcal{O}(0; \{2^{15}, 3^7, 4, 6, 12\})$	340
12	$\mathcal{O}(0; \{2^{11}, 3^{10}, 4, 6, 12\})$	2732
12	$\mathcal{O}(0; \{2^7, 3^{13}, 4, 6, 12\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^{16}, 4, 6, 12\})$	174764
12	$\mathcal{O}(0; \{2^{20}, 3, 4^3, 6, 12\})$	16
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4^3, 6, 12\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4^3, 6, 12\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4^3, 6, 12\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4^3, 6, 12\})$	87376
12	$\mathcal{O}(0; \{3^{16}, 4^3, 6, 12\})$	699056
12	$\mathcal{O}(0; \{2^{17}, 3, 4^5, 6, 12\})$	64
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^5, 6, 12\})$	704
12	$\mathcal{O}(0; \{2^9, 3^7, 4^5, 6, 12\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^5, 6, 12\})$	43712
12	$\mathcal{O}(0; \{2, 3^{13}, 4^5, 6, 12\})$	349504
12	$\mathcal{O}(0; \{2^{14}, 3, 4^7, 6, 12\})$	256
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^7, 6, 12\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^7, 4^7, 6, 12\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^7, 6, 12\})$	174848
12	$\mathcal{O}(0; \{2^{11}, 3, 4^9, 6, 12\})$	1024
12	$\mathcal{O}(0; \{2^7, 3^4, 4^9, 6, 12\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^7, 4^9, 6, 12\})$	87040
12	$\mathcal{O}(0; \{2^8, 3, 4^{11}, 6, 12\})$	4096
12	$\mathcal{O}(0; \{2^4, 3^4, 4^{11}, 6, 12\})$	45056
12	$\mathcal{O}(0; \{3^7, 4^{11}, 6, 12\})$	348160
12	$\mathcal{O}(0; \{2^5, 3, 4^{13}, 6, 12\})$	16384
12	$\mathcal{O}(0; \{2, 3^4, 4^{13}, 6, 12\})$	180224
12	$\mathcal{O}(0; \{2^2, 3, 4^{15}, 6, 12\})$	65536
12	$\mathcal{O}(0; \{2^{20}, 3^2, 4, 6^2, 12\})$	20
12	$\mathcal{O}(0; \{2^{16}, 3^5, 4, 6^2, 12\})$	172
12	$\mathcal{O}(0; \{2^{12}, 3^8, 4, 6^2, 12\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^{11}, 4, 6^2, 12\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^{14}, 4, 6^2, 12\})$	87380
12	$\mathcal{O}(0; \{3^{17}, 4, 6^2, 12\})$	699052
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^3, 6^2, 12\})$	80
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^3, 6^2, 12\})$	688
12	$\mathcal{O}(0; \{2^9, 3^8, 4^3, 6^2, 12\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^3, 6^2, 12\})$	43696

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^{14}, 4^3, 6^2, 12\})$	349520
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^5, 6^2, 12\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^5, 6^2, 12\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^8, 4^5, 6^2, 12\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^5, 6^2, 12\})$	174784
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^7, 6^2, 12\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^5, 4^7, 6^2, 12\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^8, 4^7, 6^2, 12\})$	87296
12	$\mathcal{O}(0; \{2^8, 3^2, 4^9, 6^2, 12\})$	5120
12	$\mathcal{O}(0; \{2^4, 3^5, 4^9, 6^2, 12\})$	44032
12	$\mathcal{O}(0; \{3^8, 4^9, 6^2, 12\})$	349184
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{11}, 6^2, 12\})$	20480
12	$\mathcal{O}(0; \{2, 3^5, 4^{11}, 6^2, 12\})$	176128
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{13}, 6^2, 12\})$	81920
12	$\mathcal{O}(0; \{2^{21}, 4, 6^3, 12\})$	12
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4, 6^3, 12\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4, 6^3, 12\})$	684
12	$\mathcal{O}(0; \{2^9, 3^9, 4, 6^3, 12\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4, 6^3, 12\})$	43692
12	$\mathcal{O}(0; \{2, 3^{15}, 4, 6^3, 12\})$	349524
12	$\mathcal{O}(0; \{2^{18}, 4^3, 6^3, 12\})$	48
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^3, 6^3, 12\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^3, 6^3, 12\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^9, 4^3, 6^3, 12\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^3, 6^3, 12\})$	174768
12	$\mathcal{O}(0; \{2^{15}, 4^5, 6^3, 12\})$	192
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^5, 6^3, 12\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^6, 4^5, 6^3, 12\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^9, 4^5, 6^3, 12\})$	87360
12	$\mathcal{O}(0; \{2^{12}, 4^7, 6^3, 12\})$	768
12	$\mathcal{O}(0; \{2^8, 3^3, 4^7, 6^3, 12\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^6, 4^7, 6^3, 12\})$	43776
12	$\mathcal{O}(0; \{3^9, 4^7, 6^3, 12\})$	349440
12	$\mathcal{O}(0; \{2^9, 4^9, 6^3, 12\})$	3072
12	$\mathcal{O}(0; \{2^5, 3^3, 4^9, 6^3, 12\})$	21504
12	$\mathcal{O}(0; \{2, 3^6, 4^9, 6^3, 12\})$	175104
12	$\mathcal{O}(0; \{2^6, 4^{11}, 6^3, 12\})$	12288
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{11}, 6^3, 12\})$	86016
12	$\mathcal{O}(0; \{2^3, 4^{13}, 6^3, 12\})$	49152
12	$\mathcal{O}(0; \{4^{15}, 6^3, 12\})$	196608
12	$\mathcal{O}(0; \{2^{18}, 3, 4, 6^4, 12\})$	44
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4, 6^4, 12\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4, 6^4, 12\})$	2732

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4, 6^4, 12\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4, 6^4, 12\})$	174764
12	$\mathcal{O}(0; \{2^{15}, 3, 4^3, 6^4, 12\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^3, 6^4, 12\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^7, 4^3, 6^4, 12\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^3, 6^4, 12\})$	87376
12	$\mathcal{O}(0; \{2^{12}, 3, 4^5, 6^4, 12\})$	704
12	$\mathcal{O}(0; \{2^8, 3^4, 4^5, 6^4, 12\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^7, 4^5, 6^4, 12\})$	43712
12	$\mathcal{O}(0; \{3^{10}, 4^5, 6^4, 12\})$	349504
12	$\mathcal{O}(0; \{2^9, 3, 4^7, 6^4, 12\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^4, 4^7, 6^4, 12\})$	21760
12	$\mathcal{O}(0; \{2, 3^7, 4^7, 6^4, 12\})$	174848
12	$\mathcal{O}(0; \{2^6, 3, 4^9, 6^4, 12\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^4, 4^9, 6^4, 12\})$	87040
12	$\mathcal{O}(0; \{2^3, 3, 4^{11}, 6^4, 12\})$	45056
12	$\mathcal{O}(0; \{3, 4^{13}, 6^4, 12\})$	180224
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4, 6^5, 12\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4, 6^5, 12\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^8, 4, 6^5, 12\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4, 6^5, 12\})$	87380
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^3, 6^5, 12\})$	688
12	$\mathcal{O}(0; \{2^8, 3^5, 4^3, 6^5, 12\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^8, 4^3, 6^5, 12\})$	43696
12	$\mathcal{O}(0; \{3^{11}, 4^3, 6^5, 12\})$	349520
12	$\mathcal{O}(0; \{2^9, 3^2, 4^5, 6^5, 12\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^5, 4^5, 6^5, 12\})$	21824
12	$\mathcal{O}(0; \{2, 3^8, 4^5, 6^5, 12\})$	174784
12	$\mathcal{O}(0; \{2^6, 3^2, 4^7, 6^5, 12\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^5, 4^7, 6^5, 12\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^2, 4^9, 6^5, 12\})$	44032
12	$\mathcal{O}(0; \{3^2, 4^{11}, 6^5, 12\})$	176128
12	$\mathcal{O}(0; \{2^{16}, 4, 6^6, 12\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4, 6^6, 12\})$	684
12	$\mathcal{O}(0; \{2^8, 3^6, 4, 6^6, 12\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^9, 4, 6^6, 12\})$	43692
12	$\mathcal{O}(0; \{3^{12}, 4, 6^6, 12\})$	349524
12	$\mathcal{O}(0; \{2^{13}, 4^3, 6^6, 12\})$	336
12	$\mathcal{O}(0; \{2^9, 3^3, 4^3, 6^6, 12\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^6, 4^3, 6^6, 12\})$	21840
12	$\mathcal{O}(0; \{2, 3^9, 4^3, 6^6, 12\})$	174768
12	$\mathcal{O}(0; \{2^{10}, 4^5, 6^6, 12\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^3, 4^5, 6^6, 12\})$	10944

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^6, 4^5, 6^6, 12\})$	87360
12	$\mathcal{O}(0; \{2^7, 4^7, 6^6, 12\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^3, 4^7, 6^6, 12\})$	43776
12	$\mathcal{O}(0; \{2^4, 4^9, 6^6, 12\})$	21504
12	$\mathcal{O}(0; \{3^3, 4^9, 6^6, 12\})$	175104
12	$\mathcal{O}(0; \{2, 4^{11}, 6^6, 12\})$	86016
12	$\mathcal{O}(0; \{2^{13}, 3, 4, 6^7, 12\})$	340
12	$\mathcal{O}(0; \{2^9, 3^4, 4, 6^7, 12\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^7, 4, 6^7, 12\})$	21844
12	$\mathcal{O}(0; \{2, 3^{10}, 4, 6^7, 12\})$	174764
12	$\mathcal{O}(0; \{2^{10}, 3, 4^3, 6^7, 12\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^4, 4^3, 6^7, 12\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^7, 4^3, 6^7, 12\})$	87376
12	$\mathcal{O}(0; \{2^7, 3, 4^5, 6^7, 12\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^4, 4^5, 6^7, 12\})$	43712
12	$\mathcal{O}(0; \{2^4, 3, 4^7, 6^7, 12\})$	21760
12	$\mathcal{O}(0; \{3^4, 4^7, 6^7, 12\})$	174848
12	$\mathcal{O}(0; \{2, 3, 4^9, 6^7, 12\})$	87040
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4, 6^8, 12\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^5, 4, 6^8, 12\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^8, 4, 6^8, 12\})$	87380
12	$\mathcal{O}(0; \{2^7, 3^2, 4^3, 6^8, 12\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^5, 4^3, 6^8, 12\})$	43696
12	$\mathcal{O}(0; \{2^4, 3^2, 4^5, 6^8, 12\})$	21824
12	$\mathcal{O}(0; \{3^5, 4^5, 6^8, 12\})$	174784
12	$\mathcal{O}(0; \{2, 3^2, 4^7, 6^8, 12\})$	87296
12	$\mathcal{O}(0; \{2^{11}, 4, 6^9, 12\})$	684
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 6^9, 12\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 6^9, 12\})$	43692
12	$\mathcal{O}(0; \{2^8, 4^3, 6^9, 12\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 6^9, 12\})$	21840
12	$\mathcal{O}(0; \{3^6, 4^3, 6^9, 12\})$	174768
12	$\mathcal{O}(0; \{2^5, 4^5, 6^9, 12\})$	10944
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 6^9, 12\})$	87360
12	$\mathcal{O}(0; \{2^2, 4^7, 6^9, 12\})$	43776
12	$\mathcal{O}(0; \{2^8, 3, 4, 6^{10}, 12\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6^{10}, 12\})$	21844
12	$\mathcal{O}(0; \{3^7, 4, 6^{10}, 12\})$	174764
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 6^{10}, 12\})$	10928
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6^{10}, 12\})$	87376
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6^{10}, 12\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^{11}, 12\})$	10924
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^{11}, 12\})$	87380

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^{11}, 12\})$	43696
12	$\mathcal{O}(0; \{2^6, 4, 6^{12}, 12\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^{12}, 12\})$	43692
12	$\mathcal{O}(0; \{2^3, 4^3, 6^{12}, 12\})$	21840
12	$\mathcal{O}(0; \{4^5, 6^{12}, 12\})$	87360
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^{13}, 12\})$	21844
12	$\mathcal{O}(0; \{3, 4^3, 6^{13}, 12\})$	87376
12	$\mathcal{O}(0; \{3^2, 4, 6^{14}, 12\})$	87380
12	$\mathcal{O}(0; \{2, 4, 6^{15}, 12\})$	43692
12	$\mathcal{O}(0; \{2^{23}, 3^2, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{19}, 3^5, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{15}, 3^8, 12^2\})$	684
12	$\mathcal{O}(0; \{2^{11}, 3^{11}, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^7, 3^{14}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^3, 3^{17}, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{20}, 3^2, 4^2, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{16}, 3^5, 4^2, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{12}, 3^8, 4^2, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^{11}, 4^2, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^{14}, 4^2, 12^2\})$	174768
12	$\mathcal{O}(0; \{3^{17}, 4^2, 12^2\})$	1398096
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^4, 12^2\})$	192
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^4, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^8, 4^4, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^4, 12^2\})$	87360
12	$\mathcal{O}(0; \{2, 3^{14}, 4^4, 12^2\})$	699072
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^6, 12^2\})$	768
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^6, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^8, 4^6, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^6, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^8, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^7, 3^5, 4^8, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^8, 4^8, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^8, 3^2, 4^{10}, 12^2\})$	12288
12	$\mathcal{O}(0; \{2^4, 3^5, 4^{10}, 12^2\})$	86016
12	$\mathcal{O}(0; \{3^8, 4^{10}, 12^2\})$	700416
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{12}, 12^2\})$	49152
12	$\mathcal{O}(0; \{2, 3^5, 4^{12}, 12^2\})$	344064
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{14}, 12^2\})$	196608
12	$\mathcal{O}(0; \{2^{24}, 6, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{20}, 3^3, 6, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{16}, 3^6, 6, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{12}, 3^9, 6, 12^2\})$	2732

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^8, 3^{12}, 6, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^4, 3^{15}, 6, 12^2\})$	174764
12	$\mathcal{O}(0; \{3^{18}, 6, 12^2\})$	1398100
12	$\mathcal{O}(0; \{2^{21}, 4^2, 6, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4^2, 6, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4^2, 6, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^9, 4^2, 6, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4^2, 6, 12^2\})$	87376
12	$\mathcal{O}(0; \{2, 3^{15}, 4^2, 6, 12^2\})$	699056
12	$\mathcal{O}(0; \{2^{18}, 4^4, 6, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^4, 6, 12^2\})$	704
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^4, 6, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^9, 4^4, 6, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^4, 6, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^{15}, 4^6, 6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^6, 6, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^6, 4^6, 6, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^9, 4^6, 6, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^{12}, 4^8, 6, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^8, 3^3, 4^8, 6, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^6, 4^8, 6, 12^2\})$	87040
12	$\mathcal{O}(0; \{3^9, 4^8, 6, 12^2\})$	699392
12	$\mathcal{O}(0; \{2^9, 4^{10}, 6, 12^2\})$	4096
12	$\mathcal{O}(0; \{2^5, 3^3, 4^{10}, 6, 12^2\})$	45056
12	$\mathcal{O}(0; \{2, 3^6, 4^{10}, 6, 12^2\})$	348160
12	$\mathcal{O}(0; \{2^6, 4^{12}, 6, 12^2\})$	16384
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{12}, 6, 12^2\})$	180224
12	$\mathcal{O}(0; \{2^3, 4^{14}, 6, 12^2\})$	65536
12	$\mathcal{O}(0; \{4^{16}, 6, 12^2\})$	262144
12	$\mathcal{O}(0; \{2^{21}, 3, 6^2, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{17}, 3^4, 6^2, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{13}, 3^7, 6^2, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^9, 3^{10}, 6^2, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^5, 3^{13}, 6^2, 12^2\})$	87380
12	$\mathcal{O}(0; \{2, 3^{16}, 6^2, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^{18}, 3, 4^2, 6^2, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^2, 6^2, 12^2\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^2, 6^2, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^2, 6^2, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^2, 6^2, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{15}, 3, 4^4, 6^2, 12^2\})$	320
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^4, 6^2, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^7, 4^4, 6^2, 12^2\})$	21824

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^4, 6^2, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^{12}, 3, 4^6, 6^2, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^8, 3^4, 4^6, 6^2, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^7, 4^6, 6^2, 12^2\})$	87296
12	$\mathcal{O}(0; \{3^{10}, 4^6, 6^2, 12^2\})$	699136
12	$\mathcal{O}(0; \{2^9, 3, 4^8, 6^2, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^5, 3^4, 4^8, 6^2, 12^2\})$	44032
12	$\mathcal{O}(0; \{2, 3^7, 4^8, 6^2, 12^2\})$	349184
12	$\mathcal{O}(0; \{2^6, 3, 4^{10}, 6^2, 12^2\})$	20480
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{10}, 6^2, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^3, 3, 4^{12}, 6^2, 12^2\})$	81920
12	$\mathcal{O}(0; \{3, 4^{14}, 6^2, 12^2\})$	327680
12	$\mathcal{O}(0; \{2^{18}, 3^2, 6^3, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{14}, 3^5, 6^3, 12^2\})$	684
12	$\mathcal{O}(0; \{2^{10}, 3^8, 6^3, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^6, 3^{11}, 6^3, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^2, 3^{14}, 6^3, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^2, 6^3, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^2, 6^3, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^8, 4^2, 6^3, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^2, 6^3, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^4, 6^3, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^5, 4^4, 6^3, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^8, 4^4, 6^3, 12^2\})$	87360
12	$\mathcal{O}(0; \{3^{11}, 4^4, 6^3, 12^2\})$	699072
12	$\mathcal{O}(0; \{2^9, 3^2, 4^6, 6^3, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^5, 4^6, 6^3, 12^2\})$	43776
12	$\mathcal{O}(0; \{2, 3^8, 4^6, 6^3, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^6, 3^2, 4^8, 6^3, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^5, 4^8, 6^3, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{10}, 6^3, 12^2\})$	86016
12	$\mathcal{O}(0; \{3^2, 4^{12}, 6^3, 12^2\})$	344064
12	$\mathcal{O}(0; \{2^{19}, 6^4, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{15}, 3^3, 6^4, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{11}, 3^6, 6^4, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^7, 3^9, 6^4, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^{12}, 6^4, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{16}, 4^2, 6^4, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^2, 6^4, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^6, 4^2, 6^4, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^9, 4^2, 6^4, 12^2\})$	87376
12	$\mathcal{O}(0; \{3^{12}, 4^2, 6^4, 12^2\})$	699056
12	$\mathcal{O}(0; \{2^{13}, 4^4, 6^4, 12^2\})$	704

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^9, 3^3, 4^4, 6^4, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^6, 4^4, 6^4, 12^2\})$	43712
12	$\mathcal{O}(0; \{2, 3^9, 4^4, 6^4, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^{10}, 4^6, 6^4, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^3, 4^6, 6^4, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^6, 4^6, 6^4, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^7, 4^8, 6^4, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^3, 4^8, 6^4, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^4, 4^{10}, 6^4, 12^2\})$	45056
12	$\mathcal{O}(0; \{3^3, 4^{10}, 6^4, 12^2\})$	348160
12	$\mathcal{O}(0; \{2, 4^{12}, 6^4, 12^2\})$	180224
12	$\mathcal{O}(0; \{2^{16}, 3, 6^5, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{12}, 3^4, 6^5, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^7, 6^5, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^{10}, 6^5, 12^2\})$	87380
12	$\mathcal{O}(0; \{3^{13}, 6^5, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^{13}, 3, 4^2, 6^5, 12^2\})$	688
12	$\mathcal{O}(0; \{2^9, 3^4, 4^2, 6^5, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^7, 4^2, 6^5, 12^2\})$	43696
12	$\mathcal{O}(0; \{2, 3^{10}, 4^2, 6^5, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{10}, 3, 4^4, 6^5, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^4, 4^4, 6^5, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^7, 4^4, 6^5, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^7, 3, 4^6, 6^5, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^4, 4^6, 6^5, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^4, 3, 4^8, 6^5, 12^2\})$	44032
12	$\mathcal{O}(0; \{3^4, 4^8, 6^5, 12^2\})$	349184
12	$\mathcal{O}(0; \{2, 3, 4^{10}, 6^5, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^{13}, 3^2, 6^6, 12^2\})$	684
12	$\mathcal{O}(0; \{2^9, 3^5, 6^6, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^8, 6^6, 12^2\})$	43692
12	$\mathcal{O}(0; \{2, 3^{11}, 6^6, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^2, 6^6, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^5, 4^2, 6^6, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^8, 4^2, 6^6, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^7, 3^2, 4^4, 6^6, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^5, 4^4, 6^6, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^2, 4^6, 6^6, 12^2\})$	43776
12	$\mathcal{O}(0; \{3^5, 4^6, 6^6, 12^2\})$	349440
12	$\mathcal{O}(0; \{2, 3^2, 4^8, 6^6, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^{14}, 6^7, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^3, 6^7, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^6, 6^7, 12^2\})$	21844

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^9, 6^7, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{11}, 4^2, 6^7, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 6^7, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 6^7, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^8, 4^4, 6^7, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 6^7, 12^2\})$	43712
12	$\mathcal{O}(0; \{3^6, 4^4, 6^7, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^5, 4^6, 6^7, 12^2\})$	21760
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 6^7, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^2, 4^8, 6^7, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^{11}, 3, 6^8, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^4, 6^8, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^7, 6^8, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6^8, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6^8, 12^2\})$	43696
12	$\mathcal{O}(0; \{3^7, 4^2, 6^8, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6^8, 12^2\})$	21824
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6^8, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 6^8, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^8, 3^2, 6^9, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^5, 6^9, 12^2\})$	43692
12	$\mathcal{O}(0; \{3^8, 6^9, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^9, 12^2\})$	21840
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^9, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^9, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^9, 6^{10}, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^3, 6^{10}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2, 3^6, 6^{10}, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^6, 4^2, 6^{10}, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^{10}, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^3, 4^4, 6^{10}, 12^2\})$	43712
12	$\mathcal{O}(0; \{4^6, 6^{10}, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^6, 3, 6^{11}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^4, 6^{11}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^{11}, 12^2\})$	43696
12	$\mathcal{O}(0; \{3, 4^4, 6^{11}, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^3, 3^2, 6^{12}, 12^2\})$	43692
12	$\mathcal{O}(0; \{3^2, 4^2, 6^{12}, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^4, 6^{13}, 12^2\})$	21844
12	$\mathcal{O}(0; \{3^3, 6^{13}, 12^2\})$	174764
12	$\mathcal{O}(0; \{2, 4^2, 6^{13}, 12^2\})$	87376
12	$\mathcal{O}(0; \{2, 3, 6^{14}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{21}, 3, 4, 12^3\})$	48

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{17}, 3^4, 4, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{13}, 3^7, 4, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^9, 3^{10}, 4, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^5, 3^{13}, 4, 12^3\})$	174768
12	$\mathcal{O}(0; \{2, 3^{16}, 4, 12^3\})$	1398096
12	$\mathcal{O}(0; \{2^{18}, 3, 4^3, 12^3\})$	192
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^3, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^3, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^3, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^3, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^{15}, 3, 4^5, 12^3\})$	768
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^5, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^7, 3^7, 4^5, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^5, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^{12}, 3, 4^7, 12^3\})$	3072
12	$\mathcal{O}(0; \{2^8, 3^4, 4^7, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^7, 4^7, 12^3\})$	175104
12	$\mathcal{O}(0; \{3^{10}, 4^7, 12^3\})$	1397760
12	$\mathcal{O}(0; \{2^9, 3, 4^9, 12^3\})$	12288
12	$\mathcal{O}(0; \{2^5, 3^4, 4^9, 12^3\})$	86016
12	$\mathcal{O}(0; \{2, 3^7, 4^9, 12^3\})$	700416
12	$\mathcal{O}(0; \{2^6, 3, 4^{11}, 12^3\})$	49152
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{11}, 12^3\})$	344064
12	$\mathcal{O}(0; \{2^3, 3, 4^{13}, 12^3\})$	196608
12	$\mathcal{O}(0; \{3, 4^{15}, 12^3\})$	786432
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4, 6, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4, 6, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4, 6, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4, 6, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4, 6, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^3, 6, 12^3\})$	704
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^3, 6, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^8, 4^3, 6, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^3, 6, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^5, 6, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^8, 3^5, 4^5, 6, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^8, 4^5, 6, 12^3\})$	174848
12	$\mathcal{O}(0; \{3^{11}, 4^5, 6, 12^3\})$	1398016
12	$\mathcal{O}(0; \{2^9, 3^2, 4^7, 6, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^5, 3^5, 4^7, 6, 12^3\})$	87040
12	$\mathcal{O}(0; \{2, 3^8, 4^7, 6, 12^3\})$	699392
12	$\mathcal{O}(0; \{2^6, 3^2, 4^9, 6, 12^3\})$	45056
12	$\mathcal{O}(0; \{2^2, 3^5, 4^9, 6, 12^3\})$	348160

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{11}, 6, 12^3\})$	180224
12	$\mathcal{O}(0; \{3^2, 4^{13}, 6, 12^3\})$	720896
12	$\mathcal{O}(0; \{2^{19}, 4, 6^2, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4, 6^2, 12^3\})$	688
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4, 6^2, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^9, 4, 6^2, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4, 6^2, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{16}, 4^3, 6^2, 12^3\})$	320
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^3, 6^2, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^6, 4^3, 6^2, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^9, 4^3, 6^2, 12^3\})$	174784
12	$\mathcal{O}(0; \{3^{12}, 4^3, 6^2, 12^3\})$	1398080
12	$\mathcal{O}(0; \{2^{13}, 4^5, 6^2, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^9, 3^3, 4^5, 6^2, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^6, 4^5, 6^2, 12^3\})$	87296
12	$\mathcal{O}(0; \{2, 3^9, 4^5, 6^2, 12^3\})$	699136
12	$\mathcal{O}(0; \{2^{10}, 4^7, 6^2, 12^3\})$	5120
12	$\mathcal{O}(0; \{2^6, 3^3, 4^7, 6^2, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^6, 4^7, 6^2, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^7, 4^9, 6^2, 12^3\})$	20480
12	$\mathcal{O}(0; \{2^3, 3^3, 4^9, 6^2, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^4, 4^{11}, 6^2, 12^3\})$	81920
12	$\mathcal{O}(0; \{3^3, 4^{11}, 6^2, 12^3\})$	704512
12	$\mathcal{O}(0; \{2, 4^{13}, 6^2, 12^3\})$	327680
12	$\mathcal{O}(0; \{2^{16}, 3, 4, 6^3, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4, 6^3, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^7, 4, 6^3, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4, 6^3, 12^3\})$	174768
12	$\mathcal{O}(0; \{3^{13}, 4, 6^3, 12^3\})$	1398096
12	$\mathcal{O}(0; \{2^{13}, 3, 4^3, 6^3, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^4, 4^3, 6^3, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^7, 4^3, 6^3, 12^3\})$	87360
12	$\mathcal{O}(0; \{2, 3^{10}, 4^3, 6^3, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^{10}, 3, 4^5, 6^3, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^4, 4^5, 6^3, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^7, 4^5, 6^3, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^7, 3, 4^7, 6^3, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^4, 4^7, 6^3, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^4, 3, 4^9, 6^3, 12^3\})$	86016
12	$\mathcal{O}(0; \{3^4, 4^9, 6^3, 12^3\})$	700416
12	$\mathcal{O}(0; \{2, 3, 4^{11}, 6^3, 12^3\})$	344064
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4, 6^4, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^5, 4, 6^4, 12^3\})$	10928

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^8, 4, 6^4, 12^3\})$	87376
12	$\mathcal{O}(0; \{2, 3^{11}, 4, 6^4, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^3, 6^4, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^5, 4^3, 6^4, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^8, 4^3, 6^4, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^7, 3^2, 4^5, 6^4, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^5, 4^5, 6^4, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^2, 4^7, 6^4, 12^3\})$	87040
12	$\mathcal{O}(0; \{3^5, 4^7, 6^4, 12^3\})$	699392
12	$\mathcal{O}(0; \{2, 3^2, 4^9, 6^4, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^{14}, 4, 6^5, 12^3\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4, 6^5, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^6, 4, 6^5, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^9, 4, 6^5, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{11}, 4^3, 6^5, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^3, 4^3, 6^5, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^6, 4^3, 6^5, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^8, 4^5, 6^5, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^3, 4^5, 6^5, 12^3\})$	87296
12	$\mathcal{O}(0; \{3^6, 4^5, 6^5, 12^3\})$	699136
12	$\mathcal{O}(0; \{2^5, 4^7, 6^5, 12^3\})$	44032
12	$\mathcal{O}(0; \{2, 3^3, 4^7, 6^5, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^2, 4^9, 6^5, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^{11}, 3, 4, 6^6, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^4, 4, 6^6, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^7, 4, 6^6, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^8, 3, 4^3, 6^6, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^4, 4^3, 6^6, 12^3\})$	87360
12	$\mathcal{O}(0; \{3^7, 4^3, 6^6, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^5, 3, 4^5, 6^6, 12^3\})$	43776
12	$\mathcal{O}(0; \{2, 3^4, 4^5, 6^6, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^2, 3, 4^7, 6^6, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 6^7, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 6^7, 12^3\})$	87376
12	$\mathcal{O}(0; \{3^8, 4, 6^7, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 6^7, 12^3\})$	43712
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 6^7, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 6^7, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^9, 4, 6^8, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6^8, 12^3\})$	43696
12	$\mathcal{O}(0; \{2, 3^6, 4, 6^8, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^6, 4^3, 6^8, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6^8, 12^3\})$	174784

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 4^5, 6^8, 12^3\})$	87296
12	$\mathcal{O}(0; \{4^7, 6^8, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^9, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^9, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^9, 12^3\})$	87360
12	$\mathcal{O}(0; \{3, 4^5, 6^9, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^{10}, 12^3\})$	87376
12	$\mathcal{O}(0; \{3^2, 4^3, 6^{10}, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^4, 4, 6^{11}, 12^3\})$	43696
12	$\mathcal{O}(0; \{3^3, 4, 6^{11}, 12^3\})$	349520
12	$\mathcal{O}(0; \{2, 4^3, 6^{11}, 12^3\})$	174784
12	$\mathcal{O}(0; \{2, 3, 4, 6^{12}, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{22}, 12^4\})$	48
12	$\mathcal{O}(0; \{2^{18}, 3^3, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{14}, 3^6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^{10}, 3^9, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^6, 3^{12}, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^2, 3^{15}, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^{19}, 4^2, 12^4\})$	192
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^2, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^2, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^9, 4^2, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^2, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^{16}, 4^4, 12^4\})$	768
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^4, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^8, 3^6, 4^4, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^9, 4^4, 12^4\})$	349440
12	$\mathcal{O}(0; \{3^{12}, 4^4, 12^4\})$	2796288
12	$\mathcal{O}(0; \{2^{13}, 4^6, 12^4\})$	3072
12	$\mathcal{O}(0; \{2^9, 3^3, 4^6, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^5, 3^6, 4^6, 12^4\})$	175104
12	$\mathcal{O}(0; \{2, 3^9, 4^6, 12^4\})$	1397760
12	$\mathcal{O}(0; \{2^{10}, 4^8, 12^4\})$	12288
12	$\mathcal{O}(0; \{2^6, 3^3, 4^8, 12^4\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^6, 4^8, 12^4\})$	700416
12	$\mathcal{O}(0; \{2^7, 4^{10}, 12^4\})$	49152
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{10}, 12^4\})$	344064
12	$\mathcal{O}(0; \{2^4, 4^{12}, 12^4\})$	196608
12	$\mathcal{O}(0; \{3^3, 4^{12}, 12^4\})$	1376256
12	$\mathcal{O}(0; \{2, 4^{14}, 12^4\})$	786432
12	$\mathcal{O}(0; \{2^{19}, 3, 6, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{15}, 3^4, 6, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^{11}, 3^7, 6, 12^4\})$	10928

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^7, 3^{10}, 6, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^3, 3^{13}, 6, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{16}, 3, 4^2, 6, 12^4\})$	704
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^2, 6, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^7, 4^2, 6, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^2, 6, 12^4\})$	349504
12	$\mathcal{O}(0; \{3^{13}, 4^2, 6, 12^4\})$	2796224
12	$\mathcal{O}(0; \{2^{13}, 3, 4^4, 6, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^9, 3^4, 4^4, 6, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^7, 4^4, 6, 12^4\})$	174848
12	$\mathcal{O}(0; \{2, 3^{10}, 4^4, 6, 12^4\})$	1398016
12	$\mathcal{O}(0; \{2^{10}, 3, 4^6, 6, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^6, 3^4, 4^6, 6, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^7, 4^6, 6, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^7, 3, 4^8, 6, 12^4\})$	45056
12	$\mathcal{O}(0; \{2^3, 3^4, 4^8, 6, 12^4\})$	348160
12	$\mathcal{O}(0; \{2^4, 3, 4^{10}, 6, 12^4\})$	180224
12	$\mathcal{O}(0; \{3^4, 4^{10}, 6, 12^4\})$	1392640
12	$\mathcal{O}(0; \{2, 3, 4^{12}, 6, 12^4\})$	720896
12	$\mathcal{O}(0; \{2^{16}, 3^2, 6^2, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{12}, 3^5, 6^2, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^8, 3^8, 6^2, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^4, 3^{11}, 6^2, 12^4\})$	349520
12	$\mathcal{O}(0; \{3^{14}, 6^2, 12^4\})$	2796208
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^2, 6^2, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^9, 3^5, 4^2, 6^2, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^8, 4^2, 6^2, 12^4\})$	174784
12	$\mathcal{O}(0; \{2, 3^{11}, 4^2, 6^2, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^4, 6^2, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^5, 4^4, 6^2, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^8, 4^4, 6^2, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^7, 3^2, 4^6, 6^2, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^5, 4^6, 6^2, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^4, 3^2, 4^8, 6^2, 12^4\})$	176128
12	$\mathcal{O}(0; \{3^5, 4^8, 6^2, 12^4\})$	1396736
12	$\mathcal{O}(0; \{2, 3^2, 4^{10}, 6^2, 12^4\})$	704512
12	$\mathcal{O}(0; \{2^{17}, 6^3, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{13}, 3^3, 6^3, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^9, 3^6, 6^3, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^5, 3^9, 6^3, 12^4\})$	174768
12	$\mathcal{O}(0; \{2, 3^{12}, 6^3, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^{14}, 4^2, 6^3, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^2, 6^3, 12^4\})$	10944

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3^6, 4^2, 6^3, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^9, 4^2, 6^3, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^{11}, 4^4, 6^3, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^7, 3^3, 4^4, 6^3, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^6, 4^4, 6^3, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^8, 4^6, 6^3, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^3, 4^6, 6^3, 12^4\})$	175104
12	$\mathcal{O}(0; \{3^6, 4^6, 6^3, 12^4\})$	1397760
12	$\mathcal{O}(0; \{2^5, 4^8, 6^3, 12^4\})$	86016
12	$\mathcal{O}(0; \{2, 3^3, 4^8, 6^3, 12^4\})$	700416
12	$\mathcal{O}(0; \{2^2, 4^{10}, 6^3, 12^4\})$	344064
12	$\mathcal{O}(0; \{2^{14}, 3, 6^4, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^{10}, 3^4, 6^4, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^6, 3^7, 6^4, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^{10}, 6^4, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{11}, 3, 4^2, 6^4, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^4, 4^2, 6^4, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^7, 4^2, 6^4, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^8, 3, 4^4, 6^4, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^4, 4^4, 6^4, 12^4\})$	174848
12	$\mathcal{O}(0; \{3^7, 4^4, 6^4, 12^4\})$	1398016
12	$\mathcal{O}(0; \{2^5, 3, 4^6, 6^4, 12^4\})$	87040
12	$\mathcal{O}(0; \{2, 3^4, 4^6, 6^4, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^2, 3, 4^8, 6^4, 12^4\})$	348160
12	$\mathcal{O}(0; \{2^{11}, 3^2, 6^5, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^5, 6^5, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^8, 6^5, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 6^5, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 6^5, 12^4\})$	174784
12	$\mathcal{O}(0; \{3^8, 4^2, 6^5, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 6^5, 12^4\})$	87296
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 6^5, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 6^5, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^{12}, 6^6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^3, 6^6, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^6, 6^6, 12^4\})$	174768
12	$\mathcal{O}(0; \{3^9, 6^6, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^9, 4^2, 6^6, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6^6, 12^4\})$	87360
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6^6, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^6, 4^4, 6^6, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6^6, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^3, 4^6, 6^6, 12^4\})$	175104

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{4^8, 6^6, 12^4\})$	700416
12	$\mathcal{O}(0; \{2^9, 3, 6^7, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^4, 6^7, 12^4\})$	87376
12	$\mathcal{O}(0; \{2, 3^7, 6^7, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^7, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^7, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^7, 12^4\})$	174848
12	$\mathcal{O}(0; \{3, 4^6, 6^7, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^6, 3^2, 6^8, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^5, 6^8, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^8, 12^4\})$	174784
12	$\mathcal{O}(0; \{3^2, 4^4, 6^8, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^7, 6^9, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^3, 6^9, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^4, 4^2, 6^9, 12^4\})$	87360
12	$\mathcal{O}(0; \{3^3, 4^2, 6^9, 12^4\})$	699072
12	$\mathcal{O}(0; \{2, 4^4, 6^9, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^4, 3, 6^{10}, 12^4\})$	87376
12	$\mathcal{O}(0; \{3^4, 6^{10}, 12^4\})$	699056
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^{10}, 12^4\})$	349504
12	$\mathcal{O}(0; \{2, 3^2, 6^{11}, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^2, 6^{12}, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^8, 3^8, 4, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4, 12^5\})$	699072
12	$\mathcal{O}(0; \{3^{14}, 4, 12^5\})$	5592384
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^3, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^9, 3^5, 4^3, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^8, 4^3, 12^5\})$	349440
12	$\mathcal{O}(0; \{2, 3^{11}, 4^3, 12^5\})$	2796288
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^5, 12^5\})$	21504
12	$\mathcal{O}(0; \{2^6, 3^5, 4^5, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^8, 4^5, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^7, 3^2, 4^7, 12^5\})$	86016
12	$\mathcal{O}(0; \{2^3, 3^5, 4^7, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^4, 3^2, 4^9, 12^5\})$	344064
12	$\mathcal{O}(0; \{3^5, 4^9, 12^5\})$	2801664
12	$\mathcal{O}(0; \{2, 3^2, 4^{11}, 12^5\})$	1376256
12	$\mathcal{O}(0; \{2^{17}, 4, 6, 12^5\})$	704
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4, 6, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^9, 3^6, 4, 6, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^9, 4, 6, 12^5\})$	349504

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^{12}, 4, 6, 12^5\})$	2796224
12	$\mathcal{O}(0; \{2^{14}, 4^3, 6, 12^5\})$	2816
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^3, 6, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^6, 4^3, 6, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^9, 4^3, 6, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^{11}, 4^5, 6, 12^5\})$	11264
12	$\mathcal{O}(0; \{2^7, 3^3, 4^5, 6, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^6, 4^5, 6, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^8, 4^7, 6, 12^5\})$	45056
12	$\mathcal{O}(0; \{2^4, 3^3, 4^7, 6, 12^5\})$	348160
12	$\mathcal{O}(0; \{3^6, 4^7, 6, 12^5\})$	2797568
12	$\mathcal{O}(0; \{2^5, 4^9, 6, 12^5\})$	180224
12	$\mathcal{O}(0; \{2, 3^3, 4^9, 6, 12^5\})$	1392640
12	$\mathcal{O}(0; \{2^2, 4^{11}, 6, 12^5\})$	720896
12	$\mathcal{O}(0; \{2^{14}, 3, 4, 6^2, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4, 6^2, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^7, 4, 6^2, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4, 6^2, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^{11}, 3, 4^3, 6^2, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^7, 3^4, 4^3, 6^2, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^7, 4^3, 6^2, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^8, 3, 4^5, 6^2, 12^5\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^4, 4^5, 6^2, 12^5\})$	349184
12	$\mathcal{O}(0; \{3^7, 4^5, 6^2, 12^5\})$	2796544
12	$\mathcal{O}(0; \{2^5, 3, 4^7, 6^2, 12^5\})$	176128
12	$\mathcal{O}(0; \{2, 3^4, 4^7, 6^2, 12^5\})$	1396736
12	$\mathcal{O}(0; \{2^2, 3, 4^9, 6^2, 12^5\})$	704512
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4, 6^3, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^5, 4, 6^3, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^8, 4, 6^3, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^8, 3^2, 4^3, 6^3, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^5, 4^3, 6^3, 12^5\})$	349440
12	$\mathcal{O}(0; \{3^8, 4^3, 6^3, 12^5\})$	2796288
12	$\mathcal{O}(0; \{2^5, 3^2, 4^5, 6^3, 12^5\})$	175104
12	$\mathcal{O}(0; \{2, 3^5, 4^5, 6^3, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3^2, 4^7, 6^3, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^{12}, 4, 6^4, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^3, 4, 6^4, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^6, 4, 6^4, 12^5\})$	349504
12	$\mathcal{O}(0; \{3^9, 4, 6^4, 12^5\})$	2796224
12	$\mathcal{O}(0; \{2^9, 4^3, 6^4, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 6^4, 12^5\})$	174848
12	$\mathcal{O}(0; \{2, 3^6, 4^3, 6^4, 12^5\})$	1398016

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 4^5, 6^4, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 6^4, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^3, 4^7, 6^4, 12^5\})$	348160
12	$\mathcal{O}(0; \{4^9, 6^4, 12^5\})$	1392640
12	$\mathcal{O}(0; \{2^9, 3, 4, 6^5, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 6^5, 12^5\})$	174784
12	$\mathcal{O}(0; \{2, 3^7, 4, 6^5, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 6^5, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6^5, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 6^5, 12^5\})$	349184
12	$\mathcal{O}(0; \{3, 4^7, 6^5, 12^5\})$	1396736
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^6, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^6, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^6, 12^5\})$	349440
12	$\mathcal{O}(0; \{3^2, 4^5, 6^6, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^7, 4, 6^7, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^7, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^4, 4^3, 6^7, 12^5\})$	174848
12	$\mathcal{O}(0; \{3^3, 4^3, 6^7, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2, 4^5, 6^7, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^8, 12^5\})$	174784
12	$\mathcal{O}(0; \{3^4, 4, 6^8, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^8, 12^5\})$	699136
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^9, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^2, 4, 6^{10}, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^{17}, 3, 12^6\})$	1344
12	$\mathcal{O}(0; \{2^{13}, 3^4, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^9, 3^7, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^5, 3^{10}, 12^6\})$	699072
12	$\mathcal{O}(0; \{2, 3^{13}, 12^6\})$	5592384
12	$\mathcal{O}(0; \{2^{14}, 3, 4^2, 12^6\})$	5376
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^2, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^7, 4^2, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^2, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^{11}, 3, 4^4, 12^6\})$	21504
12	$\mathcal{O}(0; \{2^7, 3^4, 4^4, 12^6\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^7, 4^4, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^8, 3, 4^6, 12^6\})$	86016
12	$\mathcal{O}(0; \{2^4, 3^4, 4^6, 12^6\})$	700416
12	$\mathcal{O}(0; \{3^7, 4^6, 12^6\})$	5591040
12	$\mathcal{O}(0; \{2^5, 3, 4^8, 12^6\})$	344064
12	$\mathcal{O}(0; \{2, 3^4, 4^8, 12^6\})$	2801664
12	$\mathcal{O}(0; \{2^2, 3, 4^{10}, 12^6\})$	1376256

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{14}, 3^2, 6, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^{10}, 3^5, 6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^6, 3^8, 6, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^2, 3^{11}, 6, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^2, 6, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^7, 3^5, 4^2, 6, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^8, 4^2, 6, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^8, 3^2, 4^4, 6, 12^6\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^5, 4^4, 6, 12^6\})$	699392
12	$\mathcal{O}(0; \{3^8, 4^4, 6, 12^6\})$	5592064
12	$\mathcal{O}(0; \{2^5, 3^2, 4^6, 6, 12^6\})$	348160
12	$\mathcal{O}(0; \{2, 3^5, 4^6, 6, 12^6\})$	2797568
12	$\mathcal{O}(0; \{2^2, 3^2, 4^8, 6, 12^6\})$	1392640
12	$\mathcal{O}(0; \{2^{15}, 6^2, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^{11}, 3^3, 6^2, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^7, 3^6, 6^2, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^3, 3^9, 6^2, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^{12}, 4^2, 6^2, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^8, 3^3, 4^2, 6^2, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^6, 4^2, 6^2, 12^6\})$	699136
12	$\mathcal{O}(0; \{3^9, 4^2, 6^2, 12^6\})$	5592320
12	$\mathcal{O}(0; \{2^9, 4^4, 6^2, 12^6\})$	44032
12	$\mathcal{O}(0; \{2^5, 3^3, 4^4, 6^2, 12^6\})$	349184
12	$\mathcal{O}(0; \{2, 3^6, 4^4, 6^2, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2^6, 4^6, 6^2, 12^6\})$	176128
12	$\mathcal{O}(0; \{2^2, 3^3, 4^6, 6^2, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^3, 4^8, 6^2, 12^6\})$	704512
12	$\mathcal{O}(0; \{4^{10}, 6^2, 12^6\})$	2818048
12	$\mathcal{O}(0; \{2^{12}, 3, 6^3, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^8, 3^4, 6^3, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^7, 6^3, 12^6\})$	699072
12	$\mathcal{O}(0; \{3^{10}, 6^3, 12^6\})$	5592384
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 6^3, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 6^3, 12^6\})$	349440
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 6^3, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 6^3, 12^6\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 6^3, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 6^3, 12^6\})$	700416
12	$\mathcal{O}(0; \{3, 4^8, 6^3, 12^6\})$	2801664
12	$\mathcal{O}(0; \{2^9, 3^2, 6^4, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^5, 6^4, 12^6\})$	349504
12	$\mathcal{O}(0; \{2, 3^8, 6^4, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6^4, 12^6\})$	174848

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6^4, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6^4, 12^6\})$	699392
12	$\mathcal{O}(0; \{3^2, 4^6, 6^4, 12^6\})$	2797568
12	$\mathcal{O}(0; \{2^{10}, 6^5, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^3, 6^5, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^6, 6^5, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^7, 4^2, 6^5, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^5, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^4, 4^4, 6^5, 12^6\})$	349184
12	$\mathcal{O}(0; \{3^3, 4^4, 6^5, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2, 4^6, 6^5, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^7, 3, 6^6, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^4, 6^6, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^6, 12^6\})$	349440
12	$\mathcal{O}(0; \{3^4, 4^2, 6^6, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^6, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^4, 3^2, 6^7, 12^6\})$	349504
12	$\mathcal{O}(0; \{3^5, 6^7, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^7, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^5, 6^8, 12^6\})$	174784
12	$\mathcal{O}(0; \{2, 3^3, 6^8, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^2, 4^2, 6^8, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^2, 3, 6^9, 12^6\})$	699072
12	$\mathcal{O}(0; \{6^{11}, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^{15}, 4, 12^7\})$	5376
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^7, 3^6, 4, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^9, 4, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^{12}, 4^3, 12^7\})$	21504
12	$\mathcal{O}(0; \{2^8, 3^3, 4^3, 12^7\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^6, 4^3, 12^7\})$	1397760
12	$\mathcal{O}(0; \{3^9, 4^3, 12^7\})$	11185152
12	$\mathcal{O}(0; \{2^9, 4^5, 12^7\})$	86016
12	$\mathcal{O}(0; \{2^5, 3^3, 4^5, 12^7\})$	700416
12	$\mathcal{O}(0; \{2, 3^6, 4^5, 12^7\})$	5591040
12	$\mathcal{O}(0; \{2^6, 4^7, 12^7\})$	344064
12	$\mathcal{O}(0; \{2^2, 3^3, 4^7, 12^7\})$	2801664
12	$\mathcal{O}(0; \{2^3, 4^9, 12^7\})$	1376256
12	$\mathcal{O}(0; \{4^{11}, 12^7\})$	5505024
12	$\mathcal{O}(0; \{2^{12}, 3, 4, 6, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^8, 3^4, 4, 6, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^7, 4, 6, 12^7\})$	1398016
12	$\mathcal{O}(0; \{3^{10}, 4, 6, 12^7\})$	11184896

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^9, 3, 4^3, 6, 12^7\})$	87040
12	$\mathcal{O}(0; \{2^5, 3^4, 4^3, 6, 12^7\})$	699392
12	$\mathcal{O}(0; \{2, 3^7, 4^3, 6, 12^7\})$	5592064
12	$\mathcal{O}(0; \{2^6, 3, 4^5, 6, 12^7\})$	348160
12	$\mathcal{O}(0; \{2^2, 3^4, 4^5, 6, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2^3, 3, 4^7, 6, 12^7\})$	1392640
12	$\mathcal{O}(0; \{3, 4^9, 6, 12^7\})$	5570560
12	$\mathcal{O}(0; \{2^9, 3^2, 4, 6^2, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^5, 4, 6^2, 12^7\})$	699136
12	$\mathcal{O}(0; \{2, 3^8, 4, 6^2, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 6^2, 12^7\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 6^2, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 6^2, 12^7\})$	1396736
12	$\mathcal{O}(0; \{3^2, 4^7, 6^2, 12^7\})$	5586944
12	$\mathcal{O}(0; \{2^{10}, 4, 6^3, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 6^3, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 6^3, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^7, 4^3, 6^3, 12^7\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6^3, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^4, 4^5, 6^3, 12^7\})$	700416
12	$\mathcal{O}(0; \{3^3, 4^5, 6^3, 12^7\})$	5591040
12	$\mathcal{O}(0; \{2, 4^7, 6^3, 12^7\})$	2801664
12	$\mathcal{O}(0; \{2^7, 3, 4, 6^4, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^4, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^4, 12^7\})$	699392
12	$\mathcal{O}(0; \{3^4, 4^3, 6^4, 12^7\})$	5592064
12	$\mathcal{O}(0; \{2, 3, 4^5, 6^4, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^5, 12^7\})$	699136
12	$\mathcal{O}(0; \{3^5, 4, 6^5, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^5, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^5, 4, 6^6, 12^7\})$	349440
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^6, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^2, 4^3, 6^6, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^7, 12^7\})$	1398016
12	$\mathcal{O}(0; \{4, 6^9, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^{12}, 3^2, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^8, 3^5, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^4, 3^8, 12^8\})$	2796288
12	$\mathcal{O}(0; \{3^{11}, 12^8\})$	22369536
12	$\mathcal{O}(0; \{2^9, 3^2, 4^2, 12^8\})$	175104
12	$\mathcal{O}(0; \{2^5, 3^5, 4^2, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2, 3^8, 4^2, 12^8\})$	11185152
12	$\mathcal{O}(0; \{2^6, 3^2, 4^4, 12^8\})$	700416

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^5, 4^4, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2^3, 3^2, 4^6, 12^8\})$	2801664
12	$\mathcal{O}(0; \{3^2, 4^8, 12^8\})$	11206656
12	$\mathcal{O}(0; \{2^{13}, 6, 12^8\})$	21760
12	$\mathcal{O}(0; \{2^9, 3^3, 6, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^5, 3^6, 6, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2, 3^9, 6, 12^8\})$	11184896
12	$\mathcal{O}(0; \{2^{10}, 4^2, 6, 12^8\})$	87040
12	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 6, 12^8\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 6, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2^7, 4^4, 6, 12^8\})$	348160
12	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 6, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2^4, 4^6, 6, 12^8\})$	1392640
12	$\mathcal{O}(0; \{3^3, 4^6, 6, 12^8\})$	11190272
12	$\mathcal{O}(0; \{2, 4^8, 6, 12^8\})$	5570560
12	$\mathcal{O}(0; \{2^{10}, 3, 6^2, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^6, 3^4, 6^2, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^2, 3^7, 6^2, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 6^2, 12^8\})$	349184
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6^2, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 6^2, 12^8\})$	1396736
12	$\mathcal{O}(0; \{3^4, 4^4, 6^2, 12^8\})$	11186176
12	$\mathcal{O}(0; \{2, 3, 4^6, 6^2, 12^8\})$	5586944
12	$\mathcal{O}(0; \{2^7, 3^2, 6^3, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^5, 6^3, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^3, 12^8\})$	1397760
12	$\mathcal{O}(0; \{3^5, 4^2, 6^3, 12^8\})$	11185152
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^3, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2^8, 6^4, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^3, 6^4, 12^8\})$	1398016
12	$\mathcal{O}(0; \{3^6, 6^4, 12^8\})$	11184896
12	$\mathcal{O}(0; \{2^5, 4^2, 6^4, 12^8\})$	699392
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^4, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2^2, 4^4, 6^4, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2^5, 3, 6^5, 12^8\})$	699136
12	$\mathcal{O}(0; \{2, 3^4, 6^5, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^5, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^2, 3^2, 6^6, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^3, 6^7, 12^8\})$	1398016
12	$\mathcal{O}(0; \{4^2, 6^7, 12^8\})$	5592064
12	$\mathcal{O}(0; \{3, 6^8, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^{10}, 3, 4, 12^9\})$	175104
12	$\mathcal{O}(0; \{2^6, 3^4, 4, 12^9\})$	1397760

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^7, 4, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2^7, 3, 4^3, 12^9\})$	700416
12	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 12^9\})$	5591040
12	$\mathcal{O}(0; \{2^4, 3, 4^5, 12^9\})$	2801664
12	$\mathcal{O}(0; \{3^4, 4^5, 12^9\})$	22364160
12	$\mathcal{O}(0; \{2, 3, 4^7, 12^9\})$	11206656
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 6, 12^9\})$	699392
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 6, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6, 12^9\})$	2797568
12	$\mathcal{O}(0; \{3^5, 4^3, 6, 12^9\})$	22368256
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 6, 12^9\})$	11190272
12	$\mathcal{O}(0; \{2^8, 4, 6^2, 12^9\})$	349184
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^2, 12^9\})$	2796544
12	$\mathcal{O}(0; \{3^6, 4, 6^2, 12^9\})$	22369280
12	$\mathcal{O}(0; \{2^5, 4^3, 6^2, 12^9\})$	1396736
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^2, 12^9\})$	11186176
12	$\mathcal{O}(0; \{2^2, 4^5, 6^2, 12^9\})$	5586944
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^3, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^3, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^3, 12^9\})$	5591040
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^4, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^3, 4, 6^5, 12^9\})$	2796544
12	$\mathcal{O}(0; \{4^3, 6^5, 12^9\})$	11186176
12	$\mathcal{O}(0; \{3, 4, 6^6, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2^{11}, 12^{10}\})$	175104
12	$\mathcal{O}(0; \{2^7, 3^3, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2^3, 3^6, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^8, 4^2, 12^{10}\})$	700416
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{3^6, 4^2, 12^{10}\})$	44740608
12	$\mathcal{O}(0; \{2^5, 4^4, 12^{10}\})$	2801664
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 12^{10}\})$	22364160
12	$\mathcal{O}(0; \{2^2, 4^6, 12^{10}\})$	11206656
12	$\mathcal{O}(0; \{2^8, 3, 6, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{2^4, 3^4, 6, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{3^7, 6, 12^{10}\})$	44739584
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6, 12^{10}\})$	22368256
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6, 12^{10}\})$	11190272
12	$\mathcal{O}(0; \{2^5, 3^2, 6^2, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2, 3^5, 6^2, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^2, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{2^6, 6^3, 12^{10}\})$	1397760

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^3, 6^3, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^3, 4^2, 6^3, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{4^4, 6^3, 12^{10}\})$	22364160
12	$\mathcal{O}(0; \{2^3, 3, 6^4, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{3, 4^2, 6^4, 12^{10}\})$	22368256
12	$\mathcal{O}(0; \{3^2, 6^5, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2, 6^6, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{2, 3^5, 4, 12^{11}\})$	44740608
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 12^{11}\})$	22364160
12	$\mathcal{O}(0; \{2^6, 4, 6, 12^{11}\})$	2797568
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{2^3, 4^3, 6, 12^{11}\})$	11190272
12	$\mathcal{O}(0; \{4^5, 6, 12^{11}\})$	44761088
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^2, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{3, 4^3, 6^2, 12^{11}\})$	44744704
12	$\mathcal{O}(0; \{3^2, 4, 6^3, 12^{11}\})$	44740608
12	$\mathcal{O}(0; \{2, 4, 6^4, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{2^6, 3, 12^{12}\})$	5591040
12	$\mathcal{O}(0; \{2^2, 3^4, 12^{12}\})$	44740608
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 12^{12}\})$	22364160
12	$\mathcal{O}(0; \{3, 4^4, 12^{12}\})$	89456640
12	$\mathcal{O}(0; \{2^3, 3^2, 6, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{3^2, 4^2, 6, 12^{12}\})$	89473024
12	$\mathcal{O}(0; \{2^4, 6^2, 12^{12}\})$	11186176
12	$\mathcal{O}(0; \{3^3, 6^2, 12^{12}\})$	89477120
12	$\mathcal{O}(0; \{2, 4^2, 6^2, 12^{12}\})$	44744704
12	$\mathcal{O}(0; \{2, 3, 6^3, 12^{12}\})$	44740608
12	$\mathcal{O}(0; \{2^4, 4, 12^{13}\})$	22364160
12	$\mathcal{O}(0; \{3^3, 4, 12^{13}\})$	178962432
12	$\mathcal{O}(0; \{2, 4^3, 12^{13}\})$	89456640
12	$\mathcal{O}(0; \{2, 3, 4, 6, 12^{13}\})$	89473024
12	$\mathcal{O}(0; \{2, 3^2, 12^{14}\})$	178962432
12	$\mathcal{O}(0; \{2^2, 6, 12^{14}\})$	89473024
12	$\mathcal{O}(0; \{12^{16}\})$	715849728
13	$\mathcal{O}(5; \{13^4\})$	220022152991004
14	$\mathcal{O}(5; \{2^2, 14^2\})$	1735527929856
14	$\mathcal{O}(4; \{2, 7^4, 14\})$	1638125852160
14	$\mathcal{O}(4; \{2^6, 14^2\})$	8854734336
14	$\mathcal{O}(3; \{7^8\})$	1778452638102
14	$\mathcal{O}(3; \{2^5, 7^4, 14\})$	8357784960
14	$\mathcal{O}(3; \{2^{10}, 14^2\})$	45177216
14	$\mathcal{O}(3; \{2^3, 7^3, 14^3\})$	50191886976

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(3; \{2, 7^2, 14^5\})$	301106144640
14	$\mathcal{O}(2; \{2^4, 7^8\})$	9217765536
14	$\mathcal{O}(2; \{2^9, 7^4, 14\})$	42641760
14	$\mathcal{O}(2; \{2^{14}, 14^2\})$	230496
14	$\mathcal{O}(2; \{2^2, 7^7, 14^2\})$	55306362720
14	$\mathcal{O}(2; \{2^7, 7^3, 14^3\})$	256081056
14	$\mathcal{O}(2; \{7^6, 14^4\})$	331838406816
14	$\mathcal{O}(2; \{2^5, 7^2, 14^5\})$	1536255840
14	$\mathcal{O}(2; \{2^3, 7, 14^7\})$	9217765536
14	$\mathcal{O}(2; \{2, 14^9\})$	55306362720
14	$\mathcal{O}(1; \{2^8, 7^8\})$	47029416
14	$\mathcal{O}(1; \{2^{13}, 7^4, 14\})$	217560
14	$\mathcal{O}(1; \{2, 7^{11}, 14\})$	60949905576
14	$\mathcal{O}(1; \{2^{18}, 14^2\})$	1176
14	$\mathcal{O}(1; \{2^6, 7^7, 14^2\})$	282175320
14	$\mathcal{O}(1; \{2^{11}, 7^3, 14^3\})$	1306536
14	$\mathcal{O}(1; \{2^4, 7^6, 14^4\})$	1693053096
14	$\mathcal{O}(1; \{2^9, 7^2, 14^5\})$	7838040
14	$\mathcal{O}(1; \{2^2, 7^5, 14^6\})$	10158317400
14	$\mathcal{O}(1; \{2^7, 7, 14^7\})$	47029416
14	$\mathcal{O}(1; \{7^4, 14^8\})$	60949905576
14	$\mathcal{O}(1; \{2^5, 14^9\})$	282175320
14	$\mathcal{O}(0; \{2^{12}, 7^8\})$	239946
14	$\mathcal{O}(0; \{2^{17}, 7^4, 14\})$	1110
14	$\mathcal{O}(0; \{2^5, 7^{11}, 14\})$	310968906
14	$\mathcal{O}(0; \{2^{22}, 14^2\})$	6
14	$\mathcal{O}(0; \{2^{10}, 7^7, 14^2\})$	1439670
14	$\mathcal{O}(0; \{2^{15}, 7^3, 14^3\})$	6666
14	$\mathcal{O}(0; \{2^3, 7^{10}, 14^3\})$	1865813430
14	$\mathcal{O}(0; \{2^8, 7^6, 14^4\})$	8638026
14	$\mathcal{O}(0; \{2^{13}, 7^2, 14^5\})$	39990
14	$\mathcal{O}(0; \{2, 7^9, 14^5\})$	11194880586
14	$\mathcal{O}(0; \{2^6, 7^5, 14^6\})$	51828150
14	$\mathcal{O}(0; \{2^{11}, 7, 14^7\})$	239946
14	$\mathcal{O}(0; \{2^4, 7^4, 14^8\})$	310968906
14	$\mathcal{O}(0; \{2^9, 14^9\})$	1439670
14	$\mathcal{O}(0; \{2^2, 7^3, 14^{10}\})$	1865813430
14	$\mathcal{O}(0; \{7^2, 14^{12}\})$	11194880586
15	$\mathcal{O}(4; \{3, 5^2, 15^2\})$	266540625000
15	$\mathcal{O}(4; \{3^2, 15^3\})$	307546875000
15	$\mathcal{O}(3; \{3^2, 5^6\})$	18680625000
15	$\mathcal{O}(3; \{3^3, 5^4, 15\})$	13942125000
15	$\mathcal{O}(3; \{3^4, 5^2, 15^2\})$	13030875000

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(3; \{3^5, 15^3\})$	11755125000
15	$\mathcal{O}(3; \{5^3, 15^4\})$	223894125000
15	$\mathcal{O}(3; \{3, 5, 15^5\})$	205486875000
15	$\mathcal{O}(2; \{3^5, 5^6\})$	415125000
15	$\mathcal{O}(2; \{3^6, 5^4, 15\})$	433755000
15	$\mathcal{O}(2; \{3^7, 5^2, 15^2\})$	447525000
15	$\mathcal{O}(2; \{3, 5^7, 15^2\})$	5308335000
15	$\mathcal{O}(2; \{3^8, 15^3\})$	414315000
15	$\mathcal{O}(2; \{3^2, 5^5, 15^3\})$	6635925000
15	$\mathcal{O}(2; \{3^3, 5^3, 15^4\})$	6965595000
15	$\mathcal{O}(2; \{3^4, 5, 15^5\})$	7057125000
15	$\mathcal{O}(2; \{5^2, 15^7\})$	111475035000
15	$\mathcal{O}(2; \{3, 15^8\})$	112810725000
15	$\mathcal{O}(1; \{3^8, 5^6\})$	15867000
15	$\mathcal{O}(1; \{3^2, 5^{11}\})$	377487000
15	$\mathcal{O}(1; \{3^9, 5^4, 15\})$	15697800
15	$\mathcal{O}(1; \{3^3, 5^9, 15\})$	283116600
15	$\mathcal{O}(1; \{3^{10}, 5^2, 15^2\})$	15982200
15	$\mathcal{O}(1; \{3^4, 5^7, 15^2\})$	259518600
15	$\mathcal{O}(1; \{3^{11}, 15^3\})$	14747400
15	$\mathcal{O}(1; \{3^5, 5^5, 15^3\})$	253639800
15	$\mathcal{O}(1; \{3^6, 5^3, 15^4\})$	252088200
15	$\mathcal{O}(1; \{5^8, 15^4\})$	4529849400
15	$\mathcal{O}(1; \{3^7, 5, 15^5\})$	252027000
15	$\mathcal{O}(1; \{3, 5^6, 15^5\})$	4152357000
15	$\mathcal{O}(1; \{3^2, 5^4, 15^6\})$	4058004600
15	$\mathcal{O}(1; \{3^3, 5^2, 15^7\})$	4034334600
15	$\mathcal{O}(1; \{3^4, 15^8\})$	4028743800
15	$\mathcal{O}(1; \{5, 15^{10}\})$	64550277000
15	$\mathcal{O}(0; \{3^{11}, 5^6\})$	559240
15	$\mathcal{O}(0; \{3^5, 5^{11}\})$	8388600
15	$\mathcal{O}(0; \{3^{12}, 5^4, 15\})$	556920
15	$\mathcal{O}(0; \{3^6, 5^9, 15\})$	8808072
15	$\mathcal{O}(0; \{3^{13}, 5^2, 15^2\})$	567944
15	$\mathcal{O}(0; \{3^7, 5^7, 15^2\})$	8912760
15	$\mathcal{O}(0; \{3, 5^{12}, 15^2\})$	107374184
15	$\mathcal{O}(0; \{3^{14}, 15^3\})$	524280
15	$\mathcal{O}(0; \{3^8, 5^5, 15^3\})$	8939656
15	$\mathcal{O}(0; \{3^2, 5^{10}, 15^3\})$	134217720
15	$\mathcal{O}(0; \{3^9, 5^3, 15^4\})$	8943480
15	$\mathcal{O}(0; \{3^3, 5^8, 15^4\})$	140928648
15	$\mathcal{O}(0; \{3^{10}, 5, 15^5\})$	8956040
15	$\mathcal{O}(0; \{3^4, 5^6, 15^5\})$	142606200

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{3^5, 5^4, 15^6\})$	143026312
15	$\mathcal{O}(0; \{3^6, 5^2, 15^7\})$	143128440
15	$\mathcal{O}(0; \{5^7, 15^7\})$	2254857864
15	$\mathcal{O}(0; \{3^7, 15^8\})$	143165576
15	$\mathcal{O}(0; \{3, 5^5, 15^8\})$	2281701240
15	$\mathcal{O}(0; \{3^2, 5^3, 15^9\})$	2288412808
15	$\mathcal{O}(0; \{3^3, 5, 15^{10}\})$	2290087800
15	$\mathcal{O}(0; \{15^{13}\})$	36641437560
16	$\mathcal{O}(5; \{4^2\})$	2196875771904
16	$\mathcal{O}(4; \{2^4, 4^2\})$	8556380160
16	$\mathcal{O}(4; \{2, 4^4\})$	34225520640
16	$\mathcal{O}(4; \{2^2, 4, 8^2\})$	34225520640
16	$\mathcal{O}(4; \{8^4\})$	273804165120
16	$\mathcal{O}(4; \{4, 8, 16^2\})$	274877906944
16	$\mathcal{O}(3; \{2^8, 4^2\})$	33030144
16	$\mathcal{O}(3; \{2^5, 4^4\})$	132120576
16	$\mathcal{O}(3; \{2^2, 4^6\})$	528482304
16	$\mathcal{O}(3; \{2^6, 4, 8^2\})$	132120576
16	$\mathcal{O}(3; \{2^3, 4^3, 8^2\})$	528482304
16	$\mathcal{O}(3; \{4^5, 8^2\})$	2113929216
16	$\mathcal{O}(3; \{2^4, 8^4\})$	1056964608
16	$\mathcal{O}(3; \{2, 4^2, 8^4\})$	4227858432
16	$\mathcal{O}(3; \{2^4, 4, 8, 16^2\})$	1073741824
16	$\mathcal{O}(3; \{2, 4^3, 8, 16^2\})$	4294967296
16	$\mathcal{O}(3; \{2^2, 8^3, 16^2\})$	8589934592
16	$\mathcal{O}(3; \{2^2, 4, 16^4\})$	17179869184
16	$\mathcal{O}(3; \{8^2, 16^4\})$	137438953472
16	$\mathcal{O}(2; \{2^{12}, 4^2\})$	122880
16	$\mathcal{O}(2; \{2^9, 4^4\})$	491520
16	$\mathcal{O}(2; \{2^6, 4^6\})$	1966080
16	$\mathcal{O}(2; \{2^3, 4^8\})$	7864320
16	$\mathcal{O}(2; \{4^{10}\})$	31457280
16	$\mathcal{O}(2; \{2^{10}, 4, 8^2\})$	491520
16	$\mathcal{O}(2; \{2^7, 4^3, 8^2\})$	1966080
16	$\mathcal{O}(2; \{2^4, 4^5, 8^2\})$	7864320
16	$\mathcal{O}(2; \{2, 4^7, 8^2\})$	31457280
16	$\mathcal{O}(2; \{2^8, 8^4\})$	3932160
16	$\mathcal{O}(2; \{2^5, 4^2, 8^4\})$	15728640
16	$\mathcal{O}(2; \{2^2, 4^4, 8^4\})$	62914560
16	$\mathcal{O}(2; \{2^3, 4, 8^6\})$	125829120
16	$\mathcal{O}(2; \{4^3, 8^6\})$	503316480
16	$\mathcal{O}(2; \{2, 8^8\})$	1006632960
16	$\mathcal{O}(2; \{2^8, 4, 8, 16^2\})$	4194304

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{2^5, 4^3, 8, 16^2\})$	16777216
16	$\mathcal{O}(2; \{2^2, 4^5, 8, 16^2\})$	67108864
16	$\mathcal{O}(2; \{2^6, 8^3, 16^2\})$	33554432
16	$\mathcal{O}(2; \{2^3, 4^2, 8^3, 16^2\})$	134217728
16	$\mathcal{O}(2; \{4^4, 8^3, 16^2\})$	536870912
16	$\mathcal{O}(2; \{2, 4, 8^5, 16^2\})$	1073741824
16	$\mathcal{O}(2; \{2^6, 4, 16^4\})$	67108864
16	$\mathcal{O}(2; \{2^3, 4^3, 16^4\})$	268435456
16	$\mathcal{O}(2; \{4^5, 16^4\})$	1073741824
16	$\mathcal{O}(2; \{2^4, 8^2, 16^4\})$	536870912
16	$\mathcal{O}(2; \{2, 4^2, 8^2, 16^4\})$	2147483648
16	$\mathcal{O}(2; \{2^2, 8, 16^6\})$	8589934592
16	$\mathcal{O}(2; \{16^8\})$	137438953472
16	$\mathcal{O}(1; \{2^{16}, 4^2\})$	384
16	$\mathcal{O}(1; \{2^{13}, 4^4\})$	1536
16	$\mathcal{O}(1; \{2^{10}, 4^6\})$	6144
16	$\mathcal{O}(1; \{2^7, 4^8\})$	24576
16	$\mathcal{O}(1; \{2^4, 4^{10}\})$	98304
16	$\mathcal{O}(1; \{2, 4^{12}\})$	393216
16	$\mathcal{O}(1; \{2^{14}, 4, 8^2\})$	1536
16	$\mathcal{O}(1; \{2^{11}, 4^3, 8^2\})$	6144
16	$\mathcal{O}(1; \{2^8, 4^5, 8^2\})$	24576
16	$\mathcal{O}(1; \{2^5, 4^7, 8^2\})$	98304
16	$\mathcal{O}(1; \{2^2, 4^9, 8^2\})$	393216
16	$\mathcal{O}(1; \{2^{12}, 8^4\})$	12288
16	$\mathcal{O}(1; \{2^9, 4^2, 8^4\})$	49152
16	$\mathcal{O}(1; \{2^6, 4^4, 8^4\})$	196608
16	$\mathcal{O}(1; \{2^3, 4^6, 8^4\})$	786432
16	$\mathcal{O}(1; \{4^8, 8^4\})$	3145728
16	$\mathcal{O}(1; \{2^7, 4, 8^6\})$	393216
16	$\mathcal{O}(1; \{2^4, 4^3, 8^6\})$	1572864
16	$\mathcal{O}(1; \{2, 4^5, 8^6\})$	6291456
16	$\mathcal{O}(1; \{2^5, 8^8\})$	3145728
16	$\mathcal{O}(1; \{2^2, 4^2, 8^8\})$	12582912
16	$\mathcal{O}(1; \{4, 8^{10}\})$	100663296
16	$\mathcal{O}(1; \{2^{12}, 4, 8, 16^2\})$	16384
16	$\mathcal{O}(1; \{2^9, 4^3, 8, 16^2\})$	65536
16	$\mathcal{O}(1; \{2^6, 4^5, 8, 16^2\})$	262144
16	$\mathcal{O}(1; \{2^3, 4^7, 8, 16^2\})$	1048576
16	$\mathcal{O}(1; \{4^9, 8, 16^2\})$	4194304
16	$\mathcal{O}(1; \{2^{10}, 8^3, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^7, 4^2, 8^3, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^4, 4^4, 8^3, 16^2\})$	2097152

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{2, 4^6, 8^3, 16^2\})$	8388608
16	$\mathcal{O}(1; \{2^5, 4, 8^5, 16^2\})$	4194304
16	$\mathcal{O}(1; \{2^2, 4^3, 8^5, 16^2\})$	16777216
16	$\mathcal{O}(1; \{2^3, 8^7, 16^2\})$	33554432
16	$\mathcal{O}(1; \{4^2, 8^7, 16^2\})$	134217728
16	$\mathcal{O}(1; \{2^{10}, 4, 16^4\})$	262144
16	$\mathcal{O}(1; \{2^7, 4^3, 16^4\})$	1048576
16	$\mathcal{O}(1; \{2^4, 4^5, 16^4\})$	4194304
16	$\mathcal{O}(1; \{2, 4^7, 16^4\})$	16777216
16	$\mathcal{O}(1; \{2^8, 8^2, 16^4\})$	2097152
16	$\mathcal{O}(1; \{2^5, 4^2, 8^2, 16^4\})$	8388608
16	$\mathcal{O}(1; \{2^2, 4^4, 8^2, 16^4\})$	33554432
16	$\mathcal{O}(1; \{2^3, 4, 8^4, 16^4\})$	67108864
16	$\mathcal{O}(1; \{4^3, 8^4, 16^4\})$	268435456
16	$\mathcal{O}(1; \{2, 8^6, 16^4\})$	536870912
16	$\mathcal{O}(1; \{2^6, 8, 16^6\})$	33554432
16	$\mathcal{O}(1; \{2^3, 4^2, 8, 16^6\})$	134217728
16	$\mathcal{O}(1; \{4^4, 8, 16^6\})$	536870912
16	$\mathcal{O}(1; \{2, 4, 8^3, 16^6\})$	1073741824
16	$\mathcal{O}(1; \{2^4, 16^8\})$	536870912
16	$\mathcal{O}(1; \{2, 4^2, 16^8\})$	2147483648
16	$\mathcal{O}(0; \{2^{16}, 4, 8, 16^2\})$	64
16	$\mathcal{O}(0; \{2^{13}, 4^3, 8, 16^2\})$	256
16	$\mathcal{O}(0; \{2^{10}, 4^5, 8, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^7, 4^7, 8, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^4, 4^9, 8, 16^2\})$	16384
16	$\mathcal{O}(0; \{2, 4^{11}, 8, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^{14}, 8^3, 16^2\})$	512
16	$\mathcal{O}(0; \{2^{11}, 4^2, 8^3, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^8, 4^4, 8^3, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^5, 4^6, 8^3, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^2, 4^8, 8^3, 16^2\})$	131072
16	$\mathcal{O}(0; \{2^9, 4, 8^5, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^6, 4^3, 8^5, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^3, 4^5, 8^5, 16^2\})$	262144
16	$\mathcal{O}(0; \{4^7, 8^5, 16^2\})$	1048576
16	$\mathcal{O}(0; \{2^7, 8^7, 16^2\})$	131072
16	$\mathcal{O}(0; \{2^4, 4^2, 8^7, 16^2\})$	524288
16	$\mathcal{O}(0; \{2, 4^4, 8^7, 16^2\})$	2097152
16	$\mathcal{O}(0; \{2^2, 4, 8^9, 16^2\})$	4194304
16	$\mathcal{O}(0; \{8^{11}, 16^2\})$	33554432
16	$\mathcal{O}(0; \{2^{14}, 4, 16^4\})$	1024
16	$\mathcal{O}(0; \{2^{11}, 4^3, 16^4\})$	4096

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{2^8, 4^5, 16^4\})$	16384
16	$\mathcal{O}(0; \{2^5, 4^7, 16^4\})$	65536
16	$\mathcal{O}(0; \{2^2, 4^9, 16^4\})$	262144
16	$\mathcal{O}(0; \{2^{12}, 8^2, 16^4\})$	8192
16	$\mathcal{O}(0; \{2^9, 4^2, 8^2, 16^4\})$	32768
16	$\mathcal{O}(0; \{2^6, 4^4, 8^2, 16^4\})$	131072
16	$\mathcal{O}(0; \{2^3, 4^6, 8^2, 16^4\})$	524288
16	$\mathcal{O}(0; \{4^8, 8^2, 16^4\})$	2097152
16	$\mathcal{O}(0; \{2^7, 4, 8^4, 16^4\})$	262144
16	$\mathcal{O}(0; \{2^4, 4^3, 8^4, 16^4\})$	1048576
16	$\mathcal{O}(0; \{2, 4^5, 8^4, 16^4\})$	4194304
16	$\mathcal{O}(0; \{2^5, 8^6, 16^4\})$	2097152
16	$\mathcal{O}(0; \{2^2, 4^2, 8^6, 16^4\})$	8388608
16	$\mathcal{O}(0; \{4, 8^8, 16^4\})$	67108864
16	$\mathcal{O}(0; \{2^{10}, 8, 16^6\})$	131072
16	$\mathcal{O}(0; \{2^7, 4^2, 8, 16^6\})$	524288
16	$\mathcal{O}(0; \{2^4, 4^4, 8, 16^6\})$	2097152
16	$\mathcal{O}(0; \{2, 4^6, 8, 16^6\})$	8388608
16	$\mathcal{O}(0; \{2^5, 4, 8^3, 16^6\})$	4194304
16	$\mathcal{O}(0; \{2^2, 4^3, 8^3, 16^6\})$	16777216
16	$\mathcal{O}(0; \{2^3, 8^5, 16^6\})$	33554432
16	$\mathcal{O}(0; \{4^2, 8^5, 16^6\})$	134217728
16	$\mathcal{O}(0; \{2^8, 16^8\})$	2097152
16	$\mathcal{O}(0; \{2^5, 4^2, 16^8\})$	8388608
16	$\mathcal{O}(0; \{2^2, 4^4, 16^8\})$	33554432
16	$\mathcal{O}(0; \{2^3, 4, 8^2, 16^8\})$	67108864
16	$\mathcal{O}(0; \{4^3, 8^2, 16^8\})$	268435456
16	$\mathcal{O}(0; \{2, 8^4, 16^8\})$	536870912
16	$\mathcal{O}(0; \{2, 4, 8, 16^{10}\})$	1073741824
18	$\mathcal{O}(4; \{3, 9^2\})$	131722966260
18	$\mathcal{O}(3; \{2^4, 3, 9^2\})$	408146688
18	$\mathcal{O}(3; \{3^4, 9^2\})$	3214155168
18	$\mathcal{O}(3; \{2, 3^2, 6, 9^2\})$	1632586752
18	$\mathcal{O}(3; \{2^2, 6^2, 9^2\})$	816293376
18	$\mathcal{O}(3; \{9^5\})$	27119434230
18	$\mathcal{O}(3; \{6, 9^3, 18\})$	11019960576
18	$\mathcal{O}(3; \{2^2, 3, 9, 18^2\})$	1224440064
18	$\mathcal{O}(3; \{6^2, 9, 18^2\})$	2448880128
18	$\mathcal{O}(3; \{3, 18^4\})$	11019960576
18	$\mathcal{O}(2; \{2^8, 3, 9^2\})$	1259712
18	$\mathcal{O}(2; \{2^4, 3^4, 9^2\})$	10077696
18	$\mathcal{O}(2; \{3^7, 9^2\})$	75582720
18	$\mathcal{O}(2; \{2^5, 3^2, 6, 9^2\})$	5038848

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{2, 3^5, 6, 9^2\})$	40310784
18	$\mathcal{O}(2; \{2^6, 6^2, 9^2\})$	2519424
18	$\mathcal{O}(2; \{2^2, 3^3, 6^2, 9^2\})$	20155392
18	$\mathcal{O}(2; \{2^3, 3, 6^3, 9^2\})$	10077696
18	$\mathcal{O}(2; \{3^2, 6^4, 9^2\})$	40310784
18	$\mathcal{O}(2; \{2, 6^5, 9^2\})$	20155392
18	$\mathcal{O}(2; \{2^4, 9^5\})$	85030560
18	$\mathcal{O}(2; \{3^3, 9^5\})$	637729200
18	$\mathcal{O}(2; \{2, 3, 6, 9^5\})$	340122240
18	$\mathcal{O}(2; \{2^3, 3^2, 9^3, 18\})$	68024448
18	$\mathcal{O}(2; \{2^4, 6, 9^3, 18\})$	34012224
18	$\mathcal{O}(2; \{3^3, 6, 9^3, 18\})$	272097792
18	$\mathcal{O}(2; \{2, 3, 6^2, 9^3, 18\})$	136048896
18	$\mathcal{O}(2; \{2^6, 3, 9, 18^2\})$	3779136
18	$\mathcal{O}(2; \{2^2, 3^4, 9, 18^2\})$	30233088
18	$\mathcal{O}(2; \{2^3, 3^2, 6, 9, 18^2\})$	15116544
18	$\mathcal{O}(2; \{2^4, 6^2, 9, 18^2\})$	7558272
18	$\mathcal{O}(2; \{3^3, 6^2, 9, 18^2\})$	60466176
18	$\mathcal{O}(2; \{2, 3, 6^3, 9, 18^2\})$	30233088
18	$\mathcal{O}(2; \{2^2, 9^4, 18^2\})$	561201696
18	$\mathcal{O}(2; \{2, 3^2, 9^2, 18^3\})$	340122240
18	$\mathcal{O}(2; \{2^2, 6, 9^2, 18^3\})$	170061120
18	$\mathcal{O}(2; \{2^4, 3, 18^4\})$	34012224
18	$\mathcal{O}(2; \{3^4, 18^4\})$	272097792
18	$\mathcal{O}(2; \{2, 3^2, 6, 18^4\})$	136048896
18	$\mathcal{O}(2; \{2^2, 6^2, 18^4\})$	68024448
18	$\mathcal{O}(2; \{9^3, 18^4\})$	3214155168
18	$\mathcal{O}(2; \{6, 9, 18^5\})$	1122403392
18	$\mathcal{O}(1; \{2^{12}, 3, 9^2\})$	3888
18	$\mathcal{O}(1; \{2^8, 3^4, 9^2\})$	31104
18	$\mathcal{O}(1; \{2^4, 3^7, 9^2\})$	248832
18	$\mathcal{O}(1; \{3^{10}, 9^2\})$	1492992
18	$\mathcal{O}(1; \{2^9, 3^2, 6, 9^2\})$	15552
18	$\mathcal{O}(1; \{2^5, 3^5, 6, 9^2\})$	124416
18	$\mathcal{O}(1; \{2, 3^8, 6, 9^2\})$	995328
18	$\mathcal{O}(1; \{2^{10}, 6^2, 9^2\})$	7776
18	$\mathcal{O}(1; \{2^6, 3^3, 6^2, 9^2\})$	62208
18	$\mathcal{O}(1; \{2^2, 3^6, 6^2, 9^2\})$	497664
18	$\mathcal{O}(1; \{2^7, 3, 6^3, 9^2\})$	31104
18	$\mathcal{O}(1; \{2^3, 3^4, 6^3, 9^2\})$	248832
18	$\mathcal{O}(1; \{2^4, 3^2, 6^4, 9^2\})$	124416
18	$\mathcal{O}(1; \{3^5, 6^4, 9^2\})$	995328
18	$\mathcal{O}(1; \{2^5, 6^5, 9^2\})$	62208

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2, 3^3, 6^5, 9^2\})$	497664
18	$\mathcal{O}(1; \{2^2, 3, 6^6, 9^2\})$	248832
18	$\mathcal{O}(1; \{6^8, 9^2\})$	497664
18	$\mathcal{O}(1; \{2^8, 9^5\})$	262440
18	$\mathcal{O}(1; \{2^4, 3^3, 9^5\})$	2099520
18	$\mathcal{O}(1; \{3^6, 9^5\})$	12597120
18	$\mathcal{O}(1; \{2^5, 3, 6, 9^5\})$	1049760
18	$\mathcal{O}(1; \{2, 3^4, 6, 9^5\})$	8398080
18	$\mathcal{O}(1; \{2^2, 3^2, 6^2, 9^5\})$	4199040
18	$\mathcal{O}(1; \{2^3, 6^3, 9^5\})$	2099520
18	$\mathcal{O}(1; \{3, 6^4, 9^5\})$	8398080
18	$\mathcal{O}(1; \{3^2, 9^8\})$	182815704
18	$\mathcal{O}(1; \{2, 6, 9^8\})$	121877136
18	$\mathcal{O}(1; \{2^7, 3^2, 9^3, 18\})$	209952
18	$\mathcal{O}(1; \{2^3, 3^5, 9^3, 18\})$	1679616
18	$\mathcal{O}(1; \{2^8, 6, 9^3, 18\})$	104976
18	$\mathcal{O}(1; \{2^4, 3^3, 6, 9^3, 18\})$	839808
18	$\mathcal{O}(1; \{3^6, 6, 9^3, 18\})$	6718464
18	$\mathcal{O}(1; \{2^5, 3, 6^2, 9^3, 18\})$	419904
18	$\mathcal{O}(1; \{2, 3^4, 6^2, 9^3, 18\})$	3359232
18	$\mathcal{O}(1; \{2^2, 3^2, 6^3, 9^3, 18\})$	1679616
18	$\mathcal{O}(1; \{2^3, 6^4, 9^3, 18\})$	839808
18	$\mathcal{O}(1; \{3, 6^5, 9^3, 18\})$	3359232
18	$\mathcal{O}(1; \{2^3, 3, 9^6, 18\})$	19840464
18	$\mathcal{O}(1; \{3^2, 6, 9^6, 18\})$	79361856
18	$\mathcal{O}(1; \{2, 6^2, 9^6, 18\})$	39680928
18	$\mathcal{O}(1; \{2^{10}, 3, 9, 18^2\})$	11664
18	$\mathcal{O}(1; \{2^6, 3^4, 9, 18^2\})$	93312
18	$\mathcal{O}(1; \{2^2, 3^7, 9, 18^2\})$	746496
18	$\mathcal{O}(1; \{2^7, 3^2, 6, 9, 18^2\})$	46656
18	$\mathcal{O}(1; \{2^3, 3^5, 6, 9, 18^2\})$	373248
18	$\mathcal{O}(1; \{2^8, 6^2, 9, 18^2\})$	23328
18	$\mathcal{O}(1; \{2^4, 3^3, 6^2, 9, 18^2\})$	186624
18	$\mathcal{O}(1; \{3^6, 6^2, 9, 18^2\})$	1492992
18	$\mathcal{O}(1; \{2^5, 3, 6^3, 9, 18^2\})$	93312
18	$\mathcal{O}(1; \{2, 3^4, 6^3, 9, 18^2\})$	746496
18	$\mathcal{O}(1; \{2^2, 3^2, 6^4, 9, 18^2\})$	373248
18	$\mathcal{O}(1; \{2^3, 6^5, 9, 18^2\})$	186624
18	$\mathcal{O}(1; \{3, 6^6, 9, 18^2\})$	746496
18	$\mathcal{O}(1; \{2^6, 9^4, 18^2\})$	1732104
18	$\mathcal{O}(1; \{2^2, 3^3, 9^4, 18^2\})$	13856832
18	$\mathcal{O}(1; \{2^3, 3, 6, 9^4, 18^2\})$	6928416
18	$\mathcal{O}(1; \{3^2, 6^2, 9^4, 18^2\})$	27713664

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2, 6^3, 9^4, 18^2\})$	13856832
18	$\mathcal{O}(1; \{2^5, 3^2, 9^2, 18^3\})$	1049760
18	$\mathcal{O}(1; \{2, 3^5, 9^2, 18^3\})$	8398080
18	$\mathcal{O}(1; \{2^6, 6, 9^2, 18^3\})$	524880
18	$\mathcal{O}(1; \{2^2, 3^3, 6, 9^2, 18^3\})$	4199040
18	$\mathcal{O}(1; \{2^3, 3, 6^2, 9^2, 18^3\})$	2099520
18	$\mathcal{O}(1; \{3^2, 6^3, 9^2, 18^3\})$	8398080
18	$\mathcal{O}(1; \{2, 6^4, 9^2, 18^3\})$	4199040
18	$\mathcal{O}(1; \{2, 3, 9^5, 18^3\})$	121877136
18	$\mathcal{O}(1; \{2^8, 3, 18^4\})$	104976
18	$\mathcal{O}(1; \{2^4, 3^4, 18^4\})$	839808
18	$\mathcal{O}(1; \{3^7, 18^4\})$	6718464
18	$\mathcal{O}(1; \{2^5, 3^2, 6, 18^4\})$	419904
18	$\mathcal{O}(1; \{2, 3^5, 6, 18^4\})$	3359232
18	$\mathcal{O}(1; \{2^6, 6^2, 18^4\})$	209952
18	$\mathcal{O}(1; \{2^2, 3^3, 6^2, 18^4\})$	1679616
18	$\mathcal{O}(1; \{2^3, 3, 6^3, 18^4\})$	839808
18	$\mathcal{O}(1; \{3^2, 6^4, 18^4\})$	3359232
18	$\mathcal{O}(1; \{2, 6^5, 18^4\})$	1679616
18	$\mathcal{O}(1; \{2^4, 9^3, 18^4\})$	9920232
18	$\mathcal{O}(1; \{3^3, 9^3, 18^4\})$	79361856
18	$\mathcal{O}(1; \{2, 3, 6, 9^3, 18^4\})$	39680928
18	$\mathcal{O}(1; \{2^3, 3^2, 9, 18^5\})$	6928416
18	$\mathcal{O}(1; \{2^4, 6, 9, 18^5\})$	3464208
18	$\mathcal{O}(1; \{3^3, 6, 9, 18^5\})$	27713664
18	$\mathcal{O}(1; \{2, 3, 6^2, 9, 18^5\})$	13856832
18	$\mathcal{O}(1; \{2^2, 9^2, 18^6\})$	60938568
18	$\mathcal{O}(1; \{2, 3^2, 18^7\})$	39680928
18	$\mathcal{O}(1; \{2^2, 6, 18^7\})$	19840464
18	$\mathcal{O}(1; \{9, 18^8\})$	361379880
18	$\mathcal{O}(0; \{2^{16}, 3, 9^2\})$	12
18	$\mathcal{O}(0; \{2^{12}, 3^4, 9^2\})$	96
18	$\mathcal{O}(0; \{2^8, 3^7, 9^2\})$	768
18	$\mathcal{O}(0; \{2^4, 3^{10}, 9^2\})$	6144
18	$\mathcal{O}(0; \{2^{13}, 3^2, 6, 9^2\})$	48
18	$\mathcal{O}(0; \{2^9, 3^5, 6, 9^2\})$	384
18	$\mathcal{O}(0; \{2^5, 3^8, 6, 9^2\})$	3072
18	$\mathcal{O}(0; \{2, 3^{11}, 6, 9^2\})$	24576
18	$\mathcal{O}(0; \{2^{14}, 6^2, 9^2\})$	24
18	$\mathcal{O}(0; \{2^{10}, 3^3, 6^2, 9^2\})$	192
18	$\mathcal{O}(0; \{2^6, 3^6, 6^2, 9^2\})$	1536
18	$\mathcal{O}(0; \{2^2, 3^9, 6^2, 9^2\})$	12288
18	$\mathcal{O}(0; \{2^{11}, 3, 6^3, 9^2\})$	96

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^7, 3^4, 6^3, 9^2\})$	768
18	$\mathcal{O}(0; \{2^3, 3^7, 6^3, 9^2\})$	6144
18	$\mathcal{O}(0; \{2^8, 3^2, 6^4, 9^2\})$	384
18	$\mathcal{O}(0; \{2^4, 3^5, 6^4, 9^2\})$	3072
18	$\mathcal{O}(0; \{3^8, 6^4, 9^2\})$	24576
18	$\mathcal{O}(0; \{2^9, 6^5, 9^2\})$	192
18	$\mathcal{O}(0; \{2^5, 3^3, 6^5, 9^2\})$	1536
18	$\mathcal{O}(0; \{2, 3^6, 6^5, 9^2\})$	12288
18	$\mathcal{O}(0; \{2^6, 3, 6^6, 9^2\})$	768
18	$\mathcal{O}(0; \{2^2, 3^4, 6^6, 9^2\})$	6144
18	$\mathcal{O}(0; \{2^3, 3^2, 6^7, 9^2\})$	3072
18	$\mathcal{O}(0; \{2^4, 6^8, 9^2\})$	1536
18	$\mathcal{O}(0; \{3^3, 6^8, 9^2\})$	12288
18	$\mathcal{O}(0; \{2, 3, 6^9, 9^2\})$	6144
18	$\mathcal{O}(0; \{2^{12}, 9^5\})$	810
18	$\mathcal{O}(0; \{2^8, 3^3, 9^5\})$	6480
18	$\mathcal{O}(0; \{2^4, 3^6, 9^5\})$	51840
18	$\mathcal{O}(0; \{2^9, 3, 6, 9^5\})$	3240
18	$\mathcal{O}(0; \{2^5, 3^4, 6, 9^5\})$	25920
18	$\mathcal{O}(0; \{2, 3^7, 6, 9^5\})$	207360
18	$\mathcal{O}(0; \{2^6, 3^2, 6^2, 9^5\})$	12960
18	$\mathcal{O}(0; \{2^2, 3^5, 6^2, 9^5\})$	103680
18	$\mathcal{O}(0; \{2^7, 6^3, 9^5\})$	6480
18	$\mathcal{O}(0; \{2^3, 3^3, 6^3, 9^5\})$	51840
18	$\mathcal{O}(0; \{2^4, 3, 6^4, 9^5\})$	25920
18	$\mathcal{O}(0; \{3^4, 6^4, 9^5\})$	207360
18	$\mathcal{O}(0; \{2, 3^2, 6^5, 9^5\})$	103680
18	$\mathcal{O}(0; \{2^2, 6^6, 9^5\})$	51840
18	$\mathcal{O}(0; \{2^4, 3^2, 9^8\})$	752328
18	$\mathcal{O}(0; \{2^5, 6, 9^8\})$	376164
18	$\mathcal{O}(0; \{2, 3^3, 6, 9^8\})$	3009312
18	$\mathcal{O}(0; \{2^2, 3, 6^2, 9^8\})$	1504656
18	$\mathcal{O}(0; \{6^4, 9^8\})$	3009312
18	$\mathcal{O}(0; \{2^{11}, 3^2, 9^3, 18\})$	648
18	$\mathcal{O}(0; \{2^7, 3^5, 9^3, 18\})$	5184
18	$\mathcal{O}(0; \{2^3, 3^8, 9^3, 18\})$	41472
18	$\mathcal{O}(0; \{2^{12}, 6, 9^3, 18\})$	324
18	$\mathcal{O}(0; \{2^8, 3^3, 6, 9^3, 18\})$	2592
18	$\mathcal{O}(0; \{2^4, 3^6, 6, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{3^9, 6, 9^3, 18\})$	165888
18	$\mathcal{O}(0; \{2^9, 3, 6^2, 9^3, 18\})$	1296
18	$\mathcal{O}(0; \{2^5, 3^4, 6^2, 9^3, 18\})$	10368
18	$\mathcal{O}(0; \{2, 3^7, 6^2, 9^3, 18\})$	82944

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^6, 3^2, 6^3, 9^3, 18\})$	5184
18	$\mathcal{O}(0; \{2^2, 3^5, 6^3, 9^3, 18\})$	41472
18	$\mathcal{O}(0; \{2^7, 6^4, 9^3, 18\})$	2592
18	$\mathcal{O}(0; \{2^3, 3^3, 6^4, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{2^4, 3, 6^5, 9^3, 18\})$	10368
18	$\mathcal{O}(0; \{3^4, 6^5, 9^3, 18\})$	82944
18	$\mathcal{O}(0; \{2, 3^2, 6^6, 9^3, 18\})$	41472
18	$\mathcal{O}(0; \{2^2, 6^7, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{2^7, 3, 9^6, 18\})$	61236
18	$\mathcal{O}(0; \{2^3, 3^4, 9^6, 18\})$	489888
18	$\mathcal{O}(0; \{2^4, 3^2, 6, 9^6, 18\})$	244944
18	$\mathcal{O}(0; \{3^5, 6, 9^6, 18\})$	1959552
18	$\mathcal{O}(0; \{2^5, 6^2, 9^6, 18\})$	122472
18	$\mathcal{O}(0; \{2, 3^3, 6^2, 9^6, 18\})$	979776
18	$\mathcal{O}(0; \{2^2, 3, 6^3, 9^6, 18\})$	489888
18	$\mathcal{O}(0; \{6^5, 9^6, 18\})$	979776
18	$\mathcal{O}(0; \{2^3, 9^9, 18\})$	6731586
18	$\mathcal{O}(0; \{3, 6, 9^9, 18\})$	26926344
18	$\mathcal{O}(0; \{2^{14}, 3, 9, 18^2\})$	36
18	$\mathcal{O}(0; \{2^{10}, 3^4, 9, 18^2\})$	288
18	$\mathcal{O}(0; \{2^6, 3^7, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{2^2, 3^{10}, 9, 18^2\})$	18432
18	$\mathcal{O}(0; \{2^{11}, 3^2, 6, 9, 18^2\})$	144
18	$\mathcal{O}(0; \{2^7, 3^5, 6, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{2^3, 3^8, 6, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{2^{12}, 6^2, 9, 18^2\})$	72
18	$\mathcal{O}(0; \{2^8, 3^3, 6^2, 9, 18^2\})$	576
18	$\mathcal{O}(0; \{2^4, 3^6, 6^2, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{3^9, 6^2, 9, 18^2\})$	36864
18	$\mathcal{O}(0; \{2^9, 3, 6^3, 9, 18^2\})$	288
18	$\mathcal{O}(0; \{2^5, 3^4, 6^3, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{2, 3^7, 6^3, 9, 18^2\})$	18432
18	$\mathcal{O}(0; \{2^6, 3^2, 6^4, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{2^2, 3^5, 6^4, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{2^7, 6^5, 9, 18^2\})$	576
18	$\mathcal{O}(0; \{2^3, 3^3, 6^5, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{2^4, 3, 6^6, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{3^4, 6^6, 9, 18^2\})$	18432
18	$\mathcal{O}(0; \{2, 3^2, 6^7, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{2^2, 6^8, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{2^{10}, 9^4, 18^2\})$	5346
18	$\mathcal{O}(0; \{2^6, 3^3, 9^4, 18^2\})$	42768
18	$\mathcal{O}(0; \{2^2, 3^6, 9^4, 18^2\})$	342144

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^7, 3, 6, 9^4, 18^2\})$	21384
18	$\mathcal{O}(0; \{2^3, 3^4, 6, 9^4, 18^2\})$	171072
18	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 9^4, 18^2\})$	85536
18	$\mathcal{O}(0; \{3^5, 6^2, 9^4, 18^2\})$	684288
18	$\mathcal{O}(0; \{2^5, 6^3, 9^4, 18^2\})$	42768
18	$\mathcal{O}(0; \{2, 3^3, 6^3, 9^4, 18^2\})$	342144
18	$\mathcal{O}(0; \{2^2, 3, 6^4, 9^4, 18^2\})$	171072
18	$\mathcal{O}(0; \{6^6, 9^4, 18^2\})$	342144
18	$\mathcal{O}(0; \{2^2, 3^2, 9^7, 18^2\})$	4461480
18	$\mathcal{O}(0; \{2^3, 6, 9^7, 18^2\})$	2230740
18	$\mathcal{O}(0; \{3, 6^2, 9^7, 18^2\})$	8922960
18	$\mathcal{O}(0; \{2^9, 3^2, 9^2, 18^3\})$	3240
18	$\mathcal{O}(0; \{2^5, 3^5, 9^2, 18^3\})$	25920
18	$\mathcal{O}(0; \{2, 3^8, 9^2, 18^3\})$	207360
18	$\mathcal{O}(0; \{2^{10}, 6, 9^2, 18^3\})$	1620
18	$\mathcal{O}(0; \{2^6, 3^3, 6, 9^2, 18^3\})$	12960
18	$\mathcal{O}(0; \{2^2, 3^6, 6, 9^2, 18^3\})$	103680
18	$\mathcal{O}(0; \{2^7, 3, 6^2, 9^2, 18^3\})$	6480
18	$\mathcal{O}(0; \{2^3, 3^4, 6^2, 9^2, 18^3\})$	51840
18	$\mathcal{O}(0; \{2^4, 3^2, 6^3, 9^2, 18^3\})$	25920
18	$\mathcal{O}(0; \{3^5, 6^3, 9^2, 18^3\})$	207360
18	$\mathcal{O}(0; \{2^5, 6^4, 9^2, 18^3\})$	12960
18	$\mathcal{O}(0; \{2, 3^3, 6^4, 9^2, 18^3\})$	103680
18	$\mathcal{O}(0; \{2^2, 3, 6^5, 9^2, 18^3\})$	51840
18	$\mathcal{O}(0; \{6^7, 9^2, 18^3\})$	103680
18	$\mathcal{O}(0; \{2^5, 3, 9^5, 18^3\})$	376164
18	$\mathcal{O}(0; \{2, 3^4, 9^5, 18^3\})$	3009312
18	$\mathcal{O}(0; \{2^2, 3^2, 6, 9^5, 18^3\})$	1504656
18	$\mathcal{O}(0; \{2^3, 6^2, 9^5, 18^3\})$	752328
18	$\mathcal{O}(0; \{3, 6^3, 9^5, 18^3\})$	3009312
18	$\mathcal{O}(0; \{2, 9^8, 18^3\})$	40271418
18	$\mathcal{O}(0; \{2^{12}, 3, 18^4\})$	324
18	$\mathcal{O}(0; \{2^8, 3^4, 18^4\})$	2592
18	$\mathcal{O}(0; \{2^4, 3^7, 18^4\})$	20736
18	$\mathcal{O}(0; \{3^{10}, 18^4\})$	165888
18	$\mathcal{O}(0; \{2^9, 3^2, 6, 18^4\})$	1296
18	$\mathcal{O}(0; \{2^5, 3^5, 6, 18^4\})$	10368
18	$\mathcal{O}(0; \{2, 3^8, 6, 18^4\})$	82944
18	$\mathcal{O}(0; \{2^{10}, 6^2, 18^4\})$	648
18	$\mathcal{O}(0; \{2^6, 3^3, 6^2, 18^4\})$	5184
18	$\mathcal{O}(0; \{2^2, 3^6, 6^2, 18^4\})$	41472
18	$\mathcal{O}(0; \{2^7, 3, 6^3, 18^4\})$	2592
18	$\mathcal{O}(0; \{2^3, 3^4, 6^3, 18^4\})$	20736

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^4, 3^2, 6^4, 18^4\})$	10368
18	$\mathcal{O}(0; \{3^5, 6^4, 18^4\})$	82944
18	$\mathcal{O}(0; \{2^5, 6^5, 18^4\})$	5184
18	$\mathcal{O}(0; \{2, 3^3, 6^5, 18^4\})$	41472
18	$\mathcal{O}(0; \{2^2, 3, 6^6, 18^4\})$	20736
18	$\mathcal{O}(0; \{6^8, 18^4\})$	41472
18	$\mathcal{O}(0; \{2^8, 9^3, 18^4\})$	30618
18	$\mathcal{O}(0; \{2^4, 3^3, 9^3, 18^4\})$	244944
18	$\mathcal{O}(0; \{3^6, 9^3, 18^4\})$	1959552
18	$\mathcal{O}(0; \{2^5, 3, 6, 9^3, 18^4\})$	122472
18	$\mathcal{O}(0; \{2, 3^4, 6, 9^3, 18^4\})$	979776
18	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 9^3, 18^4\})$	489888
18	$\mathcal{O}(0; \{2^3, 6^3, 9^3, 18^4\})$	244944
18	$\mathcal{O}(0; \{3, 6^4, 9^3, 18^4\})$	979776
18	$\mathcal{O}(0; \{3^2, 9^6, 18^4\})$	26926344
18	$\mathcal{O}(0; \{2, 6, 9^6, 18^4\})$	13463172
18	$\mathcal{O}(0; \{2^7, 3^2, 9, 18^5\})$	21384
18	$\mathcal{O}(0; \{2^3, 3^5, 9, 18^5\})$	171072
18	$\mathcal{O}(0; \{2^8, 6, 9, 18^5\})$	10692
18	$\mathcal{O}(0; \{2^4, 3^3, 6, 9, 18^5\})$	85536
18	$\mathcal{O}(0; \{3^6, 6, 9, 18^5\})$	684288
18	$\mathcal{O}(0; \{2^5, 3, 6^2, 9, 18^5\})$	42768
18	$\mathcal{O}(0; \{2, 3^4, 6^2, 9, 18^5\})$	342144
18	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 9, 18^5\})$	171072
18	$\mathcal{O}(0; \{2^3, 6^4, 9, 18^5\})$	85536
18	$\mathcal{O}(0; \{3, 6^5, 9, 18^5\})$	342144
18	$\mathcal{O}(0; \{2^3, 3, 9^4, 18^5\})$	2230740
18	$\mathcal{O}(0; \{3^2, 6, 9^4, 18^5\})$	8922960
18	$\mathcal{O}(0; \{2, 6^2, 9^4, 18^5\})$	4461480
18	$\mathcal{O}(0; \{2^6, 9^2, 18^6\})$	188082
18	$\mathcal{O}(0; \{2^2, 3^3, 9^2, 18^6\})$	1504656
18	$\mathcal{O}(0; \{2^3, 3, 6, 9^2, 18^6\})$	752328
18	$\mathcal{O}(0; \{3^2, 6^2, 9^2, 18^6\})$	3009312
18	$\mathcal{O}(0; \{2, 6^3, 9^2, 18^6\})$	1504656
18	$\mathcal{O}(0; \{2^5, 3^2, 18^7\})$	122472
18	$\mathcal{O}(0; \{2, 3^5, 18^7\})$	979776
18	$\mathcal{O}(0; \{2^6, 6, 18^7\})$	61236
18	$\mathcal{O}(0; \{2^2, 3^3, 6, 18^7\})$	489888
18	$\mathcal{O}(0; \{2^3, 3, 6^2, 18^7\})$	244944
18	$\mathcal{O}(0; \{3^2, 6^3, 18^7\})$	979776
18	$\mathcal{O}(0; \{2, 6^4, 18^7\})$	489888
18	$\mathcal{O}(0; \{2, 3, 9^3, 18^7\})$	13463172
18	$\mathcal{O}(0; \{2^4, 9, 18^8\})$	1115370

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{3^3, 9, 18^8\})$	8922960
18	$\mathcal{O}(0; \{2, 3, 6, 9, 18^8\})$	4461480
18	$\mathcal{O}(0; \{2^2, 18^{10}\})$	6731586
19	$\mathcal{O}(5; \emptyset)$	6131066257800
20	$\mathcal{O}(4; \{5^2\})$	102000000000
20	$\mathcal{O}(3; \{2^4, 5^2\})$	252000000
20	$\mathcal{O}(3; \{2, 4^2, 5^2\})$	512000000
20	$\mathcal{O}(3; \{2^2, 5, 10^2\})$	756000000
20	$\mathcal{O}(3; \{10^4\})$	3276000000
20	$\mathcal{O}(3; \{2^2, 4, 10, 20\})$	512000000
20	$\mathcal{O}(3; \{5, 10, 20^2\})$	6656000000
20	$\mathcal{O}(3; \{4, 20^3\})$	6144000000
20	$\mathcal{O}(2; \{2^8, 5^2\})$	600000
20	$\mathcal{O}(2; \{2^5, 4^2, 5^2\})$	1280000
20	$\mathcal{O}(2; \{2^2, 4^4, 5^2\})$	5120000
20	$\mathcal{O}(2; \{5^7\})$	491400000
20	$\mathcal{O}(2; \{2^3, 5^4, 10\})$	30600000
20	$\mathcal{O}(2; \{4^2, 5^4, 10\})$	65280000
20	$\mathcal{O}(2; \{2^6, 5, 10^2\})$	1800000
20	$\mathcal{O}(2; \{2^3, 4^2, 5, 10^2\})$	3840000
20	$\mathcal{O}(2; \{4^4, 5, 10^2\})$	15360000
20	$\mathcal{O}(2; \{2, 5^3, 10^3\})$	123000000
20	$\mathcal{O}(2; \{2^4, 10^4\})$	7800000
20	$\mathcal{O}(2; \{2, 4^2, 10^4\})$	16640000
20	$\mathcal{O}(2; \{2^3, 4, 5^3, 20\})$	16640000
20	$\mathcal{O}(2; \{4^3, 5^3, 20\})$	66560000
20	$\mathcal{O}(2; \{2^6, 4, 10, 20\})$	1280000
20	$\mathcal{O}(2; \{2^3, 4^3, 10, 20\})$	5120000
20	$\mathcal{O}(2; \{4^5, 10, 20\})$	20480000
20	$\mathcal{O}(2; \{2, 4, 5^2, 10^2, 20\})$	65280000
20	$\mathcal{O}(2; \{2, 5^4, 20^2\})$	262400000
20	$\mathcal{O}(2; \{2^4, 5, 10, 20^2\})$	16640000
20	$\mathcal{O}(2; \{2, 4^2, 5, 10, 20^2\})$	66560000
20	$\mathcal{O}(2; \{2^2, 10^3, 20^2\})$	65280000
20	$\mathcal{O}(2; \{2^4, 4, 20^3\})$	15360000
20	$\mathcal{O}(2; \{2, 4^3, 20^3\})$	61440000
20	$\mathcal{O}(2; \{2^2, 5, 20^4\})$	261120000
20	$\mathcal{O}(2; \{10^2, 20^4\})$	1049600000
20	$\mathcal{O}(1; \{2^{12}, 5^2\})$	1200
20	$\mathcal{O}(1; \{2^9, 4^2, 5^2\})$	3200
20	$\mathcal{O}(1; \{2^6, 4^4, 5^2\})$	12800
20	$\mathcal{O}(1; \{2^3, 4^6, 5^2\})$	51200
20	$\mathcal{O}(1; \{4^8, 5^2\})$	204800

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{2^4, 5^7\})$	982800
20	$\mathcal{O}(1; \{2, 4^2, 5^7\})$	2620800
20	$\mathcal{O}(1; \{2^7, 5^4, 10\})$	61200
20	$\mathcal{O}(1; \{2^4, 4^2, 5^4, 10\})$	163200
20	$\mathcal{O}(1; \{2, 4^4, 5^4, 10\})$	652800
20	$\mathcal{O}(1; \{2^{10}, 5, 10^2\})$	3600
20	$\mathcal{O}(1; \{2^7, 4^2, 5, 10^2\})$	9600
20	$\mathcal{O}(1; \{2^4, 4^4, 5, 10^2\})$	38400
20	$\mathcal{O}(1; \{2, 4^6, 5, 10^2\})$	153600
20	$\mathcal{O}(1; \{2^2, 5^6, 10^2\})$	3932400
20	$\mathcal{O}(1; \{2^5, 5^3, 10^3\})$	246000
20	$\mathcal{O}(1; \{2^2, 4^2, 5^3, 10^3\})$	656000
20	$\mathcal{O}(1; \{2^8, 10^4\})$	15600
20	$\mathcal{O}(1; \{2^5, 4^2, 10^4\})$	41600
20	$\mathcal{O}(1; \{2^2, 4^4, 10^4\})$	166400
20	$\mathcal{O}(1; \{5^5, 10^4\})$	15728400
20	$\mathcal{O}(1; \{2^3, 5^2, 10^5\})$	982800
20	$\mathcal{O}(1; \{4^2, 5^2, 10^5\})$	2620800
20	$\mathcal{O}(1; \{2, 5, 10^7\})$	3932400
20	$\mathcal{O}(1; \{2^7, 4, 5^3, 20\})$	41600
20	$\mathcal{O}(1; \{2^4, 4^3, 5^3, 20\})$	166400
20	$\mathcal{O}(1; \{2, 4^5, 5^3, 20\})$	665600
20	$\mathcal{O}(1; \{2^{10}, 4, 10, 20\})$	3200
20	$\mathcal{O}(1; \{2^7, 4^3, 10, 20\})$	12800
20	$\mathcal{O}(1; \{2^4, 4^5, 10, 20\})$	51200
20	$\mathcal{O}(1; \{2, 4^7, 10, 20\})$	204800
20	$\mathcal{O}(1; \{2^2, 4, 5^5, 10, 20\})$	2620800
20	$\mathcal{O}(1; \{2^5, 4, 5^2, 10^2, 20\})$	163200
20	$\mathcal{O}(1; \{2^2, 4^3, 5^2, 10^2, 20\})$	652800
20	$\mathcal{O}(1; \{4, 5^4, 10^3, 20\})$	10486400
20	$\mathcal{O}(1; \{2^3, 4, 5, 10^4, 20\})$	656000
20	$\mathcal{O}(1; \{4^3, 5, 10^4, 20\})$	2624000
20	$\mathcal{O}(1; \{2, 4, 10^6, 20\})$	2620800
20	$\mathcal{O}(1; \{2^5, 5^4, 20^2\})$	656000
20	$\mathcal{O}(1; \{2^2, 4^2, 5^4, 20^2\})$	2624000
20	$\mathcal{O}(1; \{2^8, 5, 10, 20^2\})$	41600
20	$\mathcal{O}(1; \{2^5, 4^2, 5, 10, 20^2\})$	166400
20	$\mathcal{O}(1; \{2^2, 4^4, 5, 10, 20^2\})$	665600
20	$\mathcal{O}(1; \{5^6, 10, 20^2\})$	41942400
20	$\mathcal{O}(1; \{2^3, 5^3, 10^2, 20^2\})$	2620800
20	$\mathcal{O}(1; \{4^2, 5^3, 10^2, 20^2\})$	10483200
20	$\mathcal{O}(1; \{2^6, 10^3, 20^2\})$	163200
20	$\mathcal{O}(1; \{2^3, 4^2, 10^3, 20^2\})$	652800

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{4^4, 10^3, 20^2\})$	2611200
20	$\mathcal{O}(1; \{2, 5^2, 10^4, 20^2\})$	10486400
20	$\mathcal{O}(1; \{2^8, 4, 20^3\})$	38400
20	$\mathcal{O}(1; \{2^5, 4^3, 20^3\})$	153600
20	$\mathcal{O}(1; \{2^2, 4^5, 20^3\})$	614400
20	$\mathcal{O}(1; \{4, 5^5, 20^3\})$	41945600
20	$\mathcal{O}(1; \{2^3, 4, 5^2, 10, 20^3\})$	2624000
20	$\mathcal{O}(1; \{4^3, 5^2, 10, 20^3\})$	10496000
20	$\mathcal{O}(1; \{2, 4, 5, 10^3, 20^3\})$	10483200
20	$\mathcal{O}(1; \{2^6, 5, 20^4\})$	652800
20	$\mathcal{O}(1; \{2^3, 4^2, 5, 20^4\})$	2611200
20	$\mathcal{O}(1; \{4^4, 5, 20^4\})$	10444800
20	$\mathcal{O}(1; \{2, 5^3, 10, 20^4\})$	41945600
20	$\mathcal{O}(1; \{2^4, 10^2, 20^4\})$	2624000
20	$\mathcal{O}(1; \{2, 4^2, 10^2, 20^4\})$	10496000
20	$\mathcal{O}(1; \{2, 4, 5^2, 20^5\})$	41932800
20	$\mathcal{O}(1; \{2^2, 10, 20^6\})$	41932800
20	$\mathcal{O}(1; \{20^8\})$	671129600
20	$\mathcal{O}(0; \{2^{13}, 4^2, 5^2\})$	8
20	$\mathcal{O}(0; \{2^{10}, 4^4, 5^2\})$	32
20	$\mathcal{O}(0; \{2^7, 4^6, 5^2\})$	128
20	$\mathcal{O}(0; \{2^4, 4^8, 5^2\})$	512
20	$\mathcal{O}(0; \{2, 4^{10}, 5^2\})$	2048
20	$\mathcal{O}(0; \{2^5, 4^2, 5^7\})$	6552
20	$\mathcal{O}(0; \{2^2, 4^4, 5^7\})$	26208
20	$\mathcal{O}(0; \{2^8, 4^2, 5^4, 10\})$	408
20	$\mathcal{O}(0; \{2^5, 4^4, 5^4, 10\})$	1632
20	$\mathcal{O}(0; \{2^2, 4^6, 5^4, 10\})$	6528
20	$\mathcal{O}(0; \{4^2, 5^9, 10\})$	419432
20	$\mathcal{O}(0; \{2^{11}, 4^2, 5, 10^2\})$	24
20	$\mathcal{O}(0; \{2^8, 4^4, 5, 10^2\})$	96
20	$\mathcal{O}(0; \{2^5, 4^6, 5, 10^2\})$	384
20	$\mathcal{O}(0; \{2^2, 4^8, 5, 10^2\})$	1536
20	$\mathcal{O}(0; \{2^3, 4^2, 5^6, 10^2\})$	26216
20	$\mathcal{O}(0; \{4^4, 5^6, 10^2\})$	104864
20	$\mathcal{O}(0; \{2^6, 4^2, 5^3, 10^3\})$	1640
20	$\mathcal{O}(0; \{2^3, 4^4, 5^3, 10^3\})$	6560
20	$\mathcal{O}(0; \{4^6, 5^3, 10^3\})$	26240
20	$\mathcal{O}(0; \{2^9, 4^2, 10^4\})$	104
20	$\mathcal{O}(0; \{2^6, 4^4, 10^4\})$	416
20	$\mathcal{O}(0; \{2^3, 4^6, 10^4\})$	1664
20	$\mathcal{O}(0; \{4^8, 10^4\})$	6656
20	$\mathcal{O}(0; \{2, 4^2, 5^5, 10^4\})$	104856

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^4, 4^2, 5^2, 10^5\})$	6552
20	$\mathcal{O}(0; \{2, 4^4, 5^2, 10^5\})$	26208
20	$\mathcal{O}(0; \{2^2, 4^2, 5, 10^7\})$	26216
20	$\mathcal{O}(0; \{4^2, 10^9\})$	104856
20	$\mathcal{O}(0; \{2^{11}, 4, 5^3, 20\})$	104
20	$\mathcal{O}(0; \{2^8, 4^3, 5^3, 20\})$	416
20	$\mathcal{O}(0; \{2^5, 4^5, 5^3, 20\})$	1664
20	$\mathcal{O}(0; \{2^2, 4^7, 5^3, 20\})$	6656
20	$\mathcal{O}(0; \{2^3, 4, 5^8, 20\})$	104856
20	$\mathcal{O}(0; \{4^3, 5^8, 20\})$	419424
20	$\mathcal{O}(0; \{2^{14}, 4, 10, 20\})$	8
20	$\mathcal{O}(0; \{2^{11}, 4^3, 10, 20\})$	32
20	$\mathcal{O}(0; \{2^8, 4^5, 10, 20\})$	128
20	$\mathcal{O}(0; \{2^5, 4^7, 10, 20\})$	512
20	$\mathcal{O}(0; \{2^2, 4^9, 10, 20\})$	2048
20	$\mathcal{O}(0; \{2^6, 4, 5^5, 10, 20\})$	6552
20	$\mathcal{O}(0; \{2^3, 4^3, 5^5, 10, 20\})$	26208
20	$\mathcal{O}(0; \{4^5, 5^5, 10, 20\})$	104832
20	$\mathcal{O}(0; \{2^9, 4, 5^2, 10^2, 20\})$	408
20	$\mathcal{O}(0; \{2^6, 4^3, 5^2, 10^2, 20\})$	1632
20	$\mathcal{O}(0; \{2^3, 4^5, 5^2, 10^2, 20\})$	6528
20	$\mathcal{O}(0; \{4^7, 5^2, 10^2, 20\})$	26112
20	$\mathcal{O}(0; \{2, 4, 5^7, 10^2, 20\})$	419432
20	$\mathcal{O}(0; \{2^4, 4, 5^4, 10^3, 20\})$	26216
20	$\mathcal{O}(0; \{2, 4^3, 5^4, 10^3, 20\})$	104864
20	$\mathcal{O}(0; \{2^7, 4, 5, 10^4, 20\})$	1640
20	$\mathcal{O}(0; \{2^4, 4^3, 5, 10^4, 20\})$	6560
20	$\mathcal{O}(0; \{2, 4^5, 5, 10^4, 20\})$	26240
20	$\mathcal{O}(0; \{2^2, 4, 5^3, 10^5, 20\})$	104856
20	$\mathcal{O}(0; \{2^5, 4, 10^6, 20\})$	6552
20	$\mathcal{O}(0; \{2^2, 4^3, 10^6, 20\})$	26208
20	$\mathcal{O}(0; \{4, 5^2, 10^7, 20\})$	419432
20	$\mathcal{O}(0; \{2^9, 5^4, 20^2\})$	1640
20	$\mathcal{O}(0; \{2^6, 4^2, 5^4, 20^2\})$	6560
20	$\mathcal{O}(0; \{2^3, 4^4, 5^4, 20^2\})$	26240
20	$\mathcal{O}(0; \{4^6, 5^4, 20^2\})$	104960
20	$\mathcal{O}(0; \{2, 5^9, 20^2\})$	1677720
20	$\mathcal{O}(0; \{2^{12}, 5, 10, 20^2\})$	104
20	$\mathcal{O}(0; \{2^9, 4^2, 5, 10, 20^2\})$	416
20	$\mathcal{O}(0; \{2^6, 4^4, 5, 10, 20^2\})$	1664
20	$\mathcal{O}(0; \{2^3, 4^6, 5, 10, 20^2\})$	6656
20	$\mathcal{O}(0; \{4^8, 5, 10, 20^2\})$	26624
20	$\mathcal{O}(0; \{2^4, 5^6, 10, 20^2\})$	104856

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2, 4^2, 5^6, 10, 20^2\})$	419424
20	$\mathcal{O}(0; \{2^7, 5^3, 10^2, 20^2\})$	6552
20	$\mathcal{O}(0; \{2^4, 4^2, 5^3, 10^2, 20^2\})$	26208
20	$\mathcal{O}(0; \{2, 4^4, 5^3, 10^2, 20^2\})$	104832
20	$\mathcal{O}(0; \{2^{10}, 10^3, 20^2\})$	408
20	$\mathcal{O}(0; \{2^7, 4^2, 10^3, 20^2\})$	1632
20	$\mathcal{O}(0; \{2^4, 4^4, 10^3, 20^2\})$	6528
20	$\mathcal{O}(0; \{2, 4^6, 10^3, 20^2\})$	26112
20	$\mathcal{O}(0; \{2^2, 5^5, 10^3, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^5, 5^2, 10^4, 20^2\})$	26216
20	$\mathcal{O}(0; \{2^2, 4^2, 5^2, 10^4, 20^2\})$	104864
20	$\mathcal{O}(0; \{5^4, 10^5, 20^2\})$	1677720
20	$\mathcal{O}(0; \{2^3, 5, 10^6, 20^2\})$	104856
20	$\mathcal{O}(0; \{4^2, 5, 10^6, 20^2\})$	419424
20	$\mathcal{O}(0; \{2, 10^8, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^{12}, 4, 20^3\})$	96
20	$\mathcal{O}(0; \{2^9, 4^3, 20^3\})$	384
20	$\mathcal{O}(0; \{2^6, 4^5, 20^3\})$	1536
20	$\mathcal{O}(0; \{2^3, 4^7, 20^3\})$	6144
20	$\mathcal{O}(0; \{4^9, 20^3\})$	24576
20	$\mathcal{O}(0; \{2^4, 4, 5^5, 20^3\})$	104864
20	$\mathcal{O}(0; \{2, 4^3, 5^5, 20^3\})$	419456
20	$\mathcal{O}(0; \{2^7, 4, 5^2, 10, 20^3\})$	6560
20	$\mathcal{O}(0; \{2^4, 4^3, 5^2, 10, 20^3\})$	26240
20	$\mathcal{O}(0; \{2, 4^5, 5^2, 10, 20^3\})$	104960
20	$\mathcal{O}(0; \{2^2, 4, 5^4, 10^2, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^5, 4, 5, 10^3, 20^3\})$	26208
20	$\mathcal{O}(0; \{2^2, 4^3, 5, 10^3, 20^3\})$	104832
20	$\mathcal{O}(0; \{4, 5^3, 10^4, 20^3\})$	1677728
20	$\mathcal{O}(0; \{2^3, 4, 10^5, 20^3\})$	104864
20	$\mathcal{O}(0; \{4^3, 10^5, 20^3\})$	419456
20	$\mathcal{O}(0; \{2^{10}, 5, 20^4\})$	1632
20	$\mathcal{O}(0; \{2^7, 4^2, 5, 20^4\})$	6528
20	$\mathcal{O}(0; \{2^4, 4^4, 5, 20^4\})$	26112
20	$\mathcal{O}(0; \{2, 4^6, 5, 20^4\})$	104448
20	$\mathcal{O}(0; \{2^2, 5^6, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^5, 5^3, 10, 20^4\})$	104864
20	$\mathcal{O}(0; \{2^2, 4^2, 5^3, 10, 20^4\})$	419456
20	$\mathcal{O}(0; \{2^8, 10^2, 20^4\})$	6560
20	$\mathcal{O}(0; \{2^5, 4^2, 10^2, 20^4\})$	26240
20	$\mathcal{O}(0; \{2^2, 4^4, 10^2, 20^4\})$	104960
20	$\mathcal{O}(0; \{5^5, 10^2, 20^4\})$	6710880
20	$\mathcal{O}(0; \{2^3, 5^2, 10^3, 20^4\})$	419424

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{4^2, 5^2, 10^3, 20^4\})$	1677696
20	$\mathcal{O}(0; \{2, 5, 10^5, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^5, 4, 5^2, 20^5\})$	104832
20	$\mathcal{O}(0; \{2^2, 4^3, 5^2, 20^5\})$	419328
20	$\mathcal{O}(0; \{4, 5^4, 10, 20^5\})$	6710912
20	$\mathcal{O}(0; \{2^3, 4, 5, 10^2, 20^5\})$	419456
20	$\mathcal{O}(0; \{4^3, 5, 10^2, 20^5\})$	1677824
20	$\mathcal{O}(0; \{2, 4, 10^4, 20^5\})$	1677696
20	$\mathcal{O}(0; \{2^3, 5^3, 20^6\})$	1677696
20	$\mathcal{O}(0; \{4^2, 5^3, 20^6\})$	6710784
20	$\mathcal{O}(0; \{2^6, 10, 20^6\})$	104832
20	$\mathcal{O}(0; \{2^3, 4^2, 10, 20^6\})$	419328
20	$\mathcal{O}(0; \{4^4, 10, 20^6\})$	1677312
20	$\mathcal{O}(0; \{2, 5^2, 10^2, 20^6\})$	6710912
20	$\mathcal{O}(0; \{2, 4, 5, 10, 20^7\})$	6710784
20	$\mathcal{O}(0; \{2^4, 20^8\})$	1677824
20	$\mathcal{O}(0; \{2, 4^2, 20^8\})$	6711296
21	$\mathcal{O}(3; \{3^2, 21^2\})$	3087580356
21	$\mathcal{O}(2; \{3^4, 7^3\})$	35006580
21	$\mathcal{O}(2; \{3^5, 21^2\})$	49009212
21	$\mathcal{O}(2; \{3, 7^2, 21^3\})$	1295243460
21	$\mathcal{O}(1; \{3^7, 7^3\})$	555660
21	$\mathcal{O}(1; \{3^3, 7^5, 21\})$	17638236
21	$\mathcal{O}(1; \{3^8, 21^2\})$	904932
21	$\mathcal{O}(1; \{3^4, 7^2, 21^3\})$	20559420
21	$\mathcal{O}(1; \{7^4, 21^4\})$	634897116
21	$\mathcal{O}(1; \{3, 7, 21^6\})$	740694780
21	$\mathcal{O}(0; \{3^{10}, 7^3\})$	10260
21	$\mathcal{O}(0; \{3^6, 7^5, 21\})$	279972
21	$\mathcal{O}(0; \{3^{11}, 21^2\})$	16380
21	$\mathcal{O}(0; \{3^2, 7^7, 21^2\})$	8638020
21	$\mathcal{O}(0; \{3^7, 7^2, 21^3\})$	379620
21	$\mathcal{O}(0; \{3^3, 7^4, 21^4\})$	10077732
21	$\mathcal{O}(0; \{3^4, 7, 21^6\})$	13676580
21	$\mathcal{O}(0; \{7^3, 21^7\})$	362797092
21	$\mathcal{O}(0; \{3, 21^9\})$	492367140
22	$\mathcal{O}(3; \{2^2, 22^2\})$	1133799040
22	$\mathcal{O}(2; \{2^6, 22^2\})$	2342560
22	$\mathcal{O}(1; \{2, 11^6, 22\})$	439999560
22	$\mathcal{O}(1; \{2^{10}, 22^2\})$	4840
22	$\mathcal{O}(0; \{2^5, 11^6, 22\})$	909090
22	$\mathcal{O}(0; \{2^{14}, 22^2\})$	10
22	$\mathcal{O}(0; \{2^3, 11^5, 22^3\})$	9090910

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
22	$\mathcal{O}(0; \{2, 11^4, 22^5\})$	90909090
23	$\mathcal{O}(0; \{23^9\})$	52489965990
24	$\mathcal{O}(3; \{2^2, 3^2\})$	376233984
24	$\mathcal{O}(3; \{3, 6^2\})$	376233984
24	$\mathcal{O}(3; \{3, 4, 12\})$	752467968
24	$\mathcal{O}(3; \{2, 12^2\})$	752467968
24	$\mathcal{O}(2; \{2^6, 3^2\})$	622080
24	$\mathcal{O}(2; \{2^2, 3^5\})$	3110400
24	$\mathcal{O}(2; \{2^3, 3^2, 4^2\})$	1244160
24	$\mathcal{O}(2; \{3^2, 4^4\})$	4976640
24	$\mathcal{O}(2; \{2^3, 3^3, 6\})$	1866240
24	$\mathcal{O}(2; \{3^3, 4^2, 6\})$	3732480
24	$\mathcal{O}(2; \{2^4, 3, 6^2\})$	622080
24	$\mathcal{O}(2; \{3^4, 6^2\})$	6842880
24	$\mathcal{O}(2; \{2, 3, 4^2, 6^2\})$	1244160
24	$\mathcal{O}(2; \{2, 3^2, 6^3\})$	3110400
24	$\mathcal{O}(2; \{2^2, 6^4\})$	1866240
24	$\mathcal{O}(2; \{2, 3^2, 4, 8^2\})$	5308416
24	$\mathcal{O}(2; \{2^4, 3, 4, 12\})$	1244160
24	$\mathcal{O}(2; \{3^4, 4, 12\})$	6220800
24	$\mathcal{O}(2; \{2, 3, 4^3, 12\})$	4976640
24	$\mathcal{O}(2; \{2, 3^2, 4, 6, 12\})$	3732480
24	$\mathcal{O}(2; \{2^2, 4, 6^2, 12\})$	1244160
24	$\mathcal{O}(2; \{2^2, 3, 8^2, 12\})$	5308416
24	$\mathcal{O}(2; \{6^2, 8^2, 12\})$	5308416
24	$\mathcal{O}(2; \{2^5, 12^2\})$	1244160
24	$\mathcal{O}(2; \{2, 3^3, 12^2\})$	6220800
24	$\mathcal{O}(2; \{2^2, 4^2, 12^2\})$	4976640
24	$\mathcal{O}(2; \{2^2, 3, 6, 12^2\})$	3732480
24	$\mathcal{O}(2; \{6^3, 12^2\})$	6220800
24	$\mathcal{O}(2; \{4, 8^2, 12^2\})$	21233664
24	$\mathcal{O}(2; \{4, 6, 12^3\})$	14929920
24	$\mathcal{O}(2; \{3, 12^4\})$	24883200
24	$\mathcal{O}(2; \{2, 3^3, 8, 24\})$	7962624
24	$\mathcal{O}(2; \{2^2, 3, 6, 8, 24\})$	2654208
24	$\mathcal{O}(2; \{6^3, 8, 24\})$	7962624
24	$\mathcal{O}(2; \{4, 6, 8, 12, 24\})$	10616832
24	$\mathcal{O}(2; \{3, 8, 12^2, 24\})$	31850496
24	$\mathcal{O}(2; \{2^2, 3, 4, 24^2\})$	5308416
24	$\mathcal{O}(2; \{4, 6^2, 24^2\})$	15925248
24	$\mathcal{O}(2; \{3, 8^2, 24^2\})$	42467328
24	$\mathcal{O}(2; \{2^3, 12, 24^2\})$	5308416
24	$\mathcal{O}(2; \{4^2, 12, 24^2\})$	21233664

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{3, 6, 12, 24^2\})$	26542080
24	$\mathcal{O}(2; \{2, 24^4\})$	127401984
24	$\mathcal{O}(1; \{2^{10}, 3^2\})$	864
24	$\mathcal{O}(1; \{2^6, 3^5\})$	4320
24	$\mathcal{O}(1; \{2^2, 3^8\})$	37152
24	$\mathcal{O}(1; \{2^7, 3^2, 4^2\})$	1728
24	$\mathcal{O}(1; \{2^3, 3^5, 4^2\})$	8640
24	$\mathcal{O}(1; \{2^4, 3^2, 4^4\})$	6912
24	$\mathcal{O}(1; \{3^5, 4^4\})$	34560
24	$\mathcal{O}(1; \{2, 3^2, 4^6\})$	27648
24	$\mathcal{O}(1; \{2^7, 3^3, 6\})$	2592
24	$\mathcal{O}(1; \{2^3, 3^6, 6\})$	18144
24	$\mathcal{O}(1; \{2^4, 3^3, 4^2, 6\})$	5184
24	$\mathcal{O}(1; \{3^6, 4^2, 6\})$	36288
24	$\mathcal{O}(1; \{2, 3^3, 4^4, 6\})$	20736
24	$\mathcal{O}(1; \{2^8, 3, 6^2\})$	864
24	$\mathcal{O}(1; \{2^4, 3^4, 6^2\})$	9504
24	$\mathcal{O}(1; \{3^7, 6^2\})$	73440
24	$\mathcal{O}(1; \{2^5, 3, 4^2, 6^2\})$	1728
24	$\mathcal{O}(1; \{2, 3^4, 4^2, 6^2\})$	19008
24	$\mathcal{O}(1; \{2^2, 3, 4^4, 6^2\})$	6912
24	$\mathcal{O}(1; \{2^5, 3^2, 6^3\})$	4320
24	$\mathcal{O}(1; \{2, 3^5, 6^3\})$	37152
24	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^3\})$	8640
24	$\mathcal{O}(1; \{2^6, 6^4\})$	2592
24	$\mathcal{O}(1; \{2^2, 3^3, 6^4\})$	18144
24	$\mathcal{O}(1; \{2^3, 4^2, 6^4\})$	5184
24	$\mathcal{O}(1; \{4^4, 6^4\})$	20736
24	$\mathcal{O}(1; \{2^3, 3, 6^5\})$	9504
24	$\mathcal{O}(1; \{3, 4^2, 6^5\})$	19008
24	$\mathcal{O}(1; \{3^2, 6^6\})$	37152
24	$\mathcal{O}(1; \{2, 6^7\})$	18144
24	$\mathcal{O}(1; \{2^5, 3^2, 4, 8^2\})$	9216
24	$\mathcal{O}(1; \{2, 3^5, 4, 8^2\})$	46080
24	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 8^2\})$	36864
24	$\mathcal{O}(1; \{2^2, 3^3, 4, 6, 8^2\})$	27648
24	$\mathcal{O}(1; \{2^3, 3, 4, 6^2, 8^2\})$	9216
24	$\mathcal{O}(1; \{3, 4^3, 6^2, 8^2\})$	36864
24	$\mathcal{O}(1; \{3^2, 4, 6^3, 8^2\})$	46080
24	$\mathcal{O}(1; \{2, 4, 6^4, 8^2\})$	27648
24	$\mathcal{O}(1; \{2^3, 3^2, 8^4\})$	73728
24	$\mathcal{O}(1; \{3^2, 4^2, 8^4\})$	294912
24	$\mathcal{O}(1; \{3^3, 6, 8^4\})$	221184

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2, 3, 6^2, 8^4\})$	73728
24	$\mathcal{O}(1; \{2^8, 3, 4, 12\})$	1728
24	$\mathcal{O}(1; \{2^4, 3^4, 4, 12\})$	8640
24	$\mathcal{O}(1; \{3^7, 4, 12\})$	74304
24	$\mathcal{O}(1; \{2^5, 3, 4^3, 12\})$	6912
24	$\mathcal{O}(1; \{2, 3^4, 4^3, 12\})$	34560
24	$\mathcal{O}(1; \{2^2, 3, 4^5, 12\})$	27648
24	$\mathcal{O}(1; \{2^5, 3^2, 4, 6, 12\})$	5184
24	$\mathcal{O}(1; \{2, 3^5, 4, 6, 12\})$	36288
24	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 6, 12\})$	20736
24	$\mathcal{O}(1; \{2^6, 4, 6^2, 12\})$	1728
24	$\mathcal{O}(1; \{2^2, 3^3, 4, 6^2, 12\})$	19008
24	$\mathcal{O}(1; \{2^3, 4^3, 6^2, 12\})$	6912
24	$\mathcal{O}(1; \{4^5, 6^2, 12\})$	27648
24	$\mathcal{O}(1; \{2^3, 3, 4, 6^3, 12\})$	8640
24	$\mathcal{O}(1; \{3, 4^3, 6^3, 12\})$	34560
24	$\mathcal{O}(1; \{3^2, 4, 6^4, 12\})$	36288
24	$\mathcal{O}(1; \{2, 4, 6^5, 12\})$	19008
24	$\mathcal{O}(1; \{2^6, 3, 8^2, 12\})$	9216
24	$\mathcal{O}(1; \{2^2, 3^4, 8^2, 12\})$	46080
24	$\mathcal{O}(1; \{2^3, 3, 4^2, 8^2, 12\})$	36864
24	$\mathcal{O}(1; \{3, 4^4, 8^2, 12\})$	147456
24	$\mathcal{O}(1; \{2^3, 3^2, 6, 8^2, 12\})$	27648
24	$\mathcal{O}(1; \{3^2, 4^2, 6, 8^2, 12\})$	110592
24	$\mathcal{O}(1; \{2^4, 6^2, 8^2, 12\})$	9216
24	$\mathcal{O}(1; \{3^3, 6^2, 8^2, 12\})$	101376
24	$\mathcal{O}(1; \{2, 4^2, 6^2, 8^2, 12\})$	36864
24	$\mathcal{O}(1; \{2, 3, 6^3, 8^2, 12\})$	46080
24	$\mathcal{O}(1; \{2, 3, 4, 8^4, 12\})$	294912
24	$\mathcal{O}(1; \{2^9, 12^2\})$	1728
24	$\mathcal{O}(1; \{2^5, 3^3, 12^2\})$	8640
24	$\mathcal{O}(1; \{2, 3^6, 12^2\})$	74304
24	$\mathcal{O}(1; \{2^6, 4^2, 12^2\})$	6912
24	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 12^2\})$	34560
24	$\mathcal{O}(1; \{2^3, 4^4, 12^2\})$	27648
24	$\mathcal{O}(1; \{4^6, 12^2\})$	110592
24	$\mathcal{O}(1; \{2^6, 3, 6, 12^2\})$	5184
24	$\mathcal{O}(1; \{2^2, 3^4, 6, 12^2\})$	36288
24	$\mathcal{O}(1; \{2^3, 3, 4^2, 6, 12^2\})$	20736
24	$\mathcal{O}(1; \{3, 4^4, 6, 12^2\})$	82944
24	$\mathcal{O}(1; \{2^3, 3^2, 6^2, 12^2\})$	19008
24	$\mathcal{O}(1; \{3^2, 4^2, 6^2, 12^2\})$	76032
24	$\mathcal{O}(1; \{2^4, 6^3, 12^2\})$	8640

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{3^3, 6^3, 12^2\})$	74304
24	$\mathcal{O}(1; \{2, 4^2, 6^3, 12^2\})$	34560
24	$\mathcal{O}(1; \{2, 3, 6^4, 12^2\})$	36288
24	$\mathcal{O}(1; \{2^4, 4, 8^2, 12^2\})$	36864
24	$\mathcal{O}(1; \{3^3, 4, 8^2, 12^2\})$	184320
24	$\mathcal{O}(1; \{2, 4^3, 8^2, 12^2\})$	147456
24	$\mathcal{O}(1; \{2, 3, 4, 6, 8^2, 12^2\})$	110592
24	$\mathcal{O}(1; \{2^2, 8^4, 12^2\})$	294912
24	$\mathcal{O}(1; \{2^3, 3^2, 4, 12^3\})$	34560
24	$\mathcal{O}(1; \{3^2, 4^3, 12^3\})$	138240
24	$\mathcal{O}(1; \{2^4, 4, 6, 12^3\})$	20736
24	$\mathcal{O}(1; \{3^3, 4, 6, 12^3\})$	145152
24	$\mathcal{O}(1; \{2, 4^3, 6, 12^3\})$	82944
24	$\mathcal{O}(1; \{2, 3, 4, 6^2, 12^3\})$	76032
24	$\mathcal{O}(1; \{2, 3^2, 8^2, 12^3\})$	184320
24	$\mathcal{O}(1; \{2^2, 6, 8^2, 12^3\})$	110592
24	$\mathcal{O}(1; \{2^4, 3, 12^4\})$	34560
24	$\mathcal{O}(1; \{3^4, 12^4\})$	297216
24	$\mathcal{O}(1; \{2, 3, 4^2, 12^4\})$	138240
24	$\mathcal{O}(1; \{2, 3^2, 6, 12^4\})$	145152
24	$\mathcal{O}(1; \{2^2, 6^2, 12^4\})$	76032
24	$\mathcal{O}(1; \{2^2, 4, 12^5\})$	138240
24	$\mathcal{O}(1; \{8^2, 12^5\})$	737280
24	$\mathcal{O}(1; \{6, 12^6\})$	580608
24	$\mathcal{O}(1; \{2^5, 3^3, 8, 24\})$	13824
24	$\mathcal{O}(1; \{2, 3^6, 8, 24\})$	96768
24	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 8, 24\})$	55296
24	$\mathcal{O}(1; \{2^6, 3, 6, 8, 24\})$	4608
24	$\mathcal{O}(1; \{2^2, 3^4, 6, 8, 24\})$	50688
24	$\mathcal{O}(1; \{2^3, 3, 4^2, 6, 8, 24\})$	18432
24	$\mathcal{O}(1; \{3, 4^4, 6, 8, 24\})$	73728
24	$\mathcal{O}(1; \{2^3, 3^2, 6^2, 8, 24\})$	23040
24	$\mathcal{O}(1; \{3^2, 4^2, 6^2, 8, 24\})$	92160
24	$\mathcal{O}(1; \{2^4, 6^3, 8, 24\})$	13824
24	$\mathcal{O}(1; \{3^3, 6^3, 8, 24\})$	96768
24	$\mathcal{O}(1; \{2, 4^2, 6^3, 8, 24\})$	55296
24	$\mathcal{O}(1; \{2, 3, 6^4, 8, 24\})$	50688
24	$\mathcal{O}(1; \{3^3, 4, 8^3, 24\})$	442368
24	$\mathcal{O}(1; \{2, 3, 4, 6, 8^3, 24\})$	147456
24	$\mathcal{O}(1; \{2^3, 3^2, 4, 8, 12, 24\})$	55296
24	$\mathcal{O}(1; \{3^2, 4^3, 8, 12, 24\})$	221184
24	$\mathcal{O}(1; \{2^4, 4, 6, 8, 12, 24\})$	18432
24	$\mathcal{O}(1; \{3^3, 4, 6, 8, 12, 24\})$	202752

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2, 4^3, 6, 8, 12, 24\})$	73728
24	$\mathcal{O}(1; \{2, 3, 4, 6^2, 8, 12, 24\})$	92160
24	$\mathcal{O}(1; \{2, 3^2, 8^3, 12, 24\})$	442368
24	$\mathcal{O}(1; \{2^2, 6, 8^3, 12, 24\})$	147456
24	$\mathcal{O}(1; \{2^4, 3, 8, 12^2, 24\})$	55296
24	$\mathcal{O}(1; \{3^4, 8, 12^2, 24\})$	387072
24	$\mathcal{O}(1; \{2, 3, 4^2, 8, 12^2, 24\})$	221184
24	$\mathcal{O}(1; \{2, 3^2, 6, 8, 12^2, 24\})$	202752
24	$\mathcal{O}(1; \{2^2, 6^2, 8, 12^2, 24\})$	92160
24	$\mathcal{O}(1; \{2^2, 4, 8, 12^3, 24\})$	221184
24	$\mathcal{O}(1; \{8^3, 12^3, 24\})$	1769472
24	$\mathcal{O}(1; \{6, 8, 12^4, 24\})$	811008
24	$\mathcal{O}(1; \{2^6, 3, 4, 24^2\})$	9216
24	$\mathcal{O}(1; \{2^2, 3^4, 4, 24^2\})$	101376
24	$\mathcal{O}(1; \{2^3, 3, 4^3, 24^2\})$	36864
24	$\mathcal{O}(1; \{3, 4^5, 24^2\})$	147456
24	$\mathcal{O}(1; \{2^3, 3^2, 4, 6, 24^2\})$	46080
24	$\mathcal{O}(1; \{3^2, 4^3, 6, 24^2\})$	184320
24	$\mathcal{O}(1; \{2^4, 4, 6^2, 24^2\})$	27648
24	$\mathcal{O}(1; \{3^3, 4, 6^2, 24^2\})$	193536
24	$\mathcal{O}(1; \{2, 4^3, 6^2, 24^2\})$	110592
24	$\mathcal{O}(1; \{2, 3, 4, 6^3, 24^2\})$	101376
24	$\mathcal{O}(1; \{2^4, 3, 8^2, 24^2\})$	73728
24	$\mathcal{O}(1; \{3^4, 8^2, 24^2\})$	811008
24	$\mathcal{O}(1; \{2, 3, 4^2, 8^2, 24^2\})$	294912
24	$\mathcal{O}(1; \{2, 3^2, 6, 8^2, 24^2\})$	368640
24	$\mathcal{O}(1; \{2^2, 6^2, 8^2, 24^2\})$	221184
24	$\mathcal{O}(1; \{2^7, 12, 24^2\})$	9216
24	$\mathcal{O}(1; \{2^3, 3^3, 12, 24^2\})$	101376
24	$\mathcal{O}(1; \{2^4, 4^2, 12, 24^2\})$	36864
24	$\mathcal{O}(1; \{3^3, 4^2, 12, 24^2\})$	405504
24	$\mathcal{O}(1; \{2, 4^4, 12, 24^2\})$	147456
24	$\mathcal{O}(1; \{2^4, 3, 6, 12, 24^2\})$	46080
24	$\mathcal{O}(1; \{3^4, 6, 12, 24^2\})$	396288
24	$\mathcal{O}(1; \{2, 3, 4^2, 6, 12, 24^2\})$	184320
24	$\mathcal{O}(1; \{2, 3^2, 6^2, 12, 24^2\})$	193536
24	$\mathcal{O}(1; \{2^2, 6^3, 12, 24^2\})$	101376
24	$\mathcal{O}(1; \{2^2, 4, 8^2, 12, 24^2\})$	294912
24	$\mathcal{O}(1; \{8^4, 12, 24^2\})$	2359296
24	$\mathcal{O}(1; \{2, 3^2, 4, 12^2, 24^2\})$	405504
24	$\mathcal{O}(1; \{2^2, 4, 6, 12^2, 24^2\})$	184320
24	$\mathcal{O}(1; \{6, 8^2, 12^2, 24^2\})$	1474560
24	$\mathcal{O}(1; \{2^2, 3, 12^3, 24^2\})$	405504

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{6^2, 12^3, 24^2\})$	774144
24	$\mathcal{O}(1; \{4, 12^4, 24^2\})$	1622016
24	$\mathcal{O}(1; \{2, 3^2, 4, 8, 24^3\})$	737280
24	$\mathcal{O}(1; \{2^2, 4, 6, 8, 24^3\})$	442368
24	$\mathcal{O}(1; \{6, 8^3, 24^3\})$	3538944
24	$\mathcal{O}(1; \{2^2, 3, 8, 12, 24^3\})$	737280
24	$\mathcal{O}(1; \{6^2, 8, 12, 24^3\})$	1622016
24	$\mathcal{O}(1; \{4, 8, 12^2, 24^3\})$	2949120
24	$\mathcal{O}(1; \{2^5, 24^4\})$	221184
24	$\mathcal{O}(1; \{2, 3^3, 24^4\})$	1548288
24	$\mathcal{O}(1; \{2^2, 4^2, 24^4\})$	884736
24	$\mathcal{O}(1; \{2^2, 3, 6, 24^4\})$	811008
24	$\mathcal{O}(1; \{6^3, 24^4\})$	1548288
24	$\mathcal{O}(1; \{4, 8^2, 24^4\})$	7077888
24	$\mathcal{O}(1; \{4, 6, 12, 24^4\})$	3244032
24	$\mathcal{O}(1; \{3, 12^2, 24^4\})$	6193152
24	$\mathcal{O}(1; \{3, 8, 24^5\})$	12976128
24	$\mathcal{O}(0; \{2^9, 3^2, 4, 8^2\})$	16
24	$\mathcal{O}(0; \{2^5, 3^5, 4, 8^2\})$	80
24	$\mathcal{O}(0; \{2, 3^8, 4, 8^2\})$	688
24	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 8^2\})$	64
24	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 8^2\})$	320
24	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 8^2\})$	256
24	$\mathcal{O}(0; \{3^2, 4^7, 8^2\})$	1024
24	$\mathcal{O}(0; \{2^6, 3^3, 4, 6, 8^2\})$	48
24	$\mathcal{O}(0; \{2^2, 3^6, 4, 6, 8^2\})$	336
24	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6, 8^2\})$	192
24	$\mathcal{O}(0; \{3^3, 4^5, 6, 8^2\})$	768
24	$\mathcal{O}(0; \{2^7, 3, 4, 6^2, 8^2\})$	16
24	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^2, 8^2\})$	176
24	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^2, 8^2\})$	64
24	$\mathcal{O}(0; \{3^4, 4^3, 6^2, 8^2\})$	704
24	$\mathcal{O}(0; \{2, 3, 4^5, 6^2, 8^2\})$	256
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^3, 8^2\})$	80
24	$\mathcal{O}(0; \{3^5, 4, 6^3, 8^2\})$	688
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^3, 8^2\})$	320
24	$\mathcal{O}(0; \{2^5, 4, 6^4, 8^2\})$	48
24	$\mathcal{O}(0; \{2, 3^3, 4, 6^4, 8^2\})$	336
24	$\mathcal{O}(0; \{2^2, 4^3, 6^4, 8^2\})$	192
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^5, 8^2\})$	176
24	$\mathcal{O}(0; \{4, 6^7, 8^2\})$	336
24	$\mathcal{O}(0; \{2^7, 3^2, 8^4\})$	128
24	$\mathcal{O}(0; \{2^3, 3^5, 8^4\})$	640

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 8^4\})$	512
24	$\mathcal{O}(0; \{3^5, 4^2, 8^4\})$	2560
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 8^4\})$	2048
24	$\mathcal{O}(0; \{2^4, 3^3, 6, 8^4\})$	384
24	$\mathcal{O}(0; \{3^6, 6, 8^4\})$	2688
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6, 8^4\})$	1536
24	$\mathcal{O}(0; \{2^5, 3, 6^2, 8^4\})$	128
24	$\mathcal{O}(0; \{2, 3^4, 6^2, 8^4\})$	1408
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^2, 8^4\})$	512
24	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 8^4\})$	640
24	$\mathcal{O}(0; \{2^3, 6^4, 8^4\})$	384
24	$\mathcal{O}(0; \{4^2, 6^4, 8^4\})$	1536
24	$\mathcal{O}(0; \{3, 6^5, 8^4\})$	1408
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 8^6\})$	4096
24	$\mathcal{O}(0; \{3, 4, 6^2, 8^6\})$	4096
24	$\mathcal{O}(0; \{3^2, 8^8\})$	32768
24	$\mathcal{O}(0; \{2^{10}, 3, 8^2, 12\})$	16
24	$\mathcal{O}(0; \{2^6, 3^4, 8^2, 12\})$	80
24	$\mathcal{O}(0; \{2^2, 3^7, 8^2, 12\})$	688
24	$\mathcal{O}(0; \{2^7, 3, 4^2, 8^2, 12\})$	64
24	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 8^2, 12\})$	320
24	$\mathcal{O}(0; \{2^4, 3, 4^4, 8^2, 12\})$	256
24	$\mathcal{O}(0; \{3^4, 4^4, 8^2, 12\})$	1280
24	$\mathcal{O}(0; \{2, 3, 4^6, 8^2, 12\})$	1024
24	$\mathcal{O}(0; \{2^7, 3^2, 6, 8^2, 12\})$	48
24	$\mathcal{O}(0; \{2^3, 3^5, 6, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6, 8^2, 12\})$	192
24	$\mathcal{O}(0; \{3^5, 4^2, 6, 8^2, 12\})$	1344
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 6, 8^2, 12\})$	768
24	$\mathcal{O}(0; \{2^8, 6^2, 8^2, 12\})$	16
24	$\mathcal{O}(0; \{2^4, 3^3, 6^2, 8^2, 12\})$	176
24	$\mathcal{O}(0; \{3^6, 6^2, 8^2, 12\})$	1360
24	$\mathcal{O}(0; \{2^5, 4^2, 6^2, 8^2, 12\})$	64
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^2, 8^2, 12\})$	704
24	$\mathcal{O}(0; \{2^2, 4^4, 6^2, 8^2, 12\})$	256
24	$\mathcal{O}(0; \{2^5, 3, 6^3, 8^2, 12\})$	80
24	$\mathcal{O}(0; \{2, 3^4, 6^3, 8^2, 12\})$	688
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^3, 8^2, 12\})$	320
24	$\mathcal{O}(0; \{2^2, 3^2, 6^4, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2^3, 6^5, 8^2, 12\})$	176
24	$\mathcal{O}(0; \{4^2, 6^5, 8^2, 12\})$	704
24	$\mathcal{O}(0; \{3, 6^6, 8^2, 12\})$	688
24	$\mathcal{O}(0; \{2^5, 3, 4, 8^4, 12\})$	512

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Table 7 – continued from previous page

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

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^2, 4, 8^4, 12^3\})$	10240
24	$\mathcal{O}(0; \{2, 4, 6, 8^4, 12^3\})$	6144
24	$\mathcal{O}(0; \{2^3, 3, 4, 8^2, 12^4\})$	1280
24	$\mathcal{O}(0; \{3, 4^3, 8^2, 12^4\})$	5120
24	$\mathcal{O}(0; \{3^2, 4, 6, 8^2, 12^4\})$	5376
24	$\mathcal{O}(0; \{2, 4, 6^2, 8^2, 12^4\})$	2816
24	$\mathcal{O}(0; \{2, 3, 8^4, 12^4\})$	10240
24	$\mathcal{O}(0; \{2^4, 8^2, 12^5\})$	1280
24	$\mathcal{O}(0; \{3^3, 8^2, 12^5\})$	11008
24	$\mathcal{O}(0; \{2, 4^2, 8^2, 12^5\})$	5120
24	$\mathcal{O}(0; \{2, 3, 6, 8^2, 12^5\})$	5376
24	$\mathcal{O}(0; \{2^9, 3^3, 8, 24\})$	24
24	$\mathcal{O}(0; \{2^5, 3^6, 8, 24\})$	168
24	$\mathcal{O}(0; \{2, 3^9, 8, 24\})$	1368
24	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 8, 24\})$	96
24	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 8, 24\})$	672
24	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 8, 24\})$	384
24	$\mathcal{O}(0; \{3^3, 4^6, 8, 24\})$	1536
24	$\mathcal{O}(0; \{2^{10}, 3, 6, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^6, 3^4, 6, 8, 24\})$	88
24	$\mathcal{O}(0; \{2^2, 3^7, 6, 8, 24\})$	680
24	$\mathcal{O}(0; \{2^7, 3, 4^2, 6, 8, 24\})$	32
24	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6, 8, 24\})$	352
24	$\mathcal{O}(0; \{2^4, 3, 4^4, 6, 8, 24\})$	128
24	$\mathcal{O}(0; \{3^4, 4^4, 6, 8, 24\})$	1408
24	$\mathcal{O}(0; \{2, 3, 4^6, 6, 8, 24\})$	512
24	$\mathcal{O}(0; \{2^7, 3^2, 6^2, 8, 24\})$	40
24	$\mathcal{O}(0; \{2^3, 3^5, 6^2, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^2, 8, 24\})$	160
24	$\mathcal{O}(0; \{3^5, 4^2, 6^2, 8, 24\})$	1376
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^2, 8, 24\})$	640
24	$\mathcal{O}(0; \{2^8, 6^3, 8, 24\})$	24
24	$\mathcal{O}(0; \{2^4, 3^3, 6^3, 8, 24\})$	168
24	$\mathcal{O}(0; \{3^6, 6^3, 8, 24\})$	1368
24	$\mathcal{O}(0; \{2^5, 4^2, 6^3, 8, 24\})$	96
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^3, 8, 24\})$	672
24	$\mathcal{O}(0; \{2^2, 4^4, 6^3, 8, 24\})$	384
24	$\mathcal{O}(0; \{2^5, 3, 6^4, 8, 24\})$	88
24	$\mathcal{O}(0; \{2, 3^4, 6^4, 8, 24\})$	680
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^4, 8, 24\})$	352
24	$\mathcal{O}(0; \{2^2, 3^2, 6^5, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^3, 6^6, 8, 24\})$	168
24	$\mathcal{O}(0; \{4^2, 6^6, 8, 24\})$	672

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3, 6^7, 8, 24\})$	680
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 8^3, 24\})$	768
24	$\mathcal{O}(0; \{3^6, 4, 8^3, 24\})$	5376
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 8^3, 24\})$	3072
24	$\mathcal{O}(0; \{2^5, 3, 4, 6, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{2, 3^4, 4, 6, 8^3, 24\})$	2816
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6, 8^3, 24\})$	1024
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^2, 8^3, 24\})$	1280
24	$\mathcal{O}(0; \{2^3, 4, 6^3, 8^3, 24\})$	768
24	$\mathcal{O}(0; \{4^3, 6^3, 8^3, 24\})$	3072
24	$\mathcal{O}(0; \{3, 4, 6^4, 8^3, 24\})$	2816
24	$\mathcal{O}(0; \{2^2, 3^3, 8^5, 24\})$	6144
24	$\mathcal{O}(0; \{2^3, 3, 6, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{3, 4^2, 6, 8^5, 24\})$	8192
24	$\mathcal{O}(0; \{3^2, 6^2, 8^5, 24\})$	10240
24	$\mathcal{O}(0; \{2, 6^3, 8^5, 24\})$	6144
24	$\mathcal{O}(0; \{2^7, 3^2, 4, 8, 12, 24\})$	96
24	$\mathcal{O}(0; \{2^3, 3^5, 4, 8, 12, 24\})$	672
24	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 8, 12, 24\})$	384
24	$\mathcal{O}(0; \{3^5, 4^3, 8, 12, 24\})$	2688
24	$\mathcal{O}(0; \{2, 3^2, 4^5, 8, 12, 24\})$	1536
24	$\mathcal{O}(0; \{2^8, 4, 6, 8, 12, 24\})$	32
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 6, 8, 12, 24\})$	352
24	$\mathcal{O}(0; \{3^6, 4, 6, 8, 12, 24\})$	2720
24	$\mathcal{O}(0; \{2^5, 4^3, 6, 8, 12, 24\})$	128
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 6, 8, 12, 24\})$	1408
24	$\mathcal{O}(0; \{2^2, 4^5, 6, 8, 12, 24\})$	512
24	$\mathcal{O}(0; \{2^5, 3, 4, 6^2, 8, 12, 24\})$	160
24	$\mathcal{O}(0; \{2, 3^4, 4, 6^2, 8, 12, 24\})$	1376
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^2, 8, 12, 24\})$	640
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^3, 8, 12, 24\})$	672
24	$\mathcal{O}(0; \{2^3, 4, 6^4, 8, 12, 24\})$	352
24	$\mathcal{O}(0; \{4^3, 6^4, 8, 12, 24\})$	1408
24	$\mathcal{O}(0; \{3, 4, 6^5, 8, 12, 24\})$	1376
24	$\mathcal{O}(0; \{2^5, 3^2, 8^3, 12, 24\})$	768
24	$\mathcal{O}(0; \{2, 3^5, 8^3, 12, 24\})$	5376
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 8^3, 12, 24\})$	3072
24	$\mathcal{O}(0; \{2^6, 6, 8^3, 12, 24\})$	256
24	$\mathcal{O}(0; \{2^2, 3^3, 6, 8^3, 12, 24\})$	2816
24	$\mathcal{O}(0; \{2^3, 4^2, 6, 8^3, 12, 24\})$	1024
24	$\mathcal{O}(0; \{4^4, 6, 8^3, 12, 24\})$	4096
24	$\mathcal{O}(0; \{2^3, 3, 6^2, 8^3, 12, 24\})$	1280
24	$\mathcal{O}(0; \{3, 4^2, 6^2, 8^3, 12, 24\})$	5120

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^2, 6^3, 8^3, 12, 24\})$	5376
24	$\mathcal{O}(0; \{2, 6^4, 8^3, 12, 24\})$	2816
24	$\mathcal{O}(0; \{3^2, 4, 8^5, 12, 24\})$	24576
24	$\mathcal{O}(0; \{2, 4, 6, 8^5, 12, 24\})$	8192
24	$\mathcal{O}(0; \{2^8, 3, 8, 12^2, 24\})$	96
24	$\mathcal{O}(0; \{2^4, 3^4, 8, 12^2, 24\})$	672
24	$\mathcal{O}(0; \{3^7, 8, 12^2, 24\})$	5472
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 8, 12^2, 24\})$	384
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 8, 12^2, 24\})$	2688
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 8, 12^2, 24\})$	1536
24	$\mathcal{O}(0; \{2^5, 3^2, 6, 8, 12^2, 24\})$	352
24	$\mathcal{O}(0; \{2, 3^5, 6, 8, 12^2, 24\})$	2720
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6, 8, 12^2, 24\})$	1408
24	$\mathcal{O}(0; \{2^6, 6^2, 8, 12^2, 24\})$	160
24	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 8, 12^2, 24\})$	1376
24	$\mathcal{O}(0; \{2^3, 4^2, 6^2, 8, 12^2, 24\})$	640
24	$\mathcal{O}(0; \{4^4, 6^2, 8, 12^2, 24\})$	2560
24	$\mathcal{O}(0; \{2^3, 3, 6^3, 8, 12^2, 24\})$	672
24	$\mathcal{O}(0; \{3, 4^2, 6^3, 8, 12^2, 24\})$	2688
24	$\mathcal{O}(0; \{3^2, 6^4, 8, 12^2, 24\})$	2720
24	$\mathcal{O}(0; \{2, 6^5, 8, 12^2, 24\})$	1376
24	$\mathcal{O}(0; \{2^3, 3, 4, 8^3, 12^2, 24\})$	3072
24	$\mathcal{O}(0; \{3, 4^3, 8^3, 12^2, 24\})$	12288
24	$\mathcal{O}(0; \{3^2, 4, 6, 8^3, 12^2, 24\})$	11264
24	$\mathcal{O}(0; \{2, 4, 6^2, 8^3, 12^2, 24\})$	5120
24	$\mathcal{O}(0; \{2, 3, 8^5, 12^2, 24\})$	24576
24	$\mathcal{O}(0; \{2^6, 4, 8, 12^3, 24\})$	384
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 8, 12^3, 24\})$	2688
24	$\mathcal{O}(0; \{2^3, 4^3, 8, 12^3, 24\})$	1536
24	$\mathcal{O}(0; \{4^5, 8, 12^3, 24\})$	6144
24	$\mathcal{O}(0; \{2^3, 3, 4, 6, 8, 12^3, 24\})$	1408
24	$\mathcal{O}(0; \{3, 4^3, 6, 8, 12^3, 24\})$	5632
24	$\mathcal{O}(0; \{3^2, 4, 6^2, 8, 12^3, 24\})$	5504
24	$\mathcal{O}(0; \{2, 4, 6^3, 8, 12^3, 24\})$	2688
24	$\mathcal{O}(0; \{2^4, 8^3, 12^3, 24\})$	3072
24	$\mathcal{O}(0; \{3^3, 8^3, 12^3, 24\})$	21504
24	$\mathcal{O}(0; \{2, 4^2, 8^3, 12^3, 24\})$	12288
24	$\mathcal{O}(0; \{2, 3, 6, 8^3, 12^3, 24\})$	11264
24	$\mathcal{O}(0; \{2^3, 3^2, 8, 12^4, 24\})$	2688
24	$\mathcal{O}(0; \{3^2, 4^2, 8, 12^4, 24\})$	10752
24	$\mathcal{O}(0; \{2^4, 6, 8, 12^4, 24\})$	1408
24	$\mathcal{O}(0; \{3^3, 6, 8, 12^4, 24\})$	10880
24	$\mathcal{O}(0; \{2, 4^2, 6, 8, 12^4, 24\})$	5632

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 3, 6^2, 8, 12^4, 24\})$	5504
24	$\mathcal{O}(0; \{2, 3, 4, 8, 12^5, 24\})$	10752
24	$\mathcal{O}(0; \{2^2, 8, 12^6, 24\})$	10752
24	$\mathcal{O}(0; \{2^{10}, 3, 4, 24^2\})$	16
24	$\mathcal{O}(0; \{2^6, 3^4, 4, 24^2\})$	176
24	$\mathcal{O}(0; \{2^2, 3^7, 4, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^7, 3, 4^3, 24^2\})$	64
24	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 24^2\})$	704
24	$\mathcal{O}(0; \{2^4, 3, 4^5, 24^2\})$	256
24	$\mathcal{O}(0; \{3^4, 4^5, 24^2\})$	2816
24	$\mathcal{O}(0; \{2, 3, 4^7, 24^2\})$	1024
24	$\mathcal{O}(0; \{2^7, 3^2, 4, 6, 24^2\})$	80
24	$\mathcal{O}(0; \{2^3, 3^5, 4, 6, 24^2\})$	688
24	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6, 24^2\})$	320
24	$\mathcal{O}(0; \{3^5, 4^3, 6, 24^2\})$	2752
24	$\mathcal{O}(0; \{2, 3^2, 4^5, 6, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^8, 4, 6^2, 24^2\})$	48
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^2, 24^2\})$	336
24	$\mathcal{O}(0; \{3^6, 4, 6^2, 24^2\})$	2736
24	$\mathcal{O}(0; \{2^5, 4^3, 6^2, 24^2\})$	192
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^2, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^2, 4^5, 6^2, 24^2\})$	768
24	$\mathcal{O}(0; \{2^5, 3, 4, 6^3, 24^2\})$	176
24	$\mathcal{O}(0; \{2, 3^4, 4, 6^3, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^3, 24^2\})$	704
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^4, 24^2\})$	688
24	$\mathcal{O}(0; \{2^3, 4, 6^5, 24^2\})$	336
24	$\mathcal{O}(0; \{4^3, 6^5, 24^2\})$	1344
24	$\mathcal{O}(0; \{3, 4, 6^6, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^8, 3, 8^2, 24^2\})$	128
24	$\mathcal{O}(0; \{2^4, 3^4, 8^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{3^7, 8^2, 24^2\})$	10880
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 8^2, 24^2\})$	512
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 8^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 8^2, 24^2\})$	2048
24	$\mathcal{O}(0; \{2^5, 3^2, 6, 8^2, 24^2\})$	640
24	$\mathcal{O}(0; \{2, 3^5, 6, 8^2, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6, 8^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^6, 6^2, 8^2, 24^2\})$	384
24	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 8^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^3, 4^2, 6^2, 8^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{4^4, 6^2, 8^2, 24^2\})$	6144
24	$\mathcal{O}(0; \{2^3, 3, 6^3, 8^2, 24^2\})$	1408

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3, 4^2, 6^3, 8^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{3^2, 6^4, 8^2, 24^2\})$	5504
24	$\mathcal{O}(0; \{2, 6^5, 8^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^3, 3, 4, 8^4, 24^2\})$	4096
24	$\mathcal{O}(0; \{3, 4^3, 8^4, 24^2\})$	16384
24	$\mathcal{O}(0; \{3^2, 4, 6, 8^4, 24^2\})$	20480
24	$\mathcal{O}(0; \{2, 4, 6^2, 8^4, 24^2\})$	12288
24	$\mathcal{O}(0; \{2, 3, 8^6, 24^2\})$	32768
24	$\mathcal{O}(0; \{2^{11}, 12, 24^2\})$	16
24	$\mathcal{O}(0; \{2^7, 3^3, 12, 24^2\})$	176
24	$\mathcal{O}(0; \{2^3, 3^6, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^8, 4^2, 12, 24^2\})$	64
24	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 12, 24^2\})$	704
24	$\mathcal{O}(0; \{3^6, 4^2, 12, 24^2\})$	5440
24	$\mathcal{O}(0; \{2^5, 4^4, 12, 24^2\})$	256
24	$\mathcal{O}(0; \{2, 3^3, 4^4, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^2, 4^6, 12, 24^2\})$	1024
24	$\mathcal{O}(0; \{2^8, 3, 6, 12, 24^2\})$	80
24	$\mathcal{O}(0; \{2^4, 3^4, 6, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{3^7, 6, 12, 24^2\})$	5456
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 6, 12, 24^2\})$	320
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 6, 12, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 6, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^5, 3^2, 6^2, 12, 24^2\})$	336
24	$\mathcal{O}(0; \{2, 3^5, 6^2, 12, 24^2\})$	2736
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^2, 12, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^6, 6^3, 12, 24^2\})$	176
24	$\mathcal{O}(0; \{2^2, 3^3, 6^3, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^3, 4^2, 6^3, 12, 24^2\})$	704
24	$\mathcal{O}(0; \{4^4, 6^3, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^3, 3, 6^4, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{3, 4^2, 6^4, 12, 24^2\})$	2752
24	$\mathcal{O}(0; \{3^2, 6^5, 12, 24^2\})$	2736
24	$\mathcal{O}(0; \{2, 6^6, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^6, 4, 8^2, 12, 24^2\})$	512
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 8^2, 12, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^3, 4^3, 8^2, 12, 24^2\})$	2048
24	$\mathcal{O}(0; \{4^5, 8^2, 12, 24^2\})$	8192
24	$\mathcal{O}(0; \{2^3, 3, 4, 6, 8^2, 12, 24^2\})$	2560
24	$\mathcal{O}(0; \{3, 4^3, 6, 8^2, 12, 24^2\})$	10240
24	$\mathcal{O}(0; \{3^2, 4, 6^2, 8^2, 12, 24^2\})$	10752
24	$\mathcal{O}(0; \{2, 4, 6^3, 8^2, 12, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^4, 8^4, 12, 24^2\})$	4096

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^3, 8^4, 12, 24^2\})$	45056
24	$\mathcal{O}(0; \{2, 4^2, 8^4, 12, 24^2\})$	16384
24	$\mathcal{O}(0; \{2, 3, 6, 8^4, 12, 24^2\})$	20480
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 12^2, 24^2\})$	704
24	$\mathcal{O}(0; \{2, 3^5, 4, 12^2, 24^2\})$	5440
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 12^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^6, 4, 6, 12^2, 24^2\})$	320
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6, 12^2, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^3, 4^3, 6, 12^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{4^5, 6, 12^2, 24^2\})$	5120
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^2, 12^2, 24^2\})$	1344
24	$\mathcal{O}(0; \{3, 4^3, 6^2, 12^2, 24^2\})$	5376
24	$\mathcal{O}(0; \{3^2, 4, 6^3, 12^2, 24^2\})$	5440
24	$\mathcal{O}(0; \{2, 4, 6^4, 12^2, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^3, 3^2, 8^2, 12^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{3^2, 4^2, 8^2, 12^2, 24^2\})$	22528
24	$\mathcal{O}(0; \{2^4, 6, 8^2, 12^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{3^3, 6, 8^2, 12^2, 24^2\})$	22016
24	$\mathcal{O}(0; \{2, 4^2, 6, 8^2, 12^2, 24^2\})$	10240
24	$\mathcal{O}(0; \{2, 3, 6^2, 8^2, 12^2, 24^2\})$	10752
24	$\mathcal{O}(0; \{2^6, 3, 12^3, 24^2\})$	704
24	$\mathcal{O}(0; \{2^2, 3^4, 12^3, 24^2\})$	5440
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 12^3, 24^2\})$	2816
24	$\mathcal{O}(0; \{3, 4^4, 12^3, 24^2\})$	11264
24	$\mathcal{O}(0; \{2^3, 3^2, 6, 12^3, 24^2\})$	2752
24	$\mathcal{O}(0; \{3^2, 4^2, 6, 12^3, 24^2\})$	11008
24	$\mathcal{O}(0; \{2^4, 6^2, 12^3, 24^2\})$	1344
24	$\mathcal{O}(0; \{3^3, 6^2, 12^3, 24^2\})$	10944
24	$\mathcal{O}(0; \{2, 4^2, 6^2, 12^3, 24^2\})$	5376
24	$\mathcal{O}(0; \{2, 3, 6^3, 12^3, 24^2\})$	5440
24	$\mathcal{O}(0; \{2, 3, 4, 8^2, 12^3, 24^2\})$	22528
24	$\mathcal{O}(0; \{2^4, 4, 12^4, 24^2\})$	2816
24	$\mathcal{O}(0; \{3^3, 4, 12^4, 24^2\})$	21760
24	$\mathcal{O}(0; \{2, 4^3, 12^4, 24^2\})$	11264
24	$\mathcal{O}(0; \{2, 3, 4, 6, 12^4, 24^2\})$	11008
24	$\mathcal{O}(0; \{2^2, 8^2, 12^4, 24^2\})$	22528
24	$\mathcal{O}(0; \{2, 3^2, 12^5, 24^2\})$	21760
24	$\mathcal{O}(0; \{2^2, 6, 12^5, 24^2\})$	11008
24	$\mathcal{O}(0; \{12^7, 24^2\})$	87040
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 8, 24^3\})$	1280
24	$\mathcal{O}(0; \{2, 3^5, 4, 8, 24^3\})$	11008
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 8, 24^3\})$	5120
24	$\mathcal{O}(0; \{2^6, 4, 6, 8, 24^3\})$	768

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6, 8, 24^3\})$	5376
24	$\mathcal{O}(0; \{2^3, 4^3, 6, 8, 24^3\})$	3072
24	$\mathcal{O}(0; \{4^5, 6, 8, 24^3\})$	12288
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^2, 8, 24^3\})$	2816
24	$\mathcal{O}(0; \{3, 4^3, 6^2, 8, 24^3\})$	11264
24	$\mathcal{O}(0; \{3^2, 4, 6^3, 8, 24^3\})$	11008
24	$\mathcal{O}(0; \{2, 4, 6^4, 8, 24^3\})$	5376
24	$\mathcal{O}(0; \{2^3, 3^2, 8^3, 24^3\})$	10240
24	$\mathcal{O}(0; \{3^2, 4^2, 8^3, 24^3\})$	40960
24	$\mathcal{O}(0; \{2^4, 6, 8^3, 24^3\})$	6144
24	$\mathcal{O}(0; \{3^3, 6, 8^3, 24^3\})$	43008
24	$\mathcal{O}(0; \{2, 4^2, 6, 8^3, 24^3\})$	24576
24	$\mathcal{O}(0; \{2, 3, 6^2, 8^3, 24^3\})$	22528
24	$\mathcal{O}(0; \{2^6, 3, 8, 12, 24^3\})$	1280
24	$\mathcal{O}(0; \{2^2, 3^4, 8, 12, 24^3\})$	11008
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 8, 12, 24^3\})$	5120
24	$\mathcal{O}(0; \{3, 4^4, 8, 12, 24^3\})$	20480
24	$\mathcal{O}(0; \{2^3, 3^2, 6, 8, 12, 24^3\})$	5376
24	$\mathcal{O}(0; \{3^2, 4^2, 6, 8, 12, 24^3\})$	21504
24	$\mathcal{O}(0; \{2^4, 6^2, 8, 12, 24^3\})$	2816
24	$\mathcal{O}(0; \{3^3, 6^2, 8, 12, 24^3\})$	21760
24	$\mathcal{O}(0; \{2, 4^2, 6^2, 8, 12, 24^3\})$	11264
24	$\mathcal{O}(0; \{2, 3, 6^3, 8, 12, 24^3\})$	11008
24	$\mathcal{O}(0; \{2, 3, 4, 8^3, 12, 24^3\})$	40960
24	$\mathcal{O}(0; \{2^4, 4, 8, 12^2, 24^3\})$	5120
24	$\mathcal{O}(0; \{3^3, 4, 8, 12^2, 24^3\})$	44032
24	$\mathcal{O}(0; \{2, 4^3, 8, 12^2, 24^3\})$	20480
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8, 12^2, 24^3\})$	21504
24	$\mathcal{O}(0; \{2^2, 8^3, 12^2, 24^3\})$	40960
24	$\mathcal{O}(0; \{2, 3^2, 8, 12^3, 24^3\})$	44032
24	$\mathcal{O}(0; \{2^2, 6, 8, 12^3, 24^3\})$	21504
24	$\mathcal{O}(0; \{8, 12^5, 24^3\})$	176128
24	$\mathcal{O}(0; \{2^9, 24^4\})$	384
24	$\mathcal{O}(0; \{2^5, 3^3, 24^4\})$	2688
24	$\mathcal{O}(0; \{2, 3^6, 24^4\})$	21888
24	$\mathcal{O}(0; \{2^6, 4^2, 24^4\})$	1536
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 24^4\})$	10752
24	$\mathcal{O}(0; \{2^3, 4^4, 24^4\})$	6144
24	$\mathcal{O}(0; \{4^6, 24^4\})$	24576
24	$\mathcal{O}(0; \{2^6, 3, 6, 24^4\})$	1408
24	$\mathcal{O}(0; \{2^2, 3^4, 6, 24^4\})$	10880
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6, 24^4\})$	5632
24	$\mathcal{O}(0; \{3, 4^4, 6, 24^4\})$	22528

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 24^4\})$	5504
24	$\mathcal{O}(0; \{3^2, 4^2, 6^2, 24^4\})$	22016
24	$\mathcal{O}(0; \{2^4, 6^3, 24^4\})$	2688
24	$\mathcal{O}(0; \{3^3, 6^3, 24^4\})$	21888
24	$\mathcal{O}(0; \{2, 4^2, 6^3, 24^4\})$	10752
24	$\mathcal{O}(0; \{2, 3, 6^4, 24^4\})$	10880
24	$\mathcal{O}(0; \{2^4, 4, 8^2, 24^4\})$	12288
24	$\mathcal{O}(0; \{3^3, 4, 8^2, 24^4\})$	86016
24	$\mathcal{O}(0; \{2, 4^3, 8^2, 24^4\})$	49152
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8^2, 24^4\})$	45056
24	$\mathcal{O}(0; \{2^2, 8^4, 24^4\})$	98304
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 12, 24^4\})$	10752
24	$\mathcal{O}(0; \{3^2, 4^3, 12, 24^4\})$	43008
24	$\mathcal{O}(0; \{2^4, 4, 6, 12, 24^4\})$	5632
24	$\mathcal{O}(0; \{3^3, 4, 6, 12, 24^4\})$	43520
24	$\mathcal{O}(0; \{2, 4^3, 6, 12, 24^4\})$	22528
24	$\mathcal{O}(0; \{2, 3, 4, 6^2, 12, 24^4\})$	22016
24	$\mathcal{O}(0; \{2, 3^2, 8^2, 12, 24^4\})$	86016
24	$\mathcal{O}(0; \{2^2, 6, 8^2, 12, 24^4\})$	45056
24	$\mathcal{O}(0; \{2^4, 3, 12^2, 24^4\})$	10752
24	$\mathcal{O}(0; \{3^4, 12^2, 24^4\})$	87552
24	$\mathcal{O}(0; \{2, 3, 4^2, 12^2, 24^4\})$	43008
24	$\mathcal{O}(0; \{2, 3^2, 6, 12^2, 24^4\})$	43520
24	$\mathcal{O}(0; \{2^2, 6^2, 12^2, 24^4\})$	22016
24	$\mathcal{O}(0; \{2^2, 4, 12^3, 24^4\})$	43008
24	$\mathcal{O}(0; \{8^2, 12^3, 24^4\})$	344064
24	$\mathcal{O}(0; \{6, 12^4, 24^4\})$	174080
24	$\mathcal{O}(0; \{2^4, 3, 8, 24^5\})$	22528
24	$\mathcal{O}(0; \{3^4, 8, 24^5\})$	174080
24	$\mathcal{O}(0; \{2, 3, 4^2, 8, 24^5\})$	90112
24	$\mathcal{O}(0; \{2, 3^2, 6, 8, 24^5\})$	88064
24	$\mathcal{O}(0; \{2^2, 6^2, 8, 24^5\})$	43008
24	$\mathcal{O}(0; \{2^2, 4, 8, 12, 24^5\})$	90112
24	$\mathcal{O}(0; \{8^3, 12, 24^5\})$	720896
24	$\mathcal{O}(0; \{6, 8, 12^2, 24^5\})$	352256
24	$\mathcal{O}(0; \{2, 3^2, 4, 24^6\})$	176128
24	$\mathcal{O}(0; \{2^2, 4, 6, 24^6\})$	86016
24	$\mathcal{O}(0; \{6, 8^2, 24^6\})$	688128
24	$\mathcal{O}(0; \{2^2, 3, 12, 24^6\})$	176128
24	$\mathcal{O}(0; \{6^2, 12, 24^6\})$	348160
24	$\mathcal{O}(0; \{4, 12^2, 24^6\})$	704512
24	$\mathcal{O}(0; \{4, 8, 24^7\})$	1376256
24	$\mathcal{O}(0; \{3, 24^8\})$	2785280

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
25	$\mathcal{O}(1; \{5^4, 25^3\})$	48000000
26	$\mathcal{O}(3; \{13^2\})$	3649067604
26	$\mathcal{O}(2; \{2^4, 13^2\})$	5483712
26	$\mathcal{O}(2; \{2^2, 13, 26^2\})$	60320832
26	$\mathcal{O}(2; \{26^4\})$	729333696
26	$\mathcal{O}(1; \{2^8, 13^2\})$	8112
26	$\mathcal{O}(1; \{2^6, 13, 26^2\})$	89232
26	$\mathcal{O}(1; \{2^4, 26^4\})$	1078896
26	$\mathcal{O}(0; \{2^{12}, 13^2\})$	12
26	$\mathcal{O}(0; \{2^{10}, 13, 26^2\})$	132
26	$\mathcal{O}(0; \{2^8, 26^4\})$	1596
27	$\mathcal{O}(1; \{9^2, 27^4\})$	114791256
27	$\mathcal{O}(0; \{3^3, 9^2, 27^4\})$	1259712
27	$\mathcal{O}(0; \{9, 27^7\})$	133923132
28	$\mathcal{O}(2; \{7^4\})$	107180640
28	$\mathcal{O}(2; \{4, 7^2, 28\})$	36879360
28	$\mathcal{O}(2; \{2^3, 28^2\})$	7375872
28	$\mathcal{O}(2; \{4^2, 28^2\})$	29503488
28	$\mathcal{O}(1; \{2^4, 7^4\})$	109368
28	$\mathcal{O}(1; \{2, 4^2, 7^4\})$	291648
28	$\mathcal{O}(1; \{2^2, 7^3, 14^2\})$	652680
28	$\mathcal{O}(1; \{7^2, 14^4\})$	3919608
28	$\mathcal{O}(1; \{2^4, 4, 7^2, 28\})$	47040
28	$\mathcal{O}(1; \{2, 4^3, 7^2, 28\})$	188160
28	$\mathcal{O}(1; \{2^2, 4, 7, 14^2, 28\})$	291648
28	$\mathcal{O}(1; \{4, 14^4, 28\})$	1740480
28	$\mathcal{O}(1; \{2^7, 28^2\})$	9408
28	$\mathcal{O}(1; \{2^4, 4^2, 28^2\})$	37632
28	$\mathcal{O}(1; \{2, 4^4, 28^2\})$	150528
28	$\mathcal{O}(1; \{7^3, 14, 28^2\})$	10452288
28	$\mathcal{O}(1; \{4, 7, 14, 28^3\})$	6961920
28	$\mathcal{O}(0; \{2^5, 4^2, 7^4\})$	372
28	$\mathcal{O}(0; \{2^2, 4^4, 7^4\})$	1488
28	$\mathcal{O}(0; \{2^3, 4^2, 7^3, 14^2\})$	2220
28	$\mathcal{O}(0; \{4^4, 7^3, 14^2\})$	8880
28	$\mathcal{O}(0; \{2, 4^2, 7^2, 14^4\})$	13332
28	$\mathcal{O}(0; \{2^8, 4, 7^2, 28\})$	60
28	$\mathcal{O}(0; \{2^5, 4^3, 7^2, 28\})$	240
28	$\mathcal{O}(0; \{2^2, 4^5, 7^2, 28\})$	960
28	$\mathcal{O}(0; \{2, 4, 7^5, 14, 28\})$	79980
28	$\mathcal{O}(0; \{2^6, 4, 7, 14^2, 28\})$	372
28	$\mathcal{O}(0; \{2^3, 4^3, 7, 14^2, 28\})$	1488
28	$\mathcal{O}(0; \{4^5, 7, 14^2, 28\})$	5952

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{2^4, 4, 14^4, 28\})$	2220
28	$\mathcal{O}(0; \{2, 4^3, 14^4, 28\})$	8880
28	$\mathcal{O}(0; \{2^{11}, 28^2\})$	12
28	$\mathcal{O}(0; \{2^8, 4^2, 28^2\})$	48
28	$\mathcal{O}(0; \{2^5, 4^4, 28^2\})$	192
28	$\mathcal{O}(0; \{2^2, 4^6, 28^2\})$	768
28	$\mathcal{O}(0; \{2^4, 7^3, 14, 28^2\})$	13332
28	$\mathcal{O}(0; \{2, 4^2, 7^3, 14, 28^2\})$	53328
28	$\mathcal{O}(0; \{2^2, 7^2, 14^3, 28^2\})$	79980
28	$\mathcal{O}(0; \{7, 14^5, 28^2\})$	479892
28	$\mathcal{O}(0; \{2^4, 4, 7, 14, 28^3\})$	8880
28	$\mathcal{O}(0; \{2, 4^3, 7, 14, 28^3\})$	35520
28	$\mathcal{O}(0; \{2^2, 4, 14^3, 28^3\})$	53328
28	$\mathcal{O}(0; \{2^2, 7^3, 28^4\})$	319920
28	$\mathcal{O}(0; \{7^2, 14^2, 28^4\})$	1919568
28	$\mathcal{O}(0; \{2^2, 4, 7, 28^5\})$	213312
28	$\mathcal{O}(0; \{4, 14^2, 28^5\})$	1279680
30	$\mathcal{O}(2; \{3^2, 5, 15\})$	6075000
30	$\mathcal{O}(2; \{2, 5, 6, 15\})$	6480000
30	$\mathcal{O}(2; \{2, 3, 15, 30\})$	6480000
30	$\mathcal{O}(1; \{3^4, 5^3\})$	48600
30	$\mathcal{O}(1; \{2, 3^2, 5^3, 6\})$	21600
30	$\mathcal{O}(1; \{2^2, 5^3, 6^2\})$	21600
30	$\mathcal{O}(1; \{5^2, 6^2, 10^2\})$	93600
30	$\mathcal{O}(1; \{2^4, 3^2, 5, 15\})$	7200
30	$\mathcal{O}(1; \{3^5, 5, 15\})$	59400
30	$\mathcal{O}(1; \{2^5, 5, 6, 15\})$	7200
30	$\mathcal{O}(1; \{2, 3^3, 5, 6, 15\})$	36000
30	$\mathcal{O}(1; \{2^2, 3, 5, 6^2, 15\})$	21600
30	$\mathcal{O}(1; \{5, 6^4, 15\})$	36000
30	$\mathcal{O}(1; \{5^3, 6, 10, 15\})$	367200
30	$\mathcal{O}(1; \{2^2, 3^2, 10^2, 15\})$	21600
30	$\mathcal{O}(1; \{2^3, 6, 10^2, 15\})$	21600
30	$\mathcal{O}(1; \{3, 6^2, 10^2, 15\})$	64800
30	$\mathcal{O}(1; \{5^4, 15^2\})$	1107000
30	$\mathcal{O}(1; \{2^3, 5, 10, 15^2\})$	93600
30	$\mathcal{O}(1; \{3, 5, 6, 10, 15^2\})$	280800
30	$\mathcal{O}(1; \{2, 10^3, 15^2\})$	367200
30	$\mathcal{O}(1; \{3, 5^2, 15^3\})$	826200
30	$\mathcal{O}(1; \{3^2, 15^4\})$	772200
30	$\mathcal{O}(1; \{2, 6, 15^4\})$	468000
30	$\mathcal{O}(1; \{2, 3^3, 5^2, 30\})$	64800
30	$\mathcal{O}(1; \{2^2, 3, 5^2, 6, 30\})$	21600

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{5^2, 6^3, 30\})$	64800
30	$\mathcal{O}(1; \{3, 5, 6, 10^2, 30\})$	93600
30	$\mathcal{O}(1; \{2^5, 3, 15, 30\})$	7200
30	$\mathcal{O}(1; \{2, 3^4, 15, 30\})$	79200
30	$\mathcal{O}(1; \{2^2, 3^2, 6, 15, 30\})$	36000
30	$\mathcal{O}(1; \{2^3, 6^2, 15, 30\})$	21600
30	$\mathcal{O}(1; \{3, 6^3, 15, 30\})$	79200
30	$\mathcal{O}(1; \{3, 5^2, 10, 15, 30\})$	367200
30	$\mathcal{O}(1; \{3^2, 10, 15^2, 30\})$	468000
30	$\mathcal{O}(1; \{2, 6, 10, 15^2, 30\})$	280800
30	$\mathcal{O}(1; \{2, 5, 15^3, 30\})$	1101600
30	$\mathcal{O}(1; \{2^2, 3^2, 5, 30^2\})$	64800
30	$\mathcal{O}(1; \{2^3, 5, 6, 30^2\})$	21600
30	$\mathcal{O}(1; \{3, 5, 6^2, 30^2\})$	108000
30	$\mathcal{O}(1; \{3^2, 10^2, 30^2\})$	280800
30	$\mathcal{O}(1; \{2, 6, 10^2, 30^2\})$	93600
30	$\mathcal{O}(1; \{2, 5, 10, 15, 30^2\})$	367200
30	$\mathcal{O}(1; \{2^3, 3, 30^3\})$	64800
30	$\mathcal{O}(1; \{3^2, 6, 30^3\})$	237600
30	$\mathcal{O}(1; \{2, 6^2, 30^3\})$	108000
30	$\mathcal{O}(0; \{2^4, 3^4, 5^3\})$	72
30	$\mathcal{O}(0; \{2^5, 3^2, 5^3, 6\})$	24
30	$\mathcal{O}(0; \{2, 3^5, 5^3, 6\})$	264
30	$\mathcal{O}(0; \{2^6, 5^3, 6^2\})$	24
30	$\mathcal{O}(0; \{2^2, 3^3, 5^3, 6^2\})$	120
30	$\mathcal{O}(0; \{2^3, 3, 5^3, 6^3\})$	72
30	$\mathcal{O}(0; \{3^2, 5^3, 6^4\})$	264
30	$\mathcal{O}(0; \{2, 5^3, 6^5\})$	120
30	$\mathcal{O}(0; \{3^2, 5^5, 6, 10\})$	1640
30	$\mathcal{O}(0; \{2, 5^5, 6^2, 10\})$	1640
30	$\mathcal{O}(0; \{2^2, 3^4, 5^2, 10^2\})$	312
30	$\mathcal{O}(0; \{2^3, 3^2, 5^2, 6, 10^2\})$	104
30	$\mathcal{O}(0; \{2^4, 5^2, 6^2, 10^2\})$	104
30	$\mathcal{O}(0; \{3^3, 5^2, 6^2, 10^2\})$	520
30	$\mathcal{O}(0; \{2, 3, 5^2, 6^3, 10^2\})$	312
30	$\mathcal{O}(0; \{3^4, 5, 10^4\})$	1224
30	$\mathcal{O}(0; \{2, 3^2, 5, 6, 10^4\})$	408
30	$\mathcal{O}(0; \{2^2, 5, 6^2, 10^4\})$	408
30	$\mathcal{O}(0; \{6^2, 10^6\})$	1640
30	$\mathcal{O}(0; \{2^8, 3^2, 5, 15\})$	8
30	$\mathcal{O}(0; \{2^4, 3^5, 5, 15\})$	88
30	$\mathcal{O}(0; \{2^9, 5, 6, 15\})$	8
30	$\mathcal{O}(0; \{2^5, 3^3, 5, 6, 15\})$	40

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2, 3^6, 5, 6, 15\})$	344
30	$\mathcal{O}(0; \{2, 5^6, 6, 15\})$	6552
30	$\mathcal{O}(0; \{2^6, 3, 5, 6^2, 15\})$	24
30	$\mathcal{O}(0; \{2^2, 3^4, 5, 6^2, 15\})$	168
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 6^3, 15\})$	88
30	$\mathcal{O}(0; \{2^4, 5, 6^4, 15\})$	40
30	$\mathcal{O}(0; \{3^3, 5, 6^4, 15\})$	344
30	$\mathcal{O}(0; \{2, 3, 5, 6^5, 15\})$	168
30	$\mathcal{O}(0; \{2^3, 3^2, 5^3, 10, 15\})$	408
30	$\mathcal{O}(0; \{2^4, 5^3, 6, 10, 15\})$	408
30	$\mathcal{O}(0; \{3^3, 5^3, 6, 10, 15\})$	2040
30	$\mathcal{O}(0; \{2, 3, 5^3, 6^2, 10, 15\})$	1224
30	$\mathcal{O}(0; \{2^6, 3^2, 10^2, 15\})$	24
30	$\mathcal{O}(0; \{2^2, 3^5, 10^2, 15\})$	264
30	$\mathcal{O}(0; \{2^7, 6, 10^2, 15\})$	24
30	$\mathcal{O}(0; \{2^3, 3^3, 6, 10^2, 15\})$	120
30	$\mathcal{O}(0; \{2^4, 3, 6^2, 10^2, 15\})$	72
30	$\mathcal{O}(0; \{3^4, 6^2, 10^2, 15\})$	504
30	$\mathcal{O}(0; \{2, 3^2, 6^3, 10^2, 15\})$	264
30	$\mathcal{O}(0; \{2^2, 6^4, 10^2, 15\})$	120
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 10^3, 15\})$	1640
30	$\mathcal{O}(0; \{2^2, 5^2, 6, 10^3, 15\})$	1640
30	$\mathcal{O}(0; \{5, 6, 10^5, 15\})$	6552
30	$\mathcal{O}(0; \{2^4, 5^4, 15^2\})$	1640
30	$\mathcal{O}(0; \{2, 3, 5^4, 6, 15^2\})$	4920
30	$\mathcal{O}(0; \{2^7, 5, 10, 15^2\})$	104
30	$\mathcal{O}(0; \{2^3, 3^3, 5, 10, 15^2\})$	520
30	$\mathcal{O}(0; \{2^4, 3, 5, 6, 10, 15^2\})$	312
30	$\mathcal{O}(0; \{3^4, 5, 6, 10, 15^2\})$	2184
30	$\mathcal{O}(0; \{2, 3^2, 5, 6^2, 10, 15^2\})$	1144
30	$\mathcal{O}(0; \{2^2, 5, 6^3, 10, 15^2\})$	520
30	$\mathcal{O}(0; \{2^2, 5^3, 10^2, 15^2\})$	6552
30	$\mathcal{O}(0; \{2^5, 10^3, 15^2\})$	408
30	$\mathcal{O}(0; \{2, 3^3, 10^3, 15^2\})$	2040
30	$\mathcal{O}(0; \{2^2, 3, 6, 10^3, 15^2\})$	1224
30	$\mathcal{O}(0; \{6^3, 10^3, 15^2\})$	2040
30	$\mathcal{O}(0; \{5^2, 10^4, 15^2\})$	26216
30	$\mathcal{O}(0; \{2^4, 3, 5^2, 15^3\})$	1224
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 6, 15^3\})$	4488
30	$\mathcal{O}(0; \{2^2, 5^2, 6^2, 15^3\})$	2040
30	$\mathcal{O}(0; \{2^2, 3, 5, 10^2, 15^3\})$	4920
30	$\mathcal{O}(0; \{5, 6^2, 10^2, 15^3\})$	8200
30	$\mathcal{O}(0; \{3, 10^4, 15^3\})$	19656

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^4, 3^2, 15^4\})$	1144
30	$\mathcal{O}(0; \{2^5, 6, 15^4\})$	520
30	$\mathcal{O}(0; \{2, 3^3, 6, 15^4\})$	4472
30	$\mathcal{O}(0; \{2^2, 3, 6^2, 15^4\})$	2184
30	$\mathcal{O}(0; \{6^4, 15^4\})$	4472
30	$\mathcal{O}(0; \{5^2, 6, 10, 15^4\})$	32760
30	$\mathcal{O}(0; \{2^3, 10, 15^5\})$	8200
30	$\mathcal{O}(0; \{3, 6, 10, 15^5\})$	34440
30	$\mathcal{O}(0; \{2^5, 3^3, 5^2, 30\})$	72
30	$\mathcal{O}(0; \{2, 3^6, 5^2, 30\})$	504
30	$\mathcal{O}(0; \{2^6, 3, 5^2, 6, 30\})$	24
30	$\mathcal{O}(0; \{2^2, 3^4, 5^2, 6, 30\})$	264
30	$\mathcal{O}(0; \{2^3, 3^2, 5^2, 6^2, 30\})$	120
30	$\mathcal{O}(0; \{2^4, 5^2, 6^3, 30\})$	72
30	$\mathcal{O}(0; \{3^3, 5^2, 6^3, 30\})$	504
30	$\mathcal{O}(0; \{2, 3, 5^2, 6^4, 30\})$	264
30	$\mathcal{O}(0; \{3^3, 5^4, 10, 30\})$	4920
30	$\mathcal{O}(0; \{2, 3, 5^4, 6, 10, 30\})$	1640
30	$\mathcal{O}(0; \{2^3, 3^3, 5, 10^2, 30\})$	312
30	$\mathcal{O}(0; \{2^4, 3, 5, 6, 10^2, 30\})$	104
30	$\mathcal{O}(0; \{3^4, 5, 6, 10^2, 30\})$	1144
30	$\mathcal{O}(0; \{2, 3^2, 5, 6^2, 10^2, 30\})$	520
30	$\mathcal{O}(0; \{2^2, 5, 6^3, 10^2, 30\})$	312
30	$\mathcal{O}(0; \{2, 3^3, 10^4, 30\})$	1224
30	$\mathcal{O}(0; \{2^2, 3, 6, 10^4, 30\})$	408
30	$\mathcal{O}(0; \{6^3, 10^4, 30\})$	1224
30	$\mathcal{O}(0; \{2^9, 3, 15, 30\})$	8
30	$\mathcal{O}(0; \{2^5, 3^4, 15, 30\})$	88
30	$\mathcal{O}(0; \{2, 3^7, 15, 30\})$	680
30	$\mathcal{O}(0; \{2, 3, 5^5, 15, 30\})$	6552
30	$\mathcal{O}(0; \{2^6, 3^2, 6, 15, 30\})$	40
30	$\mathcal{O}(0; \{2^2, 3^5, 6, 15, 30\})$	344
30	$\mathcal{O}(0; \{2^7, 6^2, 15, 30\})$	24
30	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 15, 30\})$	168
30	$\mathcal{O}(0; \{2^4, 3, 6^3, 15, 30\})$	88
30	$\mathcal{O}(0; \{3^4, 6^3, 15, 30\})$	680
30	$\mathcal{O}(0; \{2, 3^2, 6^4, 15, 30\})$	344
30	$\mathcal{O}(0; \{2^2, 6^5, 15, 30\})$	168
30	$\mathcal{O}(0; \{2^4, 3, 5^2, 10, 15, 30\})$	408
30	$\mathcal{O}(0; \{3^4, 5^2, 10, 15, 30\})$	4488
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 6, 10, 15, 30\})$	2040
30	$\mathcal{O}(0; \{2^2, 5^2, 6^2, 10, 15, 30\})$	1224
30	$\mathcal{O}(0; \{2^2, 3, 5, 10^3, 15, 30\})$	1640

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{5, 6^2, 10^3, 15, 30\})$	4920
30	$\mathcal{O}(0; \{3, 10^5, 15, 30\})$	6552
30	$\mathcal{O}(0; \{2, 3^2, 5^3, 15^2, 30\})$	8200
30	$\mathcal{O}(0; \{2^2, 5^3, 6, 15^2, 30\})$	4920
30	$\mathcal{O}(0; \{2^4, 3^2, 10, 15^2, 30\})$	520
30	$\mathcal{O}(0; \{3^5, 10, 15^2, 30\})$	4472
30	$\mathcal{O}(0; \{2^5, 6, 10, 15^2, 30\})$	312
30	$\mathcal{O}(0; \{2, 3^3, 6, 10, 15^2, 30\})$	2184
30	$\mathcal{O}(0; \{2^2, 3, 6^2, 10, 15^2, 30\})$	1144
30	$\mathcal{O}(0; \{6^4, 10, 15^2, 30\})$	2184
30	$\mathcal{O}(0; \{5^2, 6, 10^2, 15^2, 30\})$	19656
30	$\mathcal{O}(0; \{2^5, 5, 15^3, 30\})$	1224
30	$\mathcal{O}(0; \{2, 3^3, 5, 15^3, 30\})$	8568
30	$\mathcal{O}(0; \{2^2, 3, 5, 6, 15^3, 30\})$	4488
30	$\mathcal{O}(0; \{5, 6^3, 15^3, 30\})$	8568
30	$\mathcal{O}(0; \{5^3, 10, 15^3, 30\})$	78648
30	$\mathcal{O}(0; \{2^3, 10^2, 15^3, 30\})$	4920
30	$\mathcal{O}(0; \{3, 6, 10^2, 15^3, 30\})$	18040
30	$\mathcal{O}(0; \{3, 5, 10, 15^4, 30\})$	72072
30	$\mathcal{O}(0; \{2, 15^6, 30\})$	137592
30	$\mathcal{O}(0; \{2^6, 3^2, 5, 30^2\})$	72
30	$\mathcal{O}(0; \{2^2, 3^5, 5, 30^2\})$	504
30	$\mathcal{O}(0; \{2^7, 5, 6, 30^2\})$	24
30	$\mathcal{O}(0; \{2^3, 3^3, 5, 6, 30^2\})$	264
30	$\mathcal{O}(0; \{2^4, 3, 5, 6^2, 30^2\})$	120
30	$\mathcal{O}(0; \{3^4, 5, 6^2, 30^2\})$	1032
30	$\mathcal{O}(0; \{2, 3^2, 5, 6^3, 30^2\})$	504
30	$\mathcal{O}(0; \{2^2, 5, 6^4, 30^2\})$	264
30	$\mathcal{O}(0; \{2, 3^2, 5^3, 10, 30^2\})$	4920
30	$\mathcal{O}(0; \{2^2, 5^3, 6, 10, 30^2\})$	1640
30	$\mathcal{O}(0; \{2^4, 3^2, 10^2, 30^2\})$	312
30	$\mathcal{O}(0; \{3^5, 10^2, 30^2\})$	2184
30	$\mathcal{O}(0; \{2^5, 6, 10^2, 30^2\})$	104
30	$\mathcal{O}(0; \{2, 3^3, 6, 10^2, 30^2\})$	1144
30	$\mathcal{O}(0; \{2^2, 3, 6^2, 10^2, 30^2\})$	520
30	$\mathcal{O}(0; \{6^4, 10^2, 30^2\})$	1144
30	$\mathcal{O}(0; \{5^2, 6, 10^3, 30^2\})$	6552
30	$\mathcal{O}(0; \{2^2, 5^4, 15, 30^2\})$	6552
30	$\mathcal{O}(0; \{2^5, 5, 10, 15, 30^2\})$	408
30	$\mathcal{O}(0; \{2, 3^3, 5, 10, 15, 30^2\})$	4488
30	$\mathcal{O}(0; \{2^2, 3, 5, 6, 10, 15, 30^2\})$	2040
30	$\mathcal{O}(0; \{5, 6^3, 10, 15, 30^2\})$	4488
30	$\mathcal{O}(0; \{5^3, 10^2, 15, 30^2\})$	26216

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^3, 10^3, 15, 30^2\})$	1640
30	$\mathcal{O}(0; \{3, 6, 10^3, 15, 30^2\})$	8200
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 15^2, 30^2\})$	8200
30	$\mathcal{O}(0; \{5^2, 6^2, 15^2, 30^2\})$	18040
30	$\mathcal{O}(0; \{3, 5, 10^2, 15^2, 30^2\})$	32760
30	$\mathcal{O}(0; \{2^2, 3^2, 15^3, 30^2\})$	8568
30	$\mathcal{O}(0; \{2^3, 6, 15^3, 30^2\})$	4488
30	$\mathcal{O}(0; \{3, 6^2, 15^3, 30^2\})$	17544
30	$\mathcal{O}(0; \{2, 10, 15^4, 30^2\})$	72072
30	$\mathcal{O}(0; \{2^7, 3, 30^3\})$	72
30	$\mathcal{O}(0; \{2^3, 3^4, 30^3\})$	504
30	$\mathcal{O}(0; \{2^4, 3^2, 6, 30^3\})$	264
30	$\mathcal{O}(0; \{3^5, 6, 30^3\})$	2040
30	$\mathcal{O}(0; \{2^5, 6^2, 30^3\})$	120
30	$\mathcal{O}(0; \{2, 3^3, 6^2, 30^3\})$	1032
30	$\mathcal{O}(0; \{2^2, 3, 6^3, 30^3\})$	504
30	$\mathcal{O}(0; \{6^5, 30^3\})$	1032
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 10, 30^3\})$	4920
30	$\mathcal{O}(0; \{5^2, 6^2, 10, 30^3\})$	8200
30	$\mathcal{O}(0; \{3, 5, 10^3, 30^3\})$	19656
30	$\mathcal{O}(0; \{5^3, 6, 15, 30^3\})$	32760
30	$\mathcal{O}(0; \{2^2, 3^2, 10, 15, 30^3\})$	4488
30	$\mathcal{O}(0; \{2^3, 6, 10, 15, 30^3\})$	2040
30	$\mathcal{O}(0; \{3, 6^2, 10, 15, 30^3\})$	8568
30	$\mathcal{O}(0; \{2^3, 5, 15^2, 30^3\})$	8200
30	$\mathcal{O}(0; \{3, 5, 6, 15^2, 30^3\})$	34440
30	$\mathcal{O}(0; \{2, 10^2, 15^2, 30^3\})$	32760
30	$\mathcal{O}(0; \{5^4, 30^4\})$	78648
30	$\mathcal{O}(0; \{2^3, 5, 10, 30^4\})$	4920
30	$\mathcal{O}(0; \{3, 5, 6, 10, 30^4\})$	18040
30	$\mathcal{O}(0; \{2, 10^3, 30^4\})$	19656
30	$\mathcal{O}(0; \{3, 5^2, 15, 30^4\})$	72072
30	$\mathcal{O}(0; \{3^2, 15^2, 30^4\})$	70520
30	$\mathcal{O}(0; \{2, 6, 15^2, 30^4\})$	34440
30	$\mathcal{O}(0; \{3^2, 10, 30^5\})$	34440
30	$\mathcal{O}(0; \{2, 6, 10, 30^5\})$	18040
30	$\mathcal{O}(0; \{2, 5, 15, 30^5\})$	72072
31	$\mathcal{O}(2; \{31^3\})$	803463270
32	$\mathcal{O}(2; \{2^2, 8^2\})$	3932160
32	$\mathcal{O}(2; \{8, 16^2\})$	31457280
32	$\mathcal{O}(1; \{2^6, 8^2\})$	3072
32	$\mathcal{O}(1; \{2^3, 4^2, 8^2\})$	12288
32	$\mathcal{O}(1; \{4^4, 8^2\})$	49152

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
32	$\mathcal{O}(1; \{2, 4, 8^4\})$	98304
32	$\mathcal{O}(1; \{2^4, 8, 16^2\})$	24576
32	$\mathcal{O}(1; \{2, 4^2, 8, 16^2\})$	98304
32	$\mathcal{O}(1; \{2^2, 16^4\})$	393216
32	$\mathcal{O}(1; \{2^2, 8, 16, 32^2\})$	524288
32	$\mathcal{O}(1; \{16^3, 32^2\})$	8388608
32	$\mathcal{O}(1; \{8, 32^4\})$	16777216
32	$\mathcal{O}(0; \{2^6, 8, 16, 32^2\})$	512
32	$\mathcal{O}(0; \{2^3, 4^2, 8, 16, 32^2\})$	2048
32	$\mathcal{O}(0; \{4^4, 8, 16, 32^2\})$	8192
32	$\mathcal{O}(0; \{2, 4, 8^3, 16, 32^2\})$	16384
32	$\mathcal{O}(0; \{2^4, 16^3, 32^2\})$	8192
32	$\mathcal{O}(0; \{2, 4^2, 16^3, 32^2\})$	32768
32	$\mathcal{O}(0; \{2^4, 8, 32^4\})$	16384
32	$\mathcal{O}(0; \{2, 4^2, 8, 32^4\})$	65536
32	$\mathcal{O}(0; \{2^2, 16^2, 32^4\})$	262144
32	$\mathcal{O}(0; \{16, 32^6\})$	8388608
33	$\mathcal{O}(2; \{3, 33^2\})$	23718420
33	$\mathcal{O}(1; \{3^4, 33^2\})$	239580
33	$\mathcal{O}(0; \{3^3, 11^4, 33\})$	54540
33	$\mathcal{O}(0; \{3^7, 33^2\})$	1700
33	$\mathcal{O}(0; \{11^3, 33^4\})$	5454540
35	$\mathcal{O}(1; \{5, 7^3, 35\})$	911400
35	$\mathcal{O}(1; \{5^3, 35^2\})$	1499400
35	$\mathcal{O}(0; \{7^4, 35^3\})$	479880
35	$\mathcal{O}(0; \{5^2, 7, 35^4\})$	910200
36	$\mathcal{O}(1; \{3, 9^4\})$	314928
36	$\mathcal{O}(1; \{2^3, 9^2, 18\})$	17496
36	$\mathcal{O}(1; \{4^2, 9^2, 18\})$	46656
36	$\mathcal{O}(1; \{3, 6, 9^2, 18\})$	69984
36	$\mathcal{O}(1; \{2^2, 3^2, 18^2\})$	23328
36	$\mathcal{O}(1; \{2^3, 6, 18^2\})$	11664
36	$\mathcal{O}(1; \{4^2, 6, 18^2\})$	31104
36	$\mathcal{O}(1; \{3, 6^2, 18^2\})$	46656
36	$\mathcal{O}(1; \{3, 4, 12, 18^2\})$	62208
36	$\mathcal{O}(1; \{2, 12^2, 18^2\})$	62208
36	$\mathcal{O}(1; \{2, 9, 18^3\})$	157464
36	$\mathcal{O}(1; \{3, 4, 9, 18, 36\})$	93312
36	$\mathcal{O}(1; \{2, 9, 12, 18, 36\})$	93312
36	$\mathcal{O}(1; \{2, 9^2, 36^2\})$	419904
36	$\mathcal{O}(1; \{3^2, 18, 36^2\})$	186624
36	$\mathcal{O}(1; \{2, 6, 18, 36^2\})$	93312
36	$\mathcal{O}(0; \{2, 3, 4^2, 9^4\})$	648

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2^2, 4, 9^4, 12\})$	648
36	$\mathcal{O}(0; \{6, 9^4, 12^2\})$	2592
36	$\mathcal{O}(0; \{2^4, 4^2, 9^2, 18\})$	36
36	$\mathcal{O}(0; \{3^3, 4^2, 9^2, 18\})$	288
36	$\mathcal{O}(0; \{2, 4^4, 9^2, 18\})$	144
36	$\mathcal{O}(0; \{2, 3, 4^2, 6, 9^2, 18\})$	144
36	$\mathcal{O}(0; \{2, 3^2, 4, 9^2, 12, 18\})$	288
36	$\mathcal{O}(0; \{2^2, 4, 6, 9^2, 12, 18\})$	144
36	$\mathcal{O}(0; \{2^2, 3, 9^2, 12^2, 18\})$	288
36	$\mathcal{O}(0; \{6^2, 9^2, 12^2, 18\})$	576
36	$\mathcal{O}(0; \{4, 9^2, 12^3, 18\})$	1152
36	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 18^2\})$	48
36	$\mathcal{O}(0; \{3^2, 4^4, 18^2\})$	192
36	$\mathcal{O}(0; \{2^4, 4^2, 6, 18^2\})$	24
36	$\mathcal{O}(0; \{3^3, 4^2, 6, 18^2\})$	192
36	$\mathcal{O}(0; \{2, 4^4, 6, 18^2\})$	96
36	$\mathcal{O}(0; \{2, 3, 4^2, 6^2, 18^2\})$	96
36	$\mathcal{O}(0; \{2^4, 3, 4, 12, 18^2\})$	48
36	$\mathcal{O}(0; \{3^4, 4, 12, 18^2\})$	384
36	$\mathcal{O}(0; \{2, 3, 4^3, 12, 18^2\})$	192
36	$\mathcal{O}(0; \{2, 3^2, 4, 6, 12, 18^2\})$	192
36	$\mathcal{O}(0; \{2^2, 4, 6^2, 12, 18^2\})$	96
36	$\mathcal{O}(0; \{4, 9^3, 12, 18^2\})$	3240
36	$\mathcal{O}(0; \{2^5, 12^2, 18^2\})$	48
36	$\mathcal{O}(0; \{2, 3^3, 12^2, 18^2\})$	384
36	$\mathcal{O}(0; \{2^2, 4^2, 12^2, 18^2\})$	192
36	$\mathcal{O}(0; \{2^2, 3, 6, 12^2, 18^2\})$	192
36	$\mathcal{O}(0; \{6^3, 12^2, 18^2\})$	384
36	$\mathcal{O}(0; \{4, 6, 12^3, 18^2\})$	768
36	$\mathcal{O}(0; \{3, 12^4, 18^2\})$	1536
36	$\mathcal{O}(0; \{2^2, 4^2, 9, 18^3\})$	324
36	$\mathcal{O}(0; \{4, 6, 9, 12, 18^3\})$	1296
36	$\mathcal{O}(0; \{3, 9, 12^2, 18^3\})$	2592
36	$\mathcal{O}(0; \{4^2, 18^5\})$	1620
36	$\mathcal{O}(0; \{2, 3^2, 4, 9^3, 36\})$	1296
36	$\mathcal{O}(0; \{2^2, 4, 6, 9^3, 36\})$	648
36	$\mathcal{O}(0; \{2^2, 3, 9^3, 12, 36\})$	1296
36	$\mathcal{O}(0; \{6^2, 9^3, 12, 36\})$	2592
36	$\mathcal{O}(0; \{4, 9^3, 12^2, 36\})$	5184
36	$\mathcal{O}(0; \{2^4, 3, 4, 9, 18, 36\})$	72
36	$\mathcal{O}(0; \{3^4, 4, 9, 18, 36\})$	576
36	$\mathcal{O}(0; \{2, 3, 4^3, 9, 18, 36\})$	288
36	$\mathcal{O}(0; \{2, 3^2, 4, 6, 9, 18, 36\})$	288

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2^2, 4, 6^2, 9, 18, 36\})$	144
36	$\mathcal{O}(0; \{4, 9^4, 18, 36\})$	10692
36	$\mathcal{O}(0; \{2^5, 9, 12, 18, 36\})$	72
36	$\mathcal{O}(0; \{2, 3^3, 9, 12, 18, 36\})$	576
36	$\mathcal{O}(0; \{2^2, 4^2, 9, 12, 18, 36\})$	288
36	$\mathcal{O}(0; \{2^2, 3, 6, 9, 12, 18, 36\})$	288
36	$\mathcal{O}(0; \{6^3, 9, 12, 18, 36\})$	576
36	$\mathcal{O}(0; \{4, 6, 9, 12^2, 18, 36\})$	1152
36	$\mathcal{O}(0; \{3, 9, 12^3, 18, 36\})$	2304
36	$\mathcal{O}(0; \{4, 6, 9^2, 18^2, 36\})$	3240
36	$\mathcal{O}(0; \{3, 9^2, 12, 18^2, 36\})$	6480
36	$\mathcal{O}(0; \{2^2, 3, 4, 18^3, 36\})$	648
36	$\mathcal{O}(0; \{4, 6^2, 18^3, 36\})$	1296
36	$\mathcal{O}(0; \{2^3, 12, 18^3, 36\})$	648
36	$\mathcal{O}(0; \{4^2, 12, 18^3, 36\})$	2592
36	$\mathcal{O}(0; \{3, 6, 12, 18^3, 36\})$	2592
36	$\mathcal{O}(0; \{2^5, 9^2, 36^2\})$	324
36	$\mathcal{O}(0; \{2, 3^3, 9^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{2^2, 4^2, 9^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{2^2, 3, 6, 9^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{6^3, 9^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{4, 6, 9^2, 12, 36^2\})$	5184
36	$\mathcal{O}(0; \{3, 9^2, 12^2, 36^2\})$	10368
36	$\mathcal{O}(0; \{2^4, 3^2, 18, 36^2\})$	144
36	$\mathcal{O}(0; \{3^5, 18, 36^2\})$	1152
36	$\mathcal{O}(0; \{2, 3^2, 4^2, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{2^5, 6, 18, 36^2\})$	72
36	$\mathcal{O}(0; \{2, 3^3, 6, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{2^2, 4^2, 6, 18, 36^2\})$	288
36	$\mathcal{O}(0; \{2^2, 3, 6^2, 18, 36^2\})$	288
36	$\mathcal{O}(0; \{6^4, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{3, 9^3, 18, 36^2\})$	21384
36	$\mathcal{O}(0; \{2^2, 3, 4, 12, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{4, 6^2, 12, 18, 36^2\})$	1152
36	$\mathcal{O}(0; \{2^3, 12^2, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{4^2, 12^2, 18, 36^2\})$	2304
36	$\mathcal{O}(0; \{3, 6, 12^2, 18, 36^2\})$	2304
36	$\mathcal{O}(0; \{2^3, 9, 18^2, 36^2\})$	1620
36	$\mathcal{O}(0; \{4^2, 9, 18^2, 36^2\})$	6480
36	$\mathcal{O}(0; \{3, 6, 9, 18^2, 36^2\})$	6480
36	$\mathcal{O}(0; \{2, 18^4, 36^2\})$	10692
36	$\mathcal{O}(0; \{2^2, 3, 4, 9, 36^3\})$	2592
36	$\mathcal{O}(0; \{4, 6^2, 9, 36^3\})$	5184

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2^3, 9, 12, 36^3\})$	2592
36	$\mathcal{O}(0; \{4^2, 9, 12, 36^3\})$	10368
36	$\mathcal{O}(0; \{3, 6, 9, 12, 36^3\})$	10368
36	$\mathcal{O}(0; \{3, 4, 18^2, 36^3\})$	12960
36	$\mathcal{O}(0; \{2, 12, 18^2, 36^3\})$	12960
36	$\mathcal{O}(0; \{2^2, 3^2, 36^4\})$	5184
36	$\mathcal{O}(0; \{2^3, 6, 36^4\})$	2592
36	$\mathcal{O}(0; \{4^2, 6, 36^4\})$	10368
36	$\mathcal{O}(0; \{3, 6^2, 36^4\})$	10368
36	$\mathcal{O}(0; \{3, 4, 12, 36^4\})$	20736
36	$\mathcal{O}(0; \{2, 12^2, 36^4\})$	20736
36	$\mathcal{O}(0; \{2, 9, 18, 36^4\})$	42768
38	$\mathcal{O}(3; \emptyset)$	2963890440
38	$\mathcal{O}(2; \{2^4\})$	2085120
38	$\mathcal{O}(1; \{2^8\})$	1440
39	$\mathcal{O}(1; \{3^3, 13, 39\})$	109512
39	$\mathcal{O}(1; \{39^4\})$	14565096
39	$\mathcal{O}(0; \{3^6, 13, 39\})$	504
39	$\mathcal{O}(0; \{3^3, 39^4\})$	67032
40	$\mathcal{O}(2; \{10^2\})$	9600000
40	$\mathcal{O}(1; \{2, 5^3, 10\})$	62400
40	$\mathcal{O}(1; \{2^4, 10^2\})$	4800
40	$\mathcal{O}(1; \{2, 4^2, 10^2\})$	9600
40	$\mathcal{O}(1; \{2, 4, 5^2, 20\})$	28800
40	$\mathcal{O}(1; \{2^2, 10, 20^2\})$	28800
40	$\mathcal{O}(1; \{20^4\})$	499200
40	$\mathcal{O}(1; \{2^2, 8, 20, 40\})$	51200
40	$\mathcal{O}(1; \{10, 20, 40^2\})$	665600
40	$\mathcal{O}(1; \{8, 40^3\})$	1228800
40	$\mathcal{O}(0; \{4, 5^3, 8^2, 10\})$	416
40	$\mathcal{O}(0; \{2^3, 4, 8^2, 10^2\})$	32
40	$\mathcal{O}(0; \{4^3, 8^2, 10^2\})$	128
40	$\mathcal{O}(0; \{2, 8^4, 10^2\})$	256
40	$\mathcal{O}(0; \{2^3, 5^2, 8^2, 20\})$	96
40	$\mathcal{O}(0; \{4^2, 5^2, 8^2, 20\})$	384
40	$\mathcal{O}(0; \{2, 5, 8^2, 10^2, 20\})$	416
40	$\mathcal{O}(0; \{2, 4, 8^2, 10, 20^2\})$	384
40	$\mathcal{O}(0; \{4, 5^4, 8, 40\})$	1632
40	$\mathcal{O}(0; \{2^3, 4, 5, 8, 10, 40\})$	96
40	$\mathcal{O}(0; \{4^3, 5, 8, 10, 40\})$	384
40	$\mathcal{O}(0; \{2, 5, 8^3, 10, 40\})$	768
40	$\mathcal{O}(0; \{2, 4, 8, 10^3, 40\})$	416
40	$\mathcal{O}(0; \{2^6, 8, 20, 40\})$	32

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{2^3, 4^2, 8, 20, 40\})$	128
40	$\mathcal{O}(0; \{4^4, 8, 20, 40\})$	512
40	$\mathcal{O}(0; \{2, 4, 8^3, 20, 40\})$	1024
40	$\mathcal{O}(0; \{2, 5^2, 8, 10, 20, 40\})$	1632
40	$\mathcal{O}(0; \{2, 4, 5, 8, 20^2, 40\})$	1664
40	$\mathcal{O}(0; \{2^3, 4, 5^2, 40^2\})$	416
40	$\mathcal{O}(0; \{4^3, 5^2, 40^2\})$	1664
40	$\mathcal{O}(0; \{2, 5^2, 8^2, 40^2\})$	3328
40	$\mathcal{O}(0; \{2, 4, 5, 10^2, 40^2\})$	1632
40	$\mathcal{O}(0; \{2, 5^3, 20, 40^2\})$	6560
40	$\mathcal{O}(0; \{2^4, 10, 20, 40^2\})$	416
40	$\mathcal{O}(0; \{2, 4^2, 10, 20, 40^2\})$	1664
40	$\mathcal{O}(0; \{2^2, 20^3, 40^2\})$	6528
40	$\mathcal{O}(0; \{2^4, 8, 40^3\})$	768
40	$\mathcal{O}(0; \{2, 4^2, 8, 40^3\})$	3072
40	$\mathcal{O}(0; \{2^2, 10, 40^4\})$	13056
40	$\mathcal{O}(0; \{20^2, 40^4\})$	209920
42	$\mathcal{O}(1; \{2, 3^2, 7, 14\})$	21168
42	$\mathcal{O}(1; \{7^2, 21^2\})$	492156
42	$\mathcal{O}(1; \{6, 7, 21, 42\})$	105840
42	$\mathcal{O}(1; \{2^2, 3, 42^2\})$	21168
42	$\mathcal{O}(1; \{6^2, 42^2\})$	63504
42	$\mathcal{O}(0; \{2^5, 3^2, 7, 14\})$	12
42	$\mathcal{O}(0; \{2, 3^5, 7, 14\})$	60
42	$\mathcal{O}(0; \{2^2, 3^3, 6, 7, 14\})$	36
42	$\mathcal{O}(0; \{2^3, 3, 6^2, 7, 14\})$	12
42	$\mathcal{O}(0; \{3^2, 6^3, 7, 14\})$	60
42	$\mathcal{O}(0; \{2, 6^4, 7, 14\})$	36
42	$\mathcal{O}(0; \{2^3, 3^2, 14^3\})$	60
42	$\mathcal{O}(0; \{3^3, 6, 14^3\})$	180
42	$\mathcal{O}(0; \{2, 3, 6^2, 14^3\})$	60
42	$\mathcal{O}(0; \{2, 3, 7^3, 14, 21\})$	2220
42	$\mathcal{O}(0; \{2^4, 7^2, 21^2\})$	372
42	$\mathcal{O}(0; \{2, 3, 6, 7^2, 21^2\})$	1116
42	$\mathcal{O}(0; \{2^2, 7, 14^2, 21^2\})$	2220
42	$\mathcal{O}(0; \{14^4, 21^2\})$	13332
42	$\mathcal{O}(0; \{2, 3^2, 14, 21^3\})$	1860
42	$\mathcal{O}(0; \{2^2, 6, 14, 21^3\})$	1116
42	$\mathcal{O}(0; \{3^3, 7^2, 14, 42\})$	1116
42	$\mathcal{O}(0; \{2, 3, 6, 7^2, 14, 42\})$	372
42	$\mathcal{O}(0; \{2^3, 3^2, 7, 21, 42\})$	180
42	$\mathcal{O}(0; \{2^4, 6, 7, 21, 42\})$	60
42	$\mathcal{O}(0; \{3^3, 6, 7, 21, 42\})$	660

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{2, 3, 6^2, 7, 21, 42\})$	300
42	$\mathcal{O}(0; \{2, 3^2, 14^2, 21, 42\})$	1116
42	$\mathcal{O}(0; \{2^2, 6, 14^2, 21, 42\})$	372
42	$\mathcal{O}(0; \{7, 14, 21^3, 42\})$	39996
42	$\mathcal{O}(0; \{6, 21^4, 42\})$	24420
42	$\mathcal{O}(0; \{2^6, 3, 42^2\})$	12
42	$\mathcal{O}(0; \{2^2, 3^4, 42^2\})$	132
42	$\mathcal{O}(0; \{2^3, 3^2, 6, 42^2\})$	60
42	$\mathcal{O}(0; \{2^4, 6^2, 42^2\})$	36
42	$\mathcal{O}(0; \{3^3, 6^2, 42^2\})$	252
42	$\mathcal{O}(0; \{2, 3, 6^3, 42^2\})$	132
42	$\mathcal{O}(0; \{2^2, 7^2, 21, 42^2\})$	2220
42	$\mathcal{O}(0; \{7, 14^2, 21, 42^2\})$	13332
42	$\mathcal{O}(0; \{6, 14, 21^2, 42^2\})$	11100
42	$\mathcal{O}(0; \{2, 3^2, 7, 42^3\})$	1860
42	$\mathcal{O}(0; \{2^2, 6, 7, 42^3\})$	1116
42	$\mathcal{O}(0; \{6, 14^2, 42^3\})$	6660
42	$\mathcal{O}(0; \{7^2, 42^4\})$	39996
44	$\mathcal{O}(1; \{2^3, 44^2\})$	38720
44	$\mathcal{O}(1; \{4^2, 44^2\})$	154880
44	$\mathcal{O}(0; \{2^2, 4, 11^3, 44\})$	1820
44	$\mathcal{O}(0; \{4, 11^2, 22^2, 44\})$	18180
44	$\mathcal{O}(0; \{2^7, 44^2\})$	20
44	$\mathcal{O}(0; \{2^4, 4^2, 44^2\})$	80
44	$\mathcal{O}(0; \{2, 4^4, 44^2\})$	320
45	$\mathcal{O}(1; \{5^2, 9^2\})$	48600
45	$\mathcal{O}(0; \{3^3, 5^2, 9^2\})$	192
45	$\mathcal{O}(0; \{5, 9^2, 15^3\})$	2496
45	$\mathcal{O}(0; \{5, 9^3, 15, 45\})$	3888
45	$\mathcal{O}(0; \{5^2, 9, 15, 45^2\})$	7344
45	$\mathcal{O}(0; \{3, 9, 15^2, 45^2\})$	7488
45	$\mathcal{O}(0; \{3, 9^2, 45^3\})$	19440
45	$\mathcal{O}(0; \{3, 5, 45^4\})$	66096
46	$\mathcal{O}(0; \{2, 23^4, 46\})$	224070
48	$\mathcal{O}(1; \{4^2, 6^2\})$	6912
48	$\mathcal{O}(1; \{3, 4, 6, 12\})$	6912
48	$\mathcal{O}(1; \{3^2, 12^2\})$	20736
48	$\mathcal{O}(1; \{2, 6, 12^2\})$	6912
48	$\mathcal{O}(1; \{3^2, 8, 24\})$	13824
48	$\mathcal{O}(1; \{2, 6, 8, 24\})$	13824
48	$\mathcal{O}(1; \{2, 4, 24^2\})$	27648
48	$\mathcal{O}(0; \{4, 6^2, 8, 16^2\})$	128
48	$\mathcal{O}(0; \{3, 6, 8, 12, 16^2\})$	128

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{2^2, 3^2, 16^2, 24\})$	64
48	$\mathcal{O}(0; \{2^3, 6, 16^2, 24\})$	64
48	$\mathcal{O}(0; \{4^2, 6, 16^2, 24\})$	256
48	$\mathcal{O}(0; \{3, 6^2, 16^2, 24\})$	192
48	$\mathcal{O}(0; \{3, 4, 12, 16^2, 24\})$	256
48	$\mathcal{O}(0; \{2, 12^2, 16^2, 24\})$	256
48	$\mathcal{O}(0; \{2, 8, 16^2, 24^2\})$	1024
48	$\mathcal{O}(0; \{2, 3^3, 4, 16, 48\})$	96
48	$\mathcal{O}(0; \{2^2, 3, 4, 6, 16, 48\})$	32
48	$\mathcal{O}(0; \{4, 6^3, 16, 48\})$	96
48	$\mathcal{O}(0; \{3, 6, 8^2, 16, 48\})$	256
48	$\mathcal{O}(0; \{2^2, 3^2, 12, 16, 48\})$	96
48	$\mathcal{O}(0; \{2^3, 6, 12, 16, 48\})$	32
48	$\mathcal{O}(0; \{4^2, 6, 12, 16, 48\})$	128
48	$\mathcal{O}(0; \{3, 6^2, 12, 16, 48\})$	160
48	$\mathcal{O}(0; \{3, 4, 12^2, 16, 48\})$	384
48	$\mathcal{O}(0; \{2, 12^3, 16, 48\})$	384
48	$\mathcal{O}(0; \{3, 4, 8, 16, 24, 48\})$	512
48	$\mathcal{O}(0; \{2, 8, 12, 16, 24, 48\})$	512
48	$\mathcal{O}(0; \{3^2, 16, 24^2, 48\})$	1280
48	$\mathcal{O}(0; \{2, 6, 16, 24^2, 48\})$	768
48	$\mathcal{O}(0; \{2^2, 3^2, 8, 48^2\})$	192
48	$\mathcal{O}(0; \{2^3, 6, 8, 48^2\})$	64
48	$\mathcal{O}(0; \{4^2, 6, 8, 48^2\})$	256
48	$\mathcal{O}(0; \{3, 6^2, 8, 48^2\})$	320
48	$\mathcal{O}(0; \{3, 4, 8, 12, 48^2\})$	768
48	$\mathcal{O}(0; \{2, 8, 12^2, 48^2\})$	768
48	$\mathcal{O}(0; \{3^2, 16^2, 48^2\})$	3072
48	$\mathcal{O}(0; \{2, 6, 16^2, 48^2\})$	1024
48	$\mathcal{O}(0; \{2^3, 4, 24, 48^2\})$	128
48	$\mathcal{O}(0; \{4^3, 24, 48^2\})$	512
48	$\mathcal{O}(0; \{3, 4, 6, 24, 48^2\})$	640
48	$\mathcal{O}(0; \{2, 8^2, 24, 48^2\})$	1024
48	$\mathcal{O}(0; \{3^2, 12, 24, 48^2\})$	1408
48	$\mathcal{O}(0; \{2, 6, 12, 24, 48^2\})$	640
48	$\mathcal{O}(0; \{2, 4, 48^4\})$	6144
50	$\mathcal{O}(0; \{2^3, 5^2, 25, 50\})$	320
50	$\mathcal{O}(0; \{2, 5, 10^2, 25, 50\})$	1280
50	$\mathcal{O}(0; \{2, 5^2, 50^3\})$	4800
52	$\mathcal{O}(1; \{2^2, 26^2\})$	24336
52	$\mathcal{O}(1; \{26, 52^2\})$	713856
52	$\mathcal{O}(0; \{2^3, 4^2, 26^2\})$	24
52	$\mathcal{O}(0; \{4^4, 26^2\})$	96

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
52	$\mathcal{O}(0; \{2^4, 26, 52^2\})$	264
52	$\mathcal{O}(0; \{2, 4^2, 26, 52^2\})$	1056
52	$\mathcal{O}(0; \{2^2, 52^4\})$	12768
54	$\mathcal{O}(1; \{9, 27^2\})$	236196
54	$\mathcal{O}(0; \{2^4, 9, 27^2\})$	108
54	$\mathcal{O}(0; \{2, 3, 6, 9, 27^2\})$	432
54	$\mathcal{O}(0; \{2^2, 18^2, 27^2\})$	648
54	$\mathcal{O}(0; \{18, 27^3, 54\})$	26244
54	$\mathcal{O}(0; \{2^2, 9, 27, 54^2\})$	972
54	$\mathcal{O}(0; \{18^2, 27, 54^2\})$	5832
54	$\mathcal{O}(0; \{9, 54^4\})$	26244
55	$\mathcal{O}(1; \{5, 55^2\})$	363000
55	$\mathcal{O}(0; \{11^2, 55^3\})$	109080
56	$\mathcal{O}(1; \{2^2, 7^2\})$	14112
56	$\mathcal{O}(1; \{7, 14^2\})$	70560
56	$\mathcal{O}(1; \{7, 8, 56\})$	75264
56	$\mathcal{O}(1; \{4, 56^2\})$	150528
56	$\mathcal{O}(0; \{2, 4, 7^2, 8^2\})$	48
56	$\mathcal{O}(0; \{2^4, 7, 8, 56\})$	24
56	$\mathcal{O}(0; \{2, 4^2, 7, 8, 56\})$	96
56	$\mathcal{O}(0; \{2^2, 8, 14^2, 56\})$	120
56	$\mathcal{O}(0; \{8, 14, 28^2, 56\})$	2976
56	$\mathcal{O}(0; \{2^4, 4, 56^2\})$	48
56	$\mathcal{O}(0; \{2, 4^3, 56^2\})$	192
56	$\mathcal{O}(0; \{2^2, 8^2, 56^2\})$	384
56	$\mathcal{O}(0; \{7, 14, 28, 56^2\})$	8880
57	$\mathcal{O}(1; \{3^4\})$	19440
60	$\mathcal{O}(1; \{3, 15^2\})$	21600
60	$\mathcal{O}(1; \{3, 10, 30\})$	21600
60	$\mathcal{O}(0; \{3^2, 4^2, 5, 10\})$	16
60	$\mathcal{O}(0; \{2, 3, 4, 5, 10, 12\})$	16
60	$\mathcal{O}(0; \{2^2, 5, 10, 12^2\})$	16
60	$\mathcal{O}(0; \{10^3, 12^2\})$	48
60	$\mathcal{O}(0; \{2, 3, 4^2, 15^2\})$	16
60	$\mathcal{O}(0; \{2^2, 4, 12, 15^2\})$	16
60	$\mathcal{O}(0; \{6, 12^2, 15^2\})$	80
60	$\mathcal{O}(0; \{6, 10, 12, 15, 20\})$	48
60	$\mathcal{O}(0; \{5, 12, 15^2, 20\})$	208
60	$\mathcal{O}(0; \{2, 3^2, 5, 20^2\})$	48
60	$\mathcal{O}(0; \{5, 12^2, 20^2\})$	192
60	$\mathcal{O}(0; \{2, 3, 4^2, 10, 30\})$	16
60	$\mathcal{O}(0; \{2^2, 4, 10, 12, 30\})$	16
60	$\mathcal{O}(0; \{6, 10, 12^2, 30\})$	48

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{5, 12^2, 15, 30\})$	144
60	$\mathcal{O}(0; \{5, 10, 12, 20, 30\})$	208
60	$\mathcal{O}(0; \{4, 15^2, 20, 30\})$	208
60	$\mathcal{O}(0; \{2^2, 3, 20^2, 30\})$	48
60	$\mathcal{O}(0; \{6^2, 20^2, 30\})$	48
60	$\mathcal{O}(0; \{4, 12, 20^2, 30\})$	192
60	$\mathcal{O}(0; \{4, 12, 15, 30^2\})$	144
60	$\mathcal{O}(0; \{4, 10, 20, 30^2\})$	208
60	$\mathcal{O}(0; \{3^3, 4, 5, 60\})$	48
60	$\mathcal{O}(0; \{2, 3, 4, 5, 6, 60\})$	16
60	$\mathcal{O}(0; \{2, 3^2, 5, 12, 60\})$	48
60	$\mathcal{O}(0; \{2^2, 5, 6, 12, 60\})$	16
60	$\mathcal{O}(0; \{6, 10^2, 12, 60\})$	48
60	$\mathcal{O}(0; \{5, 12^3, 60\})$	192
60	$\mathcal{O}(0; \{5, 10, 12, 15, 60\})$	208
60	$\mathcal{O}(0; \{4, 15^3, 60\})$	624
60	$\mathcal{O}(0; \{2^2, 3, 15, 20, 60\})$	48
60	$\mathcal{O}(0; \{6^2, 15, 20, 60\})$	144
60	$\mathcal{O}(0; \{4, 12, 15, 20, 60\})$	192
60	$\mathcal{O}(0; \{2, 3^2, 4, 30, 60\})$	48
60	$\mathcal{O}(0; \{2^2, 4, 6, 30, 60\})$	16
60	$\mathcal{O}(0; \{2^2, 3, 12, 30, 60\})$	48
60	$\mathcal{O}(0; \{6^2, 12, 30, 60\})$	80
60	$\mathcal{O}(0; \{4, 12^2, 30, 60\})$	192
60	$\mathcal{O}(0; \{4, 10, 15, 30, 60\})$	208
60	$\mathcal{O}(0; \{5, 6, 20, 30, 60\})$	208
60	$\mathcal{O}(0; \{3, 20, 30^2, 60\})$	624
60	$\mathcal{O}(0; \{2^2, 3, 10, 60^2\})$	48
60	$\mathcal{O}(0; \{6^2, 10, 60^2\})$	144
60	$\mathcal{O}(0; \{4, 10, 12, 60^2\})$	192
60	$\mathcal{O}(0; \{5, 6, 15, 60^2\})$	624
60	$\mathcal{O}(0; \{3, 20^2, 60^2\})$	832
60	$\mathcal{O}(0; \{5^2, 30, 60^2\})$	816
60	$\mathcal{O}(0; \{3, 15, 30, 60^2\})$	1040
60	$\mathcal{O}(0; \{4, 6, 60^3\})$	576
60	$\mathcal{O}(0; \{3, 12, 60^3\})$	960
62	$\mathcal{O}(1; \{2, 31, 62\})$	115320
62	$\mathcal{O}(0; \{2^5, 31, 62\})$	30
62	$\mathcal{O}(0; \{2^3, 62^3\})$	870
63	$\mathcal{O}(0; \{3, 9^2, 63^2\})$	1944
64	$\mathcal{O}(1; \{2, 16^2\})$	24576
64	$\mathcal{O}(0; \{2, 16, 32, 64^2\})$	4096
66	$\mathcal{O}(0; \{2, 11, 22, 33^2\})$	1820

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
66	$\mathcal{O}(0; \{3, 6, 11^2, 66\})$	180
66	$\mathcal{O}(0; \{2^2, 3^2, 66^2\})$	60
66	$\mathcal{O}(0; \{2^3, 6, 66^2\})$	20
66	$\mathcal{O}(0; \{3, 6^2, 66^2\})$	100
69	$\mathcal{O}(0; \{3^2, 23^3\})$	924
70	$\mathcal{O}(0; \{2, 5, 14, 35^2\})$	360
70	$\mathcal{O}(0; \{2, 7, 10, 14, 70\})$	120
70	$\mathcal{O}(0; \{2, 7^2, 35, 70\})$	744
70	$\mathcal{O}(0; \{2, 5, 10, 70^2\})$	312
72	$\mathcal{O}(0; \{2, 8, 9^2, 24\})$	48
72	$\mathcal{O}(0; \{2, 8^2, 9, 36\})$	48
72	$\mathcal{O}(0; \{2, 4, 9, 72^2\})$	144
72	$\mathcal{O}(0; \{2, 3, 36, 72^2\})$	288
76	$\mathcal{O}(2; \emptyset)$	31276800
76	$\mathcal{O}(1; \{2^4\})$	4320
76	$\mathcal{O}(1; \{2, 4^2\})$	11520
77	$\mathcal{O}(1; \{77^2\})$	355740
78	$\mathcal{O}(1; \{39^2\})$	109512
78	$\mathcal{O}(0; \{2^4, 39^2\})$	24
78	$\mathcal{O}(0; \{2, 3, 6, 39^2\})$	72
78	$\mathcal{O}(0; \{3^3, 26, 78\})$	72
78	$\mathcal{O}(0; \{2, 3, 6, 26, 78\})$	24
78	$\mathcal{O}(0; \{2^2, 39, 78^2\})$	264
78	$\mathcal{O}(0; \{78^4\})$	9576
80	$\mathcal{O}(1; \{20^2\})$	38400
80	$\mathcal{O}(0; \{2^2, 16, 40, 80\})$	128
80	$\mathcal{O}(0; \{20, 40, 80^2\})$	3328
80	$\mathcal{O}(0; \{16, 80^3\})$	6144
84	$\mathcal{O}(0; \{12, 21, 28, 42\})$	120
84	$\mathcal{O}(0; \{12, 21^2, 84\})$	360
84	$\mathcal{O}(0; \{12, 14, 42, 84\})$	120
84	$\mathcal{O}(0; \{2, 3^2, 84^2\})$	72
84	$\mathcal{O}(0; \{2^2, 6, 84^2\})$	24
84	$\mathcal{O}(0; \{12^2, 84^2\})$	288
84	$\mathcal{O}(0; \{7, 42, 84^2\})$	744
88	$\mathcal{O}(0; \{8, 11, 22, 88\})$	360
88	$\mathcal{O}(0; \{2^2, 4, 88^2\})$	80
88	$\mathcal{O}(0; \{8^2, 88^2\})$	640
90	$\mathcal{O}(0; \{10^2, 18^2\})$	24
90	$\mathcal{O}(0; \{6, 15, 18, 45\})$	96
90	$\mathcal{O}(0; \{5, 18, 30, 45\})$	144
90	$\mathcal{O}(0; \{6, 10, 45^2\})$	144
90	$\mathcal{O}(0; \{6, 9, 45, 90\})$	144

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
92	$\mathcal{O}(0; \{4, 23^2, 92\})$	924
93	$\mathcal{O}(0; \{3, 93^3\})$	5220
95	$\mathcal{O}(1; \{5^2\})$	36000
96	$\mathcal{O}(0; \{3, 32^2, 48\})$	256
96	$\mathcal{O}(0; \{3, 24, 32, 96\})$	128
96	$\mathcal{O}(0; \{3, 16, 96^2\})$	256
99	$\mathcal{O}(0; \{3, 9, 99^2\})$	360
100	$\mathcal{O}(0; \{4, 5, 50, 100\})$	160
104	$\mathcal{O}(0; \{2, 52, 104^2\})$	1056
105	$\mathcal{O}(0; \{3, 7, 15, 105\})$	48
105	$\mathcal{O}(0; \{3, 5, 105^2\})$	144
110	$\mathcal{O}(0; \{2, 11, 55, 110\})$	360
110	$\mathcal{O}(0; \{2, 10, 110^2\})$	120
112	$\mathcal{O}(0; \{2, 14, 16, 112\})$	48
112	$\mathcal{O}(0; \{2, 8, 112^2\})$	192
114	$\mathcal{O}(1; \{3^2\})$	19440
124	$\mathcal{O}(0; \{2, 4, 62, 124\})$	60
132	$\mathcal{O}(0; \{2, 3, 132^2\})$	40
152	$\mathcal{O}(1; \{2^2\})$	17280
154	$\mathcal{O}(0; \{2^2, 154^2\})$	60
155	$\mathcal{O}(0; \{155^3\})$	10440
156	$\mathcal{O}(0; \{78, 156^2\})$	528
160	$\mathcal{O}(0; \{32, 80, 160\})$	512
161	$\mathcal{O}(0; \{23, 161^2\})$	2772
165	$\mathcal{O}(0; \{15, 165^2\})$	240
168	$\mathcal{O}(0; \{21, 24, 168\})$	48
168	$\mathcal{O}(0; \{12, 168^2\})$	96
176	$\mathcal{O}(0; \{8, 176^2\})$	320
184	$\mathcal{O}(0; \{8, 23, 184\})$	88
186	$\mathcal{O}(0; \{6, 93, 186\})$	60
231	$\mathcal{O}(0; \{3, 231^2\})$	120
308	$\mathcal{O}(0; \{2, 308^2\})$	120
310	$\mathcal{O}(0; \{2, 155, 310\})$	120

Table 8: 78-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(78; \emptyset)$	1
2	$\mathcal{O}(39; \{2^2\})$	302231454903657293676544
2	$\mathcal{O}(38; \{2^6\})$	75557863725914323419136
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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(37; \{2^{10}\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^{14}\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{18}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{22}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{26}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{30}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{34}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{38}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{42}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{46}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{50}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{54}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{58}\})$	112589906842624
2	$\mathcal{O}(24; \{2^{62}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{66}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{70}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{74}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{78}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{82}\})$	274877906944
2	$\mathcal{O}(18; \{2^{86}\})$	68719476736
2	$\mathcal{O}(17; \{2^{90}\})$	17179869184
2	$\mathcal{O}(16; \{2^{94}\})$	4294967296
2	$\mathcal{O}(15; \{2^{98}\})$	1073741824
2	$\mathcal{O}(14; \{2^{102}\})$	268435456
2	$\mathcal{O}(13; \{2^{106}\})$	67108864
2	$\mathcal{O}(12; \{2^{110}\})$	16777216
2	$\mathcal{O}(11; \{2^{114}\})$	4194304
2	$\mathcal{O}(10; \{2^{118}\})$	1048576
2	$\mathcal{O}(9; \{2^{122}\})$	262144
2	$\mathcal{O}(8; \{2^{126}\})$	65536
2	$\mathcal{O}(7; \{2^{130}\})$	16384
2	$\mathcal{O}(6; \{2^{134}\})$	4096
2	$\mathcal{O}(5; \{2^{138}\})$	1024
2	$\mathcal{O}(4; \{2^{142}\})$	256
2	$\mathcal{O}(3; \{2^{146}\})$	64
2	$\mathcal{O}(2; \{2^{150}\})$	16
2	$\mathcal{O}(1; \{2^{154}\})$	4
2	$\mathcal{O}(0; \{2^{158}\})$	1
3	$\mathcal{O}(26; \{3^2\})$	12922163778453346597864482
3	$\mathcal{O}(25; \{3^5\})$	7178979876918525887702490
3	$\mathcal{O}(24; \{3^8\})$	6859914104611035848249046
3	$\mathcal{O}(23; \{3^{11}\})$	6044523797603005747423578
3	$\mathcal{O}(22; \{3^{14}\})$	5378818667726884553996022

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(21; \{3^{17}\})$	4780515635155774973841210
3	$\mathcal{O}(20; \{3^{20}\})$	4249420177242332096098326
3	$\mathcal{O}(19; \{3^{23}\})$	3777254274660655825245978
3	$\mathcal{O}(18; \{3^{26}\})$	3357560255821728071102262
3	$\mathcal{O}(17; \{3^{29}\})$	2984497905111779198535930
3	$\mathcal{O}(16; \{3^{32}\})$	2652887037884147087365206
3	$\mathcal{O}(15; \{3^{35}\})$	2358121810217228396201178
3	$\mathcal{O}(14; \{3^{38}\})$	2096108275885908218019702
3	$\mathcal{O}(13; \{3^{41}\})$	1863207356327778332158650
3	$\mathcal{O}(12; \{3^{44}\})$	1656184316737497539137686
3	$\mathcal{O}(11; \{3^{47}\})$	1472163837099809526209178
3	$\mathcal{O}(10; \{3^{50}\})$	1308590077422073832892342
3	$\mathcal{O}(9; \{3^{53}\})$	1163191179930729971381370
3	$\mathcal{O}(8; \{3^{56}\})$	1033947715493982455063766
3	$\mathcal{O}(7; \{3^{59}\})$	919064635994651042469978
3	$\mathcal{O}(6; \{3^{62}\})$	816946343106356485384182
3	$\mathcal{O}(5; \{3^{65}\})$	726174527205650208876090
3	$\mathcal{O}(4; \{3^{68}\})$	645488468627244630151446
3	$\mathcal{O}(3; \{3^{71}\})$	573767527668661893463578
3	$\mathcal{O}(2; \{3^{74}\})$	510015580149921683079222
3	$\mathcal{O}(1; \{3^{77}\})$	453347182355485940514810
3	$\mathcal{O}(0; \{3^{80}\})$	402975273204876391568726
4	$\mathcal{O}(19; \{2^2, 4^2\})$	151115727451828646838272
4	$\mathcal{O}(18; \{2^6, 4^2\})$	9444732965739290427392
4	$\mathcal{O}(18; \{2^3, 4^4\})$	37778931862957161709568
4	$\mathcal{O}(18; \{4^6\})$	151115727451828646838272
4	$\mathcal{O}(17; \{2^{10}, 4^2\})$	590295810358705651712
4	$\mathcal{O}(17; \{2^7, 4^4\})$	2361183241434822606848
4	$\mathcal{O}(17; \{2^4, 4^6\})$	9444732965739290427392
4	$\mathcal{O}(17; \{2, 4^8\})$	37778931862957161709568
4	$\mathcal{O}(16; \{2^{14}, 4^2\})$	36893488147419103232
4	$\mathcal{O}(16; \{2^{11}, 4^4\})$	147573952589676412928
4	$\mathcal{O}(16; \{2^8, 4^6\})$	590295810358705651712
4	$\mathcal{O}(16; \{2^5, 4^8\})$	2361183241434822606848
4	$\mathcal{O}(16; \{2^2, 4^{10}\})$	9444732965739290427392
4	$\mathcal{O}(15; \{2^{18}, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2^{15}, 4^4\})$	9223372036854775808
4	$\mathcal{O}(15; \{2^{12}, 4^6\})$	36893488147419103232
4	$\mathcal{O}(15; \{2^9, 4^8\})$	147573952589676412928
4	$\mathcal{O}(15; \{2^6, 4^{10}\})$	590295810358705651712
4	$\mathcal{O}(15; \{2^3, 4^{12}\})$	2361183241434822606848
4	$\mathcal{O}(15; \{4^{14}\})$	9444732965739290427392
4	$\mathcal{O}(14; \{2^{22}, 4^2\})$	144115188075855872

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(14; \{2^{19}, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^{16}, 4^6\})$	2305843009213693952
4	$\mathcal{O}(14; \{2^{13}, 4^8\})$	9223372036854775808
4	$\mathcal{O}(14; \{2^{10}, 4^{10}\})$	36893488147419103232
4	$\mathcal{O}(14; \{2^7, 4^{12}\})$	147573952589676412928
4	$\mathcal{O}(14; \{2^4, 4^{14}\})$	590295810358705651712
4	$\mathcal{O}(14; \{2, 4^{16}\})$	2361183241434822606848
4	$\mathcal{O}(13; \{2^{26}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^{23}, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^{20}, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^{17}, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{2^{14}, 4^{10}\})$	2305843009213693952
4	$\mathcal{O}(13; \{2^{11}, 4^{12}\})$	9223372036854775808
4	$\mathcal{O}(13; \{2^8, 4^{14}\})$	36893488147419103232
4	$\mathcal{O}(13; \{2^5, 4^{16}\})$	147573952589676412928
4	$\mathcal{O}(13; \{2^2, 4^{18}\})$	590295810358705651712
4	$\mathcal{O}(12; \{2^{30}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{27}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{24}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^{21}, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^{18}, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2^{15}, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(12; \{2^{12}, 4^{14}\})$	2305843009213693952
4	$\mathcal{O}(12; \{2^9, 4^{16}\})$	9223372036854775808
4	$\mathcal{O}(12; \{2^6, 4^{18}\})$	36893488147419103232
4	$\mathcal{O}(12; \{2^3, 4^{20}\})$	147573952589676412928
4	$\mathcal{O}(12; \{4^{22}\})$	590295810358705651712
4	$\mathcal{O}(11; \{2^{34}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{31}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{28}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{25}, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^{22}, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^{19}, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(11; \{2^{16}, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(11; \{2^{13}, 4^{16}\})$	576460752303423488
4	$\mathcal{O}(11; \{2^{10}, 4^{18}\})$	2305843009213693952
4	$\mathcal{O}(11; \{2^7, 4^{20}\})$	9223372036854775808
4	$\mathcal{O}(11; \{2^4, 4^{22}\})$	36893488147419103232
4	$\mathcal{O}(11; \{2, 4^{24}\})$	147573952589676412928
4	$\mathcal{O}(10; \{2^{38}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{35}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{32}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{29}, 4^8\})$	140737488355328

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(10; \{2^{26}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^{23}, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^{20}, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^{17}, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(10; \{2^{14}, 4^{18}\})$	144115188075855872
4	$\mathcal{O}(10; \{2^{11}, 4^{20}\})$	576460752303423488
4	$\mathcal{O}(10; \{2^8, 4^{22}\})$	2305843009213693952
4	$\mathcal{O}(10; \{2^5, 4^{24}\})$	9223372036854775808
4	$\mathcal{O}(10; \{2^2, 4^{26}\})$	36893488147419103232
4	$\mathcal{O}(9; \{2^{42}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{39}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{36}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{33}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{30}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{27}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^{24}, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^{21}, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^{18}, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(9; \{2^{15}, 4^{20}\})$	36028797018963968
4	$\mathcal{O}(9; \{2^{12}, 4^{22}\})$	144115188075855872
4	$\mathcal{O}(9; \{2^9, 4^{24}\})$	576460752303423488
4	$\mathcal{O}(9; \{2^6, 4^{26}\})$	2305843009213693952
4	$\mathcal{O}(9; \{2^3, 4^{28}\})$	9223372036854775808
4	$\mathcal{O}(9; \{4^{30}\})$	36893488147419103232
4	$\mathcal{O}(8; \{2^{46}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{43}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{40}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{37}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{34}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{31}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{28}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^{25}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^{22}, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^{19}, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^{16}, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(8; \{2^{13}, 4^{24}\})$	36028797018963968
4	$\mathcal{O}(8; \{2^{10}, 4^{26}\})$	144115188075855872
4	$\mathcal{O}(8; \{2^7, 4^{28}\})$	576460752303423488
4	$\mathcal{O}(8; \{2^4, 4^{30}\})$	2305843009213693952
4	$\mathcal{O}(8; \{2, 4^{32}\})$	9223372036854775808
4	$\mathcal{O}(7; \{2^{50}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{47}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{44}, 4^6\})$	8589934592

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(7; \{2^{41}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{38}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{35}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{32}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{29}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{26}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^{23}, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^{20}, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^{17}, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(7; \{2^{14}, 4^{26}\})$	9007199254740992
4	$\mathcal{O}(7; \{2^{11}, 4^{28}\})$	36028797018963968
4	$\mathcal{O}(7; \{2^8, 4^{30}\})$	144115188075855872
4	$\mathcal{O}(7; \{2^5, 4^{32}\})$	576460752303423488
4	$\mathcal{O}(7; \{2^2, 4^{34}\})$	2305843009213693952
4	$\mathcal{O}(6; \{2^{54}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{51}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{48}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{45}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{42}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{39}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{36}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{33}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{30}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{27}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{24}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^{21}, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^{18}, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2^{15}, 4^{28}\})$	2251799813685248
4	$\mathcal{O}(6; \{2^{12}, 4^{30}\})$	9007199254740992
4	$\mathcal{O}(6; \{2^9, 4^{32}\})$	36028797018963968
4	$\mathcal{O}(6; \{2^6, 4^{34}\})$	144115188075855872
4	$\mathcal{O}(6; \{2^3, 4^{36}\})$	576460752303423488
4	$\mathcal{O}(6; \{4^{38}\})$	2305843009213693952
4	$\mathcal{O}(5; \{2^{58}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{55}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{52}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{49}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{46}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{43}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{40}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{37}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{34}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{31}, 4^{20}\})$	549755813888

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(5; \{2^{28}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{25}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^{22}, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^{19}, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2^{16}, 4^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{2^{13}, 4^{32}\})$	2251799813685248
4	$\mathcal{O}(5; \{2^{10}, 4^{34}\})$	9007199254740992
4	$\mathcal{O}(5; \{2^7, 4^{36}\})$	36028797018963968
4	$\mathcal{O}(5; \{2^4, 4^{38}\})$	144115188075855872
4	$\mathcal{O}(5; \{2, 4^{40}\})$	576460752303423488
4	$\mathcal{O}(4; \{2^{62}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{59}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{56}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{53}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{50}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{47}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{44}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{41}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{38}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{35}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{32}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{29}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{26}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^{23}, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^{20}, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^{17}, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{2^{14}, 4^{34}\})$	562949953421312
4	$\mathcal{O}(4; \{2^{11}, 4^{36}\})$	2251799813685248
4	$\mathcal{O}(4; \{2^8, 4^{38}\})$	9007199254740992
4	$\mathcal{O}(4; \{2^5, 4^{40}\})$	36028797018963968
4	$\mathcal{O}(4; \{2^2, 4^{42}\})$	144115188075855872
4	$\mathcal{O}(3; \{2^{66}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{63}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{60}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{57}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{54}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{51}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{48}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{45}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{42}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{39}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{36}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{33}, 4^{24}\})$	34359738368

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{2^{30}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{27}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{24}, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^{21}, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^{18}, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{2^{15}, 4^{36}\})$	140737488355328
4	$\mathcal{O}(3; \{2^{12}, 4^{38}\})$	562949953421312
4	$\mathcal{O}(3; \{2^9, 4^{40}\})$	2251799813685248
4	$\mathcal{O}(3; \{2^6, 4^{42}\})$	9007199254740992
4	$\mathcal{O}(3; \{2^3, 4^{44}\})$	36028797018963968
4	$\mathcal{O}(3; \{4^{46}\})$	144115188075855872
4	$\mathcal{O}(2; \{2^{70}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{67}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{64}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{61}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{58}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{55}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{52}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{49}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{46}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{43}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{40}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{37}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{34}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{31}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{28}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{25}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^{22}, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^{19}, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^{16}, 4^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{2^{13}, 4^{40}\})$	140737488355328
4	$\mathcal{O}(2; \{2^{10}, 4^{42}\})$	562949953421312
4	$\mathcal{O}(2; \{2^7, 4^{44}\})$	2251799813685248
4	$\mathcal{O}(2; \{2^4, 4^{46}\})$	9007199254740992
4	$\mathcal{O}(2; \{2, 4^{48}\})$	36028797018963968
4	$\mathcal{O}(1; \{2^{74}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{71}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{68}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{65}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{62}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{59}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{56}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{53}, 4^{16}\})$	524288

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{2^{50}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{47}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{44}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{41}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{38}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{35}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{32}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{29}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{26}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^{23}, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^{20}, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^{17}, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{2^{14}, 4^{42}\})$	35184372088832
4	$\mathcal{O}(1; \{2^{11}, 4^{44}\})$	140737488355328
4	$\mathcal{O}(1; \{2^8, 4^{46}\})$	562949953421312
4	$\mathcal{O}(1; \{2^5, 4^{48}\})$	2251799813685248
4	$\mathcal{O}(1; \{2^2, 4^{50}\})$	9007199254740992
4	$\mathcal{O}(0; \{2^{78}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{75}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{72}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{69}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{66}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{63}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{60}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{57}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{54}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{51}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{48}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{45}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{42}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{39}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{36}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{33}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{30}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{27}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{24}, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^{21}, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^{18}, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2^{15}, 4^{44}\})$	8796093022208
4	$\mathcal{O}(0; \{2^{12}, 4^{46}\})$	35184372088832
4	$\mathcal{O}(0; \{2^9, 4^{48}\})$	140737488355328
4	$\mathcal{O}(0; \{2^6, 4^{50}\})$	562949953421312
4	$\mathcal{O}(0; \{2^3, 4^{52}\})$	2251799813685248

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{4^{54}\})$	9007199254740992
5	$\mathcal{O}(14; \{5^6\})$	30547380447387695312500
5	$\mathcal{O}(12; \{5^{11}\})$	49999952316284179687500
5	$\mathcal{O}(10; \{5^{16}\})$	81920000076293945312500
5	$\mathcal{O}(8; \{5^{21}\})$	134217727999877929687500
5	$\mathcal{O}(6; \{5^{26}\})$	219902325555200195312500
5	$\mathcal{O}(4; \{5^{31}\})$	360287970189639679687500
5	$\mathcal{O}(2; \{5^{36}\})$	590295810358705651712500
5	$\mathcal{O}(0; \{5^{41}\})$	967140655691703339764940
6	$\mathcal{O}(13; \{6^2\})$	341163456359156416512
6	$\mathcal{O}(12; \{2^2, 3^4\})$	28430288029929701376
6	$\mathcal{O}(12; \{2^3, 3^2, 6\})$	9476762676643233792
6	$\mathcal{O}(12; \{2^4, 6^2\})$	9476762676643233792
6	$\mathcal{O}(12; \{3^3, 6^2\})$	47383813383216168960
6	$\mathcal{O}(12; \{2, 3, 6^3\})$	28430288029929701376
6	$\mathcal{O}(11; \{2^6, 3^4\})$	789730223053602816
6	$\mathcal{O}(11; \{2^2, 3^7\})$	5528111561375219712
6	$\mathcal{O}(11; \{2^7, 3^2, 6\})$	263243407684534272
6	$\mathcal{O}(11; \{2^3, 3^5, 6\})$	2895677484529876992
6	$\mathcal{O}(11; \{2^8, 6^2\})$	263243407684534272
6	$\mathcal{O}(11; \{2^4, 3^3, 6^2\})$	1316217038422671360
6	$\mathcal{O}(11; \{3^6, 6^2\})$	11319466530434973696
6	$\mathcal{O}(11; \{2^5, 3, 6^3\})$	789730223053602816
6	$\mathcal{O}(11; \{2, 3^4, 6^3\})$	5528111561375219712
6	$\mathcal{O}(11; \{2^2, 3^2, 6^4\})$	2895677484529876992
6	$\mathcal{O}(11; \{2^3, 6^5\})$	1316217038422671360
6	$\mathcal{O}(11; \{3, 6^6\})$	5528111561375219712
6	$\mathcal{O}(10; \{2^{10}, 3^4\})$	21936950640377856
6	$\mathcal{O}(10; \{2^6, 3^7\})$	153558654482644992
6	$\mathcal{O}(10; \{2^2, 3^{10}\})$	1250406186501537792
6	$\mathcal{O}(10; \{2^{11}, 3^2, 6\})$	7312316880125952
6	$\mathcal{O}(10; \{2^7, 3^5, 6\})$	80435485681385472
6	$\mathcal{O}(10; \{2^3, 3^8, 6\})$	621546934810705920
6	$\mathcal{O}(10; \{2^{12}, 6^2\})$	7312316880125952
6	$\mathcal{O}(10; \{2^8, 3^3, 6^2\})$	36561584400629760
6	$\mathcal{O}(10; \{2^4, 3^6, 6^2\})$	314429625845415936
6	$\mathcal{O}(10; \{3^9, 6^2\})$	2493500056122949632
6	$\mathcal{O}(10; \{2^9, 3, 6^3\})$	21936950640377856
6	$\mathcal{O}(10; \{2^5, 3^4, 6^3\})$	153558654482644992
6	$\mathcal{O}(10; \{2, 3^7, 6^3\})$	1250406186501537792
6	$\mathcal{O}(10; \{2^6, 3^2, 6^4\})$	80435485681385472
6	$\mathcal{O}(10; \{2^2, 3^5, 6^4\})$	621546934810705920
6	$\mathcal{O}(10; \{2^7, 6^5\})$	36561584400629760

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{2^3, 3^3, 6^5\})$	314429625845415936
6	$\mathcal{O}(10; \{2^4, 3, 6^6\})$	153558654482644992
6	$\mathcal{O}(10; \{3^4, 6^6\})$	1250406186501537792
6	$\mathcal{O}(10; \{2, 3^2, 6^7\})$	621546934810705920
6	$\mathcal{O}(10; \{2^2, 6^8\})$	314429625845415936
6	$\mathcal{O}(9; \{2^{14}, 3^4\})$	609359740010496
6	$\mathcal{O}(9; \{2^{10}, 3^7\})$	4265518180073472
6	$\mathcal{O}(9; \{2^6, 3^{10}\})$	34733505180598272
6	$\mathcal{O}(9; \{2^2, 3^{13}\})$	277258681704775680
6	$\mathcal{O}(9; \{2^{15}, 3^2, 6\})$	203119913336832
6	$\mathcal{O}(9; \{2^{11}, 3^5, 6\})$	2234319046705152
6	$\mathcal{O}(9; \{2^7, 3^8, 6\})$	17265192633630720
6	$\mathcal{O}(9; \{2^3, 3^{11}, 6\})$	138730900809056256
6	$\mathcal{O}(9; \{2^{16}, 6^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^{12}, 3^3, 6^2\})$	1015599566684160
6	$\mathcal{O}(9; \{2^8, 3^6, 6^2\})$	8734156273483776
6	$\mathcal{O}(9; \{2^4, 3^9, 6^2\})$	69263890447859712
6	$\mathcal{O}(9; \{3^{12}, 6^2\})$	554720483322888192
6	$\mathcal{O}(9; \{2^{13}, 3, 6^3\})$	609359740010496
6	$\mathcal{O}(9; \{2^9, 3^4, 6^3\})$	4265518180073472
6	$\mathcal{O}(9; \{2^5, 3^7, 6^3\})$	34733505180598272
6	$\mathcal{O}(9; \{2, 3^{10}, 6^3\})$	277258681704775680
6	$\mathcal{O}(9; \{2^{10}, 3^2, 6^4\})$	2234319046705152
6	$\mathcal{O}(9; \{2^6, 3^5, 6^4\})$	17265192633630720
6	$\mathcal{O}(9; \{2^2, 3^8, 6^4\})$	138730900809056256
6	$\mathcal{O}(9; \{2^{11}, 6^5\})$	1015599566684160
6	$\mathcal{O}(9; \{2^7, 3^3, 6^5\})$	8734156273483776
6	$\mathcal{O}(9; \{2^3, 3^6, 6^5\})$	69263890447859712
6	$\mathcal{O}(9; \{2^8, 3, 6^6\})$	4265518180073472
6	$\mathcal{O}(9; \{2^4, 3^4, 6^6\})$	34733505180598272
6	$\mathcal{O}(9; \{3^7, 6^6\})$	277258681704775680
6	$\mathcal{O}(9; \{2^5, 3^2, 6^7\})$	17265192633630720
6	$\mathcal{O}(9; \{2, 3^5, 6^7\})$	138730900809056256
6	$\mathcal{O}(9; \{2^6, 6^8\})$	8734156273483776
6	$\mathcal{O}(9; \{2^2, 3^3, 6^8\})$	69263890447859712
6	$\mathcal{O}(9; \{2^3, 3, 6^9\})$	34733505180598272
6	$\mathcal{O}(9; \{3^2, 6^{10}\})$	138730900809056256
6	$\mathcal{O}(9; \{2, 6^{11}\})$	69263890447859712
6	$\mathcal{O}(8; \{2^{18}, 3^4\})$	169266594444736
6	$\mathcal{O}(8; \{2^{14}, 3^7\})$	118486616113152
6	$\mathcal{O}(8; \{2^{10}, 3^{10}\})$	964819588349952
6	$\mathcal{O}(8; \{2^6, 3^{13}\})$	7701630047354880
6	$\mathcal{O}(8; \{2^2, 3^{16}\})$	61629967038283776

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{2^{19}, 3^2, 6\})$	5642219814912
6	$\mathcal{O}(8; \{2^{15}, 3^5, 6\})$	62064417964032
6	$\mathcal{O}(8; \{2^{11}, 3^8, 6\})$	479588684267520
6	$\mathcal{O}(8; \{2^7, 3^{11}, 6\})$	3853636133584896
6	$\mathcal{O}(8; \{2^3, 3^{14}, 6\})$	30812162409234432
6	$\mathcal{O}(8; \{2^{20}, 6^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^{16}, 3^3, 6^2\})$	28211099074560
6	$\mathcal{O}(8; \{2^{12}, 3^6, 6^2\})$	242615452041216
6	$\mathcal{O}(8; \{2^8, 3^9, 6^2\})$	1923996956884992
6	$\mathcal{O}(8; \{2^4, 3^{12}, 6^2\})$	15408902314524672
6	$\mathcal{O}(8; \{3^{15}, 6^2\})$	123254291856752640
6	$\mathcal{O}(8; \{2^{17}, 3, 6^3\})$	16926659444736
6	$\mathcal{O}(8; \{2^{13}, 3^4, 6^3\})$	118486616113152
6	$\mathcal{O}(8; \{2^9, 3^7, 6^3\})$	964819588349952
6	$\mathcal{O}(8; \{2^5, 3^{10}, 6^3\})$	7701630047354880
6	$\mathcal{O}(8; \{2, 3^{13}, 6^3\})$	61629967038283776
6	$\mathcal{O}(8; \{2^{14}, 3^2, 6^4\})$	62064417964032
6	$\mathcal{O}(8; \{2^{10}, 3^5, 6^4\})$	479588684267520
6	$\mathcal{O}(8; \{2^6, 3^8, 6^4\})$	3853636133584896
6	$\mathcal{O}(8; \{2^2, 3^{11}, 6^4\})$	30812162409234432
6	$\mathcal{O}(8; \{2^{15}, 6^5\})$	28211099074560
6	$\mathcal{O}(8; \{2^{11}, 3^3, 6^5\})$	242615452041216
6	$\mathcal{O}(8; \{2^7, 3^6, 6^5\})$	1923996956884992
6	$\mathcal{O}(8; \{2^3, 3^9, 6^5\})$	15408902314524672
6	$\mathcal{O}(8; \{2^{12}, 3, 6^6\})$	118486616113152
6	$\mathcal{O}(8; \{2^8, 3^4, 6^6\})$	964819588349952
6	$\mathcal{O}(8; \{2^4, 3^7, 6^6\})$	7701630047354880
6	$\mathcal{O}(8; \{3^{10}, 6^6\})$	61629967038283776
6	$\mathcal{O}(8; \{2^9, 3^2, 6^7\})$	479588684267520
6	$\mathcal{O}(8; \{2^5, 3^5, 6^7\})$	3853636133584896
6	$\mathcal{O}(8; \{2, 3^8, 6^7\})$	30812162409234432
6	$\mathcal{O}(8; \{2^{10}, 6^8\})$	242615452041216
6	$\mathcal{O}(8; \{2^6, 3^3, 6^8\})$	1923996956884992
6	$\mathcal{O}(8; \{2^2, 3^6, 6^8\})$	15408902314524672
6	$\mathcal{O}(8; \{2^7, 3, 6^9\})$	964819588349952
6	$\mathcal{O}(8; \{2^3, 3^4, 6^9\})$	7701630047354880
6	$\mathcal{O}(8; \{2^4, 3^2, 6^{10}\})$	3853636133584896
6	$\mathcal{O}(8; \{3^5, 6^{10}\})$	30812162409234432
6	$\mathcal{O}(8; \{2^5, 6^{11}\})$	1923996956884992
6	$\mathcal{O}(8; \{2, 3^3, 6^{11}\})$	15408902314524672
6	$\mathcal{O}(8; \{2^2, 3, 6^{12}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^{14}\})$	15408902314524672
6	$\mathcal{O}(7; \{2^{22}, 3^4\})$	470184984576

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{2^{18}, 3^7\})$	3291294892032
6	$\mathcal{O}(7; \{2^{14}, 3^{10}\})$	26800544120832
6	$\mathcal{O}(7; \{2^{10}, 3^{13}\})$	213934167982080
6	$\mathcal{O}(7; \{2^6, 3^{16}\})$	1711943528841216
6	$\mathcal{O}(7; \{2^2, 3^{19}\})$	13695078045745152
6	$\mathcal{O}(7; \{2^{23}, 3^2, 6\})$	156728328192
6	$\mathcal{O}(7; \{2^{19}, 3^5, 6\})$	1724011610112
6	$\mathcal{O}(7; \{2^{15}, 3^8, 6\})$	13321907896320
6	$\mathcal{O}(7; \{2^{11}, 3^{11}, 6\})$	107045448155136
6	$\mathcal{O}(7; \{2^7, 3^{14}, 6\})$	855893400256512
6	$\mathcal{O}(7; \{2^3, 3^{17}, 6\})$	6847617387036672
6	$\mathcal{O}(7; \{2^{24}, 6^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{20}, 3^3, 6^2\})$	783641640960
6	$\mathcal{O}(7; \{2^{16}, 3^6, 6^2\})$	6739318112256
6	$\mathcal{O}(7; \{2^{12}, 3^9, 6^2\})$	53444359913472
6	$\mathcal{O}(7; \{2^8, 3^{12}, 6^2\})$	428025064292352
6	$\mathcal{O}(7; \{2^4, 3^{15}, 6^2\})$	3423730329354240
6	$\mathcal{O}(7; \{3^{18}, 6^2\})$	27390312819818496
6	$\mathcal{O}(7; \{2^{21}, 3, 6^3\})$	470184984576
6	$\mathcal{O}(7; \{2^{17}, 3^4, 6^3\})$	3291294892032
6	$\mathcal{O}(7; \{2^{13}, 3^7, 6^3\})$	26800544120832
6	$\mathcal{O}(7; \{2^9, 3^{10}, 6^3\})$	213934167982080
6	$\mathcal{O}(7; \{2^5, 3^{13}, 6^3\})$	1711943528841216
6	$\mathcal{O}(7; \{2, 3^{16}, 6^3\})$	13695078045745152
6	$\mathcal{O}(7; \{2^{18}, 3^2, 6^4\})$	1724011610112
6	$\mathcal{O}(7; \{2^{14}, 3^5, 6^4\})$	13321907896320
6	$\mathcal{O}(7; \{2^{10}, 3^8, 6^4\})$	107045448155136
6	$\mathcal{O}(7; \{2^6, 3^{11}, 6^4\})$	855893400256512
6	$\mathcal{O}(7; \{2^2, 3^{14}, 6^4\})$	6847617387036672
6	$\mathcal{O}(7; \{2^{19}, 6^5\})$	783641640960
6	$\mathcal{O}(7; \{2^{15}, 3^3, 6^5\})$	6739318112256
6	$\mathcal{O}(7; \{2^{11}, 3^6, 6^5\})$	53444359913472
6	$\mathcal{O}(7; \{2^7, 3^9, 6^5\})$	428025064292352
6	$\mathcal{O}(7; \{2^3, 3^{12}, 6^5\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{16}, 3, 6^6\})$	3291294892032
6	$\mathcal{O}(7; \{2^{12}, 3^4, 6^6\})$	26800544120832
6	$\mathcal{O}(7; \{2^8, 3^7, 6^6\})$	213934167982080
6	$\mathcal{O}(7; \{2^4, 3^{10}, 6^6\})$	1711943528841216
6	$\mathcal{O}(7; \{3^{13}, 6^6\})$	13695078045745152
6	$\mathcal{O}(7; \{2^{13}, 3^2, 6^7\})$	13321907896320
6	$\mathcal{O}(7; \{2^9, 3^5, 6^7\})$	107045448155136
6	$\mathcal{O}(7; \{2^5, 3^8, 6^7\})$	855893400256512
6	$\mathcal{O}(7; \{2, 3^{11}, 6^7\})$	6847617387036672

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{2^{14}, 6^8\})$	6739318112256
6	$\mathcal{O}(7; \{2^{10}, 3^3, 6^8\})$	53444359913472
6	$\mathcal{O}(7; \{2^6, 3^6, 6^8\})$	428025064292352
6	$\mathcal{O}(7; \{2^2, 3^9, 6^8\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{11}, 3, 6^9\})$	26800544120832
6	$\mathcal{O}(7; \{2^7, 3^4, 6^9\})$	213934167982080
6	$\mathcal{O}(7; \{2^3, 3^7, 6^9\})$	1711943528841216
6	$\mathcal{O}(7; \{2^8, 3^2, 6^{10}\})$	107045448155136
6	$\mathcal{O}(7; \{2^4, 3^5, 6^{10}\})$	855893400256512
6	$\mathcal{O}(7; \{3^8, 6^{10}\})$	6847617387036672
6	$\mathcal{O}(7; \{2^9, 6^{11}\})$	53444359913472
6	$\mathcal{O}(7; \{2^5, 3^3, 6^{11}\})$	428025064292352
6	$\mathcal{O}(7; \{2, 3^6, 6^{11}\})$	3423730329354240
6	$\mathcal{O}(7; \{2^6, 3, 6^{12}\})$	213934167982080
6	$\mathcal{O}(7; \{2^2, 3^4, 6^{12}\})$	1711943528841216
6	$\mathcal{O}(7; \{2^3, 3^2, 6^{13}\})$	855893400256512
6	$\mathcal{O}(7; \{2^4, 6^{14}\})$	428025064292352
6	$\mathcal{O}(7; \{3^3, 6^{14}\})$	3423730329354240
6	$\mathcal{O}(7; \{2, 3, 6^{15}\})$	1711943528841216
6	$\mathcal{O}(6; \{2^{26}, 3^4\})$	13060694016
6	$\mathcal{O}(6; \{2^{22}, 3^7\})$	91424858112
6	$\mathcal{O}(6; \{2^{18}, 3^{10}\})$	744459558912
6	$\mathcal{O}(6; \{2^{14}, 3^{13}\})$	5942615777280
6	$\mathcal{O}(6; \{2^{10}, 3^{16}\})$	47553986912256
6	$\mathcal{O}(6; \{2^6, 3^{19}\})$	380418834604032
6	$\mathcal{O}(6; \{2^2, 3^{22}\})$	3043363737526272
6	$\mathcal{O}(6; \{2^{27}, 3^2, 6\})$	4353564672
6	$\mathcal{O}(6; \{2^{23}, 3^5, 6\})$	47889211392
6	$\mathcal{O}(6; \{2^{19}, 3^8, 6\})$	370052997120
6	$\mathcal{O}(6; \{2^{15}, 3^{11}, 6\})$	2973484670976
6	$\mathcal{O}(6; \{2^{11}, 3^{14}, 6\})$	23774816673792
6	$\mathcal{O}(6; \{2^7, 3^{17}, 6\})$	190211594084352
6	$\mathcal{O}(6; \{2^3, 3^{20}, 6\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{28}, 6^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{24}, 3^3, 6^2\})$	21767823360
6	$\mathcal{O}(6; \{2^{20}, 3^6, 6^2\})$	187203280896
6	$\mathcal{O}(6; \{2^{16}, 3^9, 6^2\})$	1484565553152
6	$\mathcal{O}(6; \{2^{12}, 3^{12}, 6^2\})$	11889585119232
6	$\mathcal{O}(6; \{2^8, 3^{15}, 6^2\})$	95103620259840
6	$\mathcal{O}(6; \{2^4, 3^{18}, 6^2\})$	760842022772736
6	$\mathcal{O}(6; \{3^{21}, 6^2\})$	6086723121487872
6	$\mathcal{O}(6; \{2^{25}, 3, 6^3\})$	13060694016
6	$\mathcal{O}(6; \{2^{21}, 3^4, 6^3\})$	91424858112

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^{17}, 3^7, 6^3\})$	744459558912
6	$\mathcal{O}(6; \{2^{13}, 3^{10}, 6^3\})$	5942615777280
6	$\mathcal{O}(6; \{2^9, 3^{13}, 6^3\})$	47553986912256
6	$\mathcal{O}(6; \{2^5, 3^{16}, 6^3\})$	380418834604032
6	$\mathcal{O}(6; \{2, 3^{19}, 6^3\})$	3043363737526272
6	$\mathcal{O}(6; \{2^{22}, 3^2, 6^4\})$	47889211392
6	$\mathcal{O}(6; \{2^{18}, 3^5, 6^4\})$	370052997120
6	$\mathcal{O}(6; \{2^{14}, 3^8, 6^4\})$	2973484670976
6	$\mathcal{O}(6; \{2^{10}, 3^{11}, 6^4\})$	23774816673792
6	$\mathcal{O}(6; \{2^6, 3^{14}, 6^4\})$	190211594084352
6	$\mathcal{O}(6; \{2^2, 3^{17}, 6^4\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{23}, 6^5\})$	21767823360
6	$\mathcal{O}(6; \{2^{19}, 3^3, 6^5\})$	187203280896
6	$\mathcal{O}(6; \{2^{15}, 3^6, 6^5\})$	1484565553152
6	$\mathcal{O}(6; \{2^{11}, 3^9, 6^5\})$	11889585119232
6	$\mathcal{O}(6; \{2^7, 3^{12}, 6^5\})$	95103620259840
6	$\mathcal{O}(6; \{2^3, 3^{15}, 6^5\})$	760842022772736
6	$\mathcal{O}(6; \{2^{20}, 3, 6^6\})$	91424858112
6	$\mathcal{O}(6; \{2^{16}, 3^4, 6^6\})$	744459558912
6	$\mathcal{O}(6; \{2^{12}, 3^7, 6^6\})$	5942615777280
6	$\mathcal{O}(6; \{2^8, 3^{10}, 6^6\})$	47553986912256
6	$\mathcal{O}(6; \{2^4, 3^{13}, 6^6\})$	380418834604032
6	$\mathcal{O}(6; \{3^{16}, 6^6\})$	3043363737526272
6	$\mathcal{O}(6; \{2^{17}, 3^2, 6^7\})$	370052997120
6	$\mathcal{O}(6; \{2^{13}, 3^5, 6^7\})$	2973484670976
6	$\mathcal{O}(6; \{2^9, 3^8, 6^7\})$	23774816673792
6	$\mathcal{O}(6; \{2^5, 3^{11}, 6^7\})$	190211594084352
6	$\mathcal{O}(6; \{2, 3^{14}, 6^7\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{18}, 6^8\})$	187203280896
6	$\mathcal{O}(6; \{2^{14}, 3^3, 6^8\})$	1484565553152
6	$\mathcal{O}(6; \{2^{10}, 3^6, 6^8\})$	11889585119232
6	$\mathcal{O}(6; \{2^6, 3^9, 6^8\})$	95103620259840
6	$\mathcal{O}(6; \{2^2, 3^{12}, 6^8\})$	760842022772736
6	$\mathcal{O}(6; \{2^{15}, 3, 6^9\})$	744459558912
6	$\mathcal{O}(6; \{2^{11}, 3^4, 6^9\})$	5942615777280
6	$\mathcal{O}(6; \{2^7, 3^7, 6^9\})$	47553986912256
6	$\mathcal{O}(6; \{2^3, 3^{10}, 6^9\})$	380418834604032
6	$\mathcal{O}(6; \{2^{12}, 3^2, 6^{10}\})$	2973484670976
6	$\mathcal{O}(6; \{2^8, 3^5, 6^{10}\})$	23774816673792
6	$\mathcal{O}(6; \{2^4, 3^8, 6^{10}\})$	190211594084352
6	$\mathcal{O}(6; \{3^{11}, 6^{10}\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{13}, 6^{11}\})$	1484565553152
6	$\mathcal{O}(6; \{2^9, 3^3, 6^{11}\})$	11889585119232

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^5, 3^6, 6^{11}\})$	95103620259840
6	$\mathcal{O}(6; \{2, 3^9, 6^{11}\})$	760842022772736
6	$\mathcal{O}(6; \{2^{10}, 3, 6^{12}\})$	5942615777280
6	$\mathcal{O}(6; \{2^6, 3^4, 6^{12}\})$	47553986912256
6	$\mathcal{O}(6; \{2^2, 3^7, 6^{12}\})$	380418834604032
6	$\mathcal{O}(6; \{2^7, 3^2, 6^{13}\})$	23774816673792
6	$\mathcal{O}(6; \{2^3, 3^5, 6^{13}\})$	190211594084352
6	$\mathcal{O}(6; \{2^8, 6^{14}\})$	11889585119232
6	$\mathcal{O}(6; \{2^4, 3^3, 6^{14}\})$	95103620259840
6	$\mathcal{O}(6; \{3^6, 6^{14}\})$	760842022772736
6	$\mathcal{O}(6; \{2^5, 3, 6^{15}\})$	47553986912256
6	$\mathcal{O}(6; \{2, 3^4, 6^{15}\})$	380418834604032
6	$\mathcal{O}(6; \{2^2, 3^2, 6^{16}\})$	190211594084352
6	$\mathcal{O}(6; \{2^3, 6^{17}\})$	95103620259840
6	$\mathcal{O}(6; \{3, 6^{18}\})$	380418834604032
6	$\mathcal{O}(5; \{2^{30}, 3^4\})$	362797056
6	$\mathcal{O}(5; \{2^{26}, 3^7\})$	2539579392
6	$\mathcal{O}(5; \{2^{22}, 3^{10}\})$	20679432192
6	$\mathcal{O}(5; \{2^{18}, 3^{13}\})$	165072660480
6	$\mathcal{O}(5; \{2^{14}, 3^{16}\})$	1320944080896
6	$\mathcal{O}(5; \{2^{10}, 3^{19}\})$	10567189850112
6	$\mathcal{O}(5; \{2^6, 3^{22}\})$	84537881597952
6	$\mathcal{O}(5; \{2^2, 3^{25}\})$	676302689986560
6	$\mathcal{O}(5; \{2^{31}, 3^2, 6\})$	120932352
6	$\mathcal{O}(5; \{2^{27}, 3^5, 6\})$	1330255872
6	$\mathcal{O}(5; \{2^{23}, 3^8, 6\})$	10279249920
6	$\mathcal{O}(5; \{2^{19}, 3^{11}, 6\})$	82596796416
6	$\mathcal{O}(5; \{2^{15}, 3^{14}, 6\})$	660411574272
6	$\mathcal{O}(5; \{2^{11}, 3^{17}, 6\})$	5283655391232
6	$\mathcal{O}(5; \{2^7, 3^{20}, 6\})$	42268880332800
6	$\mathcal{O}(5; \{2^3, 3^{23}, 6\})$	338151405459456
6	$\mathcal{O}(5; \{2^{32}, 6^2\})$	120932352
6	$\mathcal{O}(5; \{2^{28}, 3^3, 6^2\})$	604661760
6	$\mathcal{O}(5; \{2^{24}, 3^6, 6^2\})$	5200091136
6	$\mathcal{O}(5; \{2^{20}, 3^9, 6^2\})$	41237932032
6	$\mathcal{O}(5; \{2^{16}, 3^{12}, 6^2\})$	330266253312
6	$\mathcal{O}(5; \{2^{12}, 3^{15}, 6^2\})$	2641767229440
6	$\mathcal{O}(5; \{2^8, 3^{18}, 6^2\})$	21134500632576
6	$\mathcal{O}(5; \{2^4, 3^{21}, 6^2\})$	169075642263552
6	$\mathcal{O}(5; \{3^{24}, 6^2\})$	1352605500905472
6	$\mathcal{O}(5; \{2^{29}, 3, 6^3\})$	362797056
6	$\mathcal{O}(5; \{2^{25}, 3^4, 6^3\})$	2539579392
6	$\mathcal{O}(5; \{2^{21}, 3^7, 6^3\})$	20679432192

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^{17}, 3^{10}, 6^3\})$	165072660480
6	$\mathcal{O}(5; \{2^{13}, 3^{13}, 6^3\})$	1320944080896
6	$\mathcal{O}(5; \{2^9, 3^{16}, 6^3\})$	10567189850112
6	$\mathcal{O}(5; \{2^5, 3^{19}, 6^3\})$	84537881597952
6	$\mathcal{O}(5; \{2, 3^{22}, 6^3\})$	676302689986560
6	$\mathcal{O}(5; \{2^{26}, 3^2, 6^4\})$	1330255872
6	$\mathcal{O}(5; \{2^{22}, 3^5, 6^4\})$	10279249920
6	$\mathcal{O}(5; \{2^{18}, 3^8, 6^4\})$	82596796416
6	$\mathcal{O}(5; \{2^{14}, 3^{11}, 6^4\})$	660411574272
6	$\mathcal{O}(5; \{2^{10}, 3^{14}, 6^4\})$	5283655391232
6	$\mathcal{O}(5; \{2^6, 3^{17}, 6^4\})$	42268880332800
6	$\mathcal{O}(5; \{2^2, 3^{20}, 6^4\})$	338151405459456
6	$\mathcal{O}(5; \{2^{27}, 6^5\})$	604661760
6	$\mathcal{O}(5; \{2^{23}, 3^3, 6^5\})$	5200091136
6	$\mathcal{O}(5; \{2^{19}, 3^6, 6^5\})$	41237932032
6	$\mathcal{O}(5; \{2^{15}, 3^9, 6^5\})$	330266253312
6	$\mathcal{O}(5; \{2^{11}, 3^{12}, 6^5\})$	2641767229440
6	$\mathcal{O}(5; \{2^7, 3^{15}, 6^5\})$	21134500632576
6	$\mathcal{O}(5; \{2^3, 3^{18}, 6^5\})$	169075642263552
6	$\mathcal{O}(5; \{2^{24}, 3, 6^6\})$	2539579392
6	$\mathcal{O}(5; \{2^{20}, 3^4, 6^6\})$	20679432192
6	$\mathcal{O}(5; \{2^{16}, 3^7, 6^6\})$	165072660480
6	$\mathcal{O}(5; \{2^{12}, 3^{10}, 6^6\})$	1320944080896
6	$\mathcal{O}(5; \{2^8, 3^{13}, 6^6\})$	10567189850112
6	$\mathcal{O}(5; \{2^4, 3^{16}, 6^6\})$	84537881597952
6	$\mathcal{O}(5; \{3^{19}, 6^6\})$	676302689986560
6	$\mathcal{O}(5; \{2^{21}, 3^2, 6^7\})$	10279249920
6	$\mathcal{O}(5; \{2^{17}, 3^5, 6^7\})$	82596796416
6	$\mathcal{O}(5; \{2^{13}, 3^8, 6^7\})$	660411574272
6	$\mathcal{O}(5; \{2^9, 3^{11}, 6^7\})$	5283655391232
6	$\mathcal{O}(5; \{2^5, 3^{14}, 6^7\})$	42268880332800
6	$\mathcal{O}(5; \{2, 3^{17}, 6^7\})$	338151405459456
6	$\mathcal{O}(5; \{2^{22}, 6^8\})$	5200091136
6	$\mathcal{O}(5; \{2^{18}, 3^3, 6^8\})$	41237932032
6	$\mathcal{O}(5; \{2^{14}, 3^6, 6^8\})$	330266253312
6	$\mathcal{O}(5; \{2^{10}, 3^9, 6^8\})$	2641767229440
6	$\mathcal{O}(5; \{2^6, 3^{12}, 6^8\})$	21134500632576
6	$\mathcal{O}(5; \{2^2, 3^{15}, 6^8\})$	169075642263552
6	$\mathcal{O}(5; \{2^{19}, 3, 6^9\})$	20679432192
6	$\mathcal{O}(5; \{2^{15}, 3^4, 6^9\})$	165072660480
6	$\mathcal{O}(5; \{2^{11}, 3^7, 6^9\})$	1320944080896
6	$\mathcal{O}(5; \{2^7, 3^{10}, 6^9\})$	10567189850112
6	$\mathcal{O}(5; \{2^3, 3^{13}, 6^9\})$	84537881597952

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^{16}, 3^2, 6^{10}\})$	82596796416
6	$\mathcal{O}(5; \{2^{12}, 3^5, 6^{10}\})$	660411574272
6	$\mathcal{O}(5; \{2^8, 3^8, 6^{10}\})$	5283655391232
6	$\mathcal{O}(5; \{2^4, 3^{11}, 6^{10}\})$	42268880332800
6	$\mathcal{O}(5; \{3^{14}, 6^{10}\})$	338151405459456
6	$\mathcal{O}(5; \{2^{17}, 6^{11}\})$	41237932032
6	$\mathcal{O}(5; \{2^{13}, 3^3, 6^{11}\})$	330266253312
6	$\mathcal{O}(5; \{2^9, 3^6, 6^{11}\})$	2641767229440
6	$\mathcal{O}(5; \{2^5, 3^9, 6^{11}\})$	21134500632576
6	$\mathcal{O}(5; \{2, 3^{12}, 6^{11}\})$	169075642263552
6	$\mathcal{O}(5; \{2^{14}, 3, 6^{12}\})$	165072660480
6	$\mathcal{O}(5; \{2^{10}, 3^4, 6^{12}\})$	1320944080896
6	$\mathcal{O}(5; \{2^6, 3^7, 6^{12}\})$	10567189850112
6	$\mathcal{O}(5; \{2^2, 3^{10}, 6^{12}\})$	84537881597952
6	$\mathcal{O}(5; \{2^{11}, 3^2, 6^{13}\})$	660411574272
6	$\mathcal{O}(5; \{2^7, 3^5, 6^{13}\})$	5283655391232
6	$\mathcal{O}(5; \{2^3, 3^8, 6^{13}\})$	42268880332800
6	$\mathcal{O}(5; \{2^{12}, 6^{14}\})$	330266253312
6	$\mathcal{O}(5; \{2^8, 3^3, 6^{14}\})$	2641767229440
6	$\mathcal{O}(5; \{2^4, 3^6, 6^{14}\})$	21134500632576
6	$\mathcal{O}(5; \{3^9, 6^{14}\})$	169075642263552
6	$\mathcal{O}(5; \{2^9, 3, 6^{15}\})$	1320944080896
6	$\mathcal{O}(5; \{2^5, 3^4, 6^{15}\})$	10567189850112
6	$\mathcal{O}(5; \{2, 3^7, 6^{15}\})$	84537881597952
6	$\mathcal{O}(5; \{2^6, 3^2, 6^{16}\})$	5283655391232
6	$\mathcal{O}(5; \{2^2, 3^5, 6^{16}\})$	42268880332800
6	$\mathcal{O}(5; \{2^7, 6^{17}\})$	2641767229440
6	$\mathcal{O}(5; \{2^3, 3^3, 6^{17}\})$	21134500632576
6	$\mathcal{O}(5; \{2^4, 3, 6^{18}\})$	10567189850112
6	$\mathcal{O}(5; \{3^4, 6^{18}\})$	84537881597952
6	$\mathcal{O}(5; \{2, 3^2, 6^{19}\})$	42268880332800
6	$\mathcal{O}(5; \{2^2, 6^{20}\})$	21134500632576
6	$\mathcal{O}(4; \{2^{34}, 3^4\})$	10077696
6	$\mathcal{O}(4; \{2^{30}, 3^7\})$	70543872
6	$\mathcal{O}(4; \{2^{26}, 3^{10}\})$	574428672
6	$\mathcal{O}(4; \{2^{22}, 3^{13}\})$	4585351680
6	$\mathcal{O}(4; \{2^{18}, 3^{16}\})$	36692891136
6	$\mathcal{O}(4; \{2^{14}, 3^{19}\})$	293533051392
6	$\mathcal{O}(4; \{2^{10}, 3^{22}\})$	2348274488832
6	$\mathcal{O}(4; \{2^6, 3^{25}\})$	18786185832960
6	$\mathcal{O}(4; \{2^2, 3^{28}\})$	150289496741376
6	$\mathcal{O}(4; \{2^{35}, 3^2, 6\})$	3359232
6	$\mathcal{O}(4; \{2^{31}, 3^5, 6\})$	36951552

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

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^{24}, 3^4, 6^6\})$	574428672
6	$\mathcal{O}(4; \{2^{20}, 3^7, 6^6\})$	4585351680
6	$\mathcal{O}(4; \{2^{16}, 3^{10}, 6^6\})$	36692891136
6	$\mathcal{O}(4; \{2^{12}, 3^{13}, 6^6\})$	293533051392
6	$\mathcal{O}(4; \{2^8, 3^{16}, 6^6\})$	2348274488832
6	$\mathcal{O}(4; \{2^4, 3^{19}, 6^6\})$	18786185832960
6	$\mathcal{O}(4; \{3^{22}, 6^6\})$	150289496741376
6	$\mathcal{O}(4; \{2^{25}, 3^2, 6^7\})$	285534720
6	$\mathcal{O}(4; \{2^{21}, 3^5, 6^7\})$	2294355456
6	$\mathcal{O}(4; \{2^{17}, 3^8, 6^7\})$	18344765952
6	$\mathcal{O}(4; \{2^{13}, 3^{11}, 6^7\})$	146768205312
6	$\mathcal{O}(4; \{2^9, 3^{14}, 6^7\})$	1174135564800
6	$\mathcal{O}(4; \{2^5, 3^{17}, 6^7\})$	9393094596096
6	$\mathcal{O}(4; \{2, 3^{20}, 6^7\})$	75144746691072
6	$\mathcal{O}(4; \{2^{26}, 6^8\})$	144446976
6	$\mathcal{O}(4; \{2^{22}, 3^3, 6^8\})$	1145498112
6	$\mathcal{O}(4; \{2^{18}, 3^6, 6^8\})$	9174062592
6	$\mathcal{O}(4; \{2^{14}, 3^9, 6^8\})$	73382423040
6	$\mathcal{O}(4; \{2^{10}, 3^{12}, 6^8\})$	587069462016
6	$\mathcal{O}(4; \{2^6, 3^{15}, 6^8\})$	4696545618432
6	$\mathcal{O}(4; \{2^2, 3^{18}, 6^8\})$	37572375025152
6	$\mathcal{O}(4; \{2^{23}, 3, 6^9\})$	574428672
6	$\mathcal{O}(4; \{2^{19}, 3^4, 6^9\})$	4585351680
6	$\mathcal{O}(4; \{2^{15}, 3^7, 6^9\})$	36692891136
6	$\mathcal{O}(4; \{2^{11}, 3^{10}, 6^9\})$	293533051392
6	$\mathcal{O}(4; \{2^7, 3^{13}, 6^9\})$	2348274488832
6	$\mathcal{O}(4; \{2^3, 3^{16}, 6^9\})$	18786185832960
6	$\mathcal{O}(4; \{2^{20}, 3^2, 6^{10}\})$	2294355456
6	$\mathcal{O}(4; \{2^{16}, 3^5, 6^{10}\})$	18344765952
6	$\mathcal{O}(4; \{2^{12}, 3^8, 6^{10}\})$	146768205312
6	$\mathcal{O}(4; \{2^8, 3^{11}, 6^{10}\})$	1174135564800
6	$\mathcal{O}(4; \{2^4, 3^{14}, 6^{10}\})$	9393094596096
6	$\mathcal{O}(4; \{3^{17}, 6^{10}\})$	75144746691072
6	$\mathcal{O}(4; \{2^{21}, 6^{11}\})$	1145498112
6	$\mathcal{O}(4; \{2^{17}, 3^3, 6^{11}\})$	9174062592
6	$\mathcal{O}(4; \{2^{13}, 3^6, 6^{11}\})$	73382423040
6	$\mathcal{O}(4; \{2^9, 3^9, 6^{11}\})$	587069462016
6	$\mathcal{O}(4; \{2^5, 3^{12}, 6^{11}\})$	4696545618432
6	$\mathcal{O}(4; \{2, 3^{15}, 6^{11}\})$	37572375025152
6	$\mathcal{O}(4; \{2^{18}, 3, 6^{12}\})$	4585351680
6	$\mathcal{O}(4; \{2^{14}, 3^4, 6^{12}\})$	36692891136
6	$\mathcal{O}(4; \{2^{10}, 3^7, 6^{12}\})$	293533051392
6	$\mathcal{O}(4; \{2^6, 3^{10}, 6^{12}\})$	2348274488832

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^2, 3^{13}, 6^{12}\})$	18786185832960
6	$\mathcal{O}(4; \{2^{15}, 3^2, 6^{13}\})$	18344765952
6	$\mathcal{O}(4; \{2^{11}, 3^5, 6^{13}\})$	146768205312
6	$\mathcal{O}(4; \{2^7, 3^8, 6^{13}\})$	1174135564800
6	$\mathcal{O}(4; \{2^3, 3^{11}, 6^{13}\})$	9393094596096
6	$\mathcal{O}(4; \{2^{16}, 6^{14}\})$	9174062592
6	$\mathcal{O}(4; \{2^{12}, 3^3, 6^{14}\})$	73382423040
6	$\mathcal{O}(4; \{2^8, 3^6, 6^{14}\})$	587069462016
6	$\mathcal{O}(4; \{2^4, 3^9, 6^{14}\})$	4696545618432
6	$\mathcal{O}(4; \{3^{12}, 6^{14}\})$	37572375025152
6	$\mathcal{O}(4; \{2^{13}, 3, 6^{15}\})$	36692891136
6	$\mathcal{O}(4; \{2^9, 3^4, 6^{15}\})$	293533051392
6	$\mathcal{O}(4; \{2^5, 3^7, 6^{15}\})$	2348274488832
6	$\mathcal{O}(4; \{2, 3^{10}, 6^{15}\})$	18786185832960
6	$\mathcal{O}(4; \{2^{10}, 3^2, 6^{16}\})$	146768205312
6	$\mathcal{O}(4; \{2^6, 3^5, 6^{16}\})$	1174135564800
6	$\mathcal{O}(4; \{2^2, 3^8, 6^{16}\})$	9393094596096
6	$\mathcal{O}(4; \{2^{11}, 6^{17}\})$	73382423040
6	$\mathcal{O}(4; \{2^7, 3^3, 6^{17}\})$	587069462016
6	$\mathcal{O}(4; \{2^3, 3^6, 6^{17}\})$	4696545618432
6	$\mathcal{O}(4; \{2^8, 3, 6^{18}\})$	293533051392
6	$\mathcal{O}(4; \{2^4, 3^4, 6^{18}\})$	2348274488832
6	$\mathcal{O}(4; \{3^7, 6^{18}\})$	18786185832960
6	$\mathcal{O}(4; \{2^5, 3^2, 6^{19}\})$	1174135564800
6	$\mathcal{O}(4; \{2, 3^5, 6^{19}\})$	9393094596096
6	$\mathcal{O}(4; \{2^6, 6^{20}\})$	587069462016
6	$\mathcal{O}(4; \{2^2, 3^3, 6^{20}\})$	4696545618432
6	$\mathcal{O}(4; \{2^3, 3, 6^{21}\})$	2348274488832
6	$\mathcal{O}(4; \{3^2, 6^{22}\})$	9393094596096
6	$\mathcal{O}(4; \{2, 6^{23}\})$	4696545618432
6	$\mathcal{O}(3; \{2^{38}, 3^4\})$	279936
6	$\mathcal{O}(3; \{2^{34}, 3^7\})$	1959552
6	$\mathcal{O}(3; \{2^{30}, 3^{10}\})$	15956352
6	$\mathcal{O}(3; \{2^{26}, 3^{13}\})$	127370880
6	$\mathcal{O}(3; \{2^{22}, 3^{16}\})$	1019246976
6	$\mathcal{O}(3; \{2^{18}, 3^{19}\})$	8153695872
6	$\mathcal{O}(3; \{2^{14}, 3^{22}\})$	65229846912
6	$\mathcal{O}(3; \{2^{10}, 3^{25}\})$	521838495360
6	$\mathcal{O}(3; \{2^6, 3^{28}\})$	4174708242816
6	$\mathcal{O}(3; \{2^2, 3^{31}\})$	33397665662592
6	$\mathcal{O}(3; \{2^{39}, 3^2, 6\})$	93312
6	$\mathcal{O}(3; \{2^{35}, 3^5, 6\})$	1026432
6	$\mathcal{O}(3; \{2^{31}, 3^8, 6\})$	7931520

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Table 8 – continued from previous page

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

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{11}, 3^{18}, 6^5\})$	130459600512
6	$\mathcal{O}(3; \{2^7, 3^{21}, 6^5\})$	1043677084032
6	$\mathcal{O}(3; \{2^3, 3^{24}, 6^5\})$	8349416392320
6	$\mathcal{O}(3; \{2^{32}, 3, 6^6\})$	1959552
6	$\mathcal{O}(3; \{2^{28}, 3^4, 6^6\})$	15956352
6	$\mathcal{O}(3; \{2^{24}, 3^7, 6^6\})$	127370880
6	$\mathcal{O}(3; \{2^{20}, 3^{10}, 6^6\})$	1019246976
6	$\mathcal{O}(3; \{2^{16}, 3^{13}, 6^6\})$	8153695872
6	$\mathcal{O}(3; \{2^{12}, 3^{16}, 6^6\})$	65229846912
6	$\mathcal{O}(3; \{2^8, 3^{19}, 6^6\})$	521838495360
6	$\mathcal{O}(3; \{2^4, 3^{22}, 6^6\})$	4174708242816
6	$\mathcal{O}(3; \{3^{25}, 6^6\})$	33397665662592
6	$\mathcal{O}(3; \{2^{29}, 3^2, 6^7\})$	7931520
6	$\mathcal{O}(3; \{2^{25}, 3^5, 6^7\})$	63732096
6	$\mathcal{O}(3; \{2^{21}, 3^8, 6^7\})$	509576832
6	$\mathcal{O}(3; \{2^{17}, 3^{11}, 6^7\})$	4076894592
6	$\mathcal{O}(3; \{2^{13}, 3^{14}, 6^7\})$	32614876800
6	$\mathcal{O}(3; \{2^9, 3^{17}, 6^7\})$	260919294336
6	$\mathcal{O}(3; \{2^5, 3^{20}, 6^7\})$	2087354074752
6	$\mathcal{O}(3; \{2, 3^{23}, 6^7\})$	16698832877952
6	$\mathcal{O}(3; \{2^{30}, 6^8\})$	4012416
6	$\mathcal{O}(3; \{2^{26}, 3^3, 6^8\})$	31819392
6	$\mathcal{O}(3; \{2^{22}, 3^6, 6^8\})$	254835072
6	$\mathcal{O}(3; \{2^{18}, 3^9, 6^8\})$	2038400640
6	$\mathcal{O}(3; \{2^{14}, 3^{12}, 6^8\})$	16307485056
6	$\mathcal{O}(3; \{2^{10}, 3^{15}, 6^8\})$	130459600512
6	$\mathcal{O}(3; \{2^6, 3^{18}, 6^8\})$	1043677084032
6	$\mathcal{O}(3; \{2^2, 3^{21}, 6^8\})$	8349416392320
6	$\mathcal{O}(3; \{2^{27}, 3, 6^9\})$	15956352
6	$\mathcal{O}(3; \{2^{23}, 3^4, 6^9\})$	127370880
6	$\mathcal{O}(3; \{2^{19}, 3^7, 6^9\})$	1019246976
6	$\mathcal{O}(3; \{2^{15}, 3^{10}, 6^9\})$	8153695872
6	$\mathcal{O}(3; \{2^{11}, 3^{13}, 6^9\})$	65229846912
6	$\mathcal{O}(3; \{2^7, 3^{16}, 6^9\})$	521838495360
6	$\mathcal{O}(3; \{2^3, 3^{19}, 6^9\})$	4174708242816
6	$\mathcal{O}(3; \{2^{24}, 3^2, 6^{10}\})$	63732096
6	$\mathcal{O}(3; \{2^{20}, 3^5, 6^{10}\})$	509576832
6	$\mathcal{O}(3; \{2^{16}, 3^8, 6^{10}\})$	4076894592
6	$\mathcal{O}(3; \{2^{12}, 3^{11}, 6^{10}\})$	32614876800
6	$\mathcal{O}(3; \{2^8, 3^{14}, 6^{10}\})$	260919294336
6	$\mathcal{O}(3; \{2^4, 3^{17}, 6^{10}\})$	2087354074752
6	$\mathcal{O}(3; \{3^{20}, 6^{10}\})$	16698832877952
6	$\mathcal{O}(3; \{2^{25}, 6^{11}\})$	31819392

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{21}, 3^3, 6^{11}\})$	254835072
6	$\mathcal{O}(3; \{2^{17}, 3^6, 6^{11}\})$	2038400640
6	$\mathcal{O}(3; \{2^{13}, 3^9, 6^{11}\})$	16307485056
6	$\mathcal{O}(3; \{2^9, 3^{12}, 6^{11}\})$	130459600512
6	$\mathcal{O}(3; \{2^5, 3^{15}, 6^{11}\})$	1043677084032
6	$\mathcal{O}(3; \{2, 3^{18}, 6^{11}\})$	8349416392320
6	$\mathcal{O}(3; \{2^{22}, 3, 6^{12}\})$	127370880
6	$\mathcal{O}(3; \{2^{18}, 3^4, 6^{12}\})$	1019246976
6	$\mathcal{O}(3; \{2^{14}, 3^7, 6^{12}\})$	8153695872
6	$\mathcal{O}(3; \{2^{10}, 3^{10}, 6^{12}\})$	65229846912
6	$\mathcal{O}(3; \{2^6, 3^{13}, 6^{12}\})$	521838495360
6	$\mathcal{O}(3; \{2^2, 3^{16}, 6^{12}\})$	4174708242816
6	$\mathcal{O}(3; \{2^{19}, 3^2, 6^{13}\})$	509576832
6	$\mathcal{O}(3; \{2^{15}, 3^5, 6^{13}\})$	4076894592
6	$\mathcal{O}(3; \{2^{11}, 3^8, 6^{13}\})$	32614876800
6	$\mathcal{O}(3; \{2^7, 3^{11}, 6^{13}\})$	260919294336
6	$\mathcal{O}(3; \{2^3, 3^{14}, 6^{13}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{20}, 6^{14}\})$	254835072
6	$\mathcal{O}(3; \{2^{16}, 3^3, 6^{14}\})$	2038400640
6	$\mathcal{O}(3; \{2^{12}, 3^6, 6^{14}\})$	16307485056
6	$\mathcal{O}(3; \{2^8, 3^9, 6^{14}\})$	130459600512
6	$\mathcal{O}(3; \{2^4, 3^{12}, 6^{14}\})$	1043677084032
6	$\mathcal{O}(3; \{3^{15}, 6^{14}\})$	8349416392320
6	$\mathcal{O}(3; \{2^{17}, 3, 6^{15}\})$	1019246976
6	$\mathcal{O}(3; \{2^{13}, 3^4, 6^{15}\})$	8153695872
6	$\mathcal{O}(3; \{2^9, 3^7, 6^{15}\})$	65229846912
6	$\mathcal{O}(3; \{2^5, 3^{10}, 6^{15}\})$	521838495360
6	$\mathcal{O}(3; \{2, 3^{13}, 6^{15}\})$	4174708242816
6	$\mathcal{O}(3; \{2^{14}, 3^2, 6^{16}\})$	4076894592
6	$\mathcal{O}(3; \{2^{10}, 3^5, 6^{16}\})$	32614876800
6	$\mathcal{O}(3; \{2^6, 3^8, 6^{16}\})$	260919294336
6	$\mathcal{O}(3; \{2^2, 3^{11}, 6^{16}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{15}, 6^{17}\})$	2038400640
6	$\mathcal{O}(3; \{2^{11}, 3^3, 6^{17}\})$	16307485056
6	$\mathcal{O}(3; \{2^7, 3^6, 6^{17}\})$	130459600512
6	$\mathcal{O}(3; \{2^3, 3^9, 6^{17}\})$	1043677084032
6	$\mathcal{O}(3; \{2^{12}, 3, 6^{18}\})$	8153695872
6	$\mathcal{O}(3; \{2^8, 3^4, 6^{18}\})$	65229846912
6	$\mathcal{O}(3; \{2^4, 3^7, 6^{18}\})$	521838495360
6	$\mathcal{O}(3; \{3^{10}, 6^{18}\})$	4174708242816
6	$\mathcal{O}(3; \{2^9, 3^2, 6^{19}\})$	32614876800
6	$\mathcal{O}(3; \{2^5, 3^5, 6^{19}\})$	260919294336
6	$\mathcal{O}(3; \{2, 3^8, 6^{19}\})$	2087354074752

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{10}, 6^{20}\})$	16307485056
6	$\mathcal{O}(3; \{2^6, 3^3, 6^{20}\})$	130459600512
6	$\mathcal{O}(3; \{2^2, 3^6, 6^{20}\})$	1043677084032
6	$\mathcal{O}(3; \{2^7, 3, 6^{21}\})$	65229846912
6	$\mathcal{O}(3; \{2^3, 3^4, 6^{21}\})$	521838495360
6	$\mathcal{O}(3; \{2^4, 3^2, 6^{22}\})$	260919294336
6	$\mathcal{O}(3; \{3^5, 6^{22}\})$	2087354074752
6	$\mathcal{O}(3; \{2^5, 6^{23}\})$	130459600512
6	$\mathcal{O}(3; \{2, 3^3, 6^{23}\})$	1043677084032
6	$\mathcal{O}(3; \{2^2, 3, 6^{24}\})$	521838495360
6	$\mathcal{O}(3; \{6^{26}\})$	1043677084032
6	$\mathcal{O}(2; \{2^{42}, 3^4\})$	7776
6	$\mathcal{O}(2; \{2^{38}, 3^7\})$	54432
6	$\mathcal{O}(2; \{2^{34}, 3^{10}\})$	443232
6	$\mathcal{O}(2; \{2^{30}, 3^{13}\})$	3538080
6	$\mathcal{O}(2; \{2^{26}, 3^{16}\})$	28312416
6	$\mathcal{O}(2; \{2^{22}, 3^{19}\})$	226491552
6	$\mathcal{O}(2; \{2^{18}, 3^{22}\})$	1811940192
6	$\mathcal{O}(2; \{2^{14}, 3^{25}\})$	14495513760
6	$\mathcal{O}(2; \{2^{10}, 3^{28}\})$	115964117856
6	$\mathcal{O}(2; \{2^6, 3^{31}\})$	927712935072
6	$\mathcal{O}(2; \{2^2, 3^{34}\})$	7421703488352
6	$\mathcal{O}(2; \{2^{43}, 3^2, 6\})$	2592
6	$\mathcal{O}(2; \{2^{39}, 3^5, 6\})$	28512
6	$\mathcal{O}(2; \{2^{35}, 3^8, 6\})$	220320
6	$\mathcal{O}(2; \{2^{31}, 3^{11}, 6\})$	1770336
6	$\mathcal{O}(2; \{2^{27}, 3^{14}, 6\})$	14154912
6	$\mathcal{O}(2; \{2^{23}, 3^{17}, 6\})$	113247072
6	$\mathcal{O}(2; \{2^{19}, 3^{20}, 6\})$	905968800
6	$\mathcal{O}(2; \{2^{15}, 3^{23}, 6\})$	7247758176
6	$\mathcal{O}(2; \{2^{11}, 3^{26}, 6\})$	57982057632
6	$\mathcal{O}(2; \{2^7, 3^{29}, 6\})$	463856468832
6	$\mathcal{O}(2; \{2^3, 3^{32}, 6\})$	3710851742880
6	$\mathcal{O}(2; \{2^{44}, 6^2\})$	2592
6	$\mathcal{O}(2; \{2^{40}, 3^3, 6^2\})$	12960
6	$\mathcal{O}(2; \{2^{36}, 3^6, 6^2\})$	111456
6	$\mathcal{O}(2; \{2^{32}, 3^9, 6^2\})$	883872
6	$\mathcal{O}(2; \{2^{28}, 3^{12}, 6^2\})$	7078752
6	$\mathcal{O}(2; \{2^{24}, 3^{15}, 6^2\})$	56622240
6	$\mathcal{O}(2; \{2^{20}, 3^{18}, 6^2\})$	452985696
6	$\mathcal{O}(2; \{2^{16}, 3^{21}, 6^2\})$	3623877792
6	$\mathcal{O}(2; \{2^{12}, 3^{24}, 6^2\})$	28991030112
6	$\mathcal{O}(2; \{2^8, 3^{27}, 6^2\})$	231928233120

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

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Table 8 – continued from previous page

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

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{22}, 3^4, 6^{12}\})$	28312416
6	$\mathcal{O}(2; \{2^{18}, 3^7, 6^{12}\})$	226491552
6	$\mathcal{O}(2; \{2^{14}, 3^{10}, 6^{12}\})$	1811940192
6	$\mathcal{O}(2; \{2^{10}, 3^{13}, 6^{12}\})$	14495513760
6	$\mathcal{O}(2; \{2^6, 3^{16}, 6^{12}\})$	115964117856
6	$\mathcal{O}(2; \{2^2, 3^{19}, 6^{12}\})$	927712935072
6	$\mathcal{O}(2; \{2^{23}, 3^2, 6^{13}\})$	14154912
6	$\mathcal{O}(2; \{2^{19}, 3^5, 6^{13}\})$	113247072
6	$\mathcal{O}(2; \{2^{15}, 3^8, 6^{13}\})$	905968800
6	$\mathcal{O}(2; \{2^{11}, 3^{11}, 6^{13}\})$	7247758176
6	$\mathcal{O}(2; \{2^7, 3^{14}, 6^{13}\})$	57982057632
6	$\mathcal{O}(2; \{2^3, 3^{17}, 6^{13}\})$	463856468832
6	$\mathcal{O}(2; \{2^{24}, 6^{14}\})$	7078752
6	$\mathcal{O}(2; \{2^{20}, 3^3, 6^{14}\})$	56622240
6	$\mathcal{O}(2; \{2^{16}, 3^6, 6^{14}\})$	452985696
6	$\mathcal{O}(2; \{2^{12}, 3^9, 6^{14}\})$	3623877792
6	$\mathcal{O}(2; \{2^8, 3^{12}, 6^{14}\})$	28991030112
6	$\mathcal{O}(2; \{2^4, 3^{15}, 6^{14}\})$	231928233120
6	$\mathcal{O}(2; \{3^{18}, 6^{14}\})$	1855425872736
6	$\mathcal{O}(2; \{2^{21}, 3, 6^{15}\})$	28312416
6	$\mathcal{O}(2; \{2^{17}, 3^4, 6^{15}\})$	226491552
6	$\mathcal{O}(2; \{2^{13}, 3^7, 6^{15}\})$	1811940192
6	$\mathcal{O}(2; \{2^9, 3^{10}, 6^{15}\})$	14495513760
6	$\mathcal{O}(2; \{2^5, 3^{13}, 6^{15}\})$	115964117856
6	$\mathcal{O}(2; \{2, 3^{16}, 6^{15}\})$	927712935072
6	$\mathcal{O}(2; \{2^{18}, 3^2, 6^{16}\})$	113247072
6	$\mathcal{O}(2; \{2^{14}, 3^5, 6^{16}\})$	905968800
6	$\mathcal{O}(2; \{2^{10}, 3^8, 6^{16}\})$	7247758176
6	$\mathcal{O}(2; \{2^6, 3^{11}, 6^{16}\})$	57982057632
6	$\mathcal{O}(2; \{2^2, 3^{14}, 6^{16}\})$	463856468832
6	$\mathcal{O}(2; \{2^{19}, 6^{17}\})$	56622240
6	$\mathcal{O}(2; \{2^{15}, 3^3, 6^{17}\})$	452985696
6	$\mathcal{O}(2; \{2^{11}, 3^6, 6^{17}\})$	3623877792
6	$\mathcal{O}(2; \{2^7, 3^9, 6^{17}\})$	28991030112
6	$\mathcal{O}(2; \{2^3, 3^{12}, 6^{17}\})$	231928233120
6	$\mathcal{O}(2; \{2^{16}, 3, 6^{18}\})$	226491552
6	$\mathcal{O}(2; \{2^{12}, 3^4, 6^{18}\})$	1811940192
6	$\mathcal{O}(2; \{2^8, 3^7, 6^{18}\})$	14495513760
6	$\mathcal{O}(2; \{2^4, 3^{10}, 6^{18}\})$	115964117856
6	$\mathcal{O}(2; \{3^{13}, 6^{18}\})$	927712935072
6	$\mathcal{O}(2; \{2^{13}, 3^2, 6^{19}\})$	905968800
6	$\mathcal{O}(2; \{2^9, 3^5, 6^{19}\})$	7247758176
6	$\mathcal{O}(2; \{2^5, 3^8, 6^{19}\})$	57982057632

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2, 3^{11}, 6^{19}\})$	463856468832
6	$\mathcal{O}(2; \{2^{14}, 6^{20}\})$	452985696
6	$\mathcal{O}(2; \{2^{10}, 3^3, 6^{20}\})$	3623877792
6	$\mathcal{O}(2; \{2^6, 3^6, 6^{20}\})$	28991030112
6	$\mathcal{O}(2; \{2^2, 3^9, 6^{20}\})$	231928233120
6	$\mathcal{O}(2; \{2^{11}, 3, 6^{21}\})$	1811940192
6	$\mathcal{O}(2; \{2^7, 3^4, 6^{21}\})$	14495513760
6	$\mathcal{O}(2; \{2^3, 3^7, 6^{21}\})$	115964117856
6	$\mathcal{O}(2; \{2^8, 3^2, 6^{22}\})$	7247758176
6	$\mathcal{O}(2; \{2^4, 3^5, 6^{22}\})$	57982057632
6	$\mathcal{O}(2; \{3^8, 6^{22}\})$	463856468832
6	$\mathcal{O}(2; \{2^9, 6^{23}\})$	3623877792
6	$\mathcal{O}(2; \{2^5, 3^3, 6^{23}\})$	28991030112
6	$\mathcal{O}(2; \{2, 3^6, 6^{23}\})$	231928233120
6	$\mathcal{O}(2; \{2^6, 3, 6^{24}\})$	14495513760
6	$\mathcal{O}(2; \{2^2, 3^4, 6^{24}\})$	115964117856
6	$\mathcal{O}(2; \{2^3, 3^2, 6^{25}\})$	57982057632
6	$\mathcal{O}(2; \{2^4, 6^{26}\})$	28991030112
6	$\mathcal{O}(2; \{3^3, 6^{26}\})$	231928233120
6	$\mathcal{O}(2; \{2, 3, 6^{27}\})$	115964117856
6	$\mathcal{O}(1; \{2^{46}, 3^4\})$	216
6	$\mathcal{O}(1; \{2^{42}, 3^7\})$	1512
6	$\mathcal{O}(1; \{2^{38}, 3^{10}\})$	12312
6	$\mathcal{O}(1; \{2^{34}, 3^{13}\})$	98280
6	$\mathcal{O}(1; \{2^{30}, 3^{16}\})$	786456
6	$\mathcal{O}(1; \{2^{26}, 3^{19}\})$	6291432
6	$\mathcal{O}(1; \{2^{22}, 3^{22}\})$	50331672
6	$\mathcal{O}(1; \{2^{18}, 3^{25}\})$	402653160
6	$\mathcal{O}(1; \{2^{14}, 3^{28}\})$	3221225496
6	$\mathcal{O}(1; \{2^{10}, 3^{31}\})$	25769803752
6	$\mathcal{O}(1; \{2^6, 3^{34}\})$	206158430232
6	$\mathcal{O}(1; \{2^2, 3^{37}\})$	1649267441640
6	$\mathcal{O}(1; \{2^{47}, 3^2, 6\})$	72
6	$\mathcal{O}(1; \{2^{43}, 3^5, 6\})$	792
6	$\mathcal{O}(1; \{2^{39}, 3^8, 6\})$	6120
6	$\mathcal{O}(1; \{2^{35}, 3^{11}, 6\})$	49176
6	$\mathcal{O}(1; \{2^{31}, 3^{14}, 6\})$	393192
6	$\mathcal{O}(1; \{2^{27}, 3^{17}, 6\})$	3145752
6	$\mathcal{O}(1; \{2^{23}, 3^{20}, 6\})$	25165800
6	$\mathcal{O}(1; \{2^{19}, 3^{23}, 6\})$	201326616
6	$\mathcal{O}(1; \{2^{15}, 3^{26}, 6\})$	1610612712
6	$\mathcal{O}(1; \{2^{11}, 3^{29}, 6\})$	12884901912
6	$\mathcal{O}(1; \{2^7, 3^{32}, 6\})$	103079215080

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^3, 3^{35}, 6\})$	824633720856
6	$\mathcal{O}(1; \{2^{48}, 6^2\})$	72
6	$\mathcal{O}(1; \{2^{44}, 3^3, 6^2\})$	360
6	$\mathcal{O}(1; \{2^{40}, 3^6, 6^2\})$	3096
6	$\mathcal{O}(1; \{2^{36}, 3^9, 6^2\})$	24552
6	$\mathcal{O}(1; \{2^{32}, 3^{12}, 6^2\})$	196632
6	$\mathcal{O}(1; \{2^{28}, 3^{15}, 6^2\})$	1572840
6	$\mathcal{O}(1; \{2^{24}, 3^{18}, 6^2\})$	12582936
6	$\mathcal{O}(1; \{2^{20}, 3^{21}, 6^2\})$	100663272
6	$\mathcal{O}(1; \{2^{16}, 3^{24}, 6^2\})$	805306392
6	$\mathcal{O}(1; \{2^{12}, 3^{27}, 6^2\})$	6442450920
6	$\mathcal{O}(1; \{2^8, 3^{30}, 6^2\})$	51539607576
6	$\mathcal{O}(1; \{2^4, 3^{33}, 6^2\})$	412316860392
6	$\mathcal{O}(1; \{3^{36}, 6^2\})$	3298534883352
6	$\mathcal{O}(1; \{2^{45}, 3, 6^3\})$	216
6	$\mathcal{O}(1; \{2^{41}, 3^4, 6^3\})$	1512
6	$\mathcal{O}(1; \{2^{37}, 3^7, 6^3\})$	12312
6	$\mathcal{O}(1; \{2^{33}, 3^{10}, 6^3\})$	98280
6	$\mathcal{O}(1; \{2^{29}, 3^{13}, 6^3\})$	786456
6	$\mathcal{O}(1; \{2^{25}, 3^{16}, 6^3\})$	6291432
6	$\mathcal{O}(1; \{2^{21}, 3^{19}, 6^3\})$	50331672
6	$\mathcal{O}(1; \{2^{17}, 3^{22}, 6^3\})$	402653160
6	$\mathcal{O}(1; \{2^{13}, 3^{25}, 6^3\})$	3221225496
6	$\mathcal{O}(1; \{2^9, 3^{28}, 6^3\})$	25769803752
6	$\mathcal{O}(1; \{2^5, 3^{31}, 6^3\})$	206158430232
6	$\mathcal{O}(1; \{2, 3^{34}, 6^3\})$	1649267441640
6	$\mathcal{O}(1; \{2^{42}, 3^2, 6^4\})$	792
6	$\mathcal{O}(1; \{2^{38}, 3^5, 6^4\})$	6120
6	$\mathcal{O}(1; \{2^{34}, 3^8, 6^4\})$	49176
6	$\mathcal{O}(1; \{2^{30}, 3^{11}, 6^4\})$	393192
6	$\mathcal{O}(1; \{2^{26}, 3^{14}, 6^4\})$	3145752
6	$\mathcal{O}(1; \{2^{22}, 3^{17}, 6^4\})$	25165800
6	$\mathcal{O}(1; \{2^{18}, 3^{20}, 6^4\})$	201326616
6	$\mathcal{O}(1; \{2^{14}, 3^{23}, 6^4\})$	1610612712
6	$\mathcal{O}(1; \{2^{10}, 3^{26}, 6^4\})$	12884901912
6	$\mathcal{O}(1; \{2^6, 3^{29}, 6^4\})$	103079215080
6	$\mathcal{O}(1; \{2^2, 3^{32}, 6^4\})$	824633720856
6	$\mathcal{O}(1; \{2^{43}, 6^5\})$	360
6	$\mathcal{O}(1; \{2^{39}, 3^3, 6^5\})$	3096
6	$\mathcal{O}(1; \{2^{35}, 3^6, 6^5\})$	24552
6	$\mathcal{O}(1; \{2^{31}, 3^9, 6^5\})$	196632
6	$\mathcal{O}(1; \{2^{27}, 3^{12}, 6^5\})$	1572840
6	$\mathcal{O}(1; \{2^{23}, 3^{15}, 6^5\})$	12582936

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Table 8 – continued from previous page

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

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Table 8 – continued from previous page

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

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{25}, 3, 6^{15}\})$	786456
6	$\mathcal{O}(1; \{2^{21}, 3^4, 6^{15}\})$	6291432
6	$\mathcal{O}(1; \{2^{17}, 3^7, 6^{15}\})$	50331672
6	$\mathcal{O}(1; \{2^{13}, 3^{10}, 6^{15}\})$	402653160
6	$\mathcal{O}(1; \{2^9, 3^{13}, 6^{15}\})$	3221225496
6	$\mathcal{O}(1; \{2^5, 3^{16}, 6^{15}\})$	25769803752
6	$\mathcal{O}(1; \{2, 3^{19}, 6^{15}\})$	206158430232
6	$\mathcal{O}(1; \{2^{22}, 3^2, 6^{16}\})$	3145752
6	$\mathcal{O}(1; \{2^{18}, 3^5, 6^{16}\})$	25165800
6	$\mathcal{O}(1; \{2^{14}, 3^8, 6^{16}\})$	201326616
6	$\mathcal{O}(1; \{2^{10}, 3^{11}, 6^{16}\})$	1610612712
6	$\mathcal{O}(1; \{2^6, 3^{14}, 6^{16}\})$	12884901912
6	$\mathcal{O}(1; \{2^2, 3^{17}, 6^{16}\})$	103079215080
6	$\mathcal{O}(1; \{2^{23}, 6^{17}\})$	1572840
6	$\mathcal{O}(1; \{2^{19}, 3^3, 6^{17}\})$	12582936
6	$\mathcal{O}(1; \{2^{15}, 3^6, 6^{17}\})$	100663272
6	$\mathcal{O}(1; \{2^{11}, 3^9, 6^{17}\})$	805306392
6	$\mathcal{O}(1; \{2^7, 3^{12}, 6^{17}\})$	6442450920
6	$\mathcal{O}(1; \{2^3, 3^{15}, 6^{17}\})$	51539607576
6	$\mathcal{O}(1; \{2^{20}, 3, 6^{18}\})$	6291432
6	$\mathcal{O}(1; \{2^{16}, 3^4, 6^{18}\})$	50331672
6	$\mathcal{O}(1; \{2^{12}, 3^7, 6^{18}\})$	402653160
6	$\mathcal{O}(1; \{2^8, 3^{10}, 6^{18}\})$	3221225496
6	$\mathcal{O}(1; \{2^4, 3^{13}, 6^{18}\})$	25769803752
6	$\mathcal{O}(1; \{3^{16}, 6^{18}\})$	206158430232
6	$\mathcal{O}(1; \{2^{17}, 3^2, 6^{19}\})$	25165800
6	$\mathcal{O}(1; \{2^{13}, 3^5, 6^{19}\})$	201326616
6	$\mathcal{O}(1; \{2^9, 3^8, 6^{19}\})$	1610612712
6	$\mathcal{O}(1; \{2^5, 3^{11}, 6^{19}\})$	12884901912
6	$\mathcal{O}(1; \{2, 3^{14}, 6^{19}\})$	103079215080
6	$\mathcal{O}(1; \{2^{18}, 6^{20}\})$	12582936
6	$\mathcal{O}(1; \{2^{14}, 3^3, 6^{20}\})$	100663272
6	$\mathcal{O}(1; \{2^{10}, 3^6, 6^{20}\})$	805306392
6	$\mathcal{O}(1; \{2^6, 3^9, 6^{20}\})$	6442450920
6	$\mathcal{O}(1; \{2^2, 3^{12}, 6^{20}\})$	51539607576
6	$\mathcal{O}(1; \{2^{15}, 3, 6^{21}\})$	50331672
6	$\mathcal{O}(1; \{2^{11}, 3^4, 6^{21}\})$	402653160
6	$\mathcal{O}(1; \{2^7, 3^7, 6^{21}\})$	3221225496
6	$\mathcal{O}(1; \{2^3, 3^{10}, 6^{21}\})$	25769803752
6	$\mathcal{O}(1; \{2^{12}, 3^2, 6^{22}\})$	201326616
6	$\mathcal{O}(1; \{2^8, 3^5, 6^{22}\})$	1610612712
6	$\mathcal{O}(1; \{2^4, 3^8, 6^{22}\})$	12884901912
6	$\mathcal{O}(1; \{3^{11}, 6^{22}\})$	103079215080

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{13}, 6^{23}\})$	100663272
6	$\mathcal{O}(1; \{2^9, 3^3, 6^{23}\})$	805306392
6	$\mathcal{O}(1; \{2^5, 3^6, 6^{23}\})$	6442450920
6	$\mathcal{O}(1; \{2, 3^9, 6^{23}\})$	51539607576
6	$\mathcal{O}(1; \{2^{10}, 3, 6^{24}\})$	402653160
6	$\mathcal{O}(1; \{2^6, 3^4, 6^{24}\})$	3221225496
6	$\mathcal{O}(1; \{2^2, 3^7, 6^{24}\})$	25769803752
6	$\mathcal{O}(1; \{2^7, 3^2, 6^{25}\})$	1610612712
6	$\mathcal{O}(1; \{2^3, 3^5, 6^{25}\})$	12884901912
6	$\mathcal{O}(1; \{2^8, 6^{26}\})$	805306392
6	$\mathcal{O}(1; \{2^4, 3^3, 6^{26}\})$	6442450920
6	$\mathcal{O}(1; \{3^6, 6^{26}\})$	51539607576
6	$\mathcal{O}(1; \{2^5, 3, 6^{27}\})$	3221225496
6	$\mathcal{O}(1; \{2, 3^4, 6^{27}\})$	25769803752
6	$\mathcal{O}(1; \{2^2, 3^2, 6^{28}\})$	12884901912
6	$\mathcal{O}(1; \{2^3, 6^{29}\})$	6442450920
6	$\mathcal{O}(1; \{3, 6^{30}\})$	25769803752
6	$\mathcal{O}(0; \{2^{50}, 3^4\})$	6
6	$\mathcal{O}(0; \{2^{46}, 3^7\})$	42
6	$\mathcal{O}(0; \{2^{42}, 3^{10}\})$	342
6	$\mathcal{O}(0; \{2^{38}, 3^{13}\})$	2730
6	$\mathcal{O}(0; \{2^{34}, 3^{16}\})$	21846
6	$\mathcal{O}(0; \{2^{30}, 3^{19}\})$	174762
6	$\mathcal{O}(0; \{2^{26}, 3^{22}\})$	1398102
6	$\mathcal{O}(0; \{2^{22}, 3^{25}\})$	11184810
6	$\mathcal{O}(0; \{2^{18}, 3^{28}\})$	89478486
6	$\mathcal{O}(0; \{2^{14}, 3^{31}\})$	715827882
6	$\mathcal{O}(0; \{2^{10}, 3^{34}\})$	5726623062
6	$\mathcal{O}(0; \{2^6, 3^{37}\})$	45812984490
6	$\mathcal{O}(0; \{2^2, 3^{40}\})$	366503875926
6	$\mathcal{O}(0; \{2^{51}, 3^2, 6\})$	2
6	$\mathcal{O}(0; \{2^{47}, 3^5, 6\})$	22
6	$\mathcal{O}(0; \{2^{43}, 3^8, 6\})$	170
6	$\mathcal{O}(0; \{2^{39}, 3^{11}, 6\})$	1366
6	$\mathcal{O}(0; \{2^{35}, 3^{14}, 6\})$	10922
6	$\mathcal{O}(0; \{2^{31}, 3^{17}, 6\})$	87382
6	$\mathcal{O}(0; \{2^{27}, 3^{20}, 6\})$	699050
6	$\mathcal{O}(0; \{2^{23}, 3^{23}, 6\})$	5592406
6	$\mathcal{O}(0; \{2^{19}, 3^{26}, 6\})$	44739242
6	$\mathcal{O}(0; \{2^{15}, 3^{29}, 6\})$	357913942
6	$\mathcal{O}(0; \{2^{11}, 3^{32}, 6\})$	2863311530
6	$\mathcal{O}(0; \{2^7, 3^{35}, 6\})$	22906492246
6	$\mathcal{O}(0; \{2^3, 3^{38}, 6\})$	183251937962

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{52}, 6^2\})$	2
6	$\mathcal{O}(0; \{2^{48}, 3^3, 6^2\})$	10
6	$\mathcal{O}(0; \{2^{44}, 3^6, 6^2\})$	86
6	$\mathcal{O}(0; \{2^{40}, 3^9, 6^2\})$	682
6	$\mathcal{O}(0; \{2^{36}, 3^{12}, 6^2\})$	5462
6	$\mathcal{O}(0; \{2^{32}, 3^{15}, 6^2\})$	43690
6	$\mathcal{O}(0; \{2^{28}, 3^{18}, 6^2\})$	349526
6	$\mathcal{O}(0; \{2^{24}, 3^{21}, 6^2\})$	2796202
6	$\mathcal{O}(0; \{2^{20}, 3^{24}, 6^2\})$	22369622
6	$\mathcal{O}(0; \{2^{16}, 3^{27}, 6^2\})$	178956970
6	$\mathcal{O}(0; \{2^{12}, 3^{30}, 6^2\})$	1431655766
6	$\mathcal{O}(0; \{2^8, 3^{33}, 6^2\})$	11453246122
6	$\mathcal{O}(0; \{2^4, 3^{36}, 6^2\})$	91625968982
6	$\mathcal{O}(0; \{3^{39}, 6^2\})$	733007751850
6	$\mathcal{O}(0; \{2^{49}, 3, 6^3\})$	6
6	$\mathcal{O}(0; \{2^{45}, 3^4, 6^3\})$	42
6	$\mathcal{O}(0; \{2^{41}, 3^7, 6^3\})$	342
6	$\mathcal{O}(0; \{2^{37}, 3^{10}, 6^3\})$	2730
6	$\mathcal{O}(0; \{2^{33}, 3^{13}, 6^3\})$	21846
6	$\mathcal{O}(0; \{2^{29}, 3^{16}, 6^3\})$	174762
6	$\mathcal{O}(0; \{2^{25}, 3^{19}, 6^3\})$	1398102
6	$\mathcal{O}(0; \{2^{21}, 3^{22}, 6^3\})$	11184810
6	$\mathcal{O}(0; \{2^{17}, 3^{25}, 6^3\})$	89478486
6	$\mathcal{O}(0; \{2^{13}, 3^{28}, 6^3\})$	715827882
6	$\mathcal{O}(0; \{2^9, 3^{31}, 6^3\})$	5726623062
6	$\mathcal{O}(0; \{2^5, 3^{34}, 6^3\})$	45812984490
6	$\mathcal{O}(0; \{2, 3^{37}, 6^3\})$	366503875926
6	$\mathcal{O}(0; \{2^{46}, 3^2, 6^4\})$	22
6	$\mathcal{O}(0; \{2^{42}, 3^5, 6^4\})$	170
6	$\mathcal{O}(0; \{2^{38}, 3^8, 6^4\})$	1366
6	$\mathcal{O}(0; \{2^{34}, 3^{11}, 6^4\})$	10922
6	$\mathcal{O}(0; \{2^{30}, 3^{14}, 6^4\})$	87382
6	$\mathcal{O}(0; \{2^{26}, 3^{17}, 6^4\})$	699050
6	$\mathcal{O}(0; \{2^{22}, 3^{20}, 6^4\})$	5592406
6	$\mathcal{O}(0; \{2^{18}, 3^{23}, 6^4\})$	44739242
6	$\mathcal{O}(0; \{2^{14}, 3^{26}, 6^4\})$	357913942
6	$\mathcal{O}(0; \{2^{10}, 3^{29}, 6^4\})$	2863311530
6	$\mathcal{O}(0; \{2^6, 3^{32}, 6^4\})$	22906492246
6	$\mathcal{O}(0; \{2^2, 3^{35}, 6^4\})$	183251937962
6	$\mathcal{O}(0; \{2^{47}, 6^5\})$	10
6	$\mathcal{O}(0; \{2^{43}, 3^3, 6^5\})$	86
6	$\mathcal{O}(0; \{2^{39}, 3^6, 6^5\})$	682
6	$\mathcal{O}(0; \{2^{35}, 3^9, 6^5\})$	5462

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Table 8 – continued from previous page

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

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Table 8 – continued from previous page

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

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{11}, 3^{17}, 6^{13}\})$	357913942
6	$\mathcal{O}(0; \{2^7, 3^{20}, 6^{13}\})$	2863311530
6	$\mathcal{O}(0; \{2^3, 3^{23}, 6^{13}\})$	22906492246
6	$\mathcal{O}(0; \{2^{32}, 6^{14}\})$	5462
6	$\mathcal{O}(0; \{2^{28}, 3^3, 6^{14}\})$	43690
6	$\mathcal{O}(0; \{2^{24}, 3^6, 6^{14}\})$	349526
6	$\mathcal{O}(0; \{2^{20}, 3^9, 6^{14}\})$	2796202
6	$\mathcal{O}(0; \{2^{16}, 3^{12}, 6^{14}\})$	22369622
6	$\mathcal{O}(0; \{2^{12}, 3^{15}, 6^{14}\})$	178956970
6	$\mathcal{O}(0; \{2^8, 3^{18}, 6^{14}\})$	1431655766
6	$\mathcal{O}(0; \{2^4, 3^{21}, 6^{14}\})$	11453246122
6	$\mathcal{O}(0; \{3^{24}, 6^{14}\})$	91625968982
6	$\mathcal{O}(0; \{2^{29}, 3, 6^{15}\})$	21846
6	$\mathcal{O}(0; \{2^{25}, 3^4, 6^{15}\})$	174762
6	$\mathcal{O}(0; \{2^{21}, 3^7, 6^{15}\})$	1398102
6	$\mathcal{O}(0; \{2^{17}, 3^{10}, 6^{15}\})$	11184810
6	$\mathcal{O}(0; \{2^{13}, 3^{13}, 6^{15}\})$	89478486
6	$\mathcal{O}(0; \{2^9, 3^{16}, 6^{15}\})$	715827882
6	$\mathcal{O}(0; \{2^5, 3^{19}, 6^{15}\})$	5726623062
6	$\mathcal{O}(0; \{2, 3^{22}, 6^{15}\})$	45812984490
6	$\mathcal{O}(0; \{2^{26}, 3^2, 6^{16}\})$	87382
6	$\mathcal{O}(0; \{2^{22}, 3^5, 6^{16}\})$	699050
6	$\mathcal{O}(0; \{2^{18}, 3^8, 6^{16}\})$	5592406
6	$\mathcal{O}(0; \{2^{14}, 3^{11}, 6^{16}\})$	44739242
6	$\mathcal{O}(0; \{2^{10}, 3^{14}, 6^{16}\})$	357913942
6	$\mathcal{O}(0; \{2^6, 3^{17}, 6^{16}\})$	2863311530
6	$\mathcal{O}(0; \{2^2, 3^{20}, 6^{16}\})$	22906492246
6	$\mathcal{O}(0; \{2^{27}, 6^{17}\})$	43690
6	$\mathcal{O}(0; \{2^{23}, 3^3, 6^{17}\})$	349526
6	$\mathcal{O}(0; \{2^{19}, 3^6, 6^{17}\})$	2796202
6	$\mathcal{O}(0; \{2^{15}, 3^9, 6^{17}\})$	22369622
6	$\mathcal{O}(0; \{2^{11}, 3^{12}, 6^{17}\})$	178956970
6	$\mathcal{O}(0; \{2^7, 3^{15}, 6^{17}\})$	1431655766
6	$\mathcal{O}(0; \{2^3, 3^{18}, 6^{17}\})$	11453246122
6	$\mathcal{O}(0; \{2^{24}, 3, 6^{18}\})$	174762
6	$\mathcal{O}(0; \{2^{20}, 3^4, 6^{18}\})$	1398102
6	$\mathcal{O}(0; \{2^{16}, 3^7, 6^{18}\})$	11184810
6	$\mathcal{O}(0; \{2^{12}, 3^{10}, 6^{18}\})$	89478486
6	$\mathcal{O}(0; \{2^8, 3^{13}, 6^{18}\})$	715827882
6	$\mathcal{O}(0; \{2^4, 3^{16}, 6^{18}\})$	5726623062
6	$\mathcal{O}(0; \{3^{19}, 6^{18}\})$	45812984490
6	$\mathcal{O}(0; \{2^{21}, 3^2, 6^{19}\})$	699050
6	$\mathcal{O}(0; \{2^{17}, 3^5, 6^{19}\})$	5592406

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Table 8 – continued from previous page

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

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^4, 3, 6^{30}\})$	715827882
6	$\mathcal{O}(0; \{3^4, 6^{30}\})$	5726623062
6	$\mathcal{O}(0; \{2, 3^2, 6^{31}\})$	2863311530
6	$\mathcal{O}(0; \{2^2, 6^{32}\})$	1431655766
7	$\mathcal{O}(12; \emptyset)$	191581231380566414400
7	$\mathcal{O}(9; \{7^7\})$	65120259780438855510
7	$\mathcal{O}(6; \{7^{14}\})$	154951557371725179786
7	$\mathcal{O}(3; \{7^{21}\})$	368694329412830524950
7	$\mathcal{O}(0; \{7^{28}\})$	877277459209259356746
8	$\mathcal{O}(9; \{2^3, 8^2\})$	72057594037927936
8	$\mathcal{O}(9; \{4^2, 8^2\})$	288230376151711744
8	$\mathcal{O}(8; \{2^7, 8^2\})$	1125899906842624
8	$\mathcal{O}(8; \{2^4, 4^2, 8^2\})$	4503599627370496
8	$\mathcal{O}(8; \{2, 4^4, 8^2\})$	18014398509481984
8	$\mathcal{O}(8; \{2^2, 4, 8^4\})$	36028797018963968
8	$\mathcal{O}(8; \{8^6\})$	288230376151711744
8	$\mathcal{O}(7; \{2^{11}, 8^2\})$	17592186044416
8	$\mathcal{O}(7; \{2^8, 4^2, 8^2\})$	70368744177664
8	$\mathcal{O}(7; \{2^5, 4^4, 8^2\})$	281474976710656
8	$\mathcal{O}(7; \{2^2, 4^6, 8^2\})$	1125899906842624
8	$\mathcal{O}(7; \{2^6, 4, 8^4\})$	562949953421312
8	$\mathcal{O}(7; \{2^3, 4^3, 8^4\})$	2251799813685248
8	$\mathcal{O}(7; \{4^5, 8^4\})$	9007199254740992
8	$\mathcal{O}(7; \{2^4, 8^6\})$	4503599627370496
8	$\mathcal{O}(7; \{2, 4^2, 8^6\})$	18014398509481984
8	$\mathcal{O}(6; \{2^{15}, 8^2\})$	274877906944
8	$\mathcal{O}(6; \{2^{12}, 4^2, 8^2\})$	1099511627776
8	$\mathcal{O}(6; \{2^9, 4^4, 8^2\})$	4398046511104
8	$\mathcal{O}(6; \{2^6, 4^6, 8^2\})$	17592186044416
8	$\mathcal{O}(6; \{2^3, 4^8, 8^2\})$	70368744177664
8	$\mathcal{O}(6; \{4^{10}, 8^2\})$	281474976710656
8	$\mathcal{O}(6; \{2^{10}, 4, 8^4\})$	8796093022208
8	$\mathcal{O}(6; \{2^7, 4^3, 8^4\})$	35184372088832
8	$\mathcal{O}(6; \{2^4, 4^5, 8^4\})$	140737488355328
8	$\mathcal{O}(6; \{2, 4^7, 8^4\})$	562949953421312
8	$\mathcal{O}(6; \{2^8, 8^6\})$	70368744177664
8	$\mathcal{O}(6; \{2^5, 4^2, 8^6\})$	281474976710656
8	$\mathcal{O}(6; \{2^2, 4^4, 8^6\})$	1125899906842624
8	$\mathcal{O}(6; \{2^3, 4, 8^8\})$	2251799813685248
8	$\mathcal{O}(6; \{4^3, 8^8\})$	9007199254740992
8	$\mathcal{O}(6; \{2, 8^{10}\})$	18014398509481984
8	$\mathcal{O}(5; \{2^{19}, 8^2\})$	4294967296
8	$\mathcal{O}(5; \{2^{16}, 4^2, 8^2\})$	17179869184

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{2^{13}, 4^4, 8^2\})$	68719476736
8	$\mathcal{O}(5; \{2^{10}, 4^6, 8^2\})$	274877906944
8	$\mathcal{O}(5; \{2^7, 4^8, 8^2\})$	1099511627776
8	$\mathcal{O}(5; \{2^4, 4^{10}, 8^2\})$	4398046511104
8	$\mathcal{O}(5; \{2, 4^{12}, 8^2\})$	17592186044416
8	$\mathcal{O}(5; \{2^{14}, 4, 8^4\})$	137438953472
8	$\mathcal{O}(5; \{2^{11}, 4^3, 8^4\})$	549755813888
8	$\mathcal{O}(5; \{2^8, 4^5, 8^4\})$	2199023255552
8	$\mathcal{O}(5; \{2^5, 4^7, 8^4\})$	8796093022208
8	$\mathcal{O}(5; \{2^2, 4^9, 8^4\})$	35184372088832
8	$\mathcal{O}(5; \{2^{12}, 8^6\})$	1099511627776
8	$\mathcal{O}(5; \{2^9, 4^2, 8^6\})$	4398046511104
8	$\mathcal{O}(5; \{2^6, 4^4, 8^6\})$	17592186044416
8	$\mathcal{O}(5; \{2^3, 4^6, 8^6\})$	70368744177664
8	$\mathcal{O}(5; \{4^8, 8^6\})$	281474976710656
8	$\mathcal{O}(5; \{2^7, 4, 8^8\})$	35184372088832
8	$\mathcal{O}(5; \{2^4, 4^3, 8^8\})$	140737488355328
8	$\mathcal{O}(5; \{2, 4^5, 8^8\})$	562949953421312
8	$\mathcal{O}(5; \{2^5, 8^{10}\})$	281474976710656
8	$\mathcal{O}(5; \{2^2, 4^2, 8^{10}\})$	1125899906842624
8	$\mathcal{O}(5; \{4, 8^{12}\})$	9007199254740992
8	$\mathcal{O}(4; \{2^{23}, 8^2\})$	67108864
8	$\mathcal{O}(4; \{2^{20}, 4^2, 8^2\})$	268435456
8	$\mathcal{O}(4; \{2^{17}, 4^4, 8^2\})$	1073741824
8	$\mathcal{O}(4; \{2^{14}, 4^6, 8^2\})$	4294967296
8	$\mathcal{O}(4; \{2^{11}, 4^8, 8^2\})$	17179869184
8	$\mathcal{O}(4; \{2^8, 4^{10}, 8^2\})$	68719476736
8	$\mathcal{O}(4; \{2^5, 4^{12}, 8^2\})$	274877906944
8	$\mathcal{O}(4; \{2^2, 4^{14}, 8^2\})$	1099511627776
8	$\mathcal{O}(4; \{2^{18}, 4, 8^4\})$	2147483648
8	$\mathcal{O}(4; \{2^{15}, 4^3, 8^4\})$	8589934592
8	$\mathcal{O}(4; \{2^{12}, 4^5, 8^4\})$	34359738368
8	$\mathcal{O}(4; \{2^9, 4^7, 8^4\})$	137438953472
8	$\mathcal{O}(4; \{2^6, 4^9, 8^4\})$	549755813888
8	$\mathcal{O}(4; \{2^3, 4^{11}, 8^4\})$	2199023255552
8	$\mathcal{O}(4; \{4^{13}, 8^4\})$	8796093022208
8	$\mathcal{O}(4; \{2^{16}, 8^6\})$	17179869184
8	$\mathcal{O}(4; \{2^{13}, 4^2, 8^6\})$	68719476736
8	$\mathcal{O}(4; \{2^{10}, 4^4, 8^6\})$	274877906944
8	$\mathcal{O}(4; \{2^7, 4^6, 8^6\})$	1099511627776
8	$\mathcal{O}(4; \{2^4, 4^8, 8^6\})$	4398046511104
8	$\mathcal{O}(4; \{2, 4^{10}, 8^6\})$	17592186044416
8	$\mathcal{O}(4; \{2^{11}, 4, 8^8\})$	549755813888

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{2^8, 4^3, 8^8\})$	2199023255552
8	$\mathcal{O}(4; \{2^5, 4^5, 8^8\})$	8796093022208
8	$\mathcal{O}(4; \{2^2, 4^7, 8^8\})$	35184372088832
8	$\mathcal{O}(4; \{2^9, 8^{10}\})$	4398046511104
8	$\mathcal{O}(4; \{2^6, 4^2, 8^{10}\})$	17592186044416
8	$\mathcal{O}(4; \{2^3, 4^4, 8^{10}\})$	70368744177664
8	$\mathcal{O}(4; \{4^6, 8^{10}\})$	281474976710656
8	$\mathcal{O}(4; \{2^4, 4, 8^{12}\})$	140737488355328
8	$\mathcal{O}(4; \{2, 4^3, 8^{12}\})$	562949953421312
8	$\mathcal{O}(4; \{2^2, 8^{14}\})$	1125899906842624
8	$\mathcal{O}(3; \{2^{27}, 8^2\})$	1048576
8	$\mathcal{O}(3; \{2^{24}, 4^2, 8^2\})$	4194304
8	$\mathcal{O}(3; \{2^{21}, 4^4, 8^2\})$	16777216
8	$\mathcal{O}(3; \{2^{18}, 4^6, 8^2\})$	67108864
8	$\mathcal{O}(3; \{2^{15}, 4^8, 8^2\})$	268435456
8	$\mathcal{O}(3; \{2^{12}, 4^{10}, 8^2\})$	1073741824
8	$\mathcal{O}(3; \{2^9, 4^{12}, 8^2\})$	4294967296
8	$\mathcal{O}(3; \{2^6, 4^{14}, 8^2\})$	17179869184
8	$\mathcal{O}(3; \{2^3, 4^{16}, 8^2\})$	68719476736
8	$\mathcal{O}(3; \{4^{18}, 8^2\})$	274877906944
8	$\mathcal{O}(3; \{2^{22}, 4, 8^4\})$	33554432
8	$\mathcal{O}(3; \{2^{19}, 4^3, 8^4\})$	134217728
8	$\mathcal{O}(3; \{2^{16}, 4^5, 8^4\})$	536870912
8	$\mathcal{O}(3; \{2^{13}, 4^7, 8^4\})$	2147483648
8	$\mathcal{O}(3; \{2^{10}, 4^9, 8^4\})$	8589934592
8	$\mathcal{O}(3; \{2^7, 4^{11}, 8^4\})$	34359738368
8	$\mathcal{O}(3; \{2^4, 4^{13}, 8^4\})$	137438953472
8	$\mathcal{O}(3; \{2, 4^{15}, 8^4\})$	549755813888
8	$\mathcal{O}(3; \{2^{20}, 8^6\})$	268435456
8	$\mathcal{O}(3; \{2^{17}, 4^2, 8^6\})$	1073741824
8	$\mathcal{O}(3; \{2^{14}, 4^4, 8^6\})$	4294967296
8	$\mathcal{O}(3; \{2^{11}, 4^6, 8^6\})$	17179869184
8	$\mathcal{O}(3; \{2^8, 4^8, 8^6\})$	68719476736
8	$\mathcal{O}(3; \{2^5, 4^{10}, 8^6\})$	274877906944
8	$\mathcal{O}(3; \{2^2, 4^{12}, 8^6\})$	1099511627776
8	$\mathcal{O}(3; \{2^{15}, 4, 8^8\})$	8589934592
8	$\mathcal{O}(3; \{2^{12}, 4^3, 8^8\})$	34359738368
8	$\mathcal{O}(3; \{2^9, 4^5, 8^8\})$	137438953472
8	$\mathcal{O}(3; \{2^6, 4^7, 8^8\})$	549755813888
8	$\mathcal{O}(3; \{2^3, 4^9, 8^8\})$	2199023255552
8	$\mathcal{O}(3; \{4^{11}, 8^8\})$	8796093022208
8	$\mathcal{O}(3; \{2^{13}, 8^{10}\})$	68719476736
8	$\mathcal{O}(3; \{2^{10}, 4^2, 8^{10}\})$	274877906944

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{2^7, 4^4, 8^{10}\})$	1099511627776
8	$\mathcal{O}(3; \{2^4, 4^6, 8^{10}\})$	4398046511104
8	$\mathcal{O}(3; \{2, 4^8, 8^{10}\})$	17592186044416
8	$\mathcal{O}(3; \{2^8, 4, 8^{12}\})$	2199023255552
8	$\mathcal{O}(3; \{2^5, 4^3, 8^{12}\})$	8796093022208
8	$\mathcal{O}(3; \{2^2, 4^5, 8^{12}\})$	35184372088832
8	$\mathcal{O}(3; \{2^6, 8^{14}\})$	17592186044416
8	$\mathcal{O}(3; \{2^3, 4^2, 8^{14}\})$	70368744177664
8	$\mathcal{O}(3; \{4^4, 8^{14}\})$	281474976710656
8	$\mathcal{O}(3; \{2, 4, 8^{16}\})$	562949953421312
8	$\mathcal{O}(2; \{2^{31}, 8^2\})$	16384
8	$\mathcal{O}(2; \{2^{28}, 4^2, 8^2\})$	65536
8	$\mathcal{O}(2; \{2^{25}, 4^4, 8^2\})$	262144
8	$\mathcal{O}(2; \{2^{22}, 4^6, 8^2\})$	1048576
8	$\mathcal{O}(2; \{2^{19}, 4^8, 8^2\})$	4194304
8	$\mathcal{O}(2; \{2^{16}, 4^{10}, 8^2\})$	16777216
8	$\mathcal{O}(2; \{2^{13}, 4^{12}, 8^2\})$	67108864
8	$\mathcal{O}(2; \{2^{10}, 4^{14}, 8^2\})$	268435456
8	$\mathcal{O}(2; \{2^7, 4^{16}, 8^2\})$	1073741824
8	$\mathcal{O}(2; \{2^4, 4^{18}, 8^2\})$	4294967296
8	$\mathcal{O}(2; \{2, 4^{20}, 8^2\})$	17179869184
8	$\mathcal{O}(2; \{2^{26}, 4, 8^4\})$	524288
8	$\mathcal{O}(2; \{2^{23}, 4^3, 8^4\})$	2097152
8	$\mathcal{O}(2; \{2^{20}, 4^5, 8^4\})$	8388608
8	$\mathcal{O}(2; \{2^{17}, 4^7, 8^4\})$	33554432
8	$\mathcal{O}(2; \{2^{14}, 4^9, 8^4\})$	134217728
8	$\mathcal{O}(2; \{2^{11}, 4^{11}, 8^4\})$	536870912
8	$\mathcal{O}(2; \{2^8, 4^{13}, 8^4\})$	2147483648
8	$\mathcal{O}(2; \{2^5, 4^{15}, 8^4\})$	8589934592
8	$\mathcal{O}(2; \{2^2, 4^{17}, 8^4\})$	34359738368
8	$\mathcal{O}(2; \{2^{24}, 8^6\})$	4194304
8	$\mathcal{O}(2; \{2^{21}, 4^2, 8^6\})$	16777216
8	$\mathcal{O}(2; \{2^{18}, 4^4, 8^6\})$	67108864
8	$\mathcal{O}(2; \{2^{15}, 4^6, 8^6\})$	268435456
8	$\mathcal{O}(2; \{2^{12}, 4^8, 8^6\})$	1073741824
8	$\mathcal{O}(2; \{2^9, 4^{10}, 8^6\})$	4294967296
8	$\mathcal{O}(2; \{2^6, 4^{12}, 8^6\})$	17179869184
8	$\mathcal{O}(2; \{2^3, 4^{14}, 8^6\})$	68719476736
8	$\mathcal{O}(2; \{4^{16}, 8^6\})$	274877906944
8	$\mathcal{O}(2; \{2^{19}, 4, 8^8\})$	134217728
8	$\mathcal{O}(2; \{2^{16}, 4^3, 8^8\})$	536870912
8	$\mathcal{O}(2; \{2^{13}, 4^5, 8^8\})$	2147483648
8	$\mathcal{O}(2; \{2^{10}, 4^7, 8^8\})$	8589934592

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^7, 4^9, 8^8\})$	34359738368
8	$\mathcal{O}(2; \{2^4, 4^{11}, 8^8\})$	137438953472
8	$\mathcal{O}(2; \{2, 4^{13}, 8^8\})$	549755813888
8	$\mathcal{O}(2; \{2^{17}, 8^{10}\})$	1073741824
8	$\mathcal{O}(2; \{2^{14}, 4^2, 8^{10}\})$	4294967296
8	$\mathcal{O}(2; \{2^{11}, 4^4, 8^{10}\})$	17179869184
8	$\mathcal{O}(2; \{2^8, 4^6, 8^{10}\})$	68719476736
8	$\mathcal{O}(2; \{2^5, 4^8, 8^{10}\})$	274877906944
8	$\mathcal{O}(2; \{2^2, 4^{10}, 8^{10}\})$	1099511627776
8	$\mathcal{O}(2; \{2^{12}, 4, 8^{12}\})$	34359738368
8	$\mathcal{O}(2; \{2^9, 4^3, 8^{12}\})$	137438953472
8	$\mathcal{O}(2; \{2^6, 4^5, 8^{12}\})$	549755813888
8	$\mathcal{O}(2; \{2^3, 4^7, 8^{12}\})$	2199023255552
8	$\mathcal{O}(2; \{4^9, 8^{12}\})$	8796093022208
8	$\mathcal{O}(2; \{2^{10}, 8^{14}\})$	274877906944
8	$\mathcal{O}(2; \{2^7, 4^2, 8^{14}\})$	1099511627776
8	$\mathcal{O}(2; \{2^4, 4^4, 8^{14}\})$	4398046511104
8	$\mathcal{O}(2; \{2, 4^6, 8^{14}\})$	17592186044416
8	$\mathcal{O}(2; \{2^5, 4, 8^{16}\})$	8796093022208
8	$\mathcal{O}(2; \{2^2, 4^3, 8^{16}\})$	35184372088832
8	$\mathcal{O}(2; \{2^3, 8^{18}\})$	70368744177664
8	$\mathcal{O}(2; \{4^2, 8^{18}\})$	281474976710656
8	$\mathcal{O}(1; \{2^{35}, 8^2\})$	256
8	$\mathcal{O}(1; \{2^{32}, 4^2, 8^2\})$	1024
8	$\mathcal{O}(1; \{2^{29}, 4^4, 8^2\})$	4096
8	$\mathcal{O}(1; \{2^{26}, 4^6, 8^2\})$	16384
8	$\mathcal{O}(1; \{2^{23}, 4^8, 8^2\})$	65536
8	$\mathcal{O}(1; \{2^{20}, 4^{10}, 8^2\})$	262144
8	$\mathcal{O}(1; \{2^{17}, 4^{12}, 8^2\})$	1048576
8	$\mathcal{O}(1; \{2^{14}, 4^{14}, 8^2\})$	4194304
8	$\mathcal{O}(1; \{2^{11}, 4^{16}, 8^2\})$	16777216
8	$\mathcal{O}(1; \{2^8, 4^{18}, 8^2\})$	67108864
8	$\mathcal{O}(1; \{2^5, 4^{20}, 8^2\})$	268435456
8	$\mathcal{O}(1; \{2^2, 4^{22}, 8^2\})$	1073741824
8	$\mathcal{O}(1; \{2^{30}, 4, 8^4\})$	8192
8	$\mathcal{O}(1; \{2^{27}, 4^3, 8^4\})$	32768
8	$\mathcal{O}(1; \{2^{24}, 4^5, 8^4\})$	131072
8	$\mathcal{O}(1; \{2^{21}, 4^7, 8^4\})$	524288
8	$\mathcal{O}(1; \{2^{18}, 4^9, 8^4\})$	2097152
8	$\mathcal{O}(1; \{2^{15}, 4^{11}, 8^4\})$	8388608
8	$\mathcal{O}(1; \{2^{12}, 4^{13}, 8^4\})$	33554432
8	$\mathcal{O}(1; \{2^9, 4^{15}, 8^4\})$	134217728
8	$\mathcal{O}(1; \{2^6, 4^{17}, 8^4\})$	536870912

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^3, 4^{19}, 8^4\})$	2147483648
8	$\mathcal{O}(1; \{4^{21}, 8^4\})$	8589934592
8	$\mathcal{O}(1; \{2^{28}, 8^6\})$	65536
8	$\mathcal{O}(1; \{2^{25}, 4^2, 8^6\})$	262144
8	$\mathcal{O}(1; \{2^{22}, 4^4, 8^6\})$	1048576
8	$\mathcal{O}(1; \{2^{19}, 4^6, 8^6\})$	4194304
8	$\mathcal{O}(1; \{2^{16}, 4^8, 8^6\})$	16777216
8	$\mathcal{O}(1; \{2^{13}, 4^{10}, 8^6\})$	67108864
8	$\mathcal{O}(1; \{2^{10}, 4^{12}, 8^6\})$	268435456
8	$\mathcal{O}(1; \{2^7, 4^{14}, 8^6\})$	1073741824
8	$\mathcal{O}(1; \{2^4, 4^{16}, 8^6\})$	4294967296
8	$\mathcal{O}(1; \{2, 4^{18}, 8^6\})$	17179869184
8	$\mathcal{O}(1; \{2^{23}, 4, 8^8\})$	2097152
8	$\mathcal{O}(1; \{2^{20}, 4^3, 8^8\})$	8388608
8	$\mathcal{O}(1; \{2^{17}, 4^5, 8^8\})$	33554432
8	$\mathcal{O}(1; \{2^{14}, 4^7, 8^8\})$	134217728
8	$\mathcal{O}(1; \{2^{11}, 4^9, 8^8\})$	536870912
8	$\mathcal{O}(1; \{2^8, 4^{11}, 8^8\})$	2147483648
8	$\mathcal{O}(1; \{2^5, 4^{13}, 8^8\})$	8589934592
8	$\mathcal{O}(1; \{2^2, 4^{15}, 8^8\})$	34359738368
8	$\mathcal{O}(1; \{2^{21}, 8^{10}\})$	16777216
8	$\mathcal{O}(1; \{2^{18}, 4^2, 8^{10}\})$	67108864
8	$\mathcal{O}(1; \{2^{15}, 4^4, 8^{10}\})$	268435456
8	$\mathcal{O}(1; \{2^{12}, 4^6, 8^{10}\})$	1073741824
8	$\mathcal{O}(1; \{2^9, 4^8, 8^{10}\})$	4294967296
8	$\mathcal{O}(1; \{2^6, 4^{10}, 8^{10}\})$	17179869184
8	$\mathcal{O}(1; \{2^3, 4^{12}, 8^{10}\})$	68719476736
8	$\mathcal{O}(1; \{4^{14}, 8^{10}\})$	274877906944
8	$\mathcal{O}(1; \{2^{16}, 4, 8^{12}\})$	536870912
8	$\mathcal{O}(1; \{2^{13}, 4^3, 8^{12}\})$	2147483648
8	$\mathcal{O}(1; \{2^{10}, 4^5, 8^{12}\})$	8589934592
8	$\mathcal{O}(1; \{2^7, 4^7, 8^{12}\})$	34359738368
8	$\mathcal{O}(1; \{2^4, 4^9, 8^{12}\})$	137438953472
8	$\mathcal{O}(1; \{2, 4^{11}, 8^{12}\})$	549755813888
8	$\mathcal{O}(1; \{2^{14}, 8^{14}\})$	4294967296
8	$\mathcal{O}(1; \{2^{11}, 4^2, 8^{14}\})$	17179869184
8	$\mathcal{O}(1; \{2^8, 4^4, 8^{14}\})$	68719476736
8	$\mathcal{O}(1; \{2^5, 4^6, 8^{14}\})$	274877906944
8	$\mathcal{O}(1; \{2^2, 4^8, 8^{14}\})$	1099511627776
8	$\mathcal{O}(1; \{2^9, 4, 8^{16}\})$	137438953472
8	$\mathcal{O}(1; \{2^6, 4^3, 8^{16}\})$	549755813888
8	$\mathcal{O}(1; \{2^3, 4^5, 8^{16}\})$	2199023255552
8	$\mathcal{O}(1; \{4^7, 8^{16}\})$	8796093022208

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^7, 8^{18}\})$	1099511627776
8	$\mathcal{O}(1; \{2^4, 4^2, 8^{18}\})$	4398046511104
8	$\mathcal{O}(1; \{2, 4^4, 8^{18}\})$	17592186044416
8	$\mathcal{O}(1; \{2^2, 4, 8^{20}\})$	35184372088832
8	$\mathcal{O}(1; \{8^{22}\})$	281474976710656
8	$\mathcal{O}(0; \{2^{39}, 8^2\})$	4
8	$\mathcal{O}(0; \{2^{36}, 4^2, 8^2\})$	16
8	$\mathcal{O}(0; \{2^{33}, 4^4, 8^2\})$	64
8	$\mathcal{O}(0; \{2^{30}, 4^6, 8^2\})$	256
8	$\mathcal{O}(0; \{2^{27}, 4^8, 8^2\})$	1024
8	$\mathcal{O}(0; \{2^{24}, 4^{10}, 8^2\})$	4096
8	$\mathcal{O}(0; \{2^{21}, 4^{12}, 8^2\})$	16384
8	$\mathcal{O}(0; \{2^{18}, 4^{14}, 8^2\})$	65536
8	$\mathcal{O}(0; \{2^{15}, 4^{16}, 8^2\})$	262144
8	$\mathcal{O}(0; \{2^{12}, 4^{18}, 8^2\})$	1048576
8	$\mathcal{O}(0; \{2^9, 4^{20}, 8^2\})$	4194304
8	$\mathcal{O}(0; \{2^6, 4^{22}, 8^2\})$	16777216
8	$\mathcal{O}(0; \{2^3, 4^{24}, 8^2\})$	67108864
8	$\mathcal{O}(0; \{4^{26}, 8^2\})$	268435456
8	$\mathcal{O}(0; \{2^{34}, 4, 8^4\})$	128
8	$\mathcal{O}(0; \{2^{31}, 4^3, 8^4\})$	512
8	$\mathcal{O}(0; \{2^{28}, 4^5, 8^4\})$	2048
8	$\mathcal{O}(0; \{2^{25}, 4^7, 8^4\})$	8192
8	$\mathcal{O}(0; \{2^{22}, 4^9, 8^4\})$	32768
8	$\mathcal{O}(0; \{2^{19}, 4^{11}, 8^4\})$	131072
8	$\mathcal{O}(0; \{2^{16}, 4^{13}, 8^4\})$	524288
8	$\mathcal{O}(0; \{2^{13}, 4^{15}, 8^4\})$	2097152
8	$\mathcal{O}(0; \{2^{10}, 4^{17}, 8^4\})$	8388608
8	$\mathcal{O}(0; \{2^7, 4^{19}, 8^4\})$	33554432
8	$\mathcal{O}(0; \{2^4, 4^{21}, 8^4\})$	134217728
8	$\mathcal{O}(0; \{2, 4^{23}, 8^4\})$	536870912
8	$\mathcal{O}(0; \{2^{32}, 8^6\})$	1024
8	$\mathcal{O}(0; \{2^{29}, 4^2, 8^6\})$	4096
8	$\mathcal{O}(0; \{2^{26}, 4^4, 8^6\})$	16384
8	$\mathcal{O}(0; \{2^{23}, 4^6, 8^6\})$	65536
8	$\mathcal{O}(0; \{2^{20}, 4^8, 8^6\})$	262144
8	$\mathcal{O}(0; \{2^{17}, 4^{10}, 8^6\})$	1048576
8	$\mathcal{O}(0; \{2^{14}, 4^{12}, 8^6\})$	4194304
8	$\mathcal{O}(0; \{2^{11}, 4^{14}, 8^6\})$	16777216
8	$\mathcal{O}(0; \{2^8, 4^{16}, 8^6\})$	67108864
8	$\mathcal{O}(0; \{2^5, 4^{18}, 8^6\})$	268435456
8	$\mathcal{O}(0; \{2^2, 4^{20}, 8^6\})$	1073741824
8	$\mathcal{O}(0; \{2^{27}, 4, 8^8\})$	32768

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^{24}, 4^3, 8^8\})$	131072
8	$\mathcal{O}(0; \{2^{21}, 4^5, 8^8\})$	524288
8	$\mathcal{O}(0; \{2^{18}, 4^7, 8^8\})$	2097152
8	$\mathcal{O}(0; \{2^{15}, 4^9, 8^8\})$	8388608
8	$\mathcal{O}(0; \{2^{12}, 4^{11}, 8^8\})$	33554432
8	$\mathcal{O}(0; \{2^9, 4^{13}, 8^8\})$	134217728
8	$\mathcal{O}(0; \{2^6, 4^{15}, 8^8\})$	536870912
8	$\mathcal{O}(0; \{2^3, 4^{17}, 8^8\})$	2147483648
8	$\mathcal{O}(0; \{4^{19}, 8^8\})$	8589934592
8	$\mathcal{O}(0; \{2^{25}, 8^{10}\})$	262144
8	$\mathcal{O}(0; \{2^{22}, 4^2, 8^{10}\})$	1048576
8	$\mathcal{O}(0; \{2^{19}, 4^4, 8^{10}\})$	4194304
8	$\mathcal{O}(0; \{2^{16}, 4^6, 8^{10}\})$	16777216
8	$\mathcal{O}(0; \{2^{13}, 4^8, 8^{10}\})$	67108864
8	$\mathcal{O}(0; \{2^{10}, 4^{10}, 8^{10}\})$	268435456
8	$\mathcal{O}(0; \{2^7, 4^{12}, 8^{10}\})$	1073741824
8	$\mathcal{O}(0; \{2^4, 4^{14}, 8^{10}\})$	4294967296
8	$\mathcal{O}(0; \{2, 4^{16}, 8^{10}\})$	17179869184
8	$\mathcal{O}(0; \{2^{20}, 4, 8^{12}\})$	8388608
8	$\mathcal{O}(0; \{2^{17}, 4^3, 8^{12}\})$	33554432
8	$\mathcal{O}(0; \{2^{14}, 4^5, 8^{12}\})$	134217728
8	$\mathcal{O}(0; \{2^{11}, 4^7, 8^{12}\})$	536870912
8	$\mathcal{O}(0; \{2^8, 4^9, 8^{12}\})$	2147483648
8	$\mathcal{O}(0; \{2^5, 4^{11}, 8^{12}\})$	8589934592
8	$\mathcal{O}(0; \{2^2, 4^{13}, 8^{12}\})$	34359738368
8	$\mathcal{O}(0; \{2^{18}, 8^{14}\})$	67108864
8	$\mathcal{O}(0; \{2^{15}, 4^2, 8^{14}\})$	268435456
8	$\mathcal{O}(0; \{2^{12}, 4^4, 8^{14}\})$	1073741824
8	$\mathcal{O}(0; \{2^9, 4^6, 8^{14}\})$	4294967296
8	$\mathcal{O}(0; \{2^6, 4^8, 8^{14}\})$	17179869184
8	$\mathcal{O}(0; \{2^3, 4^{10}, 8^{14}\})$	68719476736
8	$\mathcal{O}(0; \{4^{12}, 8^{14}\})$	274877906944
8	$\mathcal{O}(0; \{2^{13}, 4, 8^{16}\})$	2147483648
8	$\mathcal{O}(0; \{2^{10}, 4^3, 8^{16}\})$	8589934592
8	$\mathcal{O}(0; \{2^7, 4^5, 8^{16}\})$	34359738368
8	$\mathcal{O}(0; \{2^4, 4^7, 8^{16}\})$	137438953472
8	$\mathcal{O}(0; \{2, 4^9, 8^{16}\})$	549755813888
8	$\mathcal{O}(0; \{2^{11}, 8^{18}\})$	17179869184
8	$\mathcal{O}(0; \{2^8, 4^2, 8^{18}\})$	68719476736
8	$\mathcal{O}(0; \{2^5, 4^4, 8^{18}\})$	274877906944
8	$\mathcal{O}(0; \{2^2, 4^6, 8^{18}\})$	1099511627776
8	$\mathcal{O}(0; \{2^6, 4, 8^{20}\})$	549755813888
8	$\mathcal{O}(0; \{2^3, 4^3, 8^{20}\})$	2199023255552

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{4^5, 8^{20}\})$	8796093022208
8	$\mathcal{O}(0; \{2^4, 8^{22}\})$	4398046511104
8	$\mathcal{O}(0; \{2, 4^2, 8^{22}\})$	17592186044416
9	$\mathcal{O}(8; \{3^2, 9^2\})$	44472484532444184
9	$\mathcal{O}(7; \{3^5, 9^2\})$	4392344151352512
9	$\mathcal{O}(7; \{3, 9^5\})$	37060403777036820
9	$\mathcal{O}(6; \{3^8, 9^2\})$	433811768034816
9	$\mathcal{O}(6; \{3^4, 9^5\})$	3660286792793760
9	$\mathcal{O}(6; \{9^8\})$	53119912080419442
9	$\mathcal{O}(5; \{3^{11}, 9^2\})$	42845606719488
9	$\mathcal{O}(5; \{3^7, 9^5\})$	361509806695680
9	$\mathcal{O}(5; \{3^3, 9^8\})$	5246411069671056
9	$\mathcal{O}(4; \{3^{14}, 9^2\})$	4231664861184
9	$\mathcal{O}(4; \{3^{10}, 9^5\})$	35704672266240
9	$\mathcal{O}(4; \{3^6, 9^8\})$	518164056263808
9	$\mathcal{O}(4; \{3^2, 9^{11}\})$	6934209979681512
9	$\mathcal{O}(3; \{3^{17}, 9^2\})$	417942208512
9	$\mathcal{O}(3; \{3^{13}, 9^5\})$	3526387384320
9	$\mathcal{O}(3; \{3^9, 9^8\})$	51176696914944
9	$\mathcal{O}(3; \{3^5, 9^{11}\})$	684860244906816
9	$\mathcal{O}(3; \{3, 9^{14}\})$	9255780769555332
9	$\mathcal{O}(2; \{3^{20}, 9^2\})$	41278242816
9	$\mathcal{O}(2; \{3^{16}, 9^5\})$	348285173760
9	$\mathcal{O}(2; \{3^{12}, 9^8\})$	5054488584192
9	$\mathcal{O}(2; \{3^8, 9^{11}\})$	67640518015488
9	$\mathcal{O}(2; \{3^4, 9^{14}\})$	914151187116576
9	$\mathcal{O}(2; \{9^{17}\})$	12339346448854890
9	$\mathcal{O}(1; \{3^{23}, 9^2\})$	4076863488
9	$\mathcal{O}(1; \{3^{19}, 9^5\})$	34398535680
9	$\mathcal{O}(1; \{3^{15}, 9^8\})$	499208749056
9	$\mathcal{O}(1; \{3^{11}, 9^{11}\})$	6680544989184
9	$\mathcal{O}(1; \{3^7, 9^{14}\})$	90286536999168
9	$\mathcal{O}(1; \{3^3, 9^{17}\})$	1218700883837520
9	$\mathcal{O}(0; \{3^{26}, 9^2\})$	402653184
9	$\mathcal{O}(0; \{3^{22}, 9^5\})$	3397386240
9	$\mathcal{O}(0; \{3^{18}, 9^8\})$	49304567808
9	$\mathcal{O}(0; \{3^{14}, 9^{11}\})$	659806912512
9	$\mathcal{O}(0; \{3^{10}, 9^{14}\})$	8917188839424
9	$\mathcal{O}(0; \{3^6, 9^{17}\})$	120365519391360
9	$\mathcal{O}(0; \{3^2, 9^{20}\})$	1624962406058568
10	$\mathcal{O}(7; \{2^2, 5^3\})$	1200000000000000
10	$\mathcal{O}(7; \{5^2, 10^2\})$	5200000000000000
10	$\mathcal{O}(6; \{2^6, 5^3\})$	1200000000000000

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(6; \{2, 5^5, 10\})$	8200000000000000
10	$\mathcal{O}(6; \{2^4, 5^2, 10^2\})$	5200000000000000
10	$\mathcal{O}(6; \{2^2, 5, 10^4\})$	2040000000000000
10	$\mathcal{O}(6; \{10^6\})$	8200000000000000
10	$\mathcal{O}(5; \{2^{10}, 5^3\})$	1200000000000000
10	$\mathcal{O}(5; \{2^2, 5^8\})$	1310800000000000
10	$\mathcal{O}(5; \{2^5, 5^5, 10\})$	8200000000000000
10	$\mathcal{O}(5; \{2^8, 5^2, 10^2\})$	5200000000000000
10	$\mathcal{O}(5; \{5^7, 10^2\})$	5242800000000000
10	$\mathcal{O}(5; \{2^3, 5^4, 10^3\})$	3276000000000000
10	$\mathcal{O}(5; \{2^6, 5, 10^4\})$	2040000000000000
10	$\mathcal{O}(5; \{2, 5^3, 10^5\})$	1310800000000000
10	$\mathcal{O}(5; \{2^4, 10^6\})$	8200000000000000
10	$\mathcal{O}(4; \{2^{14}, 5^3\})$	1200000000000000
10	$\mathcal{O}(4; \{2^6, 5^8\})$	1310800000000000
10	$\mathcal{O}(4; \{2^9, 5^5, 10\})$	8200000000000000
10	$\mathcal{O}(4; \{2, 5^{10}, 10\})$	8388600000000000
10	$\mathcal{O}(4; \{2^{12}, 5^2, 10^2\})$	5200000000000000
10	$\mathcal{O}(4; \{2^4, 5^7, 10^2\})$	5242800000000000
10	$\mathcal{O}(4; \{2^7, 5^4, 10^3\})$	3276000000000000
10	$\mathcal{O}(4; \{2^{10}, 5, 10^4\})$	2040000000000000
10	$\mathcal{O}(4; \{2^2, 5^6, 10^4\})$	2097160000000000
10	$\mathcal{O}(4; \{2^5, 5^3, 10^5\})$	1310800000000000
10	$\mathcal{O}(4; \{2^8, 10^6\})$	8200000000000000
10	$\mathcal{O}(4; \{5^5, 10^6\})$	8388600000000000
10	$\mathcal{O}(4; \{2^3, 5^2, 10^7\})$	5242800000000000
10	$\mathcal{O}(4; \{2, 5, 10^9\})$	2097160000000000
10	$\mathcal{O}(3; \{2^{18}, 5^3\})$	1200000000000000
10	$\mathcal{O}(3; \{2^{10}, 5^8\})$	1310800000000000
10	$\mathcal{O}(3; \{2^2, 5^{13}\})$	1342177200000000
10	$\mathcal{O}(3; \{2^{13}, 5^5, 10\})$	8200000000000000
10	$\mathcal{O}(3; \{2^5, 5^{10}, 10\})$	8388600000000000
10	$\mathcal{O}(3; \{2^{16}, 5^2, 10^2\})$	5200000000000000
10	$\mathcal{O}(3; \{2^8, 5^7, 10^2\})$	5242800000000000
10	$\mathcal{O}(3; \{5^{12}, 10^2\})$	5368709200000000
10	$\mathcal{O}(3; \{2^{11}, 5^4, 10^3\})$	3276000000000000
10	$\mathcal{O}(3; \{2^3, 5^9, 10^3\})$	3355444000000000
10	$\mathcal{O}(3; \{2^{14}, 5, 10^4\})$	2040000000000000
10	$\mathcal{O}(3; \{2^6, 5^6, 10^4\})$	2097160000000000
10	$\mathcal{O}(3; \{2^9, 5^3, 10^5\})$	1310800000000000
10	$\mathcal{O}(3; \{2, 5^8, 10^5\})$	1342177200000000
10	$\mathcal{O}(3; \{2^{12}, 10^6\})$	8200000000000000
10	$\mathcal{O}(3; \{2^4, 5^5, 10^6\})$	8388600000000000

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{2^7, 5^2, 10^7\})$	5242800000
10	$\mathcal{O}(3; \{2^2, 5^4, 10^8\})$	335544400000
10	$\mathcal{O}(3; \{2^5, 5, 10^9\})$	209716000000
10	$\mathcal{O}(3; \{5^3, 10^{10}\})$	13421772000000
10	$\mathcal{O}(3; \{2^3, 10^{11}\})$	838860000000
10	$\mathcal{O}(2; \{2^{22}, 5^3\})$	120000
10	$\mathcal{O}(2; \{2^{14}, 5^8\})$	131080000
10	$\mathcal{O}(2; \{2^6, 5^{13}\})$	134217720000
10	$\mathcal{O}(2; \{2^{17}, 5^5, 10\})$	8200000
10	$\mathcal{O}(2; \{2^9, 5^{10}, 10\})$	8388600000
10	$\mathcal{O}(2; \{2, 5^{15}, 10\})$	8589934600000
10	$\mathcal{O}(2; \{2^{20}, 5^2, 10^2\})$	520000
10	$\mathcal{O}(2; \{2^{12}, 5^7, 10^2\})$	524280000
10	$\mathcal{O}(2; \{2^4, 5^{12}, 10^2\})$	536870920000
10	$\mathcal{O}(2; \{2^{15}, 5^4, 10^3\})$	32760000
10	$\mathcal{O}(2; \{2^7, 5^9, 10^3\})$	33554440000
10	$\mathcal{O}(2; \{2^{18}, 5, 10^4\})$	2040000
10	$\mathcal{O}(2; \{2^{10}, 5^6, 10^4\})$	2097160000
10	$\mathcal{O}(2; \{2^2, 5^{11}, 10^4\})$	2147483640000
10	$\mathcal{O}(2; \{2^{13}, 5^3, 10^5\})$	131080000
10	$\mathcal{O}(2; \{2^5, 5^8, 10^5\})$	134217720000
10	$\mathcal{O}(2; \{2^{16}, 10^6\})$	8200000
10	$\mathcal{O}(2; \{2^8, 5^5, 10^6\})$	8388600000
10	$\mathcal{O}(2; \{5^{10}, 10^6\})$	8589934600000
10	$\mathcal{O}(2; \{2^{11}, 5^2, 10^7\})$	524280000
10	$\mathcal{O}(2; \{2^3, 5^7, 10^7\})$	536870920000
10	$\mathcal{O}(2; \{2^6, 5^4, 10^8\})$	33554440000
10	$\mathcal{O}(2; \{2^9, 5, 10^9\})$	2097160000
10	$\mathcal{O}(2; \{2, 5^6, 10^9\})$	2147483640000
10	$\mathcal{O}(2; \{2^4, 5^3, 10^{10}\})$	134217720000
10	$\mathcal{O}(2; \{2^7, 10^{11}\})$	8388600000
10	$\mathcal{O}(2; \{2^2, 5^2, 10^{12}\})$	536870920000
10	$\mathcal{O}(2; \{5, 10^{14}\})$	2147483640000
10	$\mathcal{O}(1; \{2^{26}, 5^3\})$	1200
10	$\mathcal{O}(1; \{2^{18}, 5^8\})$	1310800
10	$\mathcal{O}(1; \{2^{10}, 5^{13}\})$	1342177200
10	$\mathcal{O}(1; \{2^2, 5^{18}\})$	1374389534800
10	$\mathcal{O}(1; \{2^{21}, 5^5, 10\})$	82000
10	$\mathcal{O}(1; \{2^{13}, 5^{10}, 10\})$	83886000
10	$\mathcal{O}(1; \{2^5, 5^{15}, 10\})$	85899346000
10	$\mathcal{O}(1; \{2^{24}, 5^2, 10^2\})$	5200
10	$\mathcal{O}(1; \{2^{16}, 5^7, 10^2\})$	5242800
10	$\mathcal{O}(1; \{2^8, 5^{12}, 10^2\})$	5368709200

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{5^{17}, 10^2\})$	5497558138800
10	$\mathcal{O}(1; \{2^{19}, 5^4, 10^3\})$	327600
10	$\mathcal{O}(1; \{2^{11}, 5^9, 10^3\})$	335544400
10	$\mathcal{O}(1; \{2^3, 5^{14}, 10^3\})$	343597383600
10	$\mathcal{O}(1; \{2^{22}, 5, 10^4\})$	20400
10	$\mathcal{O}(1; \{2^{14}, 5^6, 10^4\})$	20971600
10	$\mathcal{O}(1; \{2^6, 5^{11}, 10^4\})$	21474836400
10	$\mathcal{O}(1; \{2^{17}, 5^3, 10^5\})$	1310800
10	$\mathcal{O}(1; \{2^9, 5^8, 10^5\})$	1342177200
10	$\mathcal{O}(1; \{2, 5^{13}, 10^5\})$	1374389534800
10	$\mathcal{O}(1; \{2^{20}, 10^6\})$	82000
10	$\mathcal{O}(1; \{2^{12}, 5^5, 10^6\})$	83886000
10	$\mathcal{O}(1; \{2^4, 5^{10}, 10^6\})$	85899346000
10	$\mathcal{O}(1; \{2^{15}, 5^2, 10^7\})$	5242800
10	$\mathcal{O}(1; \{2^7, 5^7, 10^7\})$	5368709200
10	$\mathcal{O}(1; \{2^{10}, 5^4, 10^8\})$	335544400
10	$\mathcal{O}(1; \{2^2, 5^9, 10^8\})$	343597383600
10	$\mathcal{O}(1; \{2^{13}, 5, 10^9\})$	20971600
10	$\mathcal{O}(1; \{2^5, 5^6, 10^9\})$	21474836400
10	$\mathcal{O}(1; \{2^8, 5^3, 10^{10}\})$	1342177200
10	$\mathcal{O}(1; \{5^8, 10^{10}\})$	1374389534800
10	$\mathcal{O}(1; \{2^{11}, 10^{11}\})$	83886000
10	$\mathcal{O}(1; \{2^3, 5^5, 10^{11}\})$	85899346000
10	$\mathcal{O}(1; \{2^6, 5^2, 10^{12}\})$	5368709200
10	$\mathcal{O}(1; \{2, 5^4, 10^{13}\})$	343597383600
10	$\mathcal{O}(1; \{2^4, 5, 10^{14}\})$	21474836400
10	$\mathcal{O}(1; \{2^2, 10^{16}\})$	85899346000
10	$\mathcal{O}(0; \{2^{30}, 5^3\})$	12
10	$\mathcal{O}(0; \{2^{22}, 5^8\})$	13108
10	$\mathcal{O}(0; \{2^{14}, 5^{13}\})$	13421772
10	$\mathcal{O}(0; \{2^6, 5^{18}\})$	13743895348
10	$\mathcal{O}(0; \{2^{25}, 5^5, 10\})$	820
10	$\mathcal{O}(0; \{2^{17}, 5^{10}, 10\})$	838860
10	$\mathcal{O}(0; \{2^9, 5^{15}, 10\})$	858993460
10	$\mathcal{O}(0; \{2, 5^{20}, 10\})$	879609302220
10	$\mathcal{O}(0; \{2^{28}, 5^2, 10^2\})$	52
10	$\mathcal{O}(0; \{2^{20}, 5^7, 10^2\})$	52428
10	$\mathcal{O}(0; \{2^{12}, 5^{12}, 10^2\})$	53687092
10	$\mathcal{O}(0; \{2^4, 5^{17}, 10^2\})$	54975581388
10	$\mathcal{O}(0; \{2^{23}, 5^4, 10^3\})$	3276
10	$\mathcal{O}(0; \{2^{15}, 5^9, 10^3\})$	3355444
10	$\mathcal{O}(0; \{2^7, 5^{14}, 10^3\})$	3435973836
10	$\mathcal{O}(0; \{2^{26}, 5, 10^4\})$	204

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{2^{18}, 5^6, 10^4\})$	209716
10	$\mathcal{O}(0; \{2^{10}, 5^{11}, 10^4\})$	214748364
10	$\mathcal{O}(0; \{2^2, 5^{16}, 10^4\})$	219902325556
10	$\mathcal{O}(0; \{2^{21}, 5^3, 10^5\})$	13108
10	$\mathcal{O}(0; \{2^{13}, 5^8, 10^5\})$	13421772
10	$\mathcal{O}(0; \{2^5, 5^{13}, 10^5\})$	13743895348
10	$\mathcal{O}(0; \{2^{24}, 10^6\})$	820
10	$\mathcal{O}(0; \{2^{16}, 5^5, 10^6\})$	838860
10	$\mathcal{O}(0; \{2^8, 5^{10}, 10^6\})$	858993460
10	$\mathcal{O}(0; \{5^{15}, 10^6\})$	879609302220
10	$\mathcal{O}(0; \{2^{19}, 5^2, 10^7\})$	52428
10	$\mathcal{O}(0; \{2^{11}, 5^7, 10^7\})$	53687092
10	$\mathcal{O}(0; \{2^3, 5^{12}, 10^7\})$	54975581388
10	$\mathcal{O}(0; \{2^{14}, 5^4, 10^8\})$	3355444
10	$\mathcal{O}(0; \{2^6, 5^9, 10^8\})$	3435973836
10	$\mathcal{O}(0; \{2^{17}, 5, 10^9\})$	209716
10	$\mathcal{O}(0; \{2^9, 5^6, 10^9\})$	214748364
10	$\mathcal{O}(0; \{2, 5^{11}, 10^9\})$	219902325556
10	$\mathcal{O}(0; \{2^{12}, 5^3, 10^{10}\})$	13421772
10	$\mathcal{O}(0; \{2^4, 5^8, 10^{10}\})$	13743895348
10	$\mathcal{O}(0; \{2^{15}, 10^{11}\})$	838860
10	$\mathcal{O}(0; \{2^7, 5^5, 10^{11}\})$	858993460
10	$\mathcal{O}(0; \{2^{10}, 5^2, 10^{12}\})$	53687092
10	$\mathcal{O}(0; \{2^2, 5^7, 10^{12}\})$	54975581388
10	$\mathcal{O}(0; \{2^5, 5^4, 10^{13}\})$	3435973836
10	$\mathcal{O}(0; \{2^8, 5, 10^{14}\})$	214748364
10	$\mathcal{O}(0; \{5^6, 10^{14}\})$	219902325556
10	$\mathcal{O}(0; \{2^3, 5^3, 10^{15}\})$	13743895348
10	$\mathcal{O}(0; \{2^6, 10^{16}\})$	858993460
10	$\mathcal{O}(0; \{2, 5^2, 10^{17}\})$	54975581388
11	$\mathcal{O}(8; \emptyset)$	45949729863572160
11	$\mathcal{O}(3; \{11^{11}\})$	16105099998389490
12	$\mathcal{O}(6; \{3^2, 4^2\})$	35664401793024
12	$\mathcal{O}(6; \{2, 3, 4, 12\})$	35664401793024
12	$\mathcal{O}(6; \{2^2, 12^2\})$	35664401793024
12	$\mathcal{O}(5; \{2^4, 3^2, 4^2\})$	247669456896
12	$\mathcal{O}(5; \{3^5, 4^2\})$	1238347284480
12	$\mathcal{O}(5; \{2, 3^2, 4^4\})$	990677827584
12	$\mathcal{O}(5; \{2, 3^3, 4^2, 6\})$	743008370688
12	$\mathcal{O}(5; \{2^2, 3, 4^2, 6^2\})$	247669456896
12	$\mathcal{O}(5; \{4^2, 6^4\})$	743008370688
12	$\mathcal{O}(5; \{2^5, 3, 4, 12\})$	247669456896
12	$\mathcal{O}(5; \{2, 3^4, 4, 12\})$	1238347284480

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{2^2, 3, 4^3, 12\})$	990677827584
12	$\mathcal{O}(5; \{2^2, 3^2, 4, 6, 12\})$	743008370688
12	$\mathcal{O}(5; \{2^3, 4, 6^2, 12\})$	247669456896
12	$\mathcal{O}(5; \{4^3, 6^2, 12\})$	990677827584
12	$\mathcal{O}(5; \{3, 4, 6^3, 12\})$	1238347284480
12	$\mathcal{O}(5; \{2^6, 12^2\})$	247669456896
12	$\mathcal{O}(5; \{2^2, 3^3, 12^2\})$	1238347284480
12	$\mathcal{O}(5; \{2^3, 4^2, 12^2\})$	990677827584
12	$\mathcal{O}(5; \{4^4, 12^2\})$	3962711310336
12	$\mathcal{O}(5; \{2^3, 3, 6, 12^2\})$	743008370688
12	$\mathcal{O}(5; \{3, 4^2, 6, 12^2\})$	2972033482752
12	$\mathcal{O}(5; \{3^2, 6^2, 12^2\})$	2724364025856
12	$\mathcal{O}(5; \{2, 6^3, 12^2\})$	1238347284480
12	$\mathcal{O}(5; \{3^2, 4, 12^3\})$	4953389137920
12	$\mathcal{O}(5; \{2, 4, 6, 12^3\})$	2972033482752
12	$\mathcal{O}(5; \{2, 3, 12^4\})$	4953389137920
12	$\mathcal{O}(4; \{2^8, 3^2, 4^2\})$	1719926784
12	$\mathcal{O}(4; \{2^4, 3^5, 4^2\})$	8599633920
12	$\mathcal{O}(4; \{3^8, 4^2\})$	73956851712
12	$\mathcal{O}(4; \{2^5, 3^2, 4^4\})$	6879707136
12	$\mathcal{O}(4; \{2, 3^5, 4^4\})$	34398535680
12	$\mathcal{O}(4; \{2^2, 3^2, 4^6\})$	27518828544
12	$\mathcal{O}(4; \{2^5, 3^3, 4^2, 6\})$	5159780352
12	$\mathcal{O}(4; \{2, 3^6, 4^2, 6\})$	36118462464
12	$\mathcal{O}(4; \{2^2, 3^3, 4^4, 6\})$	20639121408
12	$\mathcal{O}(4; \{2^6, 3, 4^2, 6^2\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3^4, 4^2, 6^2\})$	18919194624
12	$\mathcal{O}(4; \{2^3, 3, 4^4, 6^2\})$	6879707136
12	$\mathcal{O}(4; \{3, 4^6, 6^2\})$	27518828544
12	$\mathcal{O}(4; \{2^3, 3^2, 4^2, 6^3\})$	8599633920
12	$\mathcal{O}(4; \{3^2, 4^4, 6^3\})$	34398535680
12	$\mathcal{O}(4; \{2^4, 4^2, 6^4\})$	5159780352
12	$\mathcal{O}(4; \{3^3, 4^2, 6^4\})$	36118462464
12	$\mathcal{O}(4; \{2, 4^4, 6^4\})$	20639121408
12	$\mathcal{O}(4; \{2, 3, 4^2, 6^5\})$	18919194624
12	$\mathcal{O}(4; \{2^9, 3, 4, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^5, 3^4, 4, 12\})$	8599633920
12	$\mathcal{O}(4; \{2, 3^7, 4, 12\})$	73956851712
12	$\mathcal{O}(4; \{2^6, 3, 4^3, 12\})$	6879707136
12	$\mathcal{O}(4; \{2^2, 3^4, 4^3, 12\})$	34398535680
12	$\mathcal{O}(4; \{2^3, 3, 4^5, 12\})$	27518828544
12	$\mathcal{O}(4; \{3, 4^7, 12\})$	110075314176
12	$\mathcal{O}(4; \{2^6, 3^2, 4, 6, 12\})$	5159780352

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{2^2, 3^5, 4, 6, 12\})$	36118462464
12	$\mathcal{O}(4; \{2^3, 3^2, 4^3, 6, 12\})$	20639121408
12	$\mathcal{O}(4; \{3^2, 4^5, 6, 12\})$	82556485632
12	$\mathcal{O}(4; \{2^7, 4, 6^2, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^3, 3^3, 4, 6^2, 12\})$	18919194624
12	$\mathcal{O}(4; \{2^4, 4^3, 6^2, 12\})$	6879707136
12	$\mathcal{O}(4; \{3^3, 4^3, 6^2, 12\})$	75676778496
12	$\mathcal{O}(4; \{2, 4^5, 6^2, 12\})$	27518828544
12	$\mathcal{O}(4; \{2^4, 3, 4, 6^3, 12\})$	8599633920
12	$\mathcal{O}(4; \{3^4, 4, 6^3, 12\})$	73956851712
12	$\mathcal{O}(4; \{2, 3, 4^3, 6^3, 12\})$	34398535680
12	$\mathcal{O}(4; \{2, 3^2, 4, 6^4, 12\})$	36118462464
12	$\mathcal{O}(4; \{2^2, 4, 6^5, 12\})$	18919194624
12	$\mathcal{O}(4; \{2^{10}, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{2^6, 3^3, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{2^2, 3^6, 12^2\})$	73956851712
12	$\mathcal{O}(4; \{2^7, 4^2, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{2^3, 3^3, 4^2, 12^2\})$	34398535680
12	$\mathcal{O}(4; \{2^4, 4^4, 12^2\})$	27518828544
12	$\mathcal{O}(4; \{3^3, 4^4, 12^2\})$	137594142720
12	$\mathcal{O}(4; \{2, 4^6, 12^2\})$	110075314176
12	$\mathcal{O}(4; \{2^7, 3, 6, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{2^3, 3^4, 6, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{2^4, 3, 4^2, 6, 12^2\})$	20639121408
12	$\mathcal{O}(4; \{3^4, 4^2, 6, 12^2\})$	144473849856
12	$\mathcal{O}(4; \{2, 3, 4^4, 6, 12^2\})$	82556485632
12	$\mathcal{O}(4; \{2^4, 3^2, 6^2, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{3^5, 6^2, 12^2\})$	146193776640
12	$\mathcal{O}(4; \{2, 3^2, 4^2, 6^2, 12^2\})$	75676778496
12	$\mathcal{O}(4; \{2^5, 6^3, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{2, 3^3, 6^3, 12^2\})$	73956851712
12	$\mathcal{O}(4; \{2^2, 4^2, 6^3, 12^2\})$	34398535680
12	$\mathcal{O}(4; \{2^2, 3, 6^4, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{6^6, 12^2\})$	73956851712
12	$\mathcal{O}(4; \{2^4, 3^2, 4, 12^3\})$	34398535680
12	$\mathcal{O}(4; \{3^5, 4, 12^3\})$	295827406848
12	$\mathcal{O}(4; \{2, 3^2, 4^3, 12^3\})$	137594142720
12	$\mathcal{O}(4; \{2^5, 4, 6, 12^3\})$	20639121408
12	$\mathcal{O}(4; \{2, 3^3, 4, 6, 12^3\})$	144473849856
12	$\mathcal{O}(4; \{2^2, 4^3, 6, 12^3\})$	82556485632
12	$\mathcal{O}(4; \{2^2, 3, 4, 6^2, 12^3\})$	75676778496
12	$\mathcal{O}(4; \{4, 6^4, 12^3\})$	144473849856
12	$\mathcal{O}(4; \{2^5, 3, 12^4\})$	34398535680

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{2, 3^4, 12^4\})$	295827406848
12	$\mathcal{O}(4; \{2^2, 3, 4^2, 12^4\})$	137594142720
12	$\mathcal{O}(4; \{2^2, 3^2, 6, 12^4\})$	144473849856
12	$\mathcal{O}(4; \{2^3, 6^2, 12^4\})$	75676778496
12	$\mathcal{O}(4; \{4^2, 6^2, 12^4\})$	302707113984
12	$\mathcal{O}(4; \{3, 6^3, 12^4\})$	295827406848
12	$\mathcal{O}(4; \{2^3, 4, 12^5\})$	137594142720
12	$\mathcal{O}(4; \{4^3, 12^5\})$	550376570880
12	$\mathcal{O}(4; \{3, 4, 6, 12^5\})$	577895399424
12	$\mathcal{O}(4; \{3^2, 12^6\})$	1183309627392
12	$\mathcal{O}(4; \{2, 6, 12^6\})$	577895399424
12	$\mathcal{O}(3; \{2^{12}, 3^2, 4^2\})$	11943936
12	$\mathcal{O}(3; \{2^8, 3^5, 4^2\})$	59719680
12	$\mathcal{O}(3; \{2^4, 3^8, 4^2\})$	513589248
12	$\mathcal{O}(3; \{3^{11}, 4^2\})$	4072882176
12	$\mathcal{O}(3; \{2^9, 3^2, 4^4\})$	47775744
12	$\mathcal{O}(3; \{2^5, 3^5, 4^4\})$	238878720
12	$\mathcal{O}(3; \{2, 3^8, 4^4\})$	2054356992
12	$\mathcal{O}(3; \{2^6, 3^2, 4^6\})$	191102976
12	$\mathcal{O}(3; \{2^2, 3^5, 4^6\})$	955514880
12	$\mathcal{O}(3; \{2^3, 3^2, 4^8\})$	764411904
12	$\mathcal{O}(3; \{3^2, 4^{10}\})$	3057647616
12	$\mathcal{O}(3; \{2^9, 3^3, 4^2, 6\})$	35831808
12	$\mathcal{O}(3; \{2^5, 3^6, 4^2, 6\})$	250822656
12	$\mathcal{O}(3; \{2, 3^9, 4^2, 6\})$	2042413056
12	$\mathcal{O}(3; \{2^6, 3^3, 4^4, 6\})$	143327232
12	$\mathcal{O}(3; \{2^2, 3^6, 4^4, 6\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 3^3, 4^6, 6\})$	573308928
12	$\mathcal{O}(3; \{3^3, 4^8, 6\})$	2293235712
12	$\mathcal{O}(3; \{2^{10}, 3, 4^2, 6^2\})$	11943936
12	$\mathcal{O}(3; \{2^6, 3^4, 4^2, 6^2\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^7, 4^2, 6^2\})$	1015234560
12	$\mathcal{O}(3; \{2^7, 3, 4^4, 6^2\})$	47775744
12	$\mathcal{O}(3; \{2^3, 3^4, 4^4, 6^2\})$	525533184
12	$\mathcal{O}(3; \{2^4, 3, 4^6, 6^2\})$	191102976
12	$\mathcal{O}(3; \{3^4, 4^6, 6^2\})$	2102132736
12	$\mathcal{O}(3; \{2, 3, 4^8, 6^2\})$	764411904
12	$\mathcal{O}(3; \{2^7, 3^2, 4^2, 6^3\})$	59719680
12	$\mathcal{O}(3; \{2^3, 3^5, 4^2, 6^3\})$	513589248
12	$\mathcal{O}(3; \{2^4, 3^2, 4^4, 6^3\})$	238878720
12	$\mathcal{O}(3; \{3^5, 4^4, 6^3\})$	2054356992
12	$\mathcal{O}(3; \{2, 3^2, 4^6, 6^3\})$	955514880
12	$\mathcal{O}(3; \{2^8, 4^2, 6^4\})$	35831808

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^4, 3^3, 4^2, 6^4\})$	250822656
12	$\mathcal{O}(3; \{3^6, 4^2, 6^4\})$	2042413056
12	$\mathcal{O}(3; \{2^5, 4^4, 6^4\})$	143327232
12	$\mathcal{O}(3; \{2, 3^3, 4^4, 6^4\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 4^6, 6^4\})$	573308928
12	$\mathcal{O}(3; \{2^5, 3, 4^2, 6^5\})$	131383296
12	$\mathcal{O}(3; \{2, 3^4, 4^2, 6^5\})$	1015234560
12	$\mathcal{O}(3; \{2^2, 3, 4^4, 6^5\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3^2, 4^2, 6^6\})$	513589248
12	$\mathcal{O}(3; \{2^3, 4^2, 6^7\})$	250822656
12	$\mathcal{O}(3; \{4^4, 6^7\})$	1003290624
12	$\mathcal{O}(3; \{3, 4^2, 6^8\})$	1015234560
12	$\mathcal{O}(3; \{2^{13}, 3, 4, 12\})$	11943936
12	$\mathcal{O}(3; \{2^9, 3^4, 4, 12\})$	59719680
12	$\mathcal{O}(3; \{2^5, 3^7, 4, 12\})$	513589248
12	$\mathcal{O}(3; \{2, 3^{10}, 4, 12\})$	4072882176
12	$\mathcal{O}(3; \{2^{10}, 3, 4^3, 12\})$	47775744
12	$\mathcal{O}(3; \{2^6, 3^4, 4^3, 12\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3^7, 4^3, 12\})$	2054356992
12	$\mathcal{O}(3; \{2^7, 3, 4^5, 12\})$	191102976
12	$\mathcal{O}(3; \{2^3, 3^4, 4^5, 12\})$	955514880
12	$\mathcal{O}(3; \{2^4, 3, 4^7, 12\})$	764411904
12	$\mathcal{O}(3; \{3^4, 4^7, 12\})$	3822059520
12	$\mathcal{O}(3; \{2, 3, 4^9, 12\})$	3057647616
12	$\mathcal{O}(3; \{2^{10}, 3^2, 4, 6, 12\})$	35831808
12	$\mathcal{O}(3; \{2^6, 3^5, 4, 6, 12\})$	250822656
12	$\mathcal{O}(3; \{2^2, 3^8, 4, 6, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^7, 3^2, 4^3, 6, 12\})$	143327232
12	$\mathcal{O}(3; \{2^3, 3^5, 4^3, 6, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^4, 3^2, 4^5, 6, 12\})$	573308928
12	$\mathcal{O}(3; \{3^5, 4^5, 6, 12\})$	4013162496
12	$\mathcal{O}(3; \{2, 3^2, 4^7, 6, 12\})$	2293235712
12	$\mathcal{O}(3; \{2^{11}, 4, 6^2, 12\})$	11943936
12	$\mathcal{O}(3; \{2^7, 3^3, 4, 6^2, 12\})$	131383296
12	$\mathcal{O}(3; \{2^3, 3^6, 4, 6^2, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^8, 4^3, 6^2, 12\})$	47775744
12	$\mathcal{O}(3; \{2^4, 3^3, 4^3, 6^2, 12\})$	525533184
12	$\mathcal{O}(3; \{3^6, 4^3, 6^2, 12\})$	4060938240
12	$\mathcal{O}(3; \{2^5, 4^5, 6^2, 12\})$	191102976
12	$\mathcal{O}(3; \{2, 3^3, 4^5, 6^2, 12\})$	2102132736
12	$\mathcal{O}(3; \{2^2, 4^7, 6^2, 12\})$	764411904
12	$\mathcal{O}(3; \{2^8, 3, 4, 6^3, 12\})$	59719680
12	$\mathcal{O}(3; \{2^4, 3^4, 4, 6^3, 12\})$	513589248

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{3^7, 4, 6^3, 12\})$	4072882176
12	$\mathcal{O}(3; \{2^5, 3, 4^3, 6^3, 12\})$	238878720
12	$\mathcal{O}(3; \{2, 3^4, 4^3, 6^3, 12\})$	2054356992
12	$\mathcal{O}(3; \{2^2, 3, 4^5, 6^3, 12\})$	955514880
12	$\mathcal{O}(3; \{2^5, 3^2, 4, 6^4, 12\})$	250822656
12	$\mathcal{O}(3; \{2, 3^5, 4, 6^4, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^2, 3^2, 4^3, 6^4, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^6, 4, 6^5, 12\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^3, 4, 6^5, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^3, 4^3, 6^5, 12\})$	525533184
12	$\mathcal{O}(3; \{4^5, 6^5, 12\})$	2102132736
12	$\mathcal{O}(3; \{2^3, 3, 4, 6^6, 12\})$	513589248
12	$\mathcal{O}(3; \{3, 4^3, 6^6, 12\})$	2054356992
12	$\mathcal{O}(3; \{3^2, 4, 6^7, 12\})$	2042413056
12	$\mathcal{O}(3; \{2, 4, 6^8, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^{14}, 12^2\})$	11943936
12	$\mathcal{O}(3; \{2^{10}, 3^3, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^6, 3^6, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^2, 3^9, 12^2\})$	4072882176
12	$\mathcal{O}(3; \{2^{11}, 4^2, 12^2\})$	47775744
12	$\mathcal{O}(3; \{2^7, 3^3, 4^2, 12^2\})$	238878720
12	$\mathcal{O}(3; \{2^3, 3^6, 4^2, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{2^8, 4^4, 12^2\})$	191102976
12	$\mathcal{O}(3; \{2^4, 3^3, 4^4, 12^2\})$	955514880
12	$\mathcal{O}(3; \{3^6, 4^4, 12^2\})$	8217427968
12	$\mathcal{O}(3; \{2^5, 4^6, 12^2\})$	764411904
12	$\mathcal{O}(3; \{2, 3^3, 4^6, 12^2\})$	3822059520
12	$\mathcal{O}(3; \{2^2, 4^8, 12^2\})$	3057647616
12	$\mathcal{O}(3; \{2^{11}, 3, 6, 12^2\})$	35831808
12	$\mathcal{O}(3; \{2^7, 3^4, 6, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2^3, 3^7, 6, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2^8, 3, 4^2, 6, 12^2\})$	143327232
12	$\mathcal{O}(3; \{2^4, 3^4, 4^2, 6, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{3^7, 4^2, 6, 12^2\})$	8169652224
12	$\mathcal{O}(3; \{2^5, 3, 4^4, 6, 12^2\})$	573308928
12	$\mathcal{O}(3; \{2, 3^4, 4^4, 6, 12^2\})$	4013162496
12	$\mathcal{O}(3; \{2^2, 3, 4^6, 6, 12^2\})$	2293235712
12	$\mathcal{O}(3; \{2^8, 3^2, 6^2, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2^4, 3^5, 6^2, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{3^8, 6^2, 12^2\})$	8157708288
12	$\mathcal{O}(3; \{2^5, 3^2, 4^2, 6^2, 12^2\})$	525533184
12	$\mathcal{O}(3; \{2, 3^5, 4^2, 6^2, 12^2\})$	4060938240
12	$\mathcal{O}(3; \{2^2, 3^2, 4^4, 6^2, 12^2\})$	2102132736

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^9, 6^3, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^5, 3^3, 6^3, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2, 3^6, 6^3, 12^2\})$	4072882176
12	$\mathcal{O}(3; \{2^6, 4^2, 6^3, 12^2\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3^3, 4^2, 6^3, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{2^3, 4^4, 6^3, 12^2\})$	955514880
12	$\mathcal{O}(3; \{4^6, 6^3, 12^2\})$	3822059520
12	$\mathcal{O}(3; \{2^6, 3, 6^4, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2^2, 3^4, 6^4, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2^3, 3, 4^2, 6^4, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{3, 4^4, 6^4, 12^2\})$	4013162496
12	$\mathcal{O}(3; \{2^3, 3^2, 6^5, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{3^2, 4^2, 6^5, 12^2\})$	4060938240
12	$\mathcal{O}(3; \{2^4, 6^6, 12^2\})$	513589248
12	$\mathcal{O}(3; \{3^3, 6^6, 12^2\})$	4072882176
12	$\mathcal{O}(3; \{2, 4^2, 6^6, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{2, 3, 6^7, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2^8, 3^2, 4, 12^3\})$	238878720
12	$\mathcal{O}(3; \{2^4, 3^5, 4, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{3^8, 4, 12^3\})$	16291528704
12	$\mathcal{O}(3; \{2^5, 3^2, 4^3, 12^3\})$	955514880
12	$\mathcal{O}(3; \{2, 3^5, 4^3, 12^3\})$	8217427968
12	$\mathcal{O}(3; \{2^2, 3^2, 4^5, 12^3\})$	3822059520
12	$\mathcal{O}(3; \{2^9, 4, 6, 12^3\})$	143327232
12	$\mathcal{O}(3; \{2^5, 3^3, 4, 6, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^6, 4, 6, 12^3\})$	8169652224
12	$\mathcal{O}(3; \{2^6, 4^3, 6, 12^3\})$	573308928
12	$\mathcal{O}(3; \{2^2, 3^3, 4^3, 6, 12^3\})$	4013162496
12	$\mathcal{O}(3; \{2^3, 4^5, 6, 12^3\})$	2293235712
12	$\mathcal{O}(3; \{4^7, 6, 12^3\})$	9172942848
12	$\mathcal{O}(3; \{2^6, 3, 4, 6^2, 12^3\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3^4, 4, 6^2, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2^3, 3, 4^3, 6^2, 12^3\})$	2102132736
12	$\mathcal{O}(3; \{3, 4^5, 6^2, 12^3\})$	8408530944
12	$\mathcal{O}(3; \{2^3, 3^2, 4, 6^3, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{3^2, 4^3, 6^3, 12^3\})$	8217427968
12	$\mathcal{O}(3; \{2^4, 4, 6^4, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{3^3, 4, 6^4, 12^3\})$	8169652224
12	$\mathcal{O}(3; \{2, 4^3, 6^4, 12^3\})$	4013162496
12	$\mathcal{O}(3; \{2, 3, 4, 6^5, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2^9, 3, 12^4\})$	238878720
12	$\mathcal{O}(3; \{2^5, 3^4, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2, 3^7, 12^4\})$	16291528704

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^6, 3, 4^2, 12^4\})$	955514880
12	$\mathcal{O}(3; \{2^2, 3^4, 4^2, 12^4\})$	8217427968
12	$\mathcal{O}(3; \{2^3, 3, 4^4, 12^4\})$	3822059520
12	$\mathcal{O}(3; \{3, 4^6, 12^4\})$	15288238080
12	$\mathcal{O}(3; \{2^6, 3^2, 6, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3^5, 6, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2^3, 3^2, 4^2, 6, 12^4\})$	4013162496
12	$\mathcal{O}(3; \{3^2, 4^4, 6, 12^4\})$	16052649984
12	$\mathcal{O}(3; \{2^7, 6^2, 12^4\})$	525533184
12	$\mathcal{O}(3; \{2^3, 3^3, 6^2, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2^4, 4^2, 6^2, 12^4\})$	2102132736
12	$\mathcal{O}(3; \{3^3, 4^2, 6^2, 12^4\})$	16243752960
12	$\mathcal{O}(3; \{2, 4^4, 6^2, 12^4\})$	8408530944
12	$\mathcal{O}(3; \{2^4, 3, 6^3, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{3^4, 6^3, 12^4\})$	16291528704
12	$\mathcal{O}(3; \{2, 3, 4^2, 6^3, 12^4\})$	8217427968
12	$\mathcal{O}(3; \{2, 3^2, 6^4, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2^2, 6^5, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2^7, 4, 12^5\})$	955514880
12	$\mathcal{O}(3; \{2^3, 3^3, 4, 12^5\})$	8217427968
12	$\mathcal{O}(3; \{2^4, 4^3, 12^5\})$	3822059520
12	$\mathcal{O}(3; \{3^3, 4^3, 12^5\})$	32869711872
12	$\mathcal{O}(3; \{2, 4^5, 12^5\})$	15288238080
12	$\mathcal{O}(3; \{2^4, 3, 4, 6, 12^5\})$	4013162496
12	$\mathcal{O}(3; \{3^4, 4, 6, 12^5\})$	32678608896
12	$\mathcal{O}(3; \{2, 3, 4^3, 6, 12^5\})$	16052649984
12	$\mathcal{O}(3; \{2, 3^2, 4, 6^2, 12^5\})$	16243752960
12	$\mathcal{O}(3; \{2^2, 4, 6^3, 12^5\})$	8217427968
12	$\mathcal{O}(3; \{2^4, 3^2, 12^6\})$	8217427968
12	$\mathcal{O}(3; \{3^5, 12^6\})$	65166114816
12	$\mathcal{O}(3; \{2, 3^2, 4^2, 12^6\})$	32869711872
12	$\mathcal{O}(3; \{2^5, 6, 12^6\})$	4013162496
12	$\mathcal{O}(3; \{2, 3^3, 6, 12^6\})$	32678608896
12	$\mathcal{O}(3; \{2^2, 4^2, 6, 12^6\})$	16052649984
12	$\mathcal{O}(3; \{2^2, 3, 6^2, 12^6\})$	16243752960
12	$\mathcal{O}(3; \{6^4, 12^6\})$	32678608896
12	$\mathcal{O}(3; \{2^2, 3, 4, 12^7\})$	32869711872
12	$\mathcal{O}(3; \{4, 6^2, 12^7\})$	64975011840
12	$\mathcal{O}(3; \{2^3, 12^8\})$	32869711872
12	$\mathcal{O}(3; \{4^2, 12^8\})$	131478847488
12	$\mathcal{O}(3; \{3, 6, 12^8\})$	130714435584
12	$\mathcal{O}(2; \{2^{16}, 3^2, 4^2\})$	82944
12	$\mathcal{O}(2; \{2^{12}, 3^5, 4^2\})$	414720

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^8, 3^8, 4^2\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3^{11}, 4^2\})$	28283904
12	$\mathcal{O}(2; \{3^{14}, 4^2\})$	226520064
12	$\mathcal{O}(2; \{2^{13}, 3^2, 4^4\})$	331776
12	$\mathcal{O}(2; \{2^9, 3^5, 4^4\})$	1658880
12	$\mathcal{O}(2; \{2^5, 3^8, 4^4\})$	14266368
12	$\mathcal{O}(2; \{2, 3^{11}, 4^4\})$	113135616
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4^6\})$	1327104
12	$\mathcal{O}(2; \{2^6, 3^5, 4^6\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^8, 4^6\})$	57065472
12	$\mathcal{O}(2; \{2^7, 3^2, 4^8\})$	5308416
12	$\mathcal{O}(2; \{2^3, 3^5, 4^8\})$	26542080
12	$\mathcal{O}(2; \{2^4, 3^2, 4^{10}\})$	21233664
12	$\mathcal{O}(2; \{3^5, 4^{10}\})$	106168320
12	$\mathcal{O}(2; \{2, 3^2, 4^{12}\})$	84934656
12	$\mathcal{O}(2; \{2^{13}, 3^3, 4^2, 6\})$	248832
12	$\mathcal{O}(2; \{2^9, 3^6, 4^2, 6\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^9, 4^2, 6\})$	14183424
12	$\mathcal{O}(2; \{2, 3^{12}, 4^2, 6\})$	113218560
12	$\mathcal{O}(2; \{2^{10}, 3^3, 4^4, 6\})$	995328
12	$\mathcal{O}(2; \{2^6, 3^6, 4^4, 6\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^9, 4^4, 6\})$	56733696
12	$\mathcal{O}(2; \{2^7, 3^3, 4^6, 6\})$	3981312
12	$\mathcal{O}(2; \{2^3, 3^6, 4^6, 6\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3^3, 4^8, 6\})$	15925248
12	$\mathcal{O}(2; \{3^6, 4^8, 6\})$	111476736
12	$\mathcal{O}(2; \{2, 3^3, 4^{10}, 6\})$	63700992
12	$\mathcal{O}(2; \{2^{14}, 3, 4^2, 6^2\})$	82944
12	$\mathcal{O}(2; \{2^{10}, 3^4, 4^2, 6^2\})$	912384
12	$\mathcal{O}(2; \{2^6, 3^7, 4^2, 6^2\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^{10}, 4^2, 6^2\})$	56650752
12	$\mathcal{O}(2; \{2^{11}, 3, 4^4, 6^2\})$	331776
12	$\mathcal{O}(2; \{2^7, 3^4, 4^4, 6^2\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^7, 4^4, 6^2\})$	28200960
12	$\mathcal{O}(2; \{2^8, 3, 4^6, 6^2\})$	1327104
12	$\mathcal{O}(2; \{2^4, 3^4, 4^6, 6^2\})$	14598144
12	$\mathcal{O}(2; \{3^7, 4^6, 6^2\})$	112803840
12	$\mathcal{O}(2; \{2^5, 3, 4^8, 6^2\})$	5308416
12	$\mathcal{O}(2; \{2, 3^4, 4^8, 6^2\})$	58392576
12	$\mathcal{O}(2; \{2^2, 3, 4^{10}, 6^2\})$	21233664
12	$\mathcal{O}(2; \{2^{11}, 3^2, 4^2, 6^3\})$	414720
12	$\mathcal{O}(2; \{2^7, 3^5, 4^2, 6^3\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^8, 4^2, 6^3\})$	28283904

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^8, 3^2, 4^4, 6^3\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3^5, 4^4, 6^3\})$	14266368
12	$\mathcal{O}(2; \{3^8, 4^4, 6^3\})$	113135616
12	$\mathcal{O}(2; \{2^5, 3^2, 4^6, 6^3\})$	6635520
12	$\mathcal{O}(2; \{2, 3^5, 4^6, 6^3\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3^2, 4^8, 6^3\})$	26542080
12	$\mathcal{O}(2; \{2^{12}, 4^2, 6^4\})$	248832
12	$\mathcal{O}(2; \{2^8, 3^3, 4^2, 6^4\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^6, 4^2, 6^4\})$	14183424
12	$\mathcal{O}(2; \{3^9, 4^2, 6^4\})$	113218560
12	$\mathcal{O}(2; \{2^9, 4^4, 6^4\})$	995328
12	$\mathcal{O}(2; \{2^5, 3^3, 4^4, 6^4\})$	6967296
12	$\mathcal{O}(2; \{2, 3^6, 4^4, 6^4\})$	56733696
12	$\mathcal{O}(2; \{2^6, 4^6, 6^4\})$	3981312
12	$\mathcal{O}(2; \{2^2, 3^3, 4^6, 6^4\})$	27869184
12	$\mathcal{O}(2; \{2^3, 4^8, 6^4\})$	15925248
12	$\mathcal{O}(2; \{4^{10}, 6^4\})$	63700992
12	$\mathcal{O}(2; \{2^9, 3, 4^2, 6^5\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^4, 4^2, 6^5\})$	7050240
12	$\mathcal{O}(2; \{2, 3^7, 4^2, 6^5\})$	56650752
12	$\mathcal{O}(2; \{2^6, 3, 4^4, 6^5\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^4, 4^4, 6^5\})$	28200960
12	$\mathcal{O}(2; \{2^3, 3, 4^6, 6^5\})$	14598144
12	$\mathcal{O}(2; \{3, 4^8, 6^5\})$	58392576
12	$\mathcal{O}(2; \{2^6, 3^2, 4^2, 6^6\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^5, 4^2, 6^6\})$	28283904
12	$\mathcal{O}(2; \{2^3, 3^2, 4^4, 6^6\})$	14266368
12	$\mathcal{O}(2; \{3^2, 4^6, 6^6\})$	57065472
12	$\mathcal{O}(2; \{2^7, 4^2, 6^7\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^3, 4^2, 6^7\})$	14183424
12	$\mathcal{O}(2; \{2^4, 4^4, 6^7\})$	6967296
12	$\mathcal{O}(2; \{3^3, 4^4, 6^7\})$	56733696
12	$\mathcal{O}(2; \{2, 4^6, 6^7\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3, 4^2, 6^8\})$	7050240
12	$\mathcal{O}(2; \{3^4, 4^2, 6^8\})$	56650752
12	$\mathcal{O}(2; \{2, 3, 4^4, 6^8\})$	28200960
12	$\mathcal{O}(2; \{2, 3^2, 4^2, 6^9\})$	28283904
12	$\mathcal{O}(2; \{2^2, 4^2, 6^{10}\})$	14183424
12	$\mathcal{O}(2; \{2^{17}, 3, 4, 12\})$	82944
12	$\mathcal{O}(2; \{2^{13}, 3^4, 4, 12\})$	414720
12	$\mathcal{O}(2; \{2^9, 3^7, 4, 12\})$	3566592
12	$\mathcal{O}(2; \{2^5, 3^{10}, 4, 12\})$	28283904
12	$\mathcal{O}(2; \{2, 3^{13}, 4, 12\})$	226520064

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^{14}, 3, 4^3, 12\})$	331776
12	$\mathcal{O}(2; \{2^{10}, 3^4, 4^3, 12\})$	1658880
12	$\mathcal{O}(2; \{2^6, 3^7, 4^3, 12\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^{10}, 4^3, 12\})$	113135616
12	$\mathcal{O}(2; \{2^{11}, 3, 4^5, 12\})$	1327104
12	$\mathcal{O}(2; \{2^7, 3^4, 4^5, 12\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3^7, 4^5, 12\})$	57065472
12	$\mathcal{O}(2; \{2^8, 3, 4^7, 12\})$	5308416
12	$\mathcal{O}(2; \{2^4, 3^4, 4^7, 12\})$	26542080
12	$\mathcal{O}(2; \{3^7, 4^7, 12\})$	228261888
12	$\mathcal{O}(2; \{2^5, 3, 4^9, 12\})$	21233664
12	$\mathcal{O}(2; \{2, 3^4, 4^9, 12\})$	106168320
12	$\mathcal{O}(2; \{2^2, 3, 4^{11}, 12\})$	84934656
12	$\mathcal{O}(2; \{2^{14}, 3^2, 4, 6, 12\})$	248832
12	$\mathcal{O}(2; \{2^{10}, 3^5, 4, 6, 12\})$	1741824
12	$\mathcal{O}(2; \{2^6, 3^8, 4, 6, 12\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3^{11}, 4, 6, 12\})$	113218560
12	$\mathcal{O}(2; \{2^{11}, 3^2, 4^3, 6, 12\})$	995328
12	$\mathcal{O}(2; \{2^7, 3^5, 4^3, 6, 12\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^8, 4^3, 6, 12\})$	56733696
12	$\mathcal{O}(2; \{2^8, 3^2, 4^5, 6, 12\})$	3981312
12	$\mathcal{O}(2; \{2^4, 3^5, 4^5, 6, 12\})$	27869184
12	$\mathcal{O}(2; \{3^8, 4^5, 6, 12\})$	226934784
12	$\mathcal{O}(2; \{2^5, 3^2, 4^7, 6, 12\})$	15925248
12	$\mathcal{O}(2; \{2, 3^5, 4^7, 6, 12\})$	111476736
12	$\mathcal{O}(2; \{2^2, 3^2, 4^9, 6, 12\})$	63700992
12	$\mathcal{O}(2; \{2^{15}, 4, 6^2, 12\})$	82944
12	$\mathcal{O}(2; \{2^{11}, 3^3, 4, 6^2, 12\})$	912384
12	$\mathcal{O}(2; \{2^7, 3^6, 4, 6^2, 12\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3^9, 4, 6^2, 12\})$	56650752
12	$\mathcal{O}(2; \{2^{12}, 4^3, 6^2, 12\})$	331776
12	$\mathcal{O}(2; \{2^8, 3^3, 4^3, 6^2, 12\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^6, 4^3, 6^2, 12\})$	28200960
12	$\mathcal{O}(2; \{3^9, 4^3, 6^2, 12\})$	226603008
12	$\mathcal{O}(2; \{2^9, 4^5, 6^2, 12\})$	1327104
12	$\mathcal{O}(2; \{2^5, 3^3, 4^5, 6^2, 12\})$	14598144
12	$\mathcal{O}(2; \{2, 3^6, 4^5, 6^2, 12\})$	112803840
12	$\mathcal{O}(2; \{2^6, 4^7, 6^2, 12\})$	5308416
12	$\mathcal{O}(2; \{2^2, 3^3, 4^7, 6^2, 12\})$	58392576
12	$\mathcal{O}(2; \{2^3, 4^9, 6^2, 12\})$	21233664
12	$\mathcal{O}(2; \{4^{11}, 6^2, 12\})$	84934656
12	$\mathcal{O}(2; \{2^{12}, 3, 4, 6^3, 12\})$	414720
12	$\mathcal{O}(2; \{2^8, 3^4, 4, 6^3, 12\})$	3566592

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^4, 3^7, 4, 6^3, 12\})$	28283904
12	$\mathcal{O}(2; \{3^{10}, 4, 6^3, 12\})$	226520064
12	$\mathcal{O}(2; \{2^9, 3, 4^3, 6^3, 12\})$	1658880
12	$\mathcal{O}(2; \{2^5, 3^4, 4^3, 6^3, 12\})$	14266368
12	$\mathcal{O}(2; \{2, 3^7, 4^3, 6^3, 12\})$	113135616
12	$\mathcal{O}(2; \{2^6, 3, 4^5, 6^3, 12\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^4, 4^5, 6^3, 12\})$	57065472
12	$\mathcal{O}(2; \{2^3, 3, 4^7, 6^3, 12\})$	26542080
12	$\mathcal{O}(2; \{3, 4^9, 6^3, 12\})$	106168320
12	$\mathcal{O}(2; \{2^9, 3^2, 4, 6^4, 12\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^5, 4, 6^4, 12\})$	14183424
12	$\mathcal{O}(2; \{2, 3^8, 4, 6^4, 12\})$	113218560
12	$\mathcal{O}(2; \{2^6, 3^2, 4^3, 6^4, 12\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^5, 4^3, 6^4, 12\})$	56733696
12	$\mathcal{O}(2; \{2^3, 3^2, 4^5, 6^4, 12\})$	27869184
12	$\mathcal{O}(2; \{3^2, 4^7, 6^4, 12\})$	111476736
12	$\mathcal{O}(2; \{2^{10}, 4, 6^5, 12\})$	912384
12	$\mathcal{O}(2; \{2^6, 3^3, 4, 6^5, 12\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^6, 4, 6^5, 12\})$	56650752
12	$\mathcal{O}(2; \{2^7, 4^3, 6^5, 12\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^3, 4^3, 6^5, 12\})$	28200960
12	$\mathcal{O}(2; \{2^4, 4^5, 6^5, 12\})$	14598144
12	$\mathcal{O}(2; \{3^3, 4^5, 6^5, 12\})$	112803840
12	$\mathcal{O}(2; \{2, 4^7, 6^5, 12\})$	58392576
12	$\mathcal{O}(2; \{2^7, 3, 4, 6^6, 12\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^4, 4, 6^6, 12\})$	28283904
12	$\mathcal{O}(2; \{2^4, 3, 4^3, 6^6, 12\})$	14266368
12	$\mathcal{O}(2; \{3^4, 4^3, 6^6, 12\})$	113135616
12	$\mathcal{O}(2; \{2, 3, 4^5, 6^6, 12\})$	57065472
12	$\mathcal{O}(2; \{2^4, 3^2, 4, 6^7, 12\})$	14183424
12	$\mathcal{O}(2; \{3^5, 4, 6^7, 12\})$	113218560
12	$\mathcal{O}(2; \{2, 3^2, 4^3, 6^7, 12\})$	56733696
12	$\mathcal{O}(2; \{2^5, 4, 6^8, 12\})$	7050240
12	$\mathcal{O}(2; \{2, 3^3, 4, 6^8, 12\})$	56650752
12	$\mathcal{O}(2; \{2^2, 4^3, 6^8, 12\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3, 4, 6^9, 12\})$	28283904
12	$\mathcal{O}(2; \{4, 6^{11}, 12\})$	56650752
12	$\mathcal{O}(2; \{2^{18}, 12^2\})$	82944
12	$\mathcal{O}(2; \{2^{14}, 3^3, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^{10}, 3^6, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^6, 3^9, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^2, 3^{12}, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2^{15}, 4^2, 12^2\})$	331776

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^{11}, 3^3, 4^2, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^7, 3^6, 4^2, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3^9, 4^2, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^{12}, 4^4, 12^2\})$	1327104
12	$\mathcal{O}(2; \{2^8, 3^3, 4^4, 12^2\})$	6635520
12	$\mathcal{O}(2; \{2^4, 3^6, 4^4, 12^2\})$	57065472
12	$\mathcal{O}(2; \{3^9, 4^4, 12^2\})$	452542464
12	$\mathcal{O}(2; \{2^9, 4^6, 12^2\})$	5308416
12	$\mathcal{O}(2; \{2^5, 3^3, 4^6, 12^2\})$	26542080
12	$\mathcal{O}(2; \{2, 3^6, 4^6, 12^2\})$	228261888
12	$\mathcal{O}(2; \{2^6, 4^8, 12^2\})$	21233664
12	$\mathcal{O}(2; \{2^2, 3^3, 4^8, 12^2\})$	106168320
12	$\mathcal{O}(2; \{2^3, 4^{10}, 12^2\})$	84934656
12	$\mathcal{O}(2; \{4^{12}, 12^2\})$	339738624
12	$\mathcal{O}(2; \{2^{15}, 3, 6, 12^2\})$	248832
12	$\mathcal{O}(2; \{2^{11}, 3^4, 6, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^7, 3^7, 6, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^3, 3^{10}, 6, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^{12}, 3, 4^2, 6, 12^2\})$	995328
12	$\mathcal{O}(2; \{2^8, 3^4, 4^2, 6, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^7, 4^2, 6, 12^2\})$	56733696
12	$\mathcal{O}(2; \{3^{10}, 4^2, 6, 12^2\})$	452874240
12	$\mathcal{O}(2; \{2^9, 3, 4^4, 6, 12^2\})$	3981312
12	$\mathcal{O}(2; \{2^5, 3^4, 4^4, 6, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2, 3^7, 4^4, 6, 12^2\})$	226934784
12	$\mathcal{O}(2; \{2^6, 3, 4^6, 6, 12^2\})$	15925248
12	$\mathcal{O}(2; \{2^2, 3^4, 4^6, 6, 12^2\})$	111476736
12	$\mathcal{O}(2; \{2^3, 3, 4^8, 6, 12^2\})$	63700992
12	$\mathcal{O}(2; \{3, 4^{10}, 6, 12^2\})$	254803968
12	$\mathcal{O}(2; \{2^{12}, 3^2, 6^2, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^8, 3^5, 6^2, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^4, 3^8, 6^2, 12^2\})$	56650752
12	$\mathcal{O}(2; \{3^{11}, 6^2, 12^2\})$	452957184
12	$\mathcal{O}(2; \{2^9, 3^2, 4^2, 6^2, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^5, 3^5, 4^2, 6^2, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2, 3^8, 4^2, 6^2, 12^2\})$	226603008
12	$\mathcal{O}(2; \{2^6, 3^2, 4^4, 6^2, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3^5, 4^4, 6^2, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^3, 3^2, 4^6, 6^2, 12^2\})$	58392576
12	$\mathcal{O}(2; \{3^2, 4^8, 6^2, 12^2\})$	233570304
12	$\mathcal{O}(2; \{2^{13}, 6^3, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^9, 3^3, 6^3, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^5, 3^6, 6^3, 12^2\})$	28283904

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2, 3^9, 6^3, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2^{10}, 4^2, 6^3, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^6, 3^3, 4^2, 6^3, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^6, 4^2, 6^3, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^7, 4^4, 6^3, 12^2\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3^3, 4^4, 6^3, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^4, 4^6, 6^3, 12^2\})$	26542080
12	$\mathcal{O}(2; \{3^3, 4^6, 6^3, 12^2\})$	228261888
12	$\mathcal{O}(2; \{2, 4^8, 6^3, 12^2\})$	106168320
12	$\mathcal{O}(2; \{2^{10}, 3, 6^4, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^6, 3^4, 6^4, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3^7, 6^4, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^7, 3, 4^2, 6^4, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^4, 4^2, 6^4, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^4, 3, 4^4, 6^4, 12^2\})$	27869184
12	$\mathcal{O}(2; \{3^4, 4^4, 6^4, 12^2\})$	226934784
12	$\mathcal{O}(2; \{2, 3, 4^6, 6^4, 12^2\})$	111476736
12	$\mathcal{O}(2; \{2^7, 3^2, 6^5, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3^5, 6^5, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^4, 3^2, 4^2, 6^5, 12^2\})$	28200960
12	$\mathcal{O}(2; \{3^5, 4^2, 6^5, 12^2\})$	226603008
12	$\mathcal{O}(2; \{2, 3^2, 4^4, 6^5, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^8, 6^6, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3^3, 6^6, 12^2\})$	28283904
12	$\mathcal{O}(2; \{3^6, 6^6, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2^5, 4^2, 6^6, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2, 3^3, 4^2, 6^6, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^2, 4^4, 6^6, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^5, 3, 6^7, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2, 3^4, 6^7, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^2, 3, 4^2, 6^7, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^2, 3^2, 6^8, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^3, 6^9, 12^2\})$	28283904
12	$\mathcal{O}(2; \{4^2, 6^9, 12^2\})$	113135616
12	$\mathcal{O}(2; \{3, 6^{10}, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^{12}, 3^2, 4, 12^3\})$	1658880
12	$\mathcal{O}(2; \{2^8, 3^5, 4, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^4, 3^8, 4, 12^3\})$	113135616
12	$\mathcal{O}(2; \{3^{11}, 4, 12^3\})$	906080256
12	$\mathcal{O}(2; \{2^9, 3^2, 4^3, 12^3\})$	6635520
12	$\mathcal{O}(2; \{2^5, 3^5, 4^3, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2, 3^8, 4^3, 12^3\})$	452542464
12	$\mathcal{O}(2; \{2^6, 3^2, 4^5, 12^3\})$	26542080

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^2, 3^5, 4^5, 12^3\})$	228261888
12	$\mathcal{O}(2; \{2^3, 3^2, 4^7, 12^3\})$	106168320
12	$\mathcal{O}(2; \{3^2, 4^9, 12^3\})$	424673280
12	$\mathcal{O}(2; \{2^{13}, 4, 6, 12^3\})$	995328
12	$\mathcal{O}(2; \{2^9, 3^3, 4, 6, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^5, 3^6, 4, 6, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2, 3^9, 4, 6, 12^3\})$	452874240
12	$\mathcal{O}(2; \{2^{10}, 4^3, 6, 12^3\})$	3981312
12	$\mathcal{O}(2; \{2^6, 3^3, 4^3, 6, 12^3\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^6, 4^3, 6, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2^7, 4^5, 6, 12^3\})$	15925248
12	$\mathcal{O}(2; \{2^3, 3^3, 4^5, 6, 12^3\})$	111476736
12	$\mathcal{O}(2; \{2^4, 4^7, 6, 12^3\})$	63700992
12	$\mathcal{O}(2; \{3^3, 4^7, 6, 12^3\})$	445906944
12	$\mathcal{O}(2; \{2, 4^9, 6, 12^3\})$	254803968
12	$\mathcal{O}(2; \{2^{10}, 3, 4, 6^2, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^6, 3^4, 4, 6^2, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^7, 4, 6^2, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^7, 3, 4^3, 6^2, 12^3\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3^4, 4^3, 6^2, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^4, 3, 4^5, 6^2, 12^3\})$	58392576
12	$\mathcal{O}(2; \{3^4, 4^5, 6^2, 12^3\})$	451215360
12	$\mathcal{O}(2; \{2, 3, 4^7, 6^2, 12^3\})$	233570304
12	$\mathcal{O}(2; \{2^7, 3^2, 4, 6^3, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3^5, 4, 6^3, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^4, 3^2, 4^3, 6^3, 12^3\})$	57065472
12	$\mathcal{O}(2; \{3^5, 4^3, 6^3, 12^3\})$	452542464
12	$\mathcal{O}(2; \{2, 3^2, 4^5, 6^3, 12^3\})$	228261888
12	$\mathcal{O}(2; \{2^8, 4, 6^4, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^3, 4, 6^4, 12^3\})$	56733696
12	$\mathcal{O}(2; \{3^6, 4, 6^4, 12^3\})$	452874240
12	$\mathcal{O}(2; \{2^5, 4^3, 6^4, 12^3\})$	27869184
12	$\mathcal{O}(2; \{2, 3^3, 4^3, 6^4, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2^2, 4^5, 6^4, 12^3\})$	111476736
12	$\mathcal{O}(2; \{2^5, 3, 4, 6^5, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2, 3^4, 4, 6^5, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^2, 3, 4^3, 6^5, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3^2, 4, 6^6, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^3, 4, 6^7, 12^3\})$	56733696
12	$\mathcal{O}(2; \{4^3, 6^7, 12^3\})$	226934784
12	$\mathcal{O}(2; \{3, 4, 6^8, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^{13}, 3, 12^4\})$	1658880
12	$\mathcal{O}(2; \{2^9, 3^4, 12^4\})$	14266368

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^5, 3^7, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2, 3^{10}, 12^4\})$	906080256
12	$\mathcal{O}(2; \{2^{10}, 3, 4^2, 12^4\})$	6635520
12	$\mathcal{O}(2; \{2^6, 3^4, 4^2, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3^7, 4^2, 12^4\})$	452542464
12	$\mathcal{O}(2; \{2^7, 3, 4^4, 12^4\})$	26542080
12	$\mathcal{O}(2; \{2^3, 3^4, 4^4, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2^4, 3, 4^6, 12^4\})$	106168320
12	$\mathcal{O}(2; \{3^4, 4^6, 12^4\})$	913047552
12	$\mathcal{O}(2; \{2, 3, 4^8, 12^4\})$	424673280
12	$\mathcal{O}(2; \{2^{10}, 3^2, 6, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^6, 3^5, 6, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^2, 3^8, 6, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2^7, 3^2, 4^2, 6, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^5, 4^2, 6, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^4, 3^2, 4^4, 6, 12^4\})$	111476736
12	$\mathcal{O}(2; \{3^5, 4^4, 6, 12^4\})$	907739136
12	$\mathcal{O}(2; \{2, 3^2, 4^6, 6, 12^4\})$	445906944
12	$\mathcal{O}(2; \{2^{11}, 6^2, 12^4\})$	3649536
12	$\mathcal{O}(2; \{2^7, 3^3, 6^2, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^3, 3^6, 6^2, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^8, 4^2, 6^2, 12^4\})$	14598144
12	$\mathcal{O}(2; \{2^4, 3^3, 4^2, 6^2, 12^4\})$	112803840
12	$\mathcal{O}(2; \{3^6, 4^2, 6^2, 12^4\})$	906412032
12	$\mathcal{O}(2; \{2^5, 4^4, 6^2, 12^4\})$	58392576
12	$\mathcal{O}(2; \{2, 3^3, 4^4, 6^2, 12^4\})$	451215360
12	$\mathcal{O}(2; \{2^2, 4^6, 6^2, 12^4\})$	233570304
12	$\mathcal{O}(2; \{2^8, 3, 6^3, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^4, 3^4, 6^3, 12^4\})$	113135616
12	$\mathcal{O}(2; \{3^7, 6^3, 12^4\})$	906080256
12	$\mathcal{O}(2; \{2^5, 3, 4^2, 6^3, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2, 3^4, 4^2, 6^3, 12^4\})$	452542464
12	$\mathcal{O}(2; \{2^2, 3, 4^4, 6^3, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2^5, 3^2, 6^4, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2, 3^5, 6^4, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2^2, 3^2, 4^2, 6^4, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^6, 6^5, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^3, 6^5, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^3, 4^2, 6^5, 12^4\})$	112803840
12	$\mathcal{O}(2; \{4^4, 6^5, 12^4\})$	451215360
12	$\mathcal{O}(2; \{2^3, 3, 6^6, 12^4\})$	113135616
12	$\mathcal{O}(2; \{3, 4^2, 6^6, 12^4\})$	452542464
12	$\mathcal{O}(2; \{3^2, 6^7, 12^4\})$	452874240

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2, 6^8, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^{11}, 4, 12^5\})$	6635520
12	$\mathcal{O}(2; \{2^7, 3^3, 4, 12^5\})$	57065472
12	$\mathcal{O}(2; \{2^3, 3^6, 4, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^8, 4^3, 12^5\})$	26542080
12	$\mathcal{O}(2; \{2^4, 3^3, 4^3, 12^5\})$	228261888
12	$\mathcal{O}(2; \{3^6, 4^3, 12^5\})$	1810169856
12	$\mathcal{O}(2; \{2^5, 4^5, 12^5\})$	106168320
12	$\mathcal{O}(2; \{2, 3^3, 4^5, 12^5\})$	913047552
12	$\mathcal{O}(2; \{2^2, 4^7, 12^5\})$	424673280
12	$\mathcal{O}(2; \{2^8, 3, 4, 6, 12^5\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3^4, 4, 6, 12^5\})$	226934784
12	$\mathcal{O}(2; \{3^7, 4, 6, 12^5\})$	1811496960
12	$\mathcal{O}(2; \{2^5, 3, 4^3, 6, 12^5\})$	111476736
12	$\mathcal{O}(2; \{2, 3^4, 4^3, 6, 12^5\})$	907739136
12	$\mathcal{O}(2; \{2^2, 3, 4^5, 6, 12^5\})$	445906944
12	$\mathcal{O}(2; \{2^5, 3^2, 4, 6^2, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2, 3^5, 4, 6^2, 12^5\})$	906412032
12	$\mathcal{O}(2; \{2^2, 3^2, 4^3, 6^2, 12^5\})$	451215360
12	$\mathcal{O}(2; \{2^6, 4, 6^3, 12^5\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3^3, 4, 6^3, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^3, 4^3, 6^3, 12^5\})$	228261888
12	$\mathcal{O}(2; \{4^5, 6^3, 12^5\})$	913047552
12	$\mathcal{O}(2; \{2^3, 3, 4, 6^4, 12^5\})$	226934784
12	$\mathcal{O}(2; \{3, 4^3, 6^4, 12^5\})$	907739136
12	$\mathcal{O}(2; \{3^2, 4, 6^5, 12^5\})$	906412032
12	$\mathcal{O}(2; \{2, 4, 6^6, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^8, 3^2, 12^6\})$	57065472
12	$\mathcal{O}(2; \{2^4, 3^5, 12^6\})$	452542464
12	$\mathcal{O}(2; \{3^8, 12^6\})$	3624321024
12	$\mathcal{O}(2; \{2^5, 3^2, 4^2, 12^6\})$	228261888
12	$\mathcal{O}(2; \{2, 3^5, 4^2, 12^6\})$	1810169856
12	$\mathcal{O}(2; \{2^2, 3^2, 4^4, 12^6\})$	913047552
12	$\mathcal{O}(2; \{2^9, 6, 12^6\})$	27869184
12	$\mathcal{O}(2; \{2^5, 3^3, 6, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2, 3^6, 6, 12^6\})$	1811496960
12	$\mathcal{O}(2; \{2^6, 4^2, 6, 12^6\})$	111476736
12	$\mathcal{O}(2; \{2^2, 3^3, 4^2, 6, 12^6\})$	907739136
12	$\mathcal{O}(2; \{2^3, 4^4, 6, 12^6\})$	445906944
12	$\mathcal{O}(2; \{4^6, 6, 12^6\})$	1783627776
12	$\mathcal{O}(2; \{2^6, 3, 6^2, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3^4, 6^2, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^3, 3, 4^2, 6^2, 12^6\})$	451215360

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{3, 4^4, 6^2, 12^6\})$	1804861440
12	$\mathcal{O}(2; \{2^3, 3^2, 6^3, 12^6\})$	452542464
12	$\mathcal{O}(2; \{3^2, 4^2, 6^3, 12^6\})$	1810169856
12	$\mathcal{O}(2; \{2^4, 6^4, 12^6\})$	226934784
12	$\mathcal{O}(2; \{3^3, 6^4, 12^6\})$	1811496960
12	$\mathcal{O}(2; \{2, 4^2, 6^4, 12^6\})$	907739136
12	$\mathcal{O}(2; \{2, 3, 6^5, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^6, 3, 4, 12^7\})$	228261888
12	$\mathcal{O}(2; \{2^2, 3^4, 4, 12^7\})$	1810169856
12	$\mathcal{O}(2; \{2^3, 3, 4^3, 12^7\})$	913047552
12	$\mathcal{O}(2; \{3, 4^5, 12^7\})$	3652190208
12	$\mathcal{O}(2; \{2^3, 3^2, 4, 6, 12^7\})$	907739136
12	$\mathcal{O}(2; \{3^2, 4^3, 6, 12^7\})$	3630956544
12	$\mathcal{O}(2; \{2^4, 4, 6^2, 12^7\})$	451215360
12	$\mathcal{O}(2; \{3^3, 4, 6^2, 12^7\})$	3625648128
12	$\mathcal{O}(2; \{2, 4^3, 6^2, 12^7\})$	1804861440
12	$\mathcal{O}(2; \{2, 3, 4, 6^3, 12^7\})$	1810169856
12	$\mathcal{O}(2; \{2^7, 12^8\})$	228261888
12	$\mathcal{O}(2; \{2^3, 3^3, 12^8\})$	1810169856
12	$\mathcal{O}(2; \{2^4, 4^2, 12^8\})$	913047552
12	$\mathcal{O}(2; \{3^3, 4^2, 12^8\})$	7240679424
12	$\mathcal{O}(2; \{2, 4^4, 12^8\})$	3652190208
12	$\mathcal{O}(2; \{2^4, 3, 6, 12^8\})$	907739136
12	$\mathcal{O}(2; \{3^4, 6, 12^8\})$	7245987840
12	$\mathcal{O}(2; \{2, 3, 4^2, 6, 12^8\})$	3630956544
12	$\mathcal{O}(2; \{2, 3^2, 6^2, 12^8\})$	3625648128
12	$\mathcal{O}(2; \{2^2, 6^3, 12^8\})$	1810169856
12	$\mathcal{O}(2; \{2, 3^2, 4, 12^9\})$	7240679424
12	$\mathcal{O}(2; \{2^2, 4, 6, 12^9\})$	3630956544
12	$\mathcal{O}(2; \{2^2, 3, 12^{10}\})$	7240679424
12	$\mathcal{O}(2; \{6^2, 12^{10}\})$	14502592512
12	$\mathcal{O}(2; \{4, 12^{11}\})$	28962717696
12	$\mathcal{O}(1; \{2^{20}, 3^2, 4^2\})$	576
12	$\mathcal{O}(1; \{2^{16}, 3^5, 4^2\})$	2880
12	$\mathcal{O}(1; \{2^{12}, 3^8, 4^2\})$	24768
12	$\mathcal{O}(1; \{2^8, 3^{11}, 4^2\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^{14}, 4^2\})$	1573056
12	$\mathcal{O}(1; \{3^{17}, 4^2\})$	12582720
12	$\mathcal{O}(1; \{2^{17}, 3^2, 4^4\})$	2304
12	$\mathcal{O}(1; \{2^{13}, 3^5, 4^4\})$	11520
12	$\mathcal{O}(1; \{2^9, 3^8, 4^4\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^{11}, 4^4\})$	785664
12	$\mathcal{O}(1; \{2, 3^{14}, 4^4\})$	6292224

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4^6\})$	9216
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4^6\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^8, 4^6\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4^6\})$	3142656
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^8\})$	36864
12	$\mathcal{O}(1; \{2^7, 3^5, 4^8\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^8, 4^8\})$	1585152
12	$\mathcal{O}(1; \{2^8, 3^2, 4^{10}\})$	147456
12	$\mathcal{O}(1; \{2^4, 3^5, 4^{10}\})$	737280
12	$\mathcal{O}(1; \{3^8, 4^{10}\})$	6340608
12	$\mathcal{O}(1; \{2^5, 3^2, 4^{12}\})$	589824
12	$\mathcal{O}(1; \{2, 3^5, 4^{12}\})$	2949120
12	$\mathcal{O}(1; \{2^2, 3^2, 4^{14}\})$	2359296
12	$\mathcal{O}(1; \{2^{17}, 3^3, 4^2, 6\})$	1728
12	$\mathcal{O}(1; \{2^{13}, 3^6, 4^2, 6\})$	12096
12	$\mathcal{O}(1; \{2^9, 3^9, 4^2, 6\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^{12}, 4^2, 6\})$	786240
12	$\mathcal{O}(1; \{2, 3^{15}, 4^2, 6\})$	6291648
12	$\mathcal{O}(1; \{2^{14}, 3^3, 4^4, 6\})$	6912
12	$\mathcal{O}(1; \{2^{10}, 3^6, 4^4, 6\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^9, 4^4, 6\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^{12}, 4^4, 6\})$	3144960
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^6, 6\})$	27648
12	$\mathcal{O}(1; \{2^7, 3^6, 4^6, 6\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^9, 4^6, 6\})$	1575936
12	$\mathcal{O}(1; \{2^8, 3^3, 4^8, 6\})$	110592
12	$\mathcal{O}(1; \{2^4, 3^6, 4^8, 6\})$	774144
12	$\mathcal{O}(1; \{3^9, 4^8, 6\})$	6303744
12	$\mathcal{O}(1; \{2^5, 3^3, 4^{10}, 6\})$	442368
12	$\mathcal{O}(1; \{2, 3^6, 4^{10}, 6\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3^3, 4^{12}, 6\})$	1769472
12	$\mathcal{O}(1; \{2^{18}, 3, 4^2, 6^2\})$	576
12	$\mathcal{O}(1; \{2^{14}, 3^4, 4^2, 6^2\})$	6336
12	$\mathcal{O}(1; \{2^{10}, 3^7, 4^2, 6^2\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^{10}, 4^2, 6^2\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^{13}, 4^2, 6^2\})$	3145536
12	$\mathcal{O}(1; \{2^{15}, 3, 4^4, 6^2\})$	2304
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^4, 6^2\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^7, 4^4, 6^2\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^4, 6^2\})$	1573632
12	$\mathcal{O}(1; \{2^{12}, 3, 4^6, 6^2\})$	9216
12	$\mathcal{O}(1; \{2^8, 3^4, 4^6, 6^2\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^7, 4^6, 6^2\})$	783360

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^{10}, 4^6, 6^2\})$	6294528
12	$\mathcal{O}(1; \{2^9, 3, 4^8, 6^2\})$	36864
12	$\mathcal{O}(1; \{2^5, 3^4, 4^8, 6^2\})$	405504
12	$\mathcal{O}(1; \{2, 3^7, 4^8, 6^2\})$	3133440
12	$\mathcal{O}(1; \{2^6, 3, 4^{10}, 6^2\})$	147456
12	$\mathcal{O}(1; \{2^2, 3^4, 4^{10}, 6^2\})$	1622016
12	$\mathcal{O}(1; \{2^3, 3, 4^{12}, 6^2\})$	589824
12	$\mathcal{O}(1; \{3, 4^{14}, 6^2\})$	2359296
12	$\mathcal{O}(1; \{2^{15}, 3^2, 4^2, 6^3\})$	2880
12	$\mathcal{O}(1; \{2^{11}, 3^5, 4^2, 6^3\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^8, 4^2, 6^3\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^{11}, 4^2, 6^3\})$	1573056
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^4, 6^3\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^5, 4^4, 6^3\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^8, 4^4, 6^3\})$	785664
12	$\mathcal{O}(1; \{3^{11}, 4^4, 6^3\})$	6292224
12	$\mathcal{O}(1; \{2^9, 3^2, 4^6, 6^3\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^5, 4^6, 6^3\})$	396288
12	$\mathcal{O}(1; \{2, 3^8, 4^6, 6^3\})$	3142656
12	$\mathcal{O}(1; \{2^6, 3^2, 4^8, 6^3\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^5, 4^8, 6^3\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^2, 4^{10}, 6^3\})$	737280
12	$\mathcal{O}(1; \{3^2, 4^{12}, 6^3\})$	2949120
12	$\mathcal{O}(1; \{2^{16}, 4^2, 6^4\})$	1728
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^2, 6^4\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^6, 4^2, 6^4\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^9, 4^2, 6^4\})$	786240
12	$\mathcal{O}(1; \{3^{12}, 4^2, 6^4\})$	6291648
12	$\mathcal{O}(1; \{2^{13}, 4^4, 6^4\})$	6912
12	$\mathcal{O}(1; \{2^9, 3^3, 4^4, 6^4\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^6, 4^4, 6^4\})$	393984
12	$\mathcal{O}(1; \{2, 3^9, 4^4, 6^4\})$	3144960
12	$\mathcal{O}(1; \{2^{10}, 4^6, 6^4\})$	27648
12	$\mathcal{O}(1; \{2^6, 3^3, 4^6, 6^4\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^6, 4^6, 6^4\})$	1575936
12	$\mathcal{O}(1; \{2^7, 4^8, 6^4\})$	110592
12	$\mathcal{O}(1; \{2^3, 3^3, 4^8, 6^4\})$	774144
12	$\mathcal{O}(1; \{2^4, 4^{10}, 6^4\})$	442368
12	$\mathcal{O}(1; \{3^3, 4^{10}, 6^4\})$	3096576
12	$\mathcal{O}(1; \{2, 4^{12}, 6^4\})$	1769472
12	$\mathcal{O}(1; \{2^{13}, 3, 4^2, 6^5\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^4, 4^2, 6^5\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^7, 4^2, 6^5\})$	393408

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^{10}, 4^2, 6^5\})$	3145536
12	$\mathcal{O}(1; \{2^{10}, 3, 4^4, 6^5\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^4, 4^4, 6^5\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^7, 4^4, 6^5\})$	1573632
12	$\mathcal{O}(1; \{2^7, 3, 4^6, 6^5\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^4, 4^6, 6^5\})$	783360
12	$\mathcal{O}(1; \{2^4, 3, 4^8, 6^5\})$	405504
12	$\mathcal{O}(1; \{3^4, 4^8, 6^5\})$	3133440
12	$\mathcal{O}(1; \{2, 3, 4^{10}, 6^5\})$	1622016
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^2, 6^6\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^5, 4^2, 6^6\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^8, 4^2, 6^6\})$	1573056
12	$\mathcal{O}(1; \{2^7, 3^2, 4^4, 6^6\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^5, 4^4, 6^6\})$	785664
12	$\mathcal{O}(1; \{2^4, 3^2, 4^6, 6^6\})$	396288
12	$\mathcal{O}(1; \{3^5, 4^6, 6^6\})$	3142656
12	$\mathcal{O}(1; \{2, 3^2, 4^8, 6^6\})$	1585152
12	$\mathcal{O}(1; \{2^{11}, 4^2, 6^7\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^3, 4^2, 6^7\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^6, 4^2, 6^7\})$	786240
12	$\mathcal{O}(1; \{2^8, 4^4, 6^7\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^3, 4^4, 6^7\})$	393984
12	$\mathcal{O}(1; \{3^6, 4^4, 6^7\})$	3144960
12	$\mathcal{O}(1; \{2^5, 4^6, 6^7\})$	193536
12	$\mathcal{O}(1; \{2, 3^3, 4^6, 6^7\})$	1575936
12	$\mathcal{O}(1; \{2^2, 4^8, 6^7\})$	774144
12	$\mathcal{O}(1; \{2^8, 3, 4^2, 6^8\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^4, 4^2, 6^8\})$	393408
12	$\mathcal{O}(1; \{3^7, 4^2, 6^8\})$	3145536
12	$\mathcal{O}(1; \{2^5, 3, 4^4, 6^8\})$	195840
12	$\mathcal{O}(1; \{2, 3^4, 4^4, 6^8\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3, 4^6, 6^8\})$	783360
12	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 6^9\})$	196416
12	$\mathcal{O}(1; \{2, 3^5, 4^2, 6^9\})$	1573056
12	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 6^9\})$	785664
12	$\mathcal{O}(1; \{2^6, 4^2, 6^{10}\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6^{10}\})$	786240
12	$\mathcal{O}(1; \{2^3, 4^4, 6^{10}\})$	393984
12	$\mathcal{O}(1; \{4^6, 6^{10}\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^{11}\})$	393408
12	$\mathcal{O}(1; \{3, 4^4, 6^{11}\})$	1573632
12	$\mathcal{O}(1; \{3^2, 4^2, 6^{12}\})$	1573056
12	$\mathcal{O}(1; \{2, 4^2, 6^{13}\})$	786240

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{21}, 3, 4, 12\})$	576
12	$\mathcal{O}(1; \{2^{17}, 3^4, 4, 12\})$	2880
12	$\mathcal{O}(1; \{2^{13}, 3^7, 4, 12\})$	24768
12	$\mathcal{O}(1; \{2^9, 3^{10}, 4, 12\})$	196416
12	$\mathcal{O}(1; \{2^5, 3^{13}, 4, 12\})$	1573056
12	$\mathcal{O}(1; \{2, 3^{16}, 4, 12\})$	12582720
12	$\mathcal{O}(1; \{2^{18}, 3, 4^3, 12\})$	2304
12	$\mathcal{O}(1; \{2^{14}, 3^4, 4^3, 12\})$	11520
12	$\mathcal{O}(1; \{2^{10}, 3^7, 4^3, 12\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^{10}, 4^3, 12\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^{13}, 4^3, 12\})$	6292224
12	$\mathcal{O}(1; \{2^{15}, 3, 4^5, 12\})$	9216
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^5, 12\})$	46080
12	$\mathcal{O}(1; \{2^7, 3^7, 4^5, 12\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^5, 12\})$	3142656
12	$\mathcal{O}(1; \{2^{12}, 3, 4^7, 12\})$	36864
12	$\mathcal{O}(1; \{2^8, 3^4, 4^7, 12\})$	184320
12	$\mathcal{O}(1; \{2^4, 3^7, 4^7, 12\})$	1585152
12	$\mathcal{O}(1; \{3^{10}, 4^7, 12\})$	12570624
12	$\mathcal{O}(1; \{2^9, 3, 4^9, 12\})$	147456
12	$\mathcal{O}(1; \{2^5, 3^4, 4^9, 12\})$	737280
12	$\mathcal{O}(1; \{2, 3^7, 4^9, 12\})$	6340608
12	$\mathcal{O}(1; \{2^6, 3, 4^{11}, 12\})$	589824
12	$\mathcal{O}(1; \{2^2, 3^4, 4^{11}, 12\})$	2949120
12	$\mathcal{O}(1; \{2^3, 3, 4^{13}, 12\})$	2359296
12	$\mathcal{O}(1; \{3, 4^{15}, 12\})$	9437184
12	$\mathcal{O}(1; \{2^{18}, 3^2, 4, 6, 12\})$	1728
12	$\mathcal{O}(1; \{2^{14}, 3^5, 4, 6, 12\})$	12096
12	$\mathcal{O}(1; \{2^{10}, 3^8, 4, 6, 12\})$	98496
12	$\mathcal{O}(1; \{2^6, 3^{11}, 4, 6, 12\})$	786240
12	$\mathcal{O}(1; \{2^2, 3^{14}, 4, 6, 12\})$	6291648
12	$\mathcal{O}(1; \{2^{15}, 3^2, 4^3, 6, 12\})$	6912
12	$\mathcal{O}(1; \{2^{11}, 3^5, 4^3, 6, 12\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^8, 4^3, 6, 12\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^{11}, 4^3, 6, 12\})$	3144960
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^5, 6, 12\})$	27648
12	$\mathcal{O}(1; \{2^8, 3^5, 4^5, 6, 12\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^8, 4^5, 6, 12\})$	1575936
12	$\mathcal{O}(1; \{3^{11}, 4^5, 6, 12\})$	12579840
12	$\mathcal{O}(1; \{2^9, 3^2, 4^7, 6, 12\})$	110592
12	$\mathcal{O}(1; \{2^5, 3^5, 4^7, 6, 12\})$	774144
12	$\mathcal{O}(1; \{2, 3^8, 4^7, 6, 12\})$	6303744
12	$\mathcal{O}(1; \{2^6, 3^2, 4^9, 6, 12\})$	442368

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3^5, 4^9, 6, 12\})$	3096576
12	$\mathcal{O}(1; \{2^3, 3^2, 4^{11}, 6, 12\})$	1769472
12	$\mathcal{O}(1; \{3^2, 4^{13}, 6, 12\})$	7077888
12	$\mathcal{O}(1; \{2^{19}, 4, 6^2, 12\})$	576
12	$\mathcal{O}(1; \{2^{15}, 3^3, 4, 6^2, 12\})$	6336
12	$\mathcal{O}(1; \{2^{11}, 3^6, 4, 6^2, 12\})$	48960
12	$\mathcal{O}(1; \{2^7, 3^9, 4, 6^2, 12\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^{12}, 4, 6^2, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{16}, 4^3, 6^2, 12\})$	2304
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^3, 6^2, 12\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^6, 4^3, 6^2, 12\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^9, 4^3, 6^2, 12\})$	1573632
12	$\mathcal{O}(1; \{3^{12}, 4^3, 6^2, 12\})$	12582144
12	$\mathcal{O}(1; \{2^{13}, 4^5, 6^2, 12\})$	9216
12	$\mathcal{O}(1; \{2^9, 3^3, 4^5, 6^2, 12\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^6, 4^5, 6^2, 12\})$	783360
12	$\mathcal{O}(1; \{2, 3^9, 4^5, 6^2, 12\})$	6294528
12	$\mathcal{O}(1; \{2^{10}, 4^7, 6^2, 12\})$	36864
12	$\mathcal{O}(1; \{2^6, 3^3, 4^7, 6^2, 12\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^6, 4^7, 6^2, 12\})$	3133440
12	$\mathcal{O}(1; \{2^7, 4^9, 6^2, 12\})$	147456
12	$\mathcal{O}(1; \{2^3, 3^3, 4^9, 6^2, 12\})$	1622016
12	$\mathcal{O}(1; \{2^4, 4^{11}, 6^2, 12\})$	589824
12	$\mathcal{O}(1; \{3^3, 4^{11}, 6^2, 12\})$	6488064
12	$\mathcal{O}(1; \{2, 4^{13}, 6^2, 12\})$	2359296
12	$\mathcal{O}(1; \{2^{16}, 3, 4, 6^3, 12\})$	2880
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4, 6^3, 12\})$	24768
12	$\mathcal{O}(1; \{2^8, 3^7, 4, 6^3, 12\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4, 6^3, 12\})$	1573056
12	$\mathcal{O}(1; \{3^{13}, 4, 6^3, 12\})$	12582720
12	$\mathcal{O}(1; \{2^{13}, 3, 4^3, 6^3, 12\})$	11520
12	$\mathcal{O}(1; \{2^9, 3^4, 4^3, 6^3, 12\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^7, 4^3, 6^3, 12\})$	785664
12	$\mathcal{O}(1; \{2, 3^{10}, 4^3, 6^3, 12\})$	6292224
12	$\mathcal{O}(1; \{2^{10}, 3, 4^5, 6^3, 12\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^4, 4^5, 6^3, 12\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^7, 4^5, 6^3, 12\})$	3142656
12	$\mathcal{O}(1; \{2^7, 3, 4^7, 6^3, 12\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^4, 4^7, 6^3, 12\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3, 4^9, 6^3, 12\})$	737280
12	$\mathcal{O}(1; \{3^4, 4^9, 6^3, 12\})$	6340608
12	$\mathcal{O}(1; \{2, 3, 4^{11}, 6^3, 12\})$	2949120
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4, 6^4, 12\})$	12096

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^9, 3^5, 4, 6^4, 12\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^8, 4, 6^4, 12\})$	786240
12	$\mathcal{O}(1; \{2, 3^{11}, 4, 6^4, 12\})$	6291648
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^3, 6^4, 12\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^5, 4^3, 6^4, 12\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^8, 4^3, 6^4, 12\})$	3144960
12	$\mathcal{O}(1; \{2^7, 3^2, 4^5, 6^4, 12\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^5, 4^5, 6^4, 12\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3^2, 4^7, 6^4, 12\})$	774144
12	$\mathcal{O}(1; \{3^5, 4^7, 6^4, 12\})$	6303744
12	$\mathcal{O}(1; \{2, 3^2, 4^9, 6^4, 12\})$	3096576
12	$\mathcal{O}(1; \{2^{14}, 4, 6^5, 12\})$	6336
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4, 6^5, 12\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^6, 4, 6^5, 12\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^9, 4, 6^5, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{11}, 4^3, 6^5, 12\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^3, 4^3, 6^5, 12\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^6, 4^3, 6^5, 12\})$	1573632
12	$\mathcal{O}(1; \{2^8, 4^5, 6^5, 12\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^3, 4^5, 6^5, 12\})$	783360
12	$\mathcal{O}(1; \{3^6, 4^5, 6^5, 12\})$	6294528
12	$\mathcal{O}(1; \{2^5, 4^7, 6^5, 12\})$	405504
12	$\mathcal{O}(1; \{2, 3^3, 4^7, 6^5, 12\})$	3133440
12	$\mathcal{O}(1; \{2^2, 4^9, 6^5, 12\})$	1622016
12	$\mathcal{O}(1; \{2^{11}, 3, 4, 6^6, 12\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^4, 4, 6^6, 12\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^7, 4, 6^6, 12\})$	1573056
12	$\mathcal{O}(1; \{2^8, 3, 4^3, 6^6, 12\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^4, 4^3, 6^6, 12\})$	785664
12	$\mathcal{O}(1; \{3^7, 4^3, 6^6, 12\})$	6292224
12	$\mathcal{O}(1; \{2^5, 3, 4^5, 6^6, 12\})$	396288
12	$\mathcal{O}(1; \{2, 3^4, 4^5, 6^6, 12\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3, 4^7, 6^6, 12\})$	1585152
12	$\mathcal{O}(1; \{2^8, 3^2, 4, 6^7, 12\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^5, 4, 6^7, 12\})$	786240
12	$\mathcal{O}(1; \{3^8, 4, 6^7, 12\})$	6291648
12	$\mathcal{O}(1; \{2^5, 3^2, 4^3, 6^7, 12\})$	393984
12	$\mathcal{O}(1; \{2, 3^5, 4^3, 6^7, 12\})$	3144960
12	$\mathcal{O}(1; \{2^2, 3^2, 4^5, 6^7, 12\})$	1575936
12	$\mathcal{O}(1; \{2^9, 4, 6^8, 12\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^3, 4, 6^8, 12\})$	393408
12	$\mathcal{O}(1; \{2, 3^6, 4, 6^8, 12\})$	3145536
12	$\mathcal{O}(1; \{2^6, 4^3, 6^8, 12\})$	195840

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3^3, 4^3, 6^8, 12\})$	1573632
12	$\mathcal{O}(1; \{2^3, 4^5, 6^8, 12\})$	783360
12	$\mathcal{O}(1; \{4^7, 6^8, 12\})$	3133440
12	$\mathcal{O}(1; \{2^6, 3, 4, 6^9, 12\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^4, 4, 6^9, 12\})$	1573056
12	$\mathcal{O}(1; \{2^3, 3, 4^3, 6^9, 12\})$	785664
12	$\mathcal{O}(1; \{3, 4^5, 6^9, 12\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 6^{10}, 12\})$	786240
12	$\mathcal{O}(1; \{3^2, 4^3, 6^{10}, 12\})$	3144960
12	$\mathcal{O}(1; \{2^4, 4, 6^{11}, 12\})$	393408
12	$\mathcal{O}(1; \{3^3, 4, 6^{11}, 12\})$	3145536
12	$\mathcal{O}(1; \{2, 4^3, 6^{11}, 12\})$	1573632
12	$\mathcal{O}(1; \{2, 3, 4, 6^{12}, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{22}, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{18}, 3^3, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{14}, 3^6, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^{10}, 3^9, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^6, 3^{12}, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^2, 3^{15}, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^{19}, 4^2, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^{15}, 3^3, 4^2, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^{11}, 3^6, 4^2, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^7, 3^9, 4^2, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^{12}, 4^2, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^{16}, 4^4, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^4, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^8, 3^6, 4^4, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^9, 4^4, 12^2\})$	3142656
12	$\mathcal{O}(1; \{3^{12}, 4^4, 12^2\})$	25168896
12	$\mathcal{O}(1; \{2^{13}, 4^6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^9, 3^3, 4^6, 12^2\})$	184320
12	$\mathcal{O}(1; \{2^5, 3^6, 4^6, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2, 3^9, 4^6, 12^2\})$	12570624
12	$\mathcal{O}(1; \{2^{10}, 4^8, 12^2\})$	147456
12	$\mathcal{O}(1; \{2^6, 3^3, 4^8, 12^2\})$	737280
12	$\mathcal{O}(1; \{2^2, 3^6, 4^8, 12^2\})$	6340608
12	$\mathcal{O}(1; \{2^7, 4^{10}, 12^2\})$	589824
12	$\mathcal{O}(1; \{2^3, 3^3, 4^{10}, 12^2\})$	2949120
12	$\mathcal{O}(1; \{2^4, 4^{12}, 12^2\})$	2359296
12	$\mathcal{O}(1; \{3^3, 4^{12}, 12^2\})$	11796480
12	$\mathcal{O}(1; \{2, 4^{14}, 12^2\})$	9437184
12	$\mathcal{O}(1; \{2^{19}, 3, 6, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{15}, 3^4, 6, 12^2\})$	12096

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{11}, 3^7, 6, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^7, 3^{10}, 6, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^3, 3^{13}, 6, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{16}, 3, 4^2, 6, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4^2, 6, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^8, 3^7, 4^2, 6, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4^2, 6, 12^2\})$	3144960
12	$\mathcal{O}(1; \{3^{13}, 4^2, 6, 12^2\})$	25166592
12	$\mathcal{O}(1; \{2^{13}, 3, 4^4, 6, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^9, 3^4, 4^4, 6, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^7, 4^4, 6, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2, 3^{10}, 4^4, 6, 12^2\})$	12579840
12	$\mathcal{O}(1; \{2^{10}, 3, 4^6, 6, 12^2\})$	110592
12	$\mathcal{O}(1; \{2^6, 3^4, 4^6, 6, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^7, 4^6, 6, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^7, 3, 4^8, 6, 12^2\})$	442368
12	$\mathcal{O}(1; \{2^3, 3^4, 4^8, 6, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^4, 3, 4^{10}, 6, 12^2\})$	1769472
12	$\mathcal{O}(1; \{3^4, 4^{10}, 6, 12^2\})$	12386304
12	$\mathcal{O}(1; \{2, 3, 4^{12}, 6, 12^2\})$	7077888
12	$\mathcal{O}(1; \{2^{16}, 3^2, 6^2, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^{12}, 3^5, 6^2, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^8, 3^8, 6^2, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^4, 3^{11}, 6^2, 12^2\})$	3145536
12	$\mathcal{O}(1; \{3^{14}, 6^2, 12^2\})$	25166016
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^2, 6^2, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^9, 3^5, 4^2, 6^2, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^8, 4^2, 6^2, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2, 3^{11}, 4^2, 6^2, 12^2\})$	12582144
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^4, 6^2, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^6, 3^5, 4^4, 6^2, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^8, 4^4, 6^2, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^7, 3^2, 4^6, 6^2, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^5, 4^6, 6^2, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3^2, 4^8, 6^2, 12^2\})$	1622016
12	$\mathcal{O}(1; \{3^5, 4^8, 6^2, 12^2\})$	12533760
12	$\mathcal{O}(1; \{2, 3^2, 4^{10}, 6^2, 12^2\})$	6488064
12	$\mathcal{O}(1; \{2^{17}, 6^3, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{13}, 3^3, 6^3, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^9, 3^6, 6^3, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^5, 3^9, 6^3, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2, 3^{12}, 6^3, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^{14}, 4^2, 6^3, 12^2\})$	11520

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^2, 6^3, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^6, 4^2, 6^3, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^9, 4^2, 6^3, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^{11}, 4^4, 6^3, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^7, 3^3, 4^4, 6^3, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^6, 4^4, 6^3, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^8, 4^6, 6^3, 12^2\})$	184320
12	$\mathcal{O}(1; \{2^4, 3^3, 4^6, 6^3, 12^2\})$	1585152
12	$\mathcal{O}(1; \{3^6, 4^6, 6^3, 12^2\})$	12570624
12	$\mathcal{O}(1; \{2^5, 4^8, 6^3, 12^2\})$	737280
12	$\mathcal{O}(1; \{2, 3^3, 4^8, 6^3, 12^2\})$	6340608
12	$\mathcal{O}(1; \{2^2, 4^{10}, 6^3, 12^2\})$	2949120
12	$\mathcal{O}(1; \{2^{14}, 3, 6^4, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^{10}, 3^4, 6^4, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^6, 3^7, 6^4, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^2, 3^{10}, 6^4, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{11}, 3, 4^2, 6^4, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^4, 4^2, 6^4, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^7, 4^2, 6^4, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^8, 3, 4^4, 6^4, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^4, 4^4, 6^4, 12^2\})$	1575936
12	$\mathcal{O}(1; \{3^7, 4^4, 6^4, 12^2\})$	12579840
12	$\mathcal{O}(1; \{2^5, 3, 4^6, 6^4, 12^2\})$	774144
12	$\mathcal{O}(1; \{2, 3^4, 4^6, 6^4, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3, 4^8, 6^4, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^{11}, 3^2, 6^5, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^7, 3^5, 6^5, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^8, 6^5, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^8, 3^2, 4^2, 6^5, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^5, 4^2, 6^5, 12^2\})$	1573632
12	$\mathcal{O}(1; \{3^8, 4^2, 6^5, 12^2\})$	12582144
12	$\mathcal{O}(1; \{2^5, 3^2, 4^4, 6^5, 12^2\})$	783360
12	$\mathcal{O}(1; \{2, 3^5, 4^4, 6^5, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^2, 3^2, 4^6, 6^5, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^{12}, 6^6, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^8, 3^3, 6^6, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^6, 6^6, 12^2\})$	1573056
12	$\mathcal{O}(1; \{3^9, 6^6, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^9, 4^2, 6^6, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^3, 4^2, 6^6, 12^2\})$	785664
12	$\mathcal{O}(1; \{2, 3^6, 4^2, 6^6, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^6, 4^4, 6^6, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^3, 4^4, 6^6, 12^2\})$	3142656

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 4^6, 6^6, 12^2\})$	1585152
12	$\mathcal{O}(1; \{4^8, 6^6, 12^2\})$	6340608
12	$\mathcal{O}(1; \{2^9, 3, 6^7, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^4, 6^7, 12^2\})$	786240
12	$\mathcal{O}(1; \{2, 3^7, 6^7, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 6^7, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 6^7, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 6^7, 12^2\})$	1575936
12	$\mathcal{O}(1; \{3, 4^6, 6^7, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^6, 3^2, 6^8, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^5, 6^8, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6^8, 12^2\})$	1573632
12	$\mathcal{O}(1; \{3^2, 4^4, 6^8, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^7, 6^9, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^3, 6^9, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^4, 4^2, 6^9, 12^2\})$	785664
12	$\mathcal{O}(1; \{3^3, 4^2, 6^9, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2, 4^4, 6^9, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^4, 3, 6^{10}, 12^2\})$	786240
12	$\mathcal{O}(1; \{3^4, 6^{10}, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^{10}, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2, 3^2, 6^{11}, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^2, 6^{12}, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^{16}, 3^2, 4, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^{12}, 3^5, 4, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^8, 3^8, 4, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^4, 3^{11}, 4, 12^3\})$	6292224
12	$\mathcal{O}(1; \{3^{14}, 4, 12^3\})$	50330880
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^3, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^9, 3^5, 4^3, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^5, 3^8, 4^3, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2, 3^{11}, 4^3, 12^3\})$	25168896
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^5, 12^3\})$	184320
12	$\mathcal{O}(1; \{2^6, 3^5, 4^5, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^8, 4^5, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2^7, 3^2, 4^7, 12^3\})$	737280
12	$\mathcal{O}(1; \{2^3, 3^5, 4^7, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^4, 3^2, 4^9, 12^3\})$	2949120
12	$\mathcal{O}(1; \{3^5, 4^9, 12^3\})$	25362432
12	$\mathcal{O}(1; \{2, 3^2, 4^{11}, 12^3\})$	11796480
12	$\mathcal{O}(1; \{2^{17}, 4, 6, 12^3\})$	6912
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4, 6, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^9, 3^6, 4, 6, 12^3\})$	393984

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^5, 3^9, 4, 6, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2, 3^{12}, 4, 6, 12^3\})$	25166592
12	$\mathcal{O}(1; \{2^{14}, 4^3, 6, 12^3\})$	27648
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^3, 6, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^6, 3^6, 4^3, 6, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^9, 4^3, 6, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^{11}, 4^5, 6, 12^3\})$	110592
12	$\mathcal{O}(1; \{2^7, 3^3, 4^5, 6, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^6, 4^5, 6, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^8, 4^7, 6, 12^3\})$	442368
12	$\mathcal{O}(1; \{2^4, 3^3, 4^7, 6, 12^3\})$	3096576
12	$\mathcal{O}(1; \{3^6, 4^7, 6, 12^3\})$	25214976
12	$\mathcal{O}(1; \{2^5, 4^9, 6, 12^3\})$	1769472
12	$\mathcal{O}(1; \{2, 3^3, 4^9, 6, 12^3\})$	12386304
12	$\mathcal{O}(1; \{2^2, 4^{11}, 6, 12^3\})$	7077888
12	$\mathcal{O}(1; \{2^{14}, 3, 4, 6^2, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4, 6^2, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^6, 3^7, 4, 6^2, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4, 6^2, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^{11}, 3, 4^3, 6^2, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^7, 3^4, 4^3, 6^2, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^7, 4^3, 6^2, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^8, 3, 4^5, 6^2, 12^3\})$	405504
12	$\mathcal{O}(1; \{2^4, 3^4, 4^5, 6^2, 12^3\})$	3133440
12	$\mathcal{O}(1; \{3^7, 4^5, 6^2, 12^3\})$	25178112
12	$\mathcal{O}(1; \{2^5, 3, 4^7, 6^2, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2, 3^4, 4^7, 6^2, 12^3\})$	12533760
12	$\mathcal{O}(1; \{2^2, 3, 4^9, 6^2, 12^3\})$	6488064
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4, 6^3, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^7, 3^5, 4, 6^3, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^8, 4, 6^3, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^8, 3^2, 4^3, 6^3, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^5, 4^3, 6^3, 12^3\})$	3142656
12	$\mathcal{O}(1; \{3^8, 4^3, 6^3, 12^3\})$	25168896
12	$\mathcal{O}(1; \{2^5, 3^2, 4^5, 6^3, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2, 3^5, 4^5, 6^3, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3^2, 4^7, 6^3, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^{12}, 4, 6^4, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^8, 3^3, 4, 6^4, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^6, 4, 6^4, 12^3\})$	3144960
12	$\mathcal{O}(1; \{3^9, 4, 6^4, 12^3\})$	25166592
12	$\mathcal{O}(1; \{2^9, 4^3, 6^4, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^3, 4^3, 6^4, 12^3\})$	1575936

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^6, 4^3, 6^4, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^6, 4^5, 6^4, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^3, 4^5, 6^4, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^3, 4^7, 6^4, 12^3\})$	3096576
12	$\mathcal{O}(1; \{4^9, 6^4, 12^3\})$	12386304
12	$\mathcal{O}(1; \{2^9, 3, 4, 6^5, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^4, 4, 6^5, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2, 3^7, 4, 6^5, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^6, 3, 4^3, 6^5, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^4, 4^3, 6^5, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^3, 3, 4^5, 6^5, 12^3\})$	3133440
12	$\mathcal{O}(1; \{3, 4^7, 6^5, 12^3\})$	12533760
12	$\mathcal{O}(1; \{2^6, 3^2, 4, 6^6, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^5, 4, 6^6, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^3, 3^2, 4^3, 6^6, 12^3\})$	3142656
12	$\mathcal{O}(1; \{3^2, 4^5, 6^6, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2^7, 4, 6^7, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^3, 4, 6^7, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^4, 4^3, 6^7, 12^3\})$	1575936
12	$\mathcal{O}(1; \{3^3, 4^3, 6^7, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2, 4^5, 6^7, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^4, 3, 4, 6^8, 12^3\})$	1573632
12	$\mathcal{O}(1; \{3^4, 4, 6^8, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2, 3, 4^3, 6^8, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2, 3^2, 4, 6^9, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^2, 4, 6^{10}, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^{17}, 3, 12^4\})$	11520
12	$\mathcal{O}(1; \{2^{13}, 3^4, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^9, 3^7, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^5, 3^{10}, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2, 3^{13}, 12^4\})$	50330880
12	$\mathcal{O}(1; \{2^{14}, 3, 4^2, 12^4\})$	46080
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^2, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^6, 3^7, 4^2, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^2, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2^{11}, 3, 4^4, 12^4\})$	184320
12	$\mathcal{O}(1; \{2^7, 3^4, 4^4, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^7, 4^4, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^8, 3, 4^6, 12^4\})$	737280
12	$\mathcal{O}(1; \{2^4, 3^4, 4^6, 12^4\})$	6340608
12	$\mathcal{O}(1; \{3^7, 4^6, 12^4\})$	50282496
12	$\mathcal{O}(1; \{2^5, 3, 4^8, 12^4\})$	2949120
12	$\mathcal{O}(1; \{2, 3^4, 4^8, 12^4\})$	25362432

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3, 4^{10}, 12^4\})$	11796480
12	$\mathcal{O}(1; \{2^{14}, 3^2, 6, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^{10}, 3^5, 6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^6, 3^8, 6, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^2, 3^{11}, 6, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^2, 6, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^7, 3^5, 4^2, 6, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^8, 4^2, 6, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^8, 3^2, 4^4, 6, 12^4\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^5, 4^4, 6, 12^4\})$	6303744
12	$\mathcal{O}(1; \{3^8, 4^4, 6, 12^4\})$	50319360
12	$\mathcal{O}(1; \{2^5, 3^2, 4^6, 6, 12^4\})$	3096576
12	$\mathcal{O}(1; \{2, 3^5, 4^6, 6, 12^4\})$	25214976
12	$\mathcal{O}(1; \{2^2, 3^2, 4^8, 6, 12^4\})$	12386304
12	$\mathcal{O}(1; \{2^{15}, 6^2, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^{11}, 3^3, 6^2, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^7, 3^6, 6^2, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^3, 3^9, 6^2, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^{12}, 4^2, 6^2, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^8, 3^3, 4^2, 6^2, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^6, 4^2, 6^2, 12^4\})$	6294528
12	$\mathcal{O}(1; \{3^9, 4^2, 6^2, 12^4\})$	50328576
12	$\mathcal{O}(1; \{2^9, 4^4, 6^2, 12^4\})$	405504
12	$\mathcal{O}(1; \{2^5, 3^3, 4^4, 6^2, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2, 3^6, 4^4, 6^2, 12^4\})$	25178112
12	$\mathcal{O}(1; \{2^6, 4^6, 6^2, 12^4\})$	1622016
12	$\mathcal{O}(1; \{2^2, 3^3, 4^6, 6^2, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2^3, 4^8, 6^2, 12^4\})$	6488064
12	$\mathcal{O}(1; \{4^{10}, 6^2, 12^4\})$	25952256
12	$\mathcal{O}(1; \{2^{12}, 3, 6^3, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^8, 3^4, 6^3, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^4, 3^7, 6^3, 12^4\})$	6292224
12	$\mathcal{O}(1; \{3^{10}, 6^3, 12^4\})$	50330880
12	$\mathcal{O}(1; \{2^9, 3, 4^2, 6^3, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^5, 3^4, 4^2, 6^3, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2, 3^7, 4^2, 6^3, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2^6, 3, 4^4, 6^3, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^4, 4^4, 6^3, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^3, 3, 4^6, 6^3, 12^4\})$	6340608
12	$\mathcal{O}(1; \{3, 4^8, 6^3, 12^4\})$	25362432
12	$\mathcal{O}(1; \{2^9, 3^2, 6^4, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^5, 3^5, 6^4, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2, 3^8, 6^4, 12^4\})$	25166592

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^6, 3^2, 4^2, 6^4, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^5, 4^2, 6^4, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^3, 3^2, 4^4, 6^4, 12^4\})$	6303744
12	$\mathcal{O}(1; \{3^2, 4^6, 6^4, 12^4\})$	25214976
12	$\mathcal{O}(1; \{2^{10}, 6^5, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^6, 3^3, 6^5, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^6, 6^5, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^7, 4^2, 6^5, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 6^5, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^4, 4^4, 6^5, 12^4\})$	3133440
12	$\mathcal{O}(1; \{3^3, 4^4, 6^5, 12^4\})$	25178112
12	$\mathcal{O}(1; \{2, 4^6, 6^5, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2^7, 3, 6^6, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^4, 6^6, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 6^6, 12^4\})$	3142656
12	$\mathcal{O}(1; \{3^4, 4^2, 6^6, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2, 3, 4^4, 6^6, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^4, 3^2, 6^7, 12^4\})$	3144960
12	$\mathcal{O}(1; \{3^5, 6^7, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^7, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^5, 6^8, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2, 3^3, 6^8, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^2, 4^2, 6^8, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^2, 3, 6^9, 12^4\})$	6292224
12	$\mathcal{O}(1; \{6^{11}, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^{15}, 4, 12^5\})$	46080
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^7, 3^6, 4, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3^9, 4, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^{12}, 4^3, 12^5\})$	184320
12	$\mathcal{O}(1; \{2^8, 3^3, 4^3, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3^6, 4^3, 12^5\})$	12570624
12	$\mathcal{O}(1; \{3^9, 4^3, 12^5\})$	100675584
12	$\mathcal{O}(1; \{2^9, 4^5, 12^5\})$	737280
12	$\mathcal{O}(1; \{2^5, 3^3, 4^5, 12^5\})$	6340608
12	$\mathcal{O}(1; \{2, 3^6, 4^5, 12^5\})$	50282496
12	$\mathcal{O}(1; \{2^6, 4^7, 12^5\})$	2949120
12	$\mathcal{O}(1; \{2^2, 3^3, 4^7, 12^5\})$	25362432
12	$\mathcal{O}(1; \{2^3, 4^9, 12^5\})$	11796480
12	$\mathcal{O}(1; \{4^{11}, 12^5\})$	47185920
12	$\mathcal{O}(1; \{2^{12}, 3, 4, 6, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^8, 3^4, 4, 6, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3^7, 4, 6, 12^5\})$	12579840

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^{10}, 4, 6, 12^5\})$	100666368
12	$\mathcal{O}(1; \{2^9, 3, 4^3, 6, 12^5\})$	774144
12	$\mathcal{O}(1; \{2^5, 3^4, 4^3, 6, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2, 3^7, 4^3, 6, 12^5\})$	50319360
12	$\mathcal{O}(1; \{2^6, 3, 4^5, 6, 12^5\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3^4, 4^5, 6, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2^3, 3, 4^7, 6, 12^5\})$	12386304
12	$\mathcal{O}(1; \{3, 4^9, 6, 12^5\})$	49545216
12	$\mathcal{O}(1; \{2^9, 3^2, 4, 6^2, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^5, 3^5, 4, 6^2, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2, 3^8, 4, 6^2, 12^5\})$	50328576
12	$\mathcal{O}(1; \{2^6, 3^2, 4^3, 6^2, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^5, 4^3, 6^2, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2^3, 3^2, 4^5, 6^2, 12^5\})$	12533760
12	$\mathcal{O}(1; \{3^2, 4^7, 6^2, 12^5\})$	50135040
12	$\mathcal{O}(1; \{2^{10}, 4, 6^3, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^6, 3^3, 4, 6^3, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^6, 4, 6^3, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^7, 4^3, 6^3, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^3, 4^3, 6^3, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^4, 4^5, 6^3, 12^5\})$	6340608
12	$\mathcal{O}(1; \{3^3, 4^5, 6^3, 12^5\})$	50282496
12	$\mathcal{O}(1; \{2, 4^7, 6^3, 12^5\})$	25362432
12	$\mathcal{O}(1; \{2^7, 3, 4, 6^4, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^4, 4, 6^4, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^4, 3, 4^3, 6^4, 12^5\})$	6303744
12	$\mathcal{O}(1; \{3^4, 4^3, 6^4, 12^5\})$	50319360
12	$\mathcal{O}(1; \{2, 3, 4^5, 6^4, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 6^5, 12^5\})$	6294528
12	$\mathcal{O}(1; \{3^5, 4, 6^5, 12^5\})$	50328576
12	$\mathcal{O}(1; \{2, 3^2, 4^3, 6^5, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2^5, 4, 6^6, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2, 3^3, 4, 6^6, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^2, 4^3, 6^6, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3, 4, 6^7, 12^5\})$	12579840
12	$\mathcal{O}(1; \{4, 6^9, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^{12}, 3^2, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^8, 3^5, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^4, 3^8, 12^6\})$	25168896
12	$\mathcal{O}(1; \{3^{11}, 12^6\})$	201323520
12	$\mathcal{O}(1; \{2^9, 3^2, 4^2, 12^6\})$	1585152
12	$\mathcal{O}(1; \{2^5, 3^5, 4^2, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2, 3^8, 4^2, 12^6\})$	100675584

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^6, 3^2, 4^4, 12^6\})$	6340608
12	$\mathcal{O}(1; \{2^2, 3^5, 4^4, 12^6\})$	50282496
12	$\mathcal{O}(1; \{2^3, 3^2, 4^6, 12^6\})$	25362432
12	$\mathcal{O}(1; \{3^2, 4^8, 12^6\})$	101449728
12	$\mathcal{O}(1; \{2^{13}, 6, 12^6\})$	193536
12	$\mathcal{O}(1; \{2^9, 3^3, 6, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3^6, 6, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2, 3^9, 6, 12^6\})$	100666368
12	$\mathcal{O}(1; \{2^{10}, 4^2, 6, 12^6\})$	774144
12	$\mathcal{O}(1; \{2^6, 3^3, 4^2, 6, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^6, 4^2, 6, 12^6\})$	50319360
12	$\mathcal{O}(1; \{2^7, 4^4, 6, 12^6\})$	3096576
12	$\mathcal{O}(1; \{2^3, 3^3, 4^4, 6, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2^4, 4^6, 6, 12^6\})$	12386304
12	$\mathcal{O}(1; \{3^3, 4^6, 6, 12^6\})$	100859904
12	$\mathcal{O}(1; \{2, 4^8, 6, 12^6\})$	49545216
12	$\mathcal{O}(1; \{2^{10}, 3, 6^2, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^6, 3^4, 6^2, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^2, 3^7, 6^2, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^7, 3, 4^2, 6^2, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3^4, 4^2, 6^2, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2^4, 3, 4^4, 6^2, 12^6\})$	12533760
12	$\mathcal{O}(1; \{3^4, 4^4, 6^2, 12^6\})$	100712448
12	$\mathcal{O}(1; \{2, 3, 4^6, 6^2, 12^6\})$	50135040
12	$\mathcal{O}(1; \{2^7, 3^2, 6^3, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3^5, 6^3, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 6^3, 12^6\})$	12570624
12	$\mathcal{O}(1; \{3^5, 4^2, 6^3, 12^6\})$	100675584
12	$\mathcal{O}(1; \{2, 3^2, 4^4, 6^3, 12^6\})$	50282496
12	$\mathcal{O}(1; \{2^8, 6^4, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3^3, 6^4, 12^6\})$	12579840
12	$\mathcal{O}(1; \{3^6, 6^4, 12^6\})$	100666368
12	$\mathcal{O}(1; \{2^5, 4^2, 6^4, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 6^4, 12^6\})$	50319360
12	$\mathcal{O}(1; \{2^2, 4^4, 6^4, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2^5, 3, 6^5, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2, 3^4, 6^5, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^5, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2^2, 3^2, 6^6, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^3, 6^7, 12^6\})$	12579840
12	$\mathcal{O}(1; \{4^2, 6^7, 12^6\})$	50319360
12	$\mathcal{O}(1; \{3, 6^8, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^{10}, 3, 4, 12^7\})$	1585152

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^6, 3^4, 4, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3^7, 4, 12^7\})$	100675584
12	$\mathcal{O}(1; \{2^7, 3, 4^3, 12^7\})$	6340608
12	$\mathcal{O}(1; \{2^3, 3^4, 4^3, 12^7\})$	50282496
12	$\mathcal{O}(1; \{2^4, 3, 4^5, 12^7\})$	25362432
12	$\mathcal{O}(1; \{3^4, 4^5, 12^7\})$	201129984
12	$\mathcal{O}(1; \{2, 3, 4^7, 12^7\})$	101449728
12	$\mathcal{O}(1; \{2^7, 3^2, 4, 6, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3^5, 4, 6, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^4, 3^2, 4^3, 6, 12^7\})$	25214976
12	$\mathcal{O}(1; \{3^5, 4^3, 6, 12^7\})$	201277440
12	$\mathcal{O}(1; \{2, 3^2, 4^5, 6, 12^7\})$	100859904
12	$\mathcal{O}(1; \{2^8, 4, 6^2, 12^7\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3^3, 4, 6^2, 12^7\})$	25178112
12	$\mathcal{O}(1; \{3^6, 4, 6^2, 12^7\})$	201314304
12	$\mathcal{O}(1; \{2^5, 4^3, 6^2, 12^7\})$	12533760
12	$\mathcal{O}(1; \{2, 3^3, 4^3, 6^2, 12^7\})$	100712448
12	$\mathcal{O}(1; \{2^2, 4^5, 6^2, 12^7\})$	50135040
12	$\mathcal{O}(1; \{2^5, 3, 4, 6^3, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2, 3^4, 4, 6^3, 12^7\})$	100675584
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 6^3, 12^7\})$	50282496
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^4, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^3, 4, 6^5, 12^7\})$	25178112
12	$\mathcal{O}(1; \{4^3, 6^5, 12^7\})$	100712448
12	$\mathcal{O}(1; \{3, 4, 6^6, 12^7\})$	100675584
12	$\mathcal{O}(1; \{2^{11}, 12^8\})$	1585152
12	$\mathcal{O}(1; \{2^7, 3^3, 12^8\})$	12570624
12	$\mathcal{O}(1; \{2^3, 3^6, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^8, 4^2, 12^8\})$	6340608
12	$\mathcal{O}(1; \{2^4, 3^3, 4^2, 12^8\})$	50282496
12	$\mathcal{O}(1; \{3^6, 4^2, 12^8\})$	402702336
12	$\mathcal{O}(1; \{2^5, 4^4, 12^8\})$	25362432
12	$\mathcal{O}(1; \{2, 3^3, 4^4, 12^8\})$	201129984
12	$\mathcal{O}(1; \{2^2, 4^6, 12^8\})$	101449728
12	$\mathcal{O}(1; \{2^8, 3, 6, 12^8\})$	6303744
12	$\mathcal{O}(1; \{2^4, 3^4, 6, 12^8\})$	50319360
12	$\mathcal{O}(1; \{3^7, 6, 12^8\})$	402665472
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 6, 12^8\})$	25214976
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 6, 12^8\})$	201277440
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 6, 12^8\})$	100859904
12	$\mathcal{O}(1; \{2^5, 3^2, 6^2, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2, 3^5, 6^2, 12^8\})$	201314304
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^2, 12^8\})$	100712448

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^6, 6^3, 12^8\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3^3, 6^3, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^3, 4^2, 6^3, 12^8\})$	50282496
12	$\mathcal{O}(1; \{4^4, 6^3, 12^8\})$	201129984
12	$\mathcal{O}(1; \{2^3, 3, 6^4, 12^8\})$	50319360
12	$\mathcal{O}(1; \{3, 4^2, 6^4, 12^8\})$	201277440
12	$\mathcal{O}(1; \{3^2, 6^5, 12^8\})$	201314304
12	$\mathcal{O}(1; \{2, 6^6, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^5, 3^2, 4, 12^9\})$	50282496
12	$\mathcal{O}(1; \{2, 3^5, 4, 12^9\})$	402702336
12	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 12^9\})$	201129984
12	$\mathcal{O}(1; \{2^6, 4, 6, 12^9\})$	25214976
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 6, 12^9\})$	201277440
12	$\mathcal{O}(1; \{2^3, 4^3, 6, 12^9\})$	100859904
12	$\mathcal{O}(1; \{4^5, 6, 12^9\})$	403439616
12	$\mathcal{O}(1; \{2^3, 3, 4, 6^2, 12^9\})$	100712448
12	$\mathcal{O}(1; \{3, 4^3, 6^2, 12^9\})$	402849792
12	$\mathcal{O}(1; \{3^2, 4, 6^3, 12^9\})$	402702336
12	$\mathcal{O}(1; \{2, 4, 6^4, 12^9\})$	201277440
12	$\mathcal{O}(1; \{2^6, 3, 12^{10}\})$	50282496
12	$\mathcal{O}(1; \{2^2, 3^4, 12^{10}\})$	402702336
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 12^{10}\})$	201129984
12	$\mathcal{O}(1; \{3, 4^4, 12^{10}\})$	804519936
12	$\mathcal{O}(1; \{2^3, 3^2, 6, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{3^2, 4^2, 6, 12^{10}\})$	805109760
12	$\mathcal{O}(1; \{2^4, 6^2, 12^{10}\})$	100712448
12	$\mathcal{O}(1; \{3^3, 6^2, 12^{10}\})$	805257216
12	$\mathcal{O}(1; \{2, 4^2, 6^2, 12^{10}\})$	402849792
12	$\mathcal{O}(1; \{2, 3, 6^3, 12^{10}\})$	402702336
12	$\mathcal{O}(1; \{2^4, 4, 12^{11}\})$	201129984
12	$\mathcal{O}(1; \{3^3, 4, 12^{11}\})$	1610809344
12	$\mathcal{O}(1; \{2, 4^3, 12^{11}\})$	804519936
12	$\mathcal{O}(1; \{2, 3, 4, 6, 12^{11}\})$	805109760
12	$\mathcal{O}(1; \{2, 3^2, 12^{12}\})$	1610809344
12	$\mathcal{O}(1; \{2^2, 6, 12^{12}\})$	805109760
12	$\mathcal{O}(1; \{12^{14}\})$	6443237376
12	$\mathcal{O}(0; \{2^{24}, 3^2, 4^2\})$	4
12	$\mathcal{O}(0; \{2^{20}, 3^5, 4^2\})$	20
12	$\mathcal{O}(0; \{2^{16}, 3^8, 4^2\})$	172
12	$\mathcal{O}(0; \{2^{12}, 3^{11}, 4^2\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^{14}, 4^2\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^{17}, 4^2\})$	87380
12	$\mathcal{O}(0; \{3^{20}, 4^2\})$	699052

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{21}, 3^2, 4^4\})$	16
12	$\mathcal{O}(0; \{2^{17}, 3^5, 4^4\})$	80
12	$\mathcal{O}(0; \{2^{13}, 3^8, 4^4\})$	688
12	$\mathcal{O}(0; \{2^9, 3^{11}, 4^4\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^{14}, 4^4\})$	43696
12	$\mathcal{O}(0; \{2, 3^{17}, 4^4\})$	349520
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4^6\})$	64
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4^6\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4^6\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4^6\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4^6\})$	174784
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^8\})$	256
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^8\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^8, 4^8\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^8\})$	87296
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^{10}\})$	1024
12	$\mathcal{O}(0; \{2^8, 3^5, 4^{10}\})$	5120
12	$\mathcal{O}(0; \{2^4, 3^8, 4^{10}\})$	44032
12	$\mathcal{O}(0; \{3^{11}, 4^{10}\})$	349184
12	$\mathcal{O}(0; \{2^9, 3^2, 4^{12}\})$	4096
12	$\mathcal{O}(0; \{2^5, 3^5, 4^{12}\})$	20480
12	$\mathcal{O}(0; \{2, 3^8, 4^{12}\})$	176128
12	$\mathcal{O}(0; \{2^6, 3^2, 4^{14}\})$	16384
12	$\mathcal{O}(0; \{2^2, 3^5, 4^{14}\})$	81920
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{16}\})$	65536
12	$\mathcal{O}(0; \{3^2, 4^{18}\})$	262144
12	$\mathcal{O}(0; \{2^{21}, 3^3, 4^2, 6\})$	12
12	$\mathcal{O}(0; \{2^{17}, 3^6, 4^2, 6\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^9, 4^2, 6\})$	684
12	$\mathcal{O}(0; \{2^9, 3^{12}, 4^2, 6\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^{15}, 4^2, 6\})$	43692
12	$\mathcal{O}(0; \{2, 3^{18}, 4^2, 6\})$	349524
12	$\mathcal{O}(0; \{2^{18}, 3^3, 4^4, 6\})$	48
12	$\mathcal{O}(0; \{2^{14}, 3^6, 4^4, 6\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^9, 4^4, 6\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^{12}, 4^4, 6\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{15}, 4^4, 6\})$	174768
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^6, 6\})$	192
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^6, 6\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^9, 4^6, 6\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^6, 6\})$	87360
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^8, 6\})$	768
12	$\mathcal{O}(0; \{2^8, 3^6, 4^8, 6\})$	5376

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^9, 4^8, 6\})$	43776
12	$\mathcal{O}(0; \{3^{12}, 4^8, 6\})$	349440
12	$\mathcal{O}(0; \{2^9, 3^3, 4^{10}, 6\})$	3072
12	$\mathcal{O}(0; \{2^5, 3^6, 4^{10}, 6\})$	21504
12	$\mathcal{O}(0; \{2, 3^9, 4^{10}, 6\})$	175104
12	$\mathcal{O}(0; \{2^6, 3^3, 4^{12}, 6\})$	12288
12	$\mathcal{O}(0; \{2^2, 3^6, 4^{12}, 6\})$	86016
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{14}, 6\})$	49152
12	$\mathcal{O}(0; \{3^3, 4^{16}, 6\})$	196608
12	$\mathcal{O}(0; \{2^{22}, 3, 4^2, 6^2\})$	4
12	$\mathcal{O}(0; \{2^{18}, 3^4, 4^2, 6^2\})$	44
12	$\mathcal{O}(0; \{2^{14}, 3^7, 4^2, 6^2\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^{10}, 4^2, 6^2\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^{13}, 4^2, 6^2\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{16}, 4^2, 6^2\})$	174764
12	$\mathcal{O}(0; \{2^{19}, 3, 4^4, 6^2\})$	16
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^4, 6^2\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^4, 6^2\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^4, 6^2\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^4, 6^2\})$	87376
12	$\mathcal{O}(0; \{2^{16}, 3, 4^6, 6^2\})$	64
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^6, 6^2\})$	704
12	$\mathcal{O}(0; \{2^8, 3^7, 4^6, 6^2\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^6, 6^2\})$	43712
12	$\mathcal{O}(0; \{3^{13}, 4^6, 6^2\})$	349504
12	$\mathcal{O}(0; \{2^{13}, 3, 4^8, 6^2\})$	256
12	$\mathcal{O}(0; \{2^9, 3^4, 4^8, 6^2\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^7, 4^8, 6^2\})$	21760
12	$\mathcal{O}(0; \{2, 3^{10}, 4^8, 6^2\})$	174848
12	$\mathcal{O}(0; \{2^{10}, 3, 4^{10}, 6^2\})$	1024
12	$\mathcal{O}(0; \{2^6, 3^4, 4^{10}, 6^2\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^7, 4^{10}, 6^2\})$	87040
12	$\mathcal{O}(0; \{2^7, 3, 4^{12}, 6^2\})$	4096
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{12}, 6^2\})$	45056
12	$\mathcal{O}(0; \{2^4, 3, 4^{14}, 6^2\})$	16384
12	$\mathcal{O}(0; \{3^4, 4^{14}, 6^2\})$	180224
12	$\mathcal{O}(0; \{2, 3, 4^{16}, 6^2\})$	65536
12	$\mathcal{O}(0; \{2^{19}, 3^2, 4^2, 6^3\})$	20
12	$\mathcal{O}(0; \{2^{15}, 3^5, 4^2, 6^3\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^8, 4^2, 6^3\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^{11}, 4^2, 6^3\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{14}, 4^2, 6^3\})$	87380
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^4, 6^3\})$	80

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^4, 6^3\})$	688
12	$\mathcal{O}(0; \{2^8, 3^8, 4^4, 6^3\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^4, 6^3\})$	43696
12	$\mathcal{O}(0; \{3^{14}, 4^4, 6^3\})$	349520
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^6, 6^3\})$	320
12	$\mathcal{O}(0; \{2^9, 3^5, 4^6, 6^3\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^8, 4^6, 6^3\})$	21824
12	$\mathcal{O}(0; \{2, 3^{11}, 4^6, 6^3\})$	174784
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^8, 6^3\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^5, 4^8, 6^3\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^8, 4^8, 6^3\})$	87296
12	$\mathcal{O}(0; \{2^7, 3^2, 4^{10}, 6^3\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^5, 4^{10}, 6^3\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{12}, 6^3\})$	20480
12	$\mathcal{O}(0; \{3^5, 4^{12}, 6^3\})$	176128
12	$\mathcal{O}(0; \{2, 3^2, 4^{14}, 6^3\})$	81920
12	$\mathcal{O}(0; \{2^{20}, 4^2, 6^4\})$	12
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^2, 6^4\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^2, 6^4\})$	684
12	$\mathcal{O}(0; \{2^8, 3^9, 4^2, 6^4\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^2, 6^4\})$	43692
12	$\mathcal{O}(0; \{3^{15}, 4^2, 6^4\})$	349524
12	$\mathcal{O}(0; \{2^{17}, 4^4, 6^4\})$	48
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^4, 6^4\})$	336
12	$\mathcal{O}(0; \{2^9, 3^6, 4^4, 6^4\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^9, 4^4, 6^4\})$	21840
12	$\mathcal{O}(0; \{2, 3^{12}, 4^4, 6^4\})$	174768
12	$\mathcal{O}(0; \{2^{14}, 4^6, 6^4\})$	192
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^6, 6^4\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^6, 4^6, 6^4\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^9, 4^6, 6^4\})$	87360
12	$\mathcal{O}(0; \{2^{11}, 4^8, 6^4\})$	768
12	$\mathcal{O}(0; \{2^7, 3^3, 4^8, 6^4\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^6, 4^8, 6^4\})$	43776
12	$\mathcal{O}(0; \{2^8, 4^{10}, 6^4\})$	3072
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{10}, 6^4\})$	21504
12	$\mathcal{O}(0; \{3^6, 4^{10}, 6^4\})$	175104
12	$\mathcal{O}(0; \{2^5, 4^{12}, 6^4\})$	12288
12	$\mathcal{O}(0; \{2, 3^3, 4^{12}, 6^4\})$	86016
12	$\mathcal{O}(0; \{2^2, 4^{14}, 6^4\})$	49152
12	$\mathcal{O}(0; \{2^{17}, 3, 4^2, 6^5\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^2, 6^5\})$	340
12	$\mathcal{O}(0; \{2^9, 3^7, 4^2, 6^5\})$	2732

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^2, 6^5\})$	21844
12	$\mathcal{O}(0; \{2, 3^{13}, 4^2, 6^5\})$	174764
12	$\mathcal{O}(0; \{2^{14}, 3, 4^4, 6^5\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^4, 6^5\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^7, 4^4, 6^5\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^4, 6^5\})$	87376
12	$\mathcal{O}(0; \{2^{11}, 3, 4^6, 6^5\})$	704
12	$\mathcal{O}(0; \{2^7, 3^4, 4^6, 6^5\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^7, 4^6, 6^5\})$	43712
12	$\mathcal{O}(0; \{2^8, 3, 4^8, 6^5\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^4, 4^8, 6^5\})$	21760
12	$\mathcal{O}(0; \{3^7, 4^8, 6^5\})$	174848
12	$\mathcal{O}(0; \{2^5, 3, 4^{10}, 6^5\})$	11264
12	$\mathcal{O}(0; \{2, 3^4, 4^{10}, 6^5\})$	87040
12	$\mathcal{O}(0; \{2^2, 3, 4^{12}, 6^5\})$	45056
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^2, 6^6\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^2, 6^6\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^8, 4^2, 6^6\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^2, 6^6\})$	87380
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^4, 6^6\})$	688
12	$\mathcal{O}(0; \{2^7, 3^5, 4^4, 6^6\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^8, 4^4, 6^6\})$	43696
12	$\mathcal{O}(0; \{2^8, 3^2, 4^6, 6^6\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^5, 4^6, 6^6\})$	21824
12	$\mathcal{O}(0; \{3^8, 4^6, 6^6\})$	174784
12	$\mathcal{O}(0; \{2^5, 3^2, 4^8, 6^6\})$	11008
12	$\mathcal{O}(0; \{2, 3^5, 4^8, 6^6\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{10}, 6^6\})$	44032
12	$\mathcal{O}(0; \{2^{15}, 4^2, 6^7\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^2, 6^7\})$	684
12	$\mathcal{O}(0; \{2^7, 3^6, 4^2, 6^7\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^9, 4^2, 6^7\})$	43692
12	$\mathcal{O}(0; \{2^{12}, 4^4, 6^7\})$	336
12	$\mathcal{O}(0; \{2^8, 3^3, 4^4, 6^7\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^6, 4^4, 6^7\})$	21840
12	$\mathcal{O}(0; \{3^9, 4^4, 6^7\})$	174768
12	$\mathcal{O}(0; \{2^9, 4^6, 6^7\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^3, 4^6, 6^7\})$	10944
12	$\mathcal{O}(0; \{2, 3^6, 4^6, 6^7\})$	87360
12	$\mathcal{O}(0; \{2^6, 4^8, 6^7\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^3, 4^8, 6^7\})$	43776
12	$\mathcal{O}(0; \{2^3, 4^{10}, 6^7\})$	21504
12	$\mathcal{O}(0; \{4^{12}, 6^7\})$	86016

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{12}, 3, 4^2, 6^8\})$	340
12	$\mathcal{O}(0; \{2^8, 3^4, 4^2, 6^8\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^7, 4^2, 6^8\})$	21844
12	$\mathcal{O}(0; \{3^{10}, 4^2, 6^8\})$	174764
12	$\mathcal{O}(0; \{2^9, 3, 4^4, 6^8\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^4, 4^4, 6^8\})$	10928
12	$\mathcal{O}(0; \{2, 3^7, 4^4, 6^8\})$	87376
12	$\mathcal{O}(0; \{2^6, 3, 4^6, 6^8\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^4, 4^6, 6^8\})$	43712
12	$\mathcal{O}(0; \{2^3, 3, 4^8, 6^8\})$	21760
12	$\mathcal{O}(0; \{3, 4^{10}, 6^8\})$	87040
12	$\mathcal{O}(0; \{2^9, 3^2, 4^2, 6^9\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^5, 4^2, 6^9\})$	10924
12	$\mathcal{O}(0; \{2, 3^8, 4^2, 6^9\})$	87380
12	$\mathcal{O}(0; \{2^6, 3^2, 4^4, 6^9\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^5, 4^4, 6^9\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^2, 4^6, 6^9\})$	21824
12	$\mathcal{O}(0; \{3^2, 4^8, 6^9\})$	87296
12	$\mathcal{O}(0; \{2^{10}, 4^2, 6^{10}\})$	684
12	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 6^{10}\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 6^{10}\})$	43692
12	$\mathcal{O}(0; \{2^7, 4^4, 6^{10}\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 6^{10}\})$	21840
12	$\mathcal{O}(0; \{2^4, 4^6, 6^{10}\})$	10944
12	$\mathcal{O}(0; \{3^3, 4^6, 6^{10}\})$	87360
12	$\mathcal{O}(0; \{2, 4^8, 6^{10}\})$	43776
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 6^{11}\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6^{11}\})$	21844
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 6^{11}\})$	10928
12	$\mathcal{O}(0; \{3^4, 4^4, 6^{11}\})$	87376
12	$\mathcal{O}(0; \{2, 3, 4^6, 6^{11}\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^{12}\})$	10924
12	$\mathcal{O}(0; \{3^5, 4^2, 6^{12}\})$	87380
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^{12}\})$	43696
12	$\mathcal{O}(0; \{2^5, 4^2, 6^{13}\})$	5460
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^{13}\})$	43692
12	$\mathcal{O}(0; \{2^2, 4^4, 6^{13}\})$	21840
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^{14}\})$	21844
12	$\mathcal{O}(0; \{4^2, 6^{16}\})$	43692
12	$\mathcal{O}(0; \{2^{25}, 3, 4, 12\})$	4
12	$\mathcal{O}(0; \{2^{21}, 3^4, 4, 12\})$	20
12	$\mathcal{O}(0; \{2^{17}, 3^7, 4, 12\})$	172
12	$\mathcal{O}(0; \{2^{13}, 3^{10}, 4, 12\})$	1364

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^9, 3^{13}, 4, 12\})$	10924
12	$\mathcal{O}(0; \{2^5, 3^{16}, 4, 12\})$	87380
12	$\mathcal{O}(0; \{2, 3^{19}, 4, 12\})$	699052
12	$\mathcal{O}(0; \{2^{22}, 3, 4^3, 12\})$	16
12	$\mathcal{O}(0; \{2^{18}, 3^4, 4^3, 12\})$	80
12	$\mathcal{O}(0; \{2^{14}, 3^7, 4^3, 12\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^{10}, 4^3, 12\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^{13}, 4^3, 12\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{16}, 4^3, 12\})$	349520
12	$\mathcal{O}(0; \{2^{19}, 3, 4^5, 12\})$	64
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^5, 12\})$	320
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^5, 12\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^5, 12\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^5, 12\})$	174784
12	$\mathcal{O}(0; \{2^{16}, 3, 4^7, 12\})$	256
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^7, 12\})$	1280
12	$\mathcal{O}(0; \{2^8, 3^7, 4^7, 12\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^7, 12\})$	87296
12	$\mathcal{O}(0; \{3^{13}, 4^7, 12\})$	699136
12	$\mathcal{O}(0; \{2^{13}, 3, 4^9, 12\})$	1024
12	$\mathcal{O}(0; \{2^9, 3^4, 4^9, 12\})$	5120
12	$\mathcal{O}(0; \{2^5, 3^7, 4^9, 12\})$	44032
12	$\mathcal{O}(0; \{2, 3^{10}, 4^9, 12\})$	349184
12	$\mathcal{O}(0; \{2^{10}, 3, 4^{11}, 12\})$	4096
12	$\mathcal{O}(0; \{2^6, 3^4, 4^{11}, 12\})$	20480
12	$\mathcal{O}(0; \{2^2, 3^7, 4^{11}, 12\})$	176128
12	$\mathcal{O}(0; \{2^7, 3, 4^{13}, 12\})$	16384
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{13}, 12\})$	81920
12	$\mathcal{O}(0; \{2^4, 3, 4^{15}, 12\})$	65536
12	$\mathcal{O}(0; \{3^4, 4^{15}, 12\})$	327680
12	$\mathcal{O}(0; \{2, 3, 4^{17}, 12\})$	262144
12	$\mathcal{O}(0; \{2^{22}, 3^2, 4, 6, 12\})$	12
12	$\mathcal{O}(0; \{2^{18}, 3^5, 4, 6, 12\})$	84
12	$\mathcal{O}(0; \{2^{14}, 3^8, 4, 6, 12\})$	684
12	$\mathcal{O}(0; \{2^{10}, 3^{11}, 4, 6, 12\})$	5460
12	$\mathcal{O}(0; \{2^6, 3^{14}, 4, 6, 12\})$	43692
12	$\mathcal{O}(0; \{2^2, 3^{17}, 4, 6, 12\})$	349524
12	$\mathcal{O}(0; \{2^{19}, 3^2, 4^3, 6, 12\})$	48
12	$\mathcal{O}(0; \{2^{15}, 3^5, 4^3, 6, 12\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^8, 4^3, 6, 12\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^{11}, 4^3, 6, 12\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{14}, 4^3, 6, 12\})$	174768
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^5, 6, 12\})$	192

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^5, 6, 12\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^8, 4^5, 6, 12\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^5, 6, 12\})$	87360
12	$\mathcal{O}(0; \{3^{14}, 4^5, 6, 12\})$	699072
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^7, 6, 12\})$	768
12	$\mathcal{O}(0; \{2^9, 3^5, 4^7, 6, 12\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^8, 4^7, 6, 12\})$	43776
12	$\mathcal{O}(0; \{2, 3^{11}, 4^7, 6, 12\})$	349440
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^9, 6, 12\})$	3072
12	$\mathcal{O}(0; \{2^6, 3^5, 4^9, 6, 12\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^8, 4^9, 6, 12\})$	175104
12	$\mathcal{O}(0; \{2^7, 3^2, 4^{11}, 6, 12\})$	12288
12	$\mathcal{O}(0; \{2^3, 3^5, 4^{11}, 6, 12\})$	86016
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{13}, 6, 12\})$	49152
12	$\mathcal{O}(0; \{3^5, 4^{13}, 6, 12\})$	344064
12	$\mathcal{O}(0; \{2, 3^2, 4^{15}, 6, 12\})$	196608
12	$\mathcal{O}(0; \{2^{23}, 4, 6^2, 12\})$	4
12	$\mathcal{O}(0; \{2^{19}, 3^3, 4, 6^2, 12\})$	44
12	$\mathcal{O}(0; \{2^{15}, 3^6, 4, 6^2, 12\})$	340
12	$\mathcal{O}(0; \{2^{11}, 3^9, 4, 6^2, 12\})$	2732
12	$\mathcal{O}(0; \{2^7, 3^{12}, 4, 6^2, 12\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^{15}, 4, 6^2, 12\})$	174764
12	$\mathcal{O}(0; \{2^{20}, 4^3, 6^2, 12\})$	16
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^3, 6^2, 12\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^3, 6^2, 12\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^9, 4^3, 6^2, 12\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^3, 6^2, 12\})$	87376
12	$\mathcal{O}(0; \{3^{15}, 4^3, 6^2, 12\})$	699056
12	$\mathcal{O}(0; \{2^{17}, 4^5, 6^2, 12\})$	64
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^5, 6^2, 12\})$	704
12	$\mathcal{O}(0; \{2^9, 3^6, 4^5, 6^2, 12\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^9, 4^5, 6^2, 12\})$	43712
12	$\mathcal{O}(0; \{2, 3^{12}, 4^5, 6^2, 12\})$	349504
12	$\mathcal{O}(0; \{2^{14}, 4^7, 6^2, 12\})$	256
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^7, 6^2, 12\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^6, 4^7, 6^2, 12\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^9, 4^7, 6^2, 12\})$	174848
12	$\mathcal{O}(0; \{2^{11}, 4^9, 6^2, 12\})$	1024
12	$\mathcal{O}(0; \{2^7, 3^3, 4^9, 6^2, 12\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^6, 4^9, 6^2, 12\})$	87040
12	$\mathcal{O}(0; \{2^8, 4^{11}, 6^2, 12\})$	4096
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{11}, 6^2, 12\})$	45056
12	$\mathcal{O}(0; \{3^6, 4^{11}, 6^2, 12\})$	348160

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 4^{13}, 6^2, 12\})$	16384
12	$\mathcal{O}(0; \{2, 3^3, 4^{13}, 6^2, 12\})$	180224
12	$\mathcal{O}(0; \{2^2, 4^{15}, 6^2, 12\})$	65536
12	$\mathcal{O}(0; \{2^{20}, 3, 4, 6^3, 12\})$	20
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4, 6^3, 12\})$	172
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4, 6^3, 12\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4, 6^3, 12\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4, 6^3, 12\})$	87380
12	$\mathcal{O}(0; \{3^{16}, 4, 6^3, 12\})$	699052
12	$\mathcal{O}(0; \{2^{17}, 3, 4^3, 6^3, 12\})$	80
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^3, 6^3, 12\})$	688
12	$\mathcal{O}(0; \{2^9, 3^7, 4^3, 6^3, 12\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^3, 6^3, 12\})$	43696
12	$\mathcal{O}(0; \{2, 3^{13}, 4^3, 6^3, 12\})$	349520
12	$\mathcal{O}(0; \{2^{14}, 3, 4^5, 6^3, 12\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^5, 6^3, 12\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^7, 4^5, 6^3, 12\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^5, 6^3, 12\})$	174784
12	$\mathcal{O}(0; \{2^{11}, 3, 4^7, 6^3, 12\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^4, 4^7, 6^3, 12\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^7, 4^7, 6^3, 12\})$	87296
12	$\mathcal{O}(0; \{2^8, 3, 4^9, 6^3, 12\})$	5120
12	$\mathcal{O}(0; \{2^4, 3^4, 4^9, 6^3, 12\})$	44032
12	$\mathcal{O}(0; \{3^7, 4^9, 6^3, 12\})$	349184
12	$\mathcal{O}(0; \{2^5, 3, 4^{11}, 6^3, 12\})$	20480
12	$\mathcal{O}(0; \{2, 3^4, 4^{11}, 6^3, 12\})$	176128
12	$\mathcal{O}(0; \{2^2, 3, 4^{13}, 6^3, 12\})$	81920
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4, 6^4, 12\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4, 6^4, 12\})$	684
12	$\mathcal{O}(0; \{2^9, 3^8, 4, 6^4, 12\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4, 6^4, 12\})$	43692
12	$\mathcal{O}(0; \{2, 3^{14}, 4, 6^4, 12\})$	349524
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^3, 6^4, 12\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^3, 6^4, 12\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^8, 4^3, 6^4, 12\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^3, 6^4, 12\})$	174768
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^5, 6^4, 12\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^5, 4^5, 6^4, 12\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^8, 4^5, 6^4, 12\})$	87360
12	$\mathcal{O}(0; \{2^8, 3^2, 4^7, 6^4, 12\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^5, 4^7, 6^4, 12\})$	43776
12	$\mathcal{O}(0; \{3^8, 4^7, 6^4, 12\})$	349440
12	$\mathcal{O}(0; \{2^5, 3^2, 4^9, 6^4, 12\})$	21504

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^5, 4^9, 6^4, 12\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{11}, 6^4, 12\})$	86016
12	$\mathcal{O}(0; \{2^{18}, 4, 6^5, 12\})$	44
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4, 6^5, 12\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4, 6^5, 12\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^9, 4, 6^5, 12\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4, 6^5, 12\})$	174764
12	$\mathcal{O}(0; \{2^{15}, 4^3, 6^5, 12\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^3, 6^5, 12\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^6, 4^3, 6^5, 12\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^9, 4^3, 6^5, 12\})$	87376
12	$\mathcal{O}(0; \{2^{12}, 4^5, 6^5, 12\})$	704
12	$\mathcal{O}(0; \{2^8, 3^3, 4^5, 6^5, 12\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^6, 4^5, 6^5, 12\})$	43712
12	$\mathcal{O}(0; \{3^9, 4^5, 6^5, 12\})$	349504
12	$\mathcal{O}(0; \{2^9, 4^7, 6^5, 12\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^3, 4^7, 6^5, 12\})$	21760
12	$\mathcal{O}(0; \{2, 3^6, 4^7, 6^5, 12\})$	174848
12	$\mathcal{O}(0; \{2^6, 4^9, 6^5, 12\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^3, 4^9, 6^5, 12\})$	87040
12	$\mathcal{O}(0; \{2^3, 4^{11}, 6^5, 12\})$	45056
12	$\mathcal{O}(0; \{4^{13}, 6^5, 12\})$	180224
12	$\mathcal{O}(0; \{2^{15}, 3, 4, 6^6, 12\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4, 6^6, 12\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^7, 4, 6^6, 12\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4, 6^6, 12\})$	87380
12	$\mathcal{O}(0; \{2^{12}, 3, 4^3, 6^6, 12\})$	688
12	$\mathcal{O}(0; \{2^8, 3^4, 4^3, 6^6, 12\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^7, 4^3, 6^6, 12\})$	43696
12	$\mathcal{O}(0; \{3^{10}, 4^3, 6^6, 12\})$	349520
12	$\mathcal{O}(0; \{2^9, 3, 4^5, 6^6, 12\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^4, 4^5, 6^6, 12\})$	21824
12	$\mathcal{O}(0; \{2, 3^7, 4^5, 6^6, 12\})$	174784
12	$\mathcal{O}(0; \{2^6, 3, 4^7, 6^6, 12\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^4, 4^7, 6^6, 12\})$	87296
12	$\mathcal{O}(0; \{2^3, 3, 4^9, 6^6, 12\})$	44032
12	$\mathcal{O}(0; \{3, 4^{11}, 6^6, 12\})$	176128
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4, 6^7, 12\})$	684
12	$\mathcal{O}(0; \{2^8, 3^5, 4, 6^7, 12\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^8, 4, 6^7, 12\})$	43692
12	$\mathcal{O}(0; \{3^{11}, 4, 6^7, 12\})$	349524
12	$\mathcal{O}(0; \{2^9, 3^2, 4^3, 6^7, 12\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^5, 4^3, 6^7, 12\})$	21840

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^8, 4^3, 6^7, 12\})$	174768
12	$\mathcal{O}(0; \{2^6, 3^2, 4^5, 6^7, 12\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^5, 4^5, 6^7, 12\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^2, 4^7, 6^7, 12\})$	43776
12	$\mathcal{O}(0; \{3^2, 4^9, 6^7, 12\})$	175104
12	$\mathcal{O}(0; \{2^{13}, 4, 6^8, 12\})$	340
12	$\mathcal{O}(0; \{2^9, 3^3, 4, 6^8, 12\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^6, 4, 6^8, 12\})$	21844
12	$\mathcal{O}(0; \{2, 3^9, 4, 6^8, 12\})$	174764
12	$\mathcal{O}(0; \{2^{10}, 4^3, 6^8, 12\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^3, 4^3, 6^8, 12\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^6, 4^3, 6^8, 12\})$	87376
12	$\mathcal{O}(0; \{2^7, 4^5, 6^8, 12\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^3, 4^5, 6^8, 12\})$	43712
12	$\mathcal{O}(0; \{2^4, 4^7, 6^8, 12\})$	21760
12	$\mathcal{O}(0; \{3^3, 4^7, 6^8, 12\})$	174848
12	$\mathcal{O}(0; \{2, 4^9, 6^8, 12\})$	87040
12	$\mathcal{O}(0; \{2^{10}, 3, 4, 6^9, 12\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^4, 4, 6^9, 12\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^7, 4, 6^9, 12\})$	87380
12	$\mathcal{O}(0; \{2^7, 3, 4^3, 6^9, 12\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 6^9, 12\})$	43696
12	$\mathcal{O}(0; \{2^4, 3, 4^5, 6^9, 12\})$	21824
12	$\mathcal{O}(0; \{3^4, 4^5, 6^9, 12\})$	174784
12	$\mathcal{O}(0; \{2, 3, 4^7, 6^9, 12\})$	87296
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 6^{10}, 12\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 6^{10}, 12\})$	43692
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6^{10}, 12\})$	21840
12	$\mathcal{O}(0; \{3^5, 4^3, 6^{10}, 12\})$	174768
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 6^{10}, 12\})$	87360
12	$\mathcal{O}(0; \{2^8, 4, 6^{11}, 12\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^{11}, 12\})$	21844
12	$\mathcal{O}(0; \{3^6, 4, 6^{11}, 12\})$	174764
12	$\mathcal{O}(0; \{2^5, 4^3, 6^{11}, 12\})$	10928
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^{11}, 12\})$	87376
12	$\mathcal{O}(0; \{2^2, 4^5, 6^{11}, 12\})$	43712
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^{12}, 12\})$	10924
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^{12}, 12\})$	87380
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^{12}, 12\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^{13}, 12\})$	43692
12	$\mathcal{O}(0; \{2^3, 4, 6^{14}, 12\})$	21844
12	$\mathcal{O}(0; \{4^3, 6^{14}, 12\})$	87376
12	$\mathcal{O}(0; \{3, 4, 6^{15}, 12\})$	87380

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{26}, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{22}, 3^3, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{18}, 3^6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{14}, 3^9, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^{10}, 3^{12}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^6, 3^{15}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^2, 3^{18}, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^{23}, 4^2, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{19}, 3^3, 4^2, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{15}, 3^6, 4^2, 12^2\})$	688
12	$\mathcal{O}(0; \{2^{11}, 3^9, 4^2, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^{12}, 4^2, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^{15}, 4^2, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{20}, 4^4, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^4, 12^2\})$	320
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^4, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^9, 4^4, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^4, 12^2\})$	174784
12	$\mathcal{O}(0; \{3^{15}, 4^4, 12^2\})$	1398080
12	$\mathcal{O}(0; \{2^{17}, 4^6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^6, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^9, 3^6, 4^6, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^9, 4^6, 12^2\})$	87296
12	$\mathcal{O}(0; \{2, 3^{12}, 4^6, 12^2\})$	699136
12	$\mathcal{O}(0; \{2^{14}, 4^8, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^8, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^6, 3^6, 4^8, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^9, 4^8, 12^2\})$	349184
12	$\mathcal{O}(0; \{2^{11}, 4^{10}, 12^2\})$	4096
12	$\mathcal{O}(0; \{2^7, 3^3, 4^{10}, 12^2\})$	20480
12	$\mathcal{O}(0; \{2^3, 3^6, 4^{10}, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^8, 4^{12}, 12^2\})$	16384
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{12}, 12^2\})$	81920
12	$\mathcal{O}(0; \{3^6, 4^{12}, 12^2\})$	704512
12	$\mathcal{O}(0; \{2^5, 4^{14}, 12^2\})$	65536
12	$\mathcal{O}(0; \{2, 3^3, 4^{14}, 12^2\})$	327680
12	$\mathcal{O}(0; \{2^2, 4^{16}, 12^2\})$	262144
12	$\mathcal{O}(0; \{2^{23}, 3, 6, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{19}, 3^4, 6, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{15}, 3^7, 6, 12^2\})$	684
12	$\mathcal{O}(0; \{2^{11}, 3^{10}, 6, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^7, 3^{13}, 6, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^3, 3^{16}, 6, 12^2\})$	349524

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{20}, 3, 4^2, 6, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4^2, 6, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4^2, 6, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4^2, 6, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4^2, 6, 12^2\})$	174768
12	$\mathcal{O}(0; \{3^{16}, 4^2, 6, 12^2\})$	1398096
12	$\mathcal{O}(0; \{2^{17}, 3, 4^4, 6, 12^2\})$	192
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^4, 6, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^7, 4^4, 6, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^4, 6, 12^2\})$	87360
12	$\mathcal{O}(0; \{2, 3^{13}, 4^4, 6, 12^2\})$	699072
12	$\mathcal{O}(0; \{2^{14}, 3, 4^6, 6, 12^2\})$	768
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^6, 6, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^7, 4^6, 6, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^6, 6, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^{11}, 3, 4^8, 6, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^7, 3^4, 4^8, 6, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^7, 4^8, 6, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^8, 3, 4^{10}, 6, 12^2\})$	12288
12	$\mathcal{O}(0; \{2^4, 3^4, 4^{10}, 6, 12^2\})$	86016
12	$\mathcal{O}(0; \{3^7, 4^{10}, 6, 12^2\})$	700416
12	$\mathcal{O}(0; \{2^5, 3, 4^{12}, 6, 12^2\})$	49152
12	$\mathcal{O}(0; \{2, 3^4, 4^{12}, 6, 12^2\})$	344064
12	$\mathcal{O}(0; \{2^2, 3, 4^{14}, 6, 12^2\})$	196608
12	$\mathcal{O}(0; \{2^{20}, 3^2, 6^2, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{16}, 3^5, 6^2, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{12}, 3^8, 6^2, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^8, 3^{11}, 6^2, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^4, 3^{14}, 6^2, 12^2\})$	174764
12	$\mathcal{O}(0; \{3^{17}, 6^2, 12^2\})$	1398100
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^2, 6^2, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^2, 6^2, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^8, 4^2, 6^2, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^2, 6^2, 12^2\})$	87376
12	$\mathcal{O}(0; \{2, 3^{14}, 4^2, 6^2, 12^2\})$	699056
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^4, 6^2, 12^2\})$	704
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^4, 6^2, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^8, 4^4, 6^2, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^4, 6^2, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^6, 6^2, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^5, 4^6, 6^2, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^8, 4^6, 6^2, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^8, 3^2, 4^8, 6^2, 12^2\})$	11264

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^5, 4^8, 6^2, 12^2\})$	87040
12	$\mathcal{O}(0; \{3^8, 4^8, 6^2, 12^2\})$	699392
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{10}, 6^2, 12^2\})$	45056
12	$\mathcal{O}(0; \{2, 3^5, 4^{10}, 6^2, 12^2\})$	348160
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{12}, 6^2, 12^2\})$	180224
12	$\mathcal{O}(0; \{2^{21}, 6^3, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{17}, 3^3, 6^3, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{13}, 3^6, 6^3, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^9, 3^9, 6^3, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^5, 3^{12}, 6^3, 12^2\})$	87380
12	$\mathcal{O}(0; \{2, 3^{15}, 6^3, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^{18}, 4^2, 6^3, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^2, 6^3, 12^2\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^2, 6^3, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^9, 4^2, 6^3, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^2, 6^3, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{15}, 4^4, 6^3, 12^2\})$	320
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^4, 6^3, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^6, 4^4, 6^3, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^9, 4^4, 6^3, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^{12}, 4^6, 6^3, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^8, 3^3, 4^6, 6^3, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^6, 4^6, 6^3, 12^2\})$	87296
12	$\mathcal{O}(0; \{3^9, 4^6, 6^3, 12^2\})$	699136
12	$\mathcal{O}(0; \{2^9, 4^8, 6^3, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^5, 3^3, 4^8, 6^3, 12^2\})$	44032
12	$\mathcal{O}(0; \{2, 3^6, 4^8, 6^3, 12^2\})$	349184
12	$\mathcal{O}(0; \{2^6, 4^{10}, 6^3, 12^2\})$	20480
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{10}, 6^3, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^3, 4^{12}, 6^3, 12^2\})$	81920
12	$\mathcal{O}(0; \{4^{14}, 6^3, 12^2\})$	327680
12	$\mathcal{O}(0; \{2^{18}, 3, 6^4, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{14}, 3^4, 6^4, 12^2\})$	684
12	$\mathcal{O}(0; \{2^{10}, 3^7, 6^4, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^6, 3^{10}, 6^4, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^2, 3^{13}, 6^4, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{15}, 3, 4^2, 6^4, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^2, 6^4, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^7, 4^2, 6^4, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^2, 6^4, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{12}, 3, 4^4, 6^4, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^4, 4^4, 6^4, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^7, 4^4, 6^4, 12^2\})$	87360

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^{10}, 4^4, 6^4, 12^2\})$	699072
12	$\mathcal{O}(0; \{2^9, 3, 4^6, 6^4, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^4, 4^6, 6^4, 12^2\})$	43776
12	$\mathcal{O}(0; \{2, 3^7, 4^6, 6^4, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^6, 3, 4^8, 6^4, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^4, 4^8, 6^4, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^3, 3, 4^{10}, 6^4, 12^2\})$	86016
12	$\mathcal{O}(0; \{3, 4^{12}, 6^4, 12^2\})$	344064
12	$\mathcal{O}(0; \{2^{15}, 3^2, 6^5, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{11}, 3^5, 6^5, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^7, 3^8, 6^5, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^{11}, 6^5, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^2, 6^5, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^5, 4^2, 6^5, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^8, 4^2, 6^5, 12^2\})$	87376
12	$\mathcal{O}(0; \{3^{11}, 4^2, 6^5, 12^2\})$	699056
12	$\mathcal{O}(0; \{2^9, 3^2, 4^4, 6^5, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^5, 4^4, 6^5, 12^2\})$	43712
12	$\mathcal{O}(0; \{2, 3^8, 4^4, 6^5, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^6, 3^2, 4^6, 6^5, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^5, 4^6, 6^5, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^2, 4^8, 6^5, 12^2\})$	87040
12	$\mathcal{O}(0; \{3^2, 4^{10}, 6^5, 12^2\})$	348160
12	$\mathcal{O}(0; \{2^{16}, 6^6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{12}, 3^3, 6^6, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^6, 6^6, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^9, 6^6, 12^2\})$	87380
12	$\mathcal{O}(0; \{3^{12}, 6^6, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^{13}, 4^2, 6^6, 12^2\})$	688
12	$\mathcal{O}(0; \{2^9, 3^3, 4^2, 6^6, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^6, 4^2, 6^6, 12^2\})$	43696
12	$\mathcal{O}(0; \{2, 3^9, 4^2, 6^6, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{10}, 4^4, 6^6, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^3, 4^4, 6^6, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^6, 4^4, 6^6, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^7, 4^6, 6^6, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^3, 4^6, 6^6, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^4, 4^8, 6^6, 12^2\})$	44032
12	$\mathcal{O}(0; \{3^3, 4^8, 6^6, 12^2\})$	349184
12	$\mathcal{O}(0; \{2, 4^{10}, 6^6, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^{13}, 3, 6^7, 12^2\})$	684
12	$\mathcal{O}(0; \{2^9, 3^4, 6^7, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^7, 6^7, 12^2\})$	43692

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^{10}, 6^7, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{10}, 3, 4^2, 6^7, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^4, 4^2, 6^7, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^7, 4^2, 6^7, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^7, 3, 4^4, 6^7, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^4, 4^4, 6^7, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^4, 3, 4^6, 6^7, 12^2\})$	43776
12	$\mathcal{O}(0; \{3^4, 4^6, 6^7, 12^2\})$	349440
12	$\mathcal{O}(0; \{2, 3, 4^8, 6^7, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^{10}, 3^2, 6^8, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^5, 6^8, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^8, 6^8, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 6^8, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 6^8, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 6^8, 12^2\})$	43712
12	$\mathcal{O}(0; \{3^5, 4^4, 6^8, 12^2\})$	349504
12	$\mathcal{O}(0; \{2, 3^2, 4^6, 6^8, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^{11}, 6^9, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^3, 6^9, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^6, 6^9, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^8, 4^2, 6^9, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6^9, 12^2\})$	43696
12	$\mathcal{O}(0; \{3^6, 4^2, 6^9, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^5, 4^4, 6^9, 12^2\})$	21824
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 6^9, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^2, 4^6, 6^9, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^8, 3, 6^{10}, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^4, 6^{10}, 12^2\})$	43692
12	$\mathcal{O}(0; \{3^7, 6^{10}, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^{10}, 12^2\})$	21840
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^{10}, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^{10}, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^5, 3^2, 6^{11}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2, 3^5, 6^{11}, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^{11}, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^6, 6^{12}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^3, 6^{12}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^3, 4^2, 6^{12}, 12^2\})$	43696
12	$\mathcal{O}(0; \{4^4, 6^{12}, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^3, 3, 6^{13}, 12^2\})$	43692
12	$\mathcal{O}(0; \{3, 4^2, 6^{13}, 12^2\})$	174768
12	$\mathcal{O}(0; \{3^2, 6^{14}, 12^2\})$	174764
12	$\mathcal{O}(0; \{2, 6^{15}, 12^2\})$	87380

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{20}, 3^2, 4, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{16}, 3^5, 4, 12^3\})$	688
12	$\mathcal{O}(0; \{2^{12}, 3^8, 4, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^8, 3^{11}, 4, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^4, 3^{14}, 4, 12^3\})$	349520
12	$\mathcal{O}(0; \{3^{17}, 4, 12^3\})$	2796208
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^3, 12^3\})$	320
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^3, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^9, 3^8, 4^3, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^3, 12^3\})$	174784
12	$\mathcal{O}(0; \{2, 3^{14}, 4^3, 12^3\})$	1398080
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^5, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^5, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^8, 4^5, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^5, 12^3\})$	699136
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^7, 12^3\})$	5120
12	$\mathcal{O}(0; \{2^7, 3^5, 4^7, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^8, 4^7, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^8, 3^2, 4^9, 12^3\})$	20480
12	$\mathcal{O}(0; \{2^4, 3^5, 4^9, 12^3\})$	176128
12	$\mathcal{O}(0; \{3^8, 4^9, 12^3\})$	1396736
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{11}, 12^3\})$	81920
12	$\mathcal{O}(0; \{2, 3^5, 4^{11}, 12^3\})$	704512
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{13}, 12^3\})$	327680
12	$\mathcal{O}(0; \{2^{21}, 4, 6, 12^3\})$	48
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4, 6, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4, 6, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^9, 3^9, 4, 6, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4, 6, 12^3\})$	174768
12	$\mathcal{O}(0; \{2, 3^{15}, 4, 6, 12^3\})$	1398096
12	$\mathcal{O}(0; \{2^{18}, 4^3, 6, 12^3\})$	192
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^3, 6, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^3, 6, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^9, 4^3, 6, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^3, 6, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^{15}, 4^5, 6, 12^3\})$	768
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^5, 6, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^7, 3^6, 4^5, 6, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^9, 4^5, 6, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^{12}, 4^7, 6, 12^3\})$	3072
12	$\mathcal{O}(0; \{2^8, 3^3, 4^7, 6, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^6, 4^7, 6, 12^3\})$	175104
12	$\mathcal{O}(0; \{3^9, 4^7, 6, 12^3\})$	1397760

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^9, 4^9, 6, 12^3\})$	12288
12	$\mathcal{O}(0; \{2^5, 3^3, 4^9, 6, 12^3\})$	86016
12	$\mathcal{O}(0; \{2, 3^6, 4^9, 6, 12^3\})$	700416
12	$\mathcal{O}(0; \{2^6, 4^{11}, 6, 12^3\})$	49152
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{11}, 6, 12^3\})$	344064
12	$\mathcal{O}(0; \{2^3, 4^{13}, 6, 12^3\})$	196608
12	$\mathcal{O}(0; \{4^{15}, 6, 12^3\})$	786432
12	$\mathcal{O}(0; \{2^{18}, 3, 4, 6^2, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4, 6^2, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4, 6^2, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4, 6^2, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4, 6^2, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{15}, 3, 4^3, 6^2, 12^3\})$	704
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^3, 6^2, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^7, 4^3, 6^2, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^3, 6^2, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^{12}, 3, 4^5, 6^2, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^8, 3^4, 4^5, 6^2, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^7, 4^5, 6^2, 12^3\})$	174848
12	$\mathcal{O}(0; \{3^{10}, 4^5, 6^2, 12^3\})$	1398016
12	$\mathcal{O}(0; \{2^9, 3, 4^7, 6^2, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^5, 3^4, 4^7, 6^2, 12^3\})$	87040
12	$\mathcal{O}(0; \{2, 3^7, 4^7, 6^2, 12^3\})$	699392
12	$\mathcal{O}(0; \{2^6, 3, 4^9, 6^2, 12^3\})$	45056
12	$\mathcal{O}(0; \{2^2, 3^4, 4^9, 6^2, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^3, 3, 4^{11}, 6^2, 12^3\})$	180224
12	$\mathcal{O}(0; \{3, 4^{13}, 6^2, 12^3\})$	720896
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4, 6^3, 12^3\})$	688
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4, 6^3, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^8, 4, 6^3, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4, 6^3, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^3, 6^3, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^5, 4^3, 6^3, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^8, 4^3, 6^3, 12^3\})$	174784
12	$\mathcal{O}(0; \{3^{11}, 4^3, 6^3, 12^3\})$	1398080
12	$\mathcal{O}(0; \{2^9, 3^2, 4^5, 6^3, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^5, 4^5, 6^3, 12^3\})$	87296
12	$\mathcal{O}(0; \{2, 3^8, 4^5, 6^3, 12^3\})$	699136
12	$\mathcal{O}(0; \{2^6, 3^2, 4^7, 6^3, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^5, 4^7, 6^3, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^3, 3^2, 4^9, 6^3, 12^3\})$	176128
12	$\mathcal{O}(0; \{3^2, 4^{11}, 6^3, 12^3\})$	704512
12	$\mathcal{O}(0; \{2^{16}, 4, 6^4, 12^3\})$	336

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4, 6^4, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^6, 4, 6^4, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^9, 4, 6^4, 12^3\})$	174768
12	$\mathcal{O}(0; \{3^{12}, 4, 6^4, 12^3\})$	1398096
12	$\mathcal{O}(0; \{2^{13}, 4^3, 6^4, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^3, 4^3, 6^4, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^6, 4^3, 6^4, 12^3\})$	87360
12	$\mathcal{O}(0; \{2, 3^9, 4^3, 6^4, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^{10}, 4^5, 6^4, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^3, 4^5, 6^4, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^6, 4^5, 6^4, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^7, 4^7, 6^4, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^3, 4^7, 6^4, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^4, 4^9, 6^4, 12^3\})$	86016
12	$\mathcal{O}(0; \{3^3, 4^9, 6^4, 12^3\})$	700416
12	$\mathcal{O}(0; \{2, 4^{11}, 6^4, 12^3\})$	344064
12	$\mathcal{O}(0; \{2^{13}, 3, 4, 6^5, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^4, 4, 6^5, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^7, 4, 6^5, 12^3\})$	87376
12	$\mathcal{O}(0; \{2, 3^{10}, 4, 6^5, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{10}, 3, 4^3, 6^5, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^4, 4^3, 6^5, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^7, 4^3, 6^5, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^7, 3, 4^5, 6^5, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^4, 4^5, 6^5, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^4, 3, 4^7, 6^5, 12^3\})$	87040
12	$\mathcal{O}(0; \{3^4, 4^7, 6^5, 12^3\})$	699392
12	$\mathcal{O}(0; \{2, 3, 4^9, 6^5, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4, 6^6, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^5, 4, 6^6, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^8, 4, 6^6, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^7, 3^2, 4^3, 6^6, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^5, 4^3, 6^6, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^4, 3^2, 4^5, 6^6, 12^3\})$	87296
12	$\mathcal{O}(0; \{3^5, 4^5, 6^6, 12^3\})$	699136
12	$\mathcal{O}(0; \{2, 3^2, 4^7, 6^6, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^{11}, 4, 6^7, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 6^7, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 6^7, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^8, 4^3, 6^7, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 6^7, 12^3\})$	87360
12	$\mathcal{O}(0; \{3^6, 4^3, 6^7, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^5, 4^5, 6^7, 12^3\})$	43776

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 6^7, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^2, 4^7, 6^7, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^8, 3, 4, 6^8, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6^8, 12^3\})$	87376
12	$\mathcal{O}(0; \{3^7, 4, 6^8, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 6^8, 12^3\})$	43712
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6^8, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6^8, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^9, 12^3\})$	43696
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^9, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^9, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^6, 4, 6^{10}, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^{10}, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^3, 4^3, 6^{10}, 12^3\})$	87360
12	$\mathcal{O}(0; \{4^5, 6^{10}, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^{11}, 12^3\})$	87376
12	$\mathcal{O}(0; \{3, 4^3, 6^{11}, 12^3\})$	349504
12	$\mathcal{O}(0; \{3^2, 4, 6^{12}, 12^3\})$	349520
12	$\mathcal{O}(0; \{2, 4, 6^{13}, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{21}, 3, 12^4\})$	80
12	$\mathcal{O}(0; \{2^{17}, 3^4, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{13}, 3^7, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^9, 3^{10}, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^5, 3^{13}, 12^4\})$	349520
12	$\mathcal{O}(0; \{2, 3^{16}, 12^4\})$	2796208
12	$\mathcal{O}(0; \{2^{18}, 3, 4^2, 12^4\})$	320
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^2, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^2, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^2, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^2, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^{15}, 3, 4^4, 12^4\})$	1280
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^4, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^7, 3^7, 4^4, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^4, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^{12}, 3, 4^6, 12^4\})$	5120
12	$\mathcal{O}(0; \{2^8, 3^4, 4^6, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^7, 4^6, 12^4\})$	349184
12	$\mathcal{O}(0; \{3^{10}, 4^6, 12^4\})$	2796544
12	$\mathcal{O}(0; \{2^9, 3, 4^8, 12^4\})$	20480
12	$\mathcal{O}(0; \{2^5, 3^4, 4^8, 12^4\})$	176128
12	$\mathcal{O}(0; \{2, 3^7, 4^8, 12^4\})$	1396736
12	$\mathcal{O}(0; \{2^6, 3, 4^{10}, 12^4\})$	81920
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{10}, 12^4\})$	704512

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3, 4^{12}, 12^4\})$	327680
12	$\mathcal{O}(0; \{3, 4^{14}, 12^4\})$	1310720
12	$\mathcal{O}(0; \{2^{18}, 3^2, 6, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{14}, 3^5, 6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^{10}, 3^8, 6, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^6, 3^{11}, 6, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^2, 3^{14}, 6, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^2, 6, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^2, 6, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^8, 4^2, 6, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^2, 6, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^4, 6, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^8, 3^5, 4^4, 6, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^8, 4^4, 6, 12^4\})$	349440
12	$\mathcal{O}(0; \{3^{11}, 4^4, 6, 12^4\})$	2796288
12	$\mathcal{O}(0; \{2^9, 3^2, 4^6, 6, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^5, 3^5, 4^6, 6, 12^4\})$	175104
12	$\mathcal{O}(0; \{2, 3^8, 4^6, 6, 12^4\})$	1397760
12	$\mathcal{O}(0; \{2^6, 3^2, 4^8, 6, 12^4\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^5, 4^8, 6, 12^4\})$	700416
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{10}, 6, 12^4\})$	344064
12	$\mathcal{O}(0; \{3^2, 4^{12}, 6, 12^4\})$	1376256
12	$\mathcal{O}(0; \{2^{19}, 6^2, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{15}, 3^3, 6^2, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^{11}, 3^6, 6^2, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^7, 3^9, 6^2, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^3, 3^{12}, 6^2, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{16}, 4^2, 6^2, 12^4\})$	704
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^2, 6^2, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^6, 4^2, 6^2, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^9, 4^2, 6^2, 12^4\})$	349504
12	$\mathcal{O}(0; \{3^{12}, 4^2, 6^2, 12^4\})$	2796224
12	$\mathcal{O}(0; \{2^{13}, 4^4, 6^2, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^9, 3^3, 4^4, 6^2, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^6, 4^4, 6^2, 12^4\})$	174848
12	$\mathcal{O}(0; \{2, 3^9, 4^4, 6^2, 12^4\})$	1398016
12	$\mathcal{O}(0; \{2^{10}, 4^6, 6^2, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^6, 3^3, 4^6, 6^2, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^6, 4^6, 6^2, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^7, 4^8, 6^2, 12^4\})$	45056
12	$\mathcal{O}(0; \{2^3, 3^3, 4^8, 6^2, 12^4\})$	348160
12	$\mathcal{O}(0; \{2^4, 4^{10}, 6^2, 12^4\})$	180224
12	$\mathcal{O}(0; \{3^3, 4^{10}, 6^2, 12^4\})$	1392640

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 4^{12}, 6^2, 12^4\})$	720896
12	$\mathcal{O}(0; \{2^{16}, 3, 6^3, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{12}, 3^4, 6^3, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^8, 3^7, 6^3, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^4, 3^{10}, 6^3, 12^4\})$	349520
12	$\mathcal{O}(0; \{3^{13}, 6^3, 12^4\})$	2796208
12	$\mathcal{O}(0; \{2^{13}, 3, 4^2, 6^3, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^9, 3^4, 4^2, 6^3, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^7, 4^2, 6^3, 12^4\})$	174784
12	$\mathcal{O}(0; \{2, 3^{10}, 4^2, 6^3, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^{10}, 3, 4^4, 6^3, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^4, 4^4, 6^3, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^7, 4^4, 6^3, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^7, 3, 4^6, 6^3, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^4, 4^6, 6^3, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^4, 3, 4^8, 6^3, 12^4\})$	176128
12	$\mathcal{O}(0; \{3^4, 4^8, 6^3, 12^4\})$	1396736
12	$\mathcal{O}(0; \{2, 3, 4^{10}, 6^3, 12^4\})$	704512
12	$\mathcal{O}(0; \{2^{13}, 3^2, 6^4, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^9, 3^5, 6^4, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^5, 3^8, 6^4, 12^4\})$	174768
12	$\mathcal{O}(0; \{2, 3^{11}, 6^4, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^2, 6^4, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^5, 4^2, 6^4, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^8, 4^2, 6^4, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^7, 3^2, 4^4, 6^4, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^5, 4^4, 6^4, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^4, 3^2, 4^6, 6^4, 12^4\})$	175104
12	$\mathcal{O}(0; \{3^5, 4^6, 6^4, 12^4\})$	1397760
12	$\mathcal{O}(0; \{2, 3^2, 4^8, 6^4, 12^4\})$	700416
12	$\mathcal{O}(0; \{2^{14}, 6^5, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^{10}, 3^3, 6^5, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^6, 3^6, 6^5, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^9, 6^5, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{11}, 4^2, 6^5, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 6^5, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 6^5, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^8, 4^4, 6^5, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 6^5, 12^4\})$	174848
12	$\mathcal{O}(0; \{3^6, 4^4, 6^5, 12^4\})$	1398016
12	$\mathcal{O}(0; \{2^5, 4^6, 6^5, 12^4\})$	87040
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 6^5, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^2, 4^8, 6^5, 12^4\})$	348160

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{11}, 3, 6^6, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^4, 6^6, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^7, 6^6, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6^6, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6^6, 12^4\})$	174784
12	$\mathcal{O}(0; \{3^7, 4^2, 6^6, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6^6, 12^4\})$	87296
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6^6, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 6^6, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^8, 3^2, 6^7, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^5, 6^7, 12^4\})$	174768
12	$\mathcal{O}(0; \{3^8, 6^7, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^7, 12^4\})$	87360
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^7, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^7, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^9, 6^8, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^3, 6^8, 12^4\})$	87376
12	$\mathcal{O}(0; \{2, 3^6, 6^8, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^6, 4^2, 6^8, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^8, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^3, 4^4, 6^8, 12^4\})$	174848
12	$\mathcal{O}(0; \{4^6, 6^8, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^6, 3, 6^9, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^4, 6^9, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^9, 12^4\})$	174784
12	$\mathcal{O}(0; \{3, 4^4, 6^9, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^3, 3^2, 6^{10}, 12^4\})$	174768
12	$\mathcal{O}(0; \{3^2, 4^2, 6^{10}, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^4, 6^{11}, 12^4\})$	87376
12	$\mathcal{O}(0; \{3^3, 6^{11}, 12^4\})$	699056
12	$\mathcal{O}(0; \{2, 4^2, 6^{11}, 12^4\})$	349504
12	$\mathcal{O}(0; \{2, 3, 6^{12}, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{19}, 4, 12^5\})$	320
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^7, 3^9, 4, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^{16}, 4^3, 12^5\})$	1280
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^3, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^8, 3^6, 4^3, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^9, 4^3, 12^5\})$	699136
12	$\mathcal{O}(0; \{3^{12}, 4^3, 12^5\})$	5592320
12	$\mathcal{O}(0; \{2^{13}, 4^5, 12^5\})$	5120

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^9, 3^3, 4^5, 12^5\})$	44032
12	$\mathcal{O}(0; \{2^5, 3^6, 4^5, 12^5\})$	349184
12	$\mathcal{O}(0; \{2, 3^9, 4^5, 12^5\})$	2796544
12	$\mathcal{O}(0; \{2^{10}, 4^7, 12^5\})$	20480
12	$\mathcal{O}(0; \{2^6, 3^3, 4^7, 12^5\})$	176128
12	$\mathcal{O}(0; \{2^2, 3^6, 4^7, 12^5\})$	1396736
12	$\mathcal{O}(0; \{2^7, 4^9, 12^5\})$	81920
12	$\mathcal{O}(0; \{2^3, 3^3, 4^9, 12^5\})$	704512
12	$\mathcal{O}(0; \{2^4, 4^{11}, 12^5\})$	327680
12	$\mathcal{O}(0; \{3^3, 4^{11}, 12^5\})$	2818048
12	$\mathcal{O}(0; \{2, 4^{13}, 12^5\})$	1310720
12	$\mathcal{O}(0; \{2^{16}, 3, 4, 6, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4, 6, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^8, 3^7, 4, 6, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4, 6, 12^5\})$	699072
12	$\mathcal{O}(0; \{3^{13}, 4, 6, 12^5\})$	5592384
12	$\mathcal{O}(0; \{2^{13}, 3, 4^3, 6, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^9, 3^4, 4^3, 6, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^7, 4^3, 6, 12^5\})$	349440
12	$\mathcal{O}(0; \{2, 3^{10}, 4^3, 6, 12^5\})$	2796288
12	$\mathcal{O}(0; \{2^{10}, 3, 4^5, 6, 12^5\})$	21504
12	$\mathcal{O}(0; \{2^6, 3^4, 4^5, 6, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^7, 4^5, 6, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^7, 3, 4^7, 6, 12^5\})$	86016
12	$\mathcal{O}(0; \{2^3, 3^4, 4^7, 6, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^4, 3, 4^9, 6, 12^5\})$	344064
12	$\mathcal{O}(0; \{3^4, 4^9, 6, 12^5\})$	2801664
12	$\mathcal{O}(0; \{2, 3, 4^{11}, 6, 12^5\})$	1376256
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4, 6^2, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^9, 3^5, 4, 6^2, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^8, 4, 6^2, 12^5\})$	349504
12	$\mathcal{O}(0; \{2, 3^{11}, 4, 6^2, 12^5\})$	2796224
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^3, 6^2, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^5, 4^3, 6^2, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^8, 4^3, 6^2, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^7, 3^2, 4^5, 6^2, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^5, 4^5, 6^2, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^4, 3^2, 4^7, 6^2, 12^5\})$	348160
12	$\mathcal{O}(0; \{3^5, 4^7, 6^2, 12^5\})$	2797568
12	$\mathcal{O}(0; \{2, 3^2, 4^9, 6^2, 12^5\})$	1392640
12	$\mathcal{O}(0; \{2^{14}, 4, 6^3, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4, 6^3, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^6, 4, 6^3, 12^5\})$	174784

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^9, 4, 6^3, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^{11}, 4^3, 6^3, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^7, 3^3, 4^3, 6^3, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^6, 4^3, 6^3, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^8, 4^5, 6^3, 12^5\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^3, 4^5, 6^3, 12^5\})$	349184
12	$\mathcal{O}(0; \{3^6, 4^5, 6^3, 12^5\})$	2796544
12	$\mathcal{O}(0; \{2^5, 4^7, 6^3, 12^5\})$	176128
12	$\mathcal{O}(0; \{2, 3^3, 4^7, 6^3, 12^5\})$	1396736
12	$\mathcal{O}(0; \{2^2, 4^9, 6^3, 12^5\})$	704512
12	$\mathcal{O}(0; \{2^{11}, 3, 4, 6^4, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^4, 4, 6^4, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^7, 4, 6^4, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^8, 3, 4^3, 6^4, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^4, 4^3, 6^4, 12^5\})$	349440
12	$\mathcal{O}(0; \{3^7, 4^3, 6^4, 12^5\})$	2796288
12	$\mathcal{O}(0; \{2^5, 3, 4^5, 6^4, 12^5\})$	175104
12	$\mathcal{O}(0; \{2, 3^4, 4^5, 6^4, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3, 4^7, 6^4, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 6^5, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 6^5, 12^5\})$	349504
12	$\mathcal{O}(0; \{3^8, 4, 6^5, 12^5\})$	2796224
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 6^5, 12^5\})$	174848
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 6^5, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 6^5, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^9, 4, 6^6, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6^6, 12^5\})$	174784
12	$\mathcal{O}(0; \{2, 3^6, 4, 6^6, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^6, 4^3, 6^6, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6^6, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^3, 4^5, 6^6, 12^5\})$	349184
12	$\mathcal{O}(0; \{4^7, 6^6, 12^5\})$	1396736
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^7, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^7, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^7, 12^5\})$	349440
12	$\mathcal{O}(0; \{3, 4^5, 6^7, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^8, 12^5\})$	349504
12	$\mathcal{O}(0; \{3^2, 4^3, 6^8, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^4, 4, 6^9, 12^5\})$	174784
12	$\mathcal{O}(0; \{3^3, 4, 6^9, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2, 4^3, 6^9, 12^5\})$	699136
12	$\mathcal{O}(0; \{2, 3, 4, 6^{10}, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^{16}, 3^2, 12^6\})$	2752

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{12}, 3^5, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^8, 3^8, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^4, 3^{11}, 12^6\})$	1398080
12	$\mathcal{O}(0; \{3^{14}, 12^6\})$	11184832
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^2, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^9, 3^5, 4^2, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^8, 4^2, 12^6\})$	699136
12	$\mathcal{O}(0; \{2, 3^{11}, 4^2, 12^6\})$	5592320
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^4, 12^6\})$	44032
12	$\mathcal{O}(0; \{2^6, 3^5, 4^4, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^8, 4^4, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2^7, 3^2, 4^6, 12^6\})$	176128
12	$\mathcal{O}(0; \{2^3, 3^5, 4^6, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^4, 3^2, 4^8, 12^6\})$	704512
12	$\mathcal{O}(0; \{3^5, 4^8, 12^6\})$	5586944
12	$\mathcal{O}(0; \{2, 3^2, 4^{10}, 12^6\})$	2818048
12	$\mathcal{O}(0; \{2^{17}, 6, 12^6\})$	1344
12	$\mathcal{O}(0; \{2^{13}, 3^3, 6, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^9, 3^6, 6, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^5, 3^9, 6, 12^6\})$	699072
12	$\mathcal{O}(0; \{2, 3^{12}, 6, 12^6\})$	5592384
12	$\mathcal{O}(0; \{2^{14}, 4^2, 6, 12^6\})$	5376
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^2, 6, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^6, 4^2, 6, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^9, 4^2, 6, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^{11}, 4^4, 6, 12^6\})$	21504
12	$\mathcal{O}(0; \{2^7, 3^3, 4^4, 6, 12^6\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^6, 4^4, 6, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^8, 4^6, 6, 12^6\})$	86016
12	$\mathcal{O}(0; \{2^4, 3^3, 4^6, 6, 12^6\})$	700416
12	$\mathcal{O}(0; \{3^6, 4^6, 6, 12^6\})$	5591040
12	$\mathcal{O}(0; \{2^5, 4^8, 6, 12^6\})$	344064
12	$\mathcal{O}(0; \{2, 3^3, 4^8, 6, 12^6\})$	2801664
12	$\mathcal{O}(0; \{2^2, 4^{10}, 6, 12^6\})$	1376256
12	$\mathcal{O}(0; \{2^{14}, 3, 6^2, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^{10}, 3^4, 6^2, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^6, 3^7, 6^2, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^2, 3^{10}, 6^2, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^{11}, 3, 4^2, 6^2, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^7, 3^4, 4^2, 6^2, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^7, 4^2, 6^2, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^8, 3, 4^4, 6^2, 12^6\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^4, 4^4, 6^2, 12^6\})$	699392

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^7, 4^4, 6^2, 12^6\})$	5592064
12	$\mathcal{O}(0; \{2^5, 3, 4^6, 6^2, 12^6\})$	348160
12	$\mathcal{O}(0; \{2, 3^4, 4^6, 6^2, 12^6\})$	2797568
12	$\mathcal{O}(0; \{2^2, 3, 4^8, 6^2, 12^6\})$	1392640
12	$\mathcal{O}(0; \{2^{11}, 3^2, 6^3, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^7, 3^5, 6^3, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^3, 3^8, 6^3, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 6^3, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 6^3, 12^6\})$	699136
12	$\mathcal{O}(0; \{3^8, 4^2, 6^3, 12^6\})$	5592320
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 6^3, 12^6\})$	349184
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 6^3, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 6^3, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^{12}, 6^4, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^8, 3^3, 6^4, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^6, 6^4, 12^6\})$	699072
12	$\mathcal{O}(0; \{3^9, 6^4, 12^6\})$	5592384
12	$\mathcal{O}(0; \{2^9, 4^2, 6^4, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6^4, 12^6\})$	349440
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6^4, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^6, 4^4, 6^4, 12^6\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6^4, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^3, 4^6, 6^4, 12^6\})$	700416
12	$\mathcal{O}(0; \{4^8, 6^4, 12^6\})$	2801664
12	$\mathcal{O}(0; \{2^9, 3, 6^5, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^4, 6^5, 12^6\})$	349504
12	$\mathcal{O}(0; \{2, 3^7, 6^5, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^5, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^5, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^5, 12^6\})$	699392
12	$\mathcal{O}(0; \{3, 4^6, 6^5, 12^6\})$	2797568
12	$\mathcal{O}(0; \{2^6, 3^2, 6^6, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^5, 6^6, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^6, 12^6\})$	699136
12	$\mathcal{O}(0; \{3^2, 4^4, 6^6, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2^7, 6^7, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^3, 6^7, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^4, 4^2, 6^7, 12^6\})$	349440
12	$\mathcal{O}(0; \{3^3, 4^2, 6^7, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2, 4^4, 6^7, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^4, 3, 6^8, 12^6\})$	349504
12	$\mathcal{O}(0; \{3^4, 6^8, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^8, 12^6\})$	1398016

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^2, 6^9, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^2, 6^{10}, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^{14}, 3, 4, 12^7\})$	11008
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^6, 3^7, 4, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2^{11}, 3, 4^3, 12^7\})$	44032
12	$\mathcal{O}(0; \{2^7, 3^4, 4^3, 12^7\})$	349184
12	$\mathcal{O}(0; \{2^3, 3^7, 4^3, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^8, 3, 4^5, 12^7\})$	176128
12	$\mathcal{O}(0; \{2^4, 3^4, 4^5, 12^7\})$	1396736
12	$\mathcal{O}(0; \{3^7, 4^5, 12^7\})$	11186176
12	$\mathcal{O}(0; \{2^5, 3, 4^7, 12^7\})$	704512
12	$\mathcal{O}(0; \{2, 3^4, 4^7, 12^7\})$	5586944
12	$\mathcal{O}(0; \{2^2, 3, 4^9, 12^7\})$	2818048
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4, 6, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^7, 3^5, 4, 6, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^8, 4, 6, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^8, 3^2, 4^3, 6, 12^7\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^5, 4^3, 6, 12^7\})$	1397760
12	$\mathcal{O}(0; \{3^8, 4^3, 6, 12^7\})$	11185152
12	$\mathcal{O}(0; \{2^5, 3^2, 4^5, 6, 12^7\})$	700416
12	$\mathcal{O}(0; \{2, 3^5, 4^5, 6, 12^7\})$	5591040
12	$\mathcal{O}(0; \{2^2, 3^2, 4^7, 6, 12^7\})$	2801664
12	$\mathcal{O}(0; \{2^{12}, 4, 6^2, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^8, 3^3, 4, 6^2, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^6, 4, 6^2, 12^7\})$	1398016
12	$\mathcal{O}(0; \{3^9, 4, 6^2, 12^7\})$	11184896
12	$\mathcal{O}(0; \{2^9, 4^3, 6^2, 12^7\})$	87040
12	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 6^2, 12^7\})$	699392
12	$\mathcal{O}(0; \{2, 3^6, 4^3, 6^2, 12^7\})$	5592064
12	$\mathcal{O}(0; \{2^6, 4^5, 6^2, 12^7\})$	348160
12	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 6^2, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2^3, 4^7, 6^2, 12^7\})$	1392640
12	$\mathcal{O}(0; \{4^9, 6^2, 12^7\})$	5570560
12	$\mathcal{O}(0; \{2^9, 3, 4, 6^3, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 6^3, 12^7\})$	699136
12	$\mathcal{O}(0; \{2, 3^7, 4, 6^3, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 6^3, 12^7\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6^3, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 6^3, 12^7\})$	1396736
12	$\mathcal{O}(0; \{3, 4^7, 6^3, 12^7\})$	5586944
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^4, 12^7\})$	349440

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^4, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^4, 12^7\})$	1397760
12	$\mathcal{O}(0; \{3^2, 4^5, 6^4, 12^7\})$	5591040
12	$\mathcal{O}(0; \{2^7, 4, 6^5, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^5, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^4, 4^3, 6^5, 12^7\})$	699392
12	$\mathcal{O}(0; \{3^3, 4^3, 6^5, 12^7\})$	5592064
12	$\mathcal{O}(0; \{2, 4^5, 6^5, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^6, 12^7\})$	699136
12	$\mathcal{O}(0; \{3^4, 4, 6^6, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^6, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^7, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^2, 4, 6^8, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^{15}, 12^8\})$	11008
12	$\mathcal{O}(0; \{2^{11}, 3^3, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^7, 3^6, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^3, 3^9, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^{12}, 4^2, 12^8\})$	44032
12	$\mathcal{O}(0; \{2^8, 3^3, 4^2, 12^8\})$	349184
12	$\mathcal{O}(0; \{2^4, 3^6, 4^2, 12^8\})$	2796544
12	$\mathcal{O}(0; \{3^9, 4^2, 12^8\})$	22369280
12	$\mathcal{O}(0; \{2^9, 4^4, 12^8\})$	176128
12	$\mathcal{O}(0; \{2^5, 3^3, 4^4, 12^8\})$	1396736
12	$\mathcal{O}(0; \{2, 3^6, 4^4, 12^8\})$	11186176
12	$\mathcal{O}(0; \{2^6, 4^6, 12^8\})$	704512
12	$\mathcal{O}(0; \{2^2, 3^3, 4^6, 12^8\})$	5586944
12	$\mathcal{O}(0; \{2^3, 4^8, 12^8\})$	2818048
12	$\mathcal{O}(0; \{4^{10}, 12^8\})$	11272192
12	$\mathcal{O}(0; \{2^{12}, 3, 6, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^8, 3^4, 6, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^4, 3^7, 6, 12^8\})$	2796288
12	$\mathcal{O}(0; \{3^{10}, 6, 12^8\})$	22369536
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 6, 12^8\})$	175104
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 6, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 6, 12^8\})$	11185152
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 6, 12^8\})$	700416
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 6, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 6, 12^8\})$	2801664
12	$\mathcal{O}(0; \{3, 4^8, 6, 12^8\})$	11206656
12	$\mathcal{O}(0; \{2^9, 3^2, 6^2, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^5, 3^5, 6^2, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2, 3^8, 6^2, 12^8\})$	11184896
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6^2, 12^8\})$	699392

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6^2, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6^2, 12^8\})$	2797568
12	$\mathcal{O}(0; \{3^2, 4^6, 6^2, 12^8\})$	11190272
12	$\mathcal{O}(0; \{2^{10}, 6^3, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^6, 3^3, 6^3, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^2, 3^6, 6^3, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^7, 4^2, 6^3, 12^8\})$	349184
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^3, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^4, 4^4, 6^3, 12^8\})$	1396736
12	$\mathcal{O}(0; \{3^3, 4^4, 6^3, 12^8\})$	11186176
12	$\mathcal{O}(0; \{2, 4^6, 6^3, 12^8\})$	5586944
12	$\mathcal{O}(0; \{2^7, 3, 6^4, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^4, 6^4, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^4, 12^8\})$	1397760
12	$\mathcal{O}(0; \{3^4, 4^2, 6^4, 12^8\})$	11185152
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^4, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2^4, 3^2, 6^5, 12^8\})$	1398016
12	$\mathcal{O}(0; \{3^5, 6^5, 12^8\})$	11184896
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^5, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2^5, 6^6, 12^8\})$	699136
12	$\mathcal{O}(0; \{2, 3^3, 6^6, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^2, 4^2, 6^6, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^2, 3, 6^7, 12^8\})$	2796288
12	$\mathcal{O}(0; \{6^9, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^9, 3^2, 4, 12^9\})$	349184
12	$\mathcal{O}(0; \{2^5, 3^5, 4, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2, 3^8, 4, 12^9\})$	22369280
12	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 12^9\})$	1396736
12	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 12^9\})$	11186176
12	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 12^9\})$	5586944
12	$\mathcal{O}(0; \{3^2, 4^7, 12^9\})$	22347776
12	$\mathcal{O}(0; \{2^{10}, 4, 6, 12^9\})$	175104
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 6, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 6, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2^7, 4^3, 6, 12^9\})$	700416
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6, 12^9\})$	5591040
12	$\mathcal{O}(0; \{2^4, 4^5, 6, 12^9\})$	2801664
12	$\mathcal{O}(0; \{3^3, 4^5, 6, 12^9\})$	22364160
12	$\mathcal{O}(0; \{2, 4^7, 6, 12^9\})$	11206656
12	$\mathcal{O}(0; \{2^7, 3, 4, 6^2, 12^9\})$	699392
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^2, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^2, 12^9\})$	2797568
12	$\mathcal{O}(0; \{3^4, 4^3, 6^2, 12^9\})$	22368256

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3, 4^5, 6^2, 12^9\})$	11190272
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^3, 12^9\})$	2796544
12	$\mathcal{O}(0; \{3^5, 4, 6^3, 12^9\})$	22369280
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^3, 12^9\})$	11186176
12	$\mathcal{O}(0; \{2^5, 4, 6^4, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^4, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2^2, 4^3, 6^4, 12^9\})$	5591040
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^5, 12^9\})$	5592064
12	$\mathcal{O}(0; \{4, 6^7, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2^{10}, 3, 12^{10}\})$	349184
12	$\mathcal{O}(0; \{2^6, 3^4, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2^2, 3^7, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 12^{10}\})$	1396736
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 12^{10}\})$	5586944
12	$\mathcal{O}(0; \{3^4, 4^4, 12^{10}\})$	44744704
12	$\mathcal{O}(0; \{2, 3, 4^6, 12^{10}\})$	22347776
12	$\mathcal{O}(0; \{2^7, 3^2, 6, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2^3, 3^5, 6, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{3^5, 4^2, 6, 12^{10}\})$	44740608
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6, 12^{10}\})$	22364160
12	$\mathcal{O}(0; \{2^8, 6^2, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{2^4, 3^3, 6^2, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{3^6, 6^2, 12^{10}\})$	44739584
12	$\mathcal{O}(0; \{2^5, 4^2, 6^2, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^2, 12^{10}\})$	22368256
12	$\mathcal{O}(0; \{2^2, 4^4, 6^2, 12^{10}\})$	11190272
12	$\mathcal{O}(0; \{2^5, 3, 6^3, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2, 3^4, 6^3, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^3, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{2^2, 3^2, 6^4, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^3, 6^5, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{4^2, 6^5, 12^{10}\})$	22368256
12	$\mathcal{O}(0; \{3, 6^6, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2^8, 4, 12^{11}\})$	1396736
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{3^6, 4, 12^{11}\})$	89477120
12	$\mathcal{O}(0; \{2^5, 4^3, 12^{11}\})$	5586944
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 12^{11}\})$	44744704
12	$\mathcal{O}(0; \{2^2, 4^5, 12^{11}\})$	22347776
12	$\mathcal{O}(0; \{2^5, 3, 4, 6, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{2, 3^4, 4, 6, 12^{11}\})$	44740608

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6, 12^{11}\})$	22364160
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^2, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{2^3, 4, 6^3, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{4^3, 6^3, 12^{11}\})$	44744704
12	$\mathcal{O}(0; \{3, 4, 6^4, 12^{11}\})$	44740608
12	$\mathcal{O}(0; \{2^5, 3^2, 12^{12}\})$	11186176
12	$\mathcal{O}(0; \{2, 3^5, 12^{12}\})$	89477120
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 12^{12}\})$	44744704
12	$\mathcal{O}(0; \{2^6, 6, 12^{12}\})$	5591040
12	$\mathcal{O}(0; \{2^2, 3^3, 6, 12^{12}\})$	44740608
12	$\mathcal{O}(0; \{2^3, 4^2, 6, 12^{12}\})$	22364160
12	$\mathcal{O}(0; \{4^4, 6, 12^{12}\})$	89456640
12	$\mathcal{O}(0; \{2^3, 3, 6^2, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{3, 4^2, 6^2, 12^{12}\})$	89473024
12	$\mathcal{O}(0; \{3^2, 6^3, 12^{12}\})$	89477120
12	$\mathcal{O}(0; \{2, 6^4, 12^{12}\})$	44740608
12	$\mathcal{O}(0; \{2^3, 3, 4, 12^{13}\})$	44744704
12	$\mathcal{O}(0; \{3, 4^3, 12^{13}\})$	178978816
12	$\mathcal{O}(0; \{3^2, 4, 6, 12^{13}\})$	178962432
12	$\mathcal{O}(0; \{2, 4, 6^2, 12^{13}\})$	89473024
12	$\mathcal{O}(0; \{2^4, 12^{14}\})$	44744704
12	$\mathcal{O}(0; \{3^3, 12^{14}\})$	357908480
12	$\mathcal{O}(0; \{2, 4^2, 12^{14}\})$	178978816
12	$\mathcal{O}(0; \{2, 3, 6, 12^{14}\})$	178962432
13	$\mathcal{O}(6; \{13^2\})$	279577021469772
13	$\mathcal{O}(0; \{13^{15}\})$	1185155505737412
14	$\mathcal{O}(6; \{2^2\})$	56693912371200
14	$\mathcal{O}(5; \{2^6\})$	289254653952
14	$\mathcal{O}(4; \{2^{10}\})$	1475788800
14	$\mathcal{O}(4; \{2^3, 7^3, 14\})$	274496764416
14	$\mathcal{O}(4; \{2, 7^2, 14^3\})$	1638125852160
14	$\mathcal{O}(3; \{2^{14}\})$	7529472
14	$\mathcal{O}(3; \{2^2, 7^7\})$	301106144640
14	$\mathcal{O}(3; \{2^7, 7^3, 14\})$	1400493696
14	$\mathcal{O}(3; \{7^6, 14^2\})$	1806682045056
14	$\mathcal{O}(3; \{2^5, 7^2, 14^3\})$	8357784960
14	$\mathcal{O}(3; \{2^3, 7, 14^5\})$	50191886976
14	$\mathcal{O}(3; \{2, 14^7\})$	301106144640
14	$\mathcal{O}(2; \{2^{18}\})$	38400
14	$\mathcal{O}(2; \{2^6, 7^7\})$	1536255840
14	$\mathcal{O}(2; \{2^{11}, 7^3, 14\})$	7145376
14	$\mathcal{O}(2; \{2^4, 7^6, 14^2\})$	9217765536
14	$\mathcal{O}(2; \{2^9, 7^2, 14^3\})$	42641760

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(2; \{2^2, 7^5, 14^4\})$	55306362720
14	$\mathcal{O}(2; \{2^7, 7, 14^5\})$	256081056
14	$\mathcal{O}(2; \{7^4, 14^6\})$	331838406816
14	$\mathcal{O}(2; \{2^5, 14^7\})$	1536255840
14	$\mathcal{O}(1; \{2^{22}\})$	192
14	$\mathcal{O}(1; \{2^{10}, 7^7\})$	7838040
14	$\mathcal{O}(1; \{2^{15}, 7^3, 14\})$	36456
14	$\mathcal{O}(1; \{2^3, 7^{10}, 14\})$	10158317400
14	$\mathcal{O}(1; \{2^8, 7^6, 14^2\})$	47029416
14	$\mathcal{O}(1; \{2^{13}, 7^2, 14^3\})$	217560
14	$\mathcal{O}(1; \{2, 7^9, 14^3\})$	60949905576
14	$\mathcal{O}(1; \{2^6, 7^5, 14^4\})$	282175320
14	$\mathcal{O}(1; \{2^{11}, 7, 14^5\})$	1306536
14	$\mathcal{O}(1; \{2^4, 7^4, 14^6\})$	1693053096
14	$\mathcal{O}(1; \{2^9, 14^7\})$	7838040
14	$\mathcal{O}(1; \{2^2, 7^3, 14^8\})$	10158317400
14	$\mathcal{O}(1; \{7^2, 14^{10}\})$	60949905576
14	$\mathcal{O}(0; \{2^{14}, 7^7\})$	39990
14	$\mathcal{O}(0; \{2^2, 7^{14}\})$	11194880586
14	$\mathcal{O}(0; \{2^{19}, 7^3, 14\})$	186
14	$\mathcal{O}(0; \{2^7, 7^{10}, 14\})$	51828150
14	$\mathcal{O}(0; \{2^{12}, 7^6, 14^2\})$	239946
14	$\mathcal{O}(0; \{7^{13}, 14^2\})$	67169283510
14	$\mathcal{O}(0; \{2^{17}, 7^2, 14^3\})$	1110
14	$\mathcal{O}(0; \{2^5, 7^9, 14^3\})$	310968906
14	$\mathcal{O}(0; \{2^{10}, 7^5, 14^4\})$	1439670
14	$\mathcal{O}(0; \{2^{15}, 7, 14^5\})$	6666
14	$\mathcal{O}(0; \{2^3, 7^8, 14^5\})$	1865813430
14	$\mathcal{O}(0; \{2^8, 7^4, 14^6\})$	8638026
14	$\mathcal{O}(0; \{2^{13}, 14^7\})$	39990
14	$\mathcal{O}(0; \{2, 7^7, 14^7\})$	11194880586
14	$\mathcal{O}(0; \{2^6, 7^3, 14^8\})$	51828150
14	$\mathcal{O}(0; \{2^4, 7^2, 14^{10}\})$	310968906
14	$\mathcal{O}(0; \{2^2, 7, 14^{12}\})$	1865813430
14	$\mathcal{O}(0; \{14^{14}\})$	11194880586
15	$\mathcal{O}(4; \{3^4, 5^2\})$	61509375000
15	$\mathcal{O}(4; \{5^3, 15^2\})$	1045659375000
15	$\mathcal{O}(4; \{3, 5, 15^3\})$	799621875000
15	$\mathcal{O}(3; \{3^7, 5^2\})$	1913625000
15	$\mathcal{O}(3; \{3^2, 5^5, 15\})$	18680625000
15	$\mathcal{O}(3; \{3^3, 5^3, 15^2\})$	23236875000
15	$\mathcal{O}(3; \{3^4, 5, 15^3\})$	24877125000
15	$\mathcal{O}(3; \{5^2, 15^5\})$	373156875000

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(3; \{3, 15^6\})$	392293125000
15	$\mathcal{O}(2; \{3^{10}, 5^2\})$	69255000
15	$\mathcal{O}(2; \{3^4, 5^7\})$	995085000
15	$\mathcal{O}(2; \{3^5, 5^5, 15\})$	913275000
15	$\mathcal{O}(2; \{3^6, 5^3, 15^2\})$	888165000
15	$\mathcal{O}(2; \{5^8, 15^2\})$	21233745000
15	$\mathcal{O}(2; \{3^7, 5, 15^3\})$	900315000
15	$\mathcal{O}(2; \{3, 5^6, 15^3\})$	15925005000
15	$\mathcal{O}(2; \{3^2, 5^4, 15^4\})$	14599035000
15	$\mathcal{O}(2; \{3^3, 5^2, 15^5\})$	14262885000
15	$\mathcal{O}(2; \{3^4, 15^6\})$	14197275000
15	$\mathcal{O}(2; \{5, 15^8\})$	228258405000
15	$\mathcal{O}(1; \{3^{13}, 5^2\})$	2457000
15	$\mathcal{O}(1; \{3^7, 5^7\})$	30958200
15	$\mathcal{O}(1; \{3^8, 5^5, 15\})$	31365000
15	$\mathcal{O}(1; \{3^2, 5^{10}, 15\})$	377487000
15	$\mathcal{O}(1; \{3^9, 5^3, 15^2\})$	31303800
15	$\mathcal{O}(1; \{3^3, 5^8, 15^2\})$	471861000
15	$\mathcal{O}(1; \{3^{10}, 5, 15^3\})$	31941000
15	$\mathcal{O}(1; \{3^4, 5^6, 15^3\})$	495444600
15	$\mathcal{O}(1; \{3^5, 5^4, 15^4\})$	501381000
15	$\mathcal{O}(1; \{3^6, 5^2, 15^5\})$	502702200
15	$\mathcal{O}(1; \{5^7, 15^5\})$	7549749000
15	$\mathcal{O}(1; \{3^7, 15^6\})$	503685000
15	$\mathcal{O}(1; \{3, 5^5, 15^6\})$	7927227000
15	$\mathcal{O}(1; \{3^2, 5^3, 15^7\})$	8021637000
15	$\mathcal{O}(1; \{3^3, 5, 15^8\})$	8045076600
15	$\mathcal{O}(1; \{15^{11}\})$	128723067000
15	$\mathcal{O}(0; \{3^{16}, 5^2\})$	87384
15	$\mathcal{O}(0; \{3^{10}, 5^7\})$	1120392
15	$\mathcal{O}(0; \{3^4, 5^{12}\})$	20132664
15	$\mathcal{O}(0; \{3^{11}, 5^5, 15\})$	1120120
15	$\mathcal{O}(0; \{3^5, 5^{10}, 15\})$	18454920
15	$\mathcal{O}(0; \{3^{12}, 5^3, 15^2\})$	1114248
15	$\mathcal{O}(0; \{3^6, 5^8, 15^2\})$	18035576
15	$\mathcal{O}(0; \{5^{13}, 15^2\})$	429496728
15	$\mathcal{O}(0; \{3^{13}, 5, 15^3\})$	1135992
15	$\mathcal{O}(0; \{3^7, 5^6, 15^3\})$	17930376
15	$\mathcal{O}(0; \{3, 5^{11}, 15^3\})$	322122552
15	$\mathcal{O}(0; \{3^8, 5^4, 15^4\})$	17905528
15	$\mathcal{O}(0; \{3^2, 5^9, 15^4\})$	295278984
15	$\mathcal{O}(0; \{3^9, 5^2, 15^5\})$	17893512
15	$\mathcal{O}(0; \{3^3, 5^7, 15^5\})$	288568184

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{3^{10}, 15^6\})$	17913720
15	$\mathcal{O}(0; \{3^4, 5^5, 15^6\})$	286890120
15	$\mathcal{O}(0; \{3^5, 5^3, 15^7\})$	286472056
15	$\mathcal{O}(0; \{3^6, 5, 15^8\})$	286361736
15	$\mathcal{O}(0; \{5^6, 15^8\})$	4617089912
15	$\mathcal{O}(0; \{3, 5^4, 15^9\})$	4590246024
15	$\mathcal{O}(0; \{3^2, 5^2, 15^{10}\})$	4583536504
15	$\mathcal{O}(0; \{3^3, 15^{11}\})$	4581853320
16	$\mathcal{O}(4; \{2^2, 4, 16^2\})$	68719476736
16	$\mathcal{O}(4; \{8^2, 16^2\})$	549755813888
16	$\mathcal{O}(3; \{2^6, 4, 16^2\})$	268435456
16	$\mathcal{O}(3; \{2^3, 4^3, 16^2\})$	1073741824
16	$\mathcal{O}(3; \{4^5, 16^2\})$	4294967296
16	$\mathcal{O}(3; \{2^4, 8^2, 16^2\})$	2147483648
16	$\mathcal{O}(3; \{2, 4^2, 8^2, 16^2\})$	8589934592
16	$\mathcal{O}(3; \{2^2, 8, 16^4\})$	34359738368
16	$\mathcal{O}(3; \{16^6\})$	549755813888
16	$\mathcal{O}(2; \{2^{10}, 4, 16^2\})$	1048576
16	$\mathcal{O}(2; \{2^7, 4^3, 16^2\})$	4194304
16	$\mathcal{O}(2; \{2^4, 4^5, 16^2\})$	16777216
16	$\mathcal{O}(2; \{2, 4^7, 16^2\})$	67108864
16	$\mathcal{O}(2; \{2^8, 8^2, 16^2\})$	8388608
16	$\mathcal{O}(2; \{2^5, 4^2, 8^2, 16^2\})$	33554432
16	$\mathcal{O}(2; \{2^2, 4^4, 8^2, 16^2\})$	134217728
16	$\mathcal{O}(2; \{2^3, 4, 8^4, 16^2\})$	268435456
16	$\mathcal{O}(2; \{4^3, 8^4, 16^2\})$	1073741824
16	$\mathcal{O}(2; \{2, 8^6, 16^2\})$	2147483648
16	$\mathcal{O}(2; \{2^6, 8, 16^4\})$	134217728
16	$\mathcal{O}(2; \{2^3, 4^2, 8, 16^4\})$	536870912
16	$\mathcal{O}(2; \{4^4, 8, 16^4\})$	2147483648
16	$\mathcal{O}(2; \{2, 4, 8^3, 16^4\})$	4294967296
16	$\mathcal{O}(2; \{2^4, 16^6\})$	2147483648
16	$\mathcal{O}(2; \{2, 4^2, 16^6\})$	8589934592
16	$\mathcal{O}(1; \{2^{14}, 4, 16^2\})$	4096
16	$\mathcal{O}(1; \{2^{11}, 4^3, 16^2\})$	16384
16	$\mathcal{O}(1; \{2^8, 4^5, 16^2\})$	65536
16	$\mathcal{O}(1; \{2^5, 4^7, 16^2\})$	262144
16	$\mathcal{O}(1; \{2^2, 4^9, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2^{12}, 8^2, 16^2\})$	32768
16	$\mathcal{O}(1; \{2^9, 4^2, 8^2, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^6, 4^4, 8^2, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^3, 4^6, 8^2, 16^2\})$	2097152
16	$\mathcal{O}(1; \{4^8, 8^2, 16^2\})$	8388608

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{2^7, 4, 8^4, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2^4, 4^3, 8^4, 16^2\})$	4194304
16	$\mathcal{O}(1; \{2, 4^5, 8^4, 16^2\})$	16777216
16	$\mathcal{O}(1; \{2^5, 8^6, 16^2\})$	8388608
16	$\mathcal{O}(1; \{2^2, 4^2, 8^6, 16^2\})$	33554432
16	$\mathcal{O}(1; \{4, 8^8, 16^2\})$	268435456
16	$\mathcal{O}(1; \{2^{10}, 8, 16^4\})$	524288
16	$\mathcal{O}(1; \{2^7, 4^2, 8, 16^4\})$	2097152
16	$\mathcal{O}(1; \{2^4, 4^4, 8, 16^4\})$	8388608
16	$\mathcal{O}(1; \{2, 4^6, 8, 16^4\})$	33554432
16	$\mathcal{O}(1; \{2^5, 4, 8^3, 16^4\})$	16777216
16	$\mathcal{O}(1; \{2^2, 4^3, 8^3, 16^4\})$	67108864
16	$\mathcal{O}(1; \{2^3, 8^5, 16^4\})$	134217728
16	$\mathcal{O}(1; \{4^2, 8^5, 16^4\})$	536870912
16	$\mathcal{O}(1; \{2^8, 16^6\})$	8388608
16	$\mathcal{O}(1; \{2^5, 4^2, 16^6\})$	33554432
16	$\mathcal{O}(1; \{2^2, 4^4, 16^6\})$	134217728
16	$\mathcal{O}(1; \{2^3, 4, 8^2, 16^6\})$	268435456
16	$\mathcal{O}(1; \{4^3, 8^2, 16^6\})$	1073741824
16	$\mathcal{O}(1; \{2, 8^4, 16^6\})$	2147483648
16	$\mathcal{O}(1; \{2, 4, 8, 16^8\})$	4294967296
16	$\mathcal{O}(0; \{2^{18}, 4, 16^2\})$	16
16	$\mathcal{O}(0; \{2^{15}, 4^3, 16^2\})$	64
16	$\mathcal{O}(0; \{2^{12}, 4^5, 16^2\})$	256
16	$\mathcal{O}(0; \{2^9, 4^7, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^6, 4^9, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^3, 4^{11}, 16^2\})$	16384
16	$\mathcal{O}(0; \{4^{13}, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^{16}, 8^2, 16^2\})$	128
16	$\mathcal{O}(0; \{2^{13}, 4^2, 8^2, 16^2\})$	512
16	$\mathcal{O}(0; \{2^{10}, 4^4, 8^2, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^7, 4^6, 8^2, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^4, 4^8, 8^2, 16^2\})$	32768
16	$\mathcal{O}(0; \{2, 4^{10}, 8^2, 16^2\})$	131072
16	$\mathcal{O}(0; \{2^{11}, 4, 8^4, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^8, 4^3, 8^4, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^5, 4^5, 8^4, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^2, 4^7, 8^4, 16^2\})$	262144
16	$\mathcal{O}(0; \{2^9, 8^6, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^6, 4^2, 8^6, 16^2\})$	131072
16	$\mathcal{O}(0; \{2^3, 4^4, 8^6, 16^2\})$	524288
16	$\mathcal{O}(0; \{4^6, 8^6, 16^2\})$	2097152
16	$\mathcal{O}(0; \{2^4, 4, 8^8, 16^2\})$	1048576

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{2, 4^3, 8^8, 16^2\})$	4194304
16	$\mathcal{O}(0; \{2^2, 8^{10}, 16^2\})$	8388608
16	$\mathcal{O}(0; \{2^{14}, 8, 16^4\})$	2048
16	$\mathcal{O}(0; \{2^{11}, 4^2, 8, 16^4\})$	8192
16	$\mathcal{O}(0; \{2^8, 4^4, 8, 16^4\})$	32768
16	$\mathcal{O}(0; \{2^5, 4^6, 8, 16^4\})$	131072
16	$\mathcal{O}(0; \{2^2, 4^8, 8, 16^4\})$	524288
16	$\mathcal{O}(0; \{2^9, 4, 8^3, 16^4\})$	65536
16	$\mathcal{O}(0; \{2^6, 4^3, 8^3, 16^4\})$	262144
16	$\mathcal{O}(0; \{2^3, 4^5, 8^3, 16^4\})$	1048576
16	$\mathcal{O}(0; \{4^7, 8^3, 16^4\})$	4194304
16	$\mathcal{O}(0; \{2^7, 8^5, 16^4\})$	524288
16	$\mathcal{O}(0; \{2^4, 4^2, 8^5, 16^4\})$	2097152
16	$\mathcal{O}(0; \{2, 4^4, 8^5, 16^4\})$	8388608
16	$\mathcal{O}(0; \{2^2, 4, 8^7, 16^4\})$	16777216
16	$\mathcal{O}(0; \{8^9, 16^4\})$	134217728
16	$\mathcal{O}(0; \{2^{12}, 16^6\})$	32768
16	$\mathcal{O}(0; \{2^9, 4^2, 16^6\})$	131072
16	$\mathcal{O}(0; \{2^6, 4^4, 16^6\})$	524288
16	$\mathcal{O}(0; \{2^3, 4^6, 16^6\})$	2097152
16	$\mathcal{O}(0; \{4^8, 16^6\})$	8388608
16	$\mathcal{O}(0; \{2^7, 4, 8^2, 16^6\})$	1048576
16	$\mathcal{O}(0; \{2^4, 4^3, 8^2, 16^6\})$	4194304
16	$\mathcal{O}(0; \{2, 4^5, 8^2, 16^6\})$	16777216
16	$\mathcal{O}(0; \{2^5, 8^4, 16^6\})$	8388608
16	$\mathcal{O}(0; \{2^2, 4^2, 8^4, 16^6\})$	33554432
16	$\mathcal{O}(0; \{4, 8^6, 16^6\})$	268435456
16	$\mathcal{O}(0; \{2^5, 4, 8, 16^8\})$	16777216
16	$\mathcal{O}(0; \{2^2, 4^3, 8, 16^8\})$	67108864
16	$\mathcal{O}(0; \{2^3, 8^3, 16^8\})$	134217728
16	$\mathcal{O}(0; \{4^2, 8^3, 16^8\})$	536870912
16	$\mathcal{O}(0; \{2^3, 4, 16^{10}\})$	268435456
16	$\mathcal{O}(0; \{4^3, 16^{10}\})$	1073741824
16	$\mathcal{O}(0; \{2, 8^2, 16^{10}\})$	2147483648
18	$\mathcal{O}(4; \{3, 18^2\})$	132239526912
18	$\mathcal{O}(3; \{2^2, 9^4\})$	5509980288
18	$\mathcal{O}(3; \{2, 3^2, 9^2, 18\})$	2448880128
18	$\mathcal{O}(3; \{2^2, 6, 9^2, 18\})$	1224440064
18	$\mathcal{O}(3; \{2^4, 3, 18^2\})$	408146688
18	$\mathcal{O}(3; \{3^4, 18^2\})$	3265173504
18	$\mathcal{O}(3; \{2, 3^2, 6, 18^2\})$	1632586752
18	$\mathcal{O}(3; \{2^2, 6^2, 18^2\})$	816293376
18	$\mathcal{O}(3; \{9^3, 18^2\})$	27549901440

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(3; \{6, 9, 18^3\})$	11019960576
18	$\mathcal{O}(2; \{2^6, 9^4\})$	17006112
18	$\mathcal{O}(2; \{2^2, 3^3, 9^4\})$	136048896
18	$\mathcal{O}(2; \{2^3, 3, 6, 9^4\})$	68024448
18	$\mathcal{O}(2; \{3^2, 6^2, 9^4\})$	272097792
18	$\mathcal{O}(2; \{2, 6^3, 9^4\})$	136048896
18	$\mathcal{O}(2; \{2^5, 3^2, 9^2, 18\})$	7558272
18	$\mathcal{O}(2; \{2, 3^5, 9^2, 18\})$	60466176
18	$\mathcal{O}(2; \{2^6, 6, 9^2, 18\})$	3779136
18	$\mathcal{O}(2; \{2^2, 3^3, 6, 9^2, 18\})$	30233088
18	$\mathcal{O}(2; \{2^3, 3, 6^2, 9^2, 18\})$	15116544
18	$\mathcal{O}(2; \{3^2, 6^3, 9^2, 18\})$	60466176
18	$\mathcal{O}(2; \{2, 6^4, 9^2, 18\})$	30233088
18	$\mathcal{O}(2; \{2, 3, 9^5, 18\})$	1122403392
18	$\mathcal{O}(2; \{2^8, 3, 18^2\})$	1259712
18	$\mathcal{O}(2; \{2^4, 3^4, 18^2\})$	10077696
18	$\mathcal{O}(2; \{3^7, 18^2\})$	80621568
18	$\mathcal{O}(2; \{2^5, 3^2, 6, 18^2\})$	5038848
18	$\mathcal{O}(2; \{2, 3^5, 6, 18^2\})$	40310784
18	$\mathcal{O}(2; \{2^6, 6^2, 18^2\})$	2519424
18	$\mathcal{O}(2; \{2^2, 3^3, 6^2, 18^2\})$	20155392
18	$\mathcal{O}(2; \{2^3, 3, 6^3, 18^2\})$	10077696
18	$\mathcal{O}(2; \{3^2, 6^4, 18^2\})$	40310784
18	$\mathcal{O}(2; \{2, 6^5, 18^2\})$	20155392
18	$\mathcal{O}(2; \{2^4, 9^3, 18^2\})$	85030560
18	$\mathcal{O}(2; \{3^3, 9^3, 18^2\})$	680244480
18	$\mathcal{O}(2; \{2, 3, 6, 9^3, 18^2\})$	340122240
18	$\mathcal{O}(2; \{2^3, 3^2, 9, 18^3\})$	68024448
18	$\mathcal{O}(2; \{2^4, 6, 9, 18^3\})$	34012224
18	$\mathcal{O}(2; \{3^3, 6, 9, 18^3\})$	272097792
18	$\mathcal{O}(2; \{2, 3, 6^2, 9, 18^3\})$	136048896
18	$\mathcal{O}(2; \{2^2, 9^2, 18^4\})$	561201696
18	$\mathcal{O}(2; \{2, 3^2, 18^5\})$	340122240
18	$\mathcal{O}(2; \{2^2, 6, 18^5\})$	170061120
18	$\mathcal{O}(2; \{9, 18^6\})$	3214155168
18	$\mathcal{O}(1; \{2^{10}, 9^4\})$	52488
18	$\mathcal{O}(1; \{2^6, 3^3, 9^4\})$	419904
18	$\mathcal{O}(1; \{2^2, 3^6, 9^4\})$	3359232
18	$\mathcal{O}(1; \{2^7, 3, 6, 9^4\})$	209952
18	$\mathcal{O}(1; \{2^3, 3^4, 6, 9^4\})$	1679616
18	$\mathcal{O}(1; \{2^4, 3^2, 6^2, 9^4\})$	839808
18	$\mathcal{O}(1; \{3^5, 6^2, 9^4\})$	6718464
18	$\mathcal{O}(1; \{2^5, 6^3, 9^4\})$	419904

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2, 3^3, 6^3, 9^4\})$	3359232
18	$\mathcal{O}(1; \{2^2, 3, 6^4, 9^4\})$	1679616
18	$\mathcal{O}(1; \{6^6, 9^4\})$	3359232
18	$\mathcal{O}(1; \{2^2, 3^2, 9^7\})$	39680928
18	$\mathcal{O}(1; \{2^3, 6, 9^7\})$	19840464
18	$\mathcal{O}(1; \{3, 6^2, 9^7\})$	79361856
18	$\mathcal{O}(1; \{2^9, 3^2, 9^2, 18\})$	23328
18	$\mathcal{O}(1; \{2^5, 3^5, 9^2, 18\})$	186624
18	$\mathcal{O}(1; \{2, 3^8, 9^2, 18\})$	1492992
18	$\mathcal{O}(1; \{2^{10}, 6, 9^2, 18\})$	11664
18	$\mathcal{O}(1; \{2^6, 3^3, 6, 9^2, 18\})$	93312
18	$\mathcal{O}(1; \{2^2, 3^6, 6, 9^2, 18\})$	746496
18	$\mathcal{O}(1; \{2^7, 3, 6^2, 9^2, 18\})$	46656
18	$\mathcal{O}(1; \{2^3, 3^4, 6^2, 9^2, 18\})$	373248
18	$\mathcal{O}(1; \{2^4, 3^2, 6^3, 9^2, 18\})$	186624
18	$\mathcal{O}(1; \{3^5, 6^3, 9^2, 18\})$	1492992
18	$\mathcal{O}(1; \{2^5, 6^4, 9^2, 18\})$	93312
18	$\mathcal{O}(1; \{2, 3^3, 6^4, 9^2, 18\})$	746496
18	$\mathcal{O}(1; \{2^2, 3, 6^5, 9^2, 18\})$	373248
18	$\mathcal{O}(1; \{6^7, 9^2, 18\})$	746496
18	$\mathcal{O}(1; \{2^5, 3, 9^5, 18\})$	3464208
18	$\mathcal{O}(1; \{2, 3^4, 9^5, 18\})$	27713664
18	$\mathcal{O}(1; \{2^2, 3^2, 6, 9^5, 18\})$	13856832
18	$\mathcal{O}(1; \{2^3, 6^2, 9^5, 18\})$	6928416
18	$\mathcal{O}(1; \{3, 6^3, 9^5, 18\})$	27713664
18	$\mathcal{O}(1; \{2, 9^8, 18\})$	361379880
18	$\mathcal{O}(1; \{2^{12}, 3, 18^2\})$	3888
18	$\mathcal{O}(1; \{2^8, 3^4, 18^2\})$	31104
18	$\mathcal{O}(1; \{2^4, 3^7, 18^2\})$	248832
18	$\mathcal{O}(1; \{3^{10}, 18^2\})$	1990656
18	$\mathcal{O}(1; \{2^9, 3^2, 6, 18^2\})$	15552
18	$\mathcal{O}(1; \{2^5, 3^5, 6, 18^2\})$	124416
18	$\mathcal{O}(1; \{2, 3^8, 6, 18^2\})$	995328
18	$\mathcal{O}(1; \{2^{10}, 6^2, 18^2\})$	7776
18	$\mathcal{O}(1; \{2^6, 3^3, 6^2, 18^2\})$	62208
18	$\mathcal{O}(1; \{2^2, 3^6, 6^2, 18^2\})$	497664
18	$\mathcal{O}(1; \{2^7, 3, 6^3, 18^2\})$	31104
18	$\mathcal{O}(1; \{2^3, 3^4, 6^3, 18^2\})$	248832
18	$\mathcal{O}(1; \{2^4, 3^2, 6^4, 18^2\})$	124416
18	$\mathcal{O}(1; \{3^5, 6^4, 18^2\})$	995328
18	$\mathcal{O}(1; \{2^5, 6^5, 18^2\})$	62208
18	$\mathcal{O}(1; \{2, 3^3, 6^5, 18^2\})$	497664
18	$\mathcal{O}(1; \{2^2, 3, 6^6, 18^2\})$	248832

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{6^8, 18^2\})$	497664
18	$\mathcal{O}(1; \{2^8, 9^3, 18^2\})$	262440
18	$\mathcal{O}(1; \{2^4, 3^3, 9^3, 18^2\})$	2099520
18	$\mathcal{O}(1; \{3^6, 9^3, 18^2\})$	16796160
18	$\mathcal{O}(1; \{2^5, 3, 6, 9^3, 18^2\})$	1049760
18	$\mathcal{O}(1; \{2, 3^4, 6, 9^3, 18^2\})$	8398080
18	$\mathcal{O}(1; \{2^2, 3^2, 6^2, 9^3, 18^2\})$	4199040
18	$\mathcal{O}(1; \{2^3, 6^3, 9^3, 18^2\})$	2099520
18	$\mathcal{O}(1; \{3, 6^4, 9^3, 18^2\})$	8398080
18	$\mathcal{O}(1; \{3^2, 9^6, 18^2\})$	243754272
18	$\mathcal{O}(1; \{2, 6, 9^6, 18^2\})$	121877136
18	$\mathcal{O}(1; \{2^7, 3^2, 9, 18^3\})$	209952
18	$\mathcal{O}(1; \{2^3, 3^5, 9, 18^3\})$	1679616
18	$\mathcal{O}(1; \{2^8, 6, 9, 18^3\})$	104976
18	$\mathcal{O}(1; \{2^4, 3^3, 6, 9, 18^3\})$	839808
18	$\mathcal{O}(1; \{3^6, 6, 9, 18^3\})$	6718464
18	$\mathcal{O}(1; \{2^5, 3, 6^2, 9, 18^3\})$	419904
18	$\mathcal{O}(1; \{2, 3^4, 6^2, 9, 18^3\})$	3359232
18	$\mathcal{O}(1; \{2^2, 3^2, 6^3, 9, 18^3\})$	1679616
18	$\mathcal{O}(1; \{2^3, 6^4, 9, 18^3\})$	839808
18	$\mathcal{O}(1; \{3, 6^5, 9, 18^3\})$	3359232
18	$\mathcal{O}(1; \{2^3, 3, 9^4, 18^3\})$	19840464
18	$\mathcal{O}(1; \{3^2, 6, 9^4, 18^3\})$	79361856
18	$\mathcal{O}(1; \{2, 6^2, 9^4, 18^3\})$	39680928
18	$\mathcal{O}(1; \{2^6, 9^2, 18^4\})$	1732104
18	$\mathcal{O}(1; \{2^2, 3^3, 9^2, 18^4\})$	13856832
18	$\mathcal{O}(1; \{2^3, 3, 6, 9^2, 18^4\})$	6928416
18	$\mathcal{O}(1; \{3^2, 6^2, 9^2, 18^4\})$	27713664
18	$\mathcal{O}(1; \{2, 6^3, 9^2, 18^4\})$	13856832
18	$\mathcal{O}(1; \{2^5, 3^2, 18^5\})$	1049760
18	$\mathcal{O}(1; \{2, 3^5, 18^5\})$	8398080
18	$\mathcal{O}(1; \{2^6, 6, 18^5\})$	524880
18	$\mathcal{O}(1; \{2^2, 3^3, 6, 18^5\})$	4199040
18	$\mathcal{O}(1; \{2^3, 3, 6^2, 18^5\})$	2099520
18	$\mathcal{O}(1; \{3^2, 6^3, 18^5\})$	8398080
18	$\mathcal{O}(1; \{2, 6^4, 18^5\})$	4199040
18	$\mathcal{O}(1; \{2, 3, 9^3, 18^5\})$	121877136
18	$\mathcal{O}(1; \{2^4, 9, 18^6\})$	9920232
18	$\mathcal{O}(1; \{3^3, 9, 18^6\})$	79361856
18	$\mathcal{O}(1; \{2, 3, 6, 9, 18^6\})$	39680928
18	$\mathcal{O}(1; \{2^2, 18^8\})$	60938568
18	$\mathcal{O}(0; \{2^{14}, 9^4\})$	162
18	$\mathcal{O}(0; \{2^{10}, 3^3, 9^4\})$	1296

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^6, 3^6, 9^4\})$	10368
18	$\mathcal{O}(0; \{2^2, 3^9, 9^4\})$	82944
18	$\mathcal{O}(0; \{2^{11}, 3, 6, 9^4\})$	648
18	$\mathcal{O}(0; \{2^7, 3^4, 6, 9^4\})$	5184
18	$\mathcal{O}(0; \{2^3, 3^7, 6, 9^4\})$	41472
18	$\mathcal{O}(0; \{2^8, 3^2, 6^2, 9^4\})$	2592
18	$\mathcal{O}(0; \{2^4, 3^5, 6^2, 9^4\})$	20736
18	$\mathcal{O}(0; \{3^8, 6^2, 9^4\})$	165888
18	$\mathcal{O}(0; \{2^9, 6^3, 9^4\})$	1296
18	$\mathcal{O}(0; \{2^5, 3^3, 6^3, 9^4\})$	10368
18	$\mathcal{O}(0; \{2, 3^6, 6^3, 9^4\})$	82944
18	$\mathcal{O}(0; \{2^6, 3, 6^4, 9^4\})$	5184
18	$\mathcal{O}(0; \{2^2, 3^4, 6^4, 9^4\})$	41472
18	$\mathcal{O}(0; \{2^3, 3^2, 6^5, 9^4\})$	20736
18	$\mathcal{O}(0; \{2^4, 6^6, 9^4\})$	10368
18	$\mathcal{O}(0; \{3^3, 6^6, 9^4\})$	82944
18	$\mathcal{O}(0; \{2, 3, 6^7, 9^4\})$	41472
18	$\mathcal{O}(0; \{2^6, 3^2, 9^7\})$	122472
18	$\mathcal{O}(0; \{2^2, 3^5, 9^7\})$	979776
18	$\mathcal{O}(0; \{2^7, 6, 9^7\})$	61236
18	$\mathcal{O}(0; \{2^3, 3^3, 6, 9^7\})$	489888
18	$\mathcal{O}(0; \{2^4, 3, 6^2, 9^7\})$	244944
18	$\mathcal{O}(0; \{3^4, 6^2, 9^7\})$	1959552
18	$\mathcal{O}(0; \{2, 3^2, 6^3, 9^7\})$	979776
18	$\mathcal{O}(0; \{2^2, 6^4, 9^7\})$	489888
18	$\mathcal{O}(0; \{2^2, 3, 9^{10}\})$	13463172
18	$\mathcal{O}(0; \{6^2, 9^{10}\})$	26926344
18	$\mathcal{O}(0; \{2^{13}, 3^2, 9^2, 18\})$	72
18	$\mathcal{O}(0; \{2^9, 3^5, 9^2, 18\})$	576
18	$\mathcal{O}(0; \{2^5, 3^8, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{2, 3^{11}, 9^2, 18\})$	36864
18	$\mathcal{O}(0; \{2^{14}, 6, 9^2, 18\})$	36
18	$\mathcal{O}(0; \{2^{10}, 3^3, 6, 9^2, 18\})$	288
18	$\mathcal{O}(0; \{2^6, 3^6, 6, 9^2, 18\})$	2304
18	$\mathcal{O}(0; \{2^2, 3^9, 6, 9^2, 18\})$	18432
18	$\mathcal{O}(0; \{2^{11}, 3, 6^2, 9^2, 18\})$	144
18	$\mathcal{O}(0; \{2^7, 3^4, 6^2, 9^2, 18\})$	1152
18	$\mathcal{O}(0; \{2^3, 3^7, 6^2, 9^2, 18\})$	9216
18	$\mathcal{O}(0; \{2^8, 3^2, 6^3, 9^2, 18\})$	576
18	$\mathcal{O}(0; \{2^4, 3^5, 6^3, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{3^8, 6^3, 9^2, 18\})$	36864
18	$\mathcal{O}(0; \{2^9, 6^4, 9^2, 18\})$	288
18	$\mathcal{O}(0; \{2^5, 3^3, 6^4, 9^2, 18\})$	2304

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2, 3^5, 6^4, 9^2, 18\})$	18432
18	$\mathcal{O}(0; \{2^6, 3, 6^5, 9^2, 18\})$	1152
18	$\mathcal{O}(0; \{2^2, 3^4, 6^5, 9^2, 18\})$	9216
18	$\mathcal{O}(0; \{2^3, 3^2, 6^6, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{2^4, 6^7, 9^2, 18\})$	2304
18	$\mathcal{O}(0; \{3^3, 6^7, 9^2, 18\})$	18432
18	$\mathcal{O}(0; \{2, 3, 6^8, 9^2, 18\})$	9216
18	$\mathcal{O}(0; \{2^9, 3, 9^5, 18\})$	10692
18	$\mathcal{O}(0; \{2^5, 3^4, 9^5, 18\})$	85536
18	$\mathcal{O}(0; \{2, 3^7, 9^5, 18\})$	684288
18	$\mathcal{O}(0; \{2^6, 3^2, 6, 9^5, 18\})$	42768
18	$\mathcal{O}(0; \{2^2, 3^5, 6, 9^5, 18\})$	342144
18	$\mathcal{O}(0; \{2^7, 6^2, 9^5, 18\})$	21384
18	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 9^5, 18\})$	171072
18	$\mathcal{O}(0; \{2^4, 3, 6^3, 9^5, 18\})$	85536
18	$\mathcal{O}(0; \{3^4, 6^3, 9^5, 18\})$	684288
18	$\mathcal{O}(0; \{2, 3^2, 6^4, 9^5, 18\})$	342144
18	$\mathcal{O}(0; \{2^2, 6^5, 9^5, 18\})$	171072
18	$\mathcal{O}(0; \{2^5, 9^8, 18\})$	1115370
18	$\mathcal{O}(0; \{2, 3^3, 9^8, 18\})$	8922960
18	$\mathcal{O}(0; \{2^2, 3, 6, 9^8, 18\})$	4461480
18	$\mathcal{O}(0; \{6^3, 9^8, 18\})$	8922960
18	$\mathcal{O}(0; \{2^{16}, 3, 18^2\})$	12
18	$\mathcal{O}(0; \{2^{12}, 3^4, 18^2\})$	96
18	$\mathcal{O}(0; \{2^8, 3^7, 18^2\})$	768
18	$\mathcal{O}(0; \{2^4, 3^{10}, 18^2\})$	6144
18	$\mathcal{O}(0; \{3^{13}, 18^2\})$	49152
18	$\mathcal{O}(0; \{2^{13}, 3^2, 6, 18^2\})$	48
18	$\mathcal{O}(0; \{2^9, 3^5, 6, 18^2\})$	384
18	$\mathcal{O}(0; \{2^5, 3^8, 6, 18^2\})$	3072
18	$\mathcal{O}(0; \{2, 3^{11}, 6, 18^2\})$	24576
18	$\mathcal{O}(0; \{2^{14}, 6^2, 18^2\})$	24
18	$\mathcal{O}(0; \{2^{10}, 3^3, 6^2, 18^2\})$	192
18	$\mathcal{O}(0; \{2^6, 3^6, 6^2, 18^2\})$	1536
18	$\mathcal{O}(0; \{2^2, 3^9, 6^2, 18^2\})$	12288
18	$\mathcal{O}(0; \{2^{11}, 3, 6^3, 18^2\})$	96
18	$\mathcal{O}(0; \{2^7, 3^4, 6^3, 18^2\})$	768
18	$\mathcal{O}(0; \{2^3, 3^7, 6^3, 18^2\})$	6144
18	$\mathcal{O}(0; \{2^8, 3^2, 6^4, 18^2\})$	384
18	$\mathcal{O}(0; \{2^4, 3^5, 6^4, 18^2\})$	3072
18	$\mathcal{O}(0; \{3^8, 6^4, 18^2\})$	24576
18	$\mathcal{O}(0; \{2^9, 6^5, 18^2\})$	192
18	$\mathcal{O}(0; \{2^5, 3^3, 6^5, 18^2\})$	1536

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2, 3^6, 6^5, 18^2\})$	12288
18	$\mathcal{O}(0; \{2^6, 3, 6^6, 18^2\})$	768
18	$\mathcal{O}(0; \{2^2, 3^4, 6^6, 18^2\})$	6144
18	$\mathcal{O}(0; \{2^3, 3^2, 6^7, 18^2\})$	3072
18	$\mathcal{O}(0; \{2^4, 6^8, 18^2\})$	1536
18	$\mathcal{O}(0; \{3^3, 6^8, 18^2\})$	12288
18	$\mathcal{O}(0; \{2, 3, 6^9, 18^2\})$	6144
18	$\mathcal{O}(0; \{2^{12}, 9^3, 18^2\})$	810
18	$\mathcal{O}(0; \{2^8, 3^3, 9^3, 18^2\})$	6480
18	$\mathcal{O}(0; \{2^4, 3^6, 9^3, 18^2\})$	51840
18	$\mathcal{O}(0; \{3^9, 9^3, 18^2\})$	414720
18	$\mathcal{O}(0; \{2^9, 3, 6, 9^3, 18^2\})$	3240
18	$\mathcal{O}(0; \{2^5, 3^4, 6, 9^3, 18^2\})$	25920
18	$\mathcal{O}(0; \{2, 3^7, 6, 9^3, 18^2\})$	207360
18	$\mathcal{O}(0; \{2^6, 3^2, 6^2, 9^3, 18^2\})$	12960
18	$\mathcal{O}(0; \{2^2, 3^5, 6^2, 9^3, 18^2\})$	103680
18	$\mathcal{O}(0; \{2^7, 6^3, 9^3, 18^2\})$	6480
18	$\mathcal{O}(0; \{2^3, 3^3, 6^3, 9^3, 18^2\})$	51840
18	$\mathcal{O}(0; \{2^4, 3, 6^4, 9^3, 18^2\})$	25920
18	$\mathcal{O}(0; \{3^4, 6^4, 9^3, 18^2\})$	207360
18	$\mathcal{O}(0; \{2, 3^2, 6^5, 9^3, 18^2\})$	103680
18	$\mathcal{O}(0; \{2^2, 6^6, 9^3, 18^2\})$	51840
18	$\mathcal{O}(0; \{2^4, 3^2, 9^6, 18^2\})$	752328
18	$\mathcal{O}(0; \{3^5, 9^6, 18^2\})$	6018624
18	$\mathcal{O}(0; \{2^5, 6, 9^6, 18^2\})$	376164
18	$\mathcal{O}(0; \{2, 3^3, 6, 9^6, 18^2\})$	3009312
18	$\mathcal{O}(0; \{2^2, 3, 6^2, 9^6, 18^2\})$	1504656
18	$\mathcal{O}(0; \{6^4, 9^6, 18^2\})$	3009312
18	$\mathcal{O}(0; \{3, 9^9, 18^2\})$	80542836
18	$\mathcal{O}(0; \{2^{11}, 3^2, 9, 18^3\})$	648
18	$\mathcal{O}(0; \{2^7, 3^5, 9, 18^3\})$	5184
18	$\mathcal{O}(0; \{2^3, 3^8, 9, 18^3\})$	41472
18	$\mathcal{O}(0; \{2^{12}, 6, 9, 18^3\})$	324
18	$\mathcal{O}(0; \{2^8, 3^3, 6, 9, 18^3\})$	2592
18	$\mathcal{O}(0; \{2^4, 3^6, 6, 9, 18^3\})$	20736
18	$\mathcal{O}(0; \{3^9, 6, 9, 18^3\})$	165888
18	$\mathcal{O}(0; \{2^9, 3, 6^2, 9, 18^3\})$	1296
18	$\mathcal{O}(0; \{2^5, 3^4, 6^2, 9, 18^3\})$	10368
18	$\mathcal{O}(0; \{2, 3^7, 6^2, 9, 18^3\})$	82944
18	$\mathcal{O}(0; \{2^6, 3^2, 6^3, 9, 18^3\})$	5184
18	$\mathcal{O}(0; \{2^2, 3^5, 6^3, 9, 18^3\})$	41472
18	$\mathcal{O}(0; \{2^7, 6^4, 9, 18^3\})$	2592
18	$\mathcal{O}(0; \{2^3, 3^3, 6^4, 9, 18^3\})$	20736

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^4, 3, 6^5, 9, 18^3\})$	10368
18	$\mathcal{O}(0; \{3^4, 6^5, 9, 18^3\})$	82944
18	$\mathcal{O}(0; \{2, 3^2, 6^6, 9, 18^3\})$	41472
18	$\mathcal{O}(0; \{2^2, 6^7, 9, 18^3\})$	20736
18	$\mathcal{O}(0; \{2^7, 3, 9^4, 18^3\})$	61236
18	$\mathcal{O}(0; \{2^3, 3^4, 9^4, 18^3\})$	489888
18	$\mathcal{O}(0; \{2^4, 3^2, 6, 9^4, 18^3\})$	244944
18	$\mathcal{O}(0; \{3^5, 6, 9^4, 18^3\})$	1959552
18	$\mathcal{O}(0; \{2^5, 6^2, 9^4, 18^3\})$	122472
18	$\mathcal{O}(0; \{2, 3^3, 6^2, 9^4, 18^3\})$	979776
18	$\mathcal{O}(0; \{2^2, 3, 6^3, 9^4, 18^3\})$	489888
18	$\mathcal{O}(0; \{6^5, 9^4, 18^3\})$	979776
18	$\mathcal{O}(0; \{2^3, 9^7, 18^3\})$	6731586
18	$\mathcal{O}(0; \{3, 6, 9^7, 18^3\})$	26926344
18	$\mathcal{O}(0; \{2^{10}, 9^2, 18^4\})$	5346
18	$\mathcal{O}(0; \{2^6, 3^3, 9^2, 18^4\})$	42768
18	$\mathcal{O}(0; \{2^2, 3^6, 9^2, 18^4\})$	342144
18	$\mathcal{O}(0; \{2^7, 3, 6, 9^2, 18^4\})$	21384
18	$\mathcal{O}(0; \{2^3, 3^4, 6, 9^2, 18^4\})$	171072
18	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 9^2, 18^4\})$	85536
18	$\mathcal{O}(0; \{3^5, 6^2, 9^2, 18^4\})$	684288
18	$\mathcal{O}(0; \{2^5, 6^3, 9^2, 18^4\})$	42768
18	$\mathcal{O}(0; \{2, 3^3, 6^3, 9^2, 18^4\})$	342144
18	$\mathcal{O}(0; \{2^2, 3, 6^4, 9^2, 18^4\})$	171072
18	$\mathcal{O}(0; \{6^6, 9^2, 18^4\})$	342144
18	$\mathcal{O}(0; \{2^2, 3^2, 9^5, 18^4\})$	4461480
18	$\mathcal{O}(0; \{2^3, 6, 9^5, 18^4\})$	2230740
18	$\mathcal{O}(0; \{3, 6^2, 9^5, 18^4\})$	8922960
18	$\mathcal{O}(0; \{2^9, 3^2, 18^5\})$	3240
18	$\mathcal{O}(0; \{2^5, 3^5, 18^5\})$	25920
18	$\mathcal{O}(0; \{2, 3^8, 18^5\})$	207360
18	$\mathcal{O}(0; \{2^{10}, 6, 18^5\})$	1620
18	$\mathcal{O}(0; \{2^6, 3^3, 6, 18^5\})$	12960
18	$\mathcal{O}(0; \{2^2, 3^6, 6, 18^5\})$	103680
18	$\mathcal{O}(0; \{2^7, 3, 6^2, 18^5\})$	6480
18	$\mathcal{O}(0; \{2^3, 3^4, 6^2, 18^5\})$	51840
18	$\mathcal{O}(0; \{2^4, 3^2, 6^3, 18^5\})$	25920
18	$\mathcal{O}(0; \{3^5, 6^3, 18^5\})$	207360
18	$\mathcal{O}(0; \{2^5, 6^4, 18^5\})$	12960
18	$\mathcal{O}(0; \{2, 3^3, 6^4, 18^5\})$	103680
18	$\mathcal{O}(0; \{2^2, 3, 6^5, 18^5\})$	51840
18	$\mathcal{O}(0; \{6^7, 18^5\})$	103680
18	$\mathcal{O}(0; \{2^5, 3, 9^3, 18^5\})$	376164

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2, 3^4, 9^3, 18^5\})$	3009312
18	$\mathcal{O}(0; \{2^2, 3^2, 6, 9^3, 18^5\})$	1504656
18	$\mathcal{O}(0; \{2^3, 6^2, 9^3, 18^5\})$	752328
18	$\mathcal{O}(0; \{3, 6^3, 9^3, 18^5\})$	3009312
18	$\mathcal{O}(0; \{2, 9^6, 18^5\})$	40271418
18	$\mathcal{O}(0; \{2^8, 9, 18^6\})$	30618
18	$\mathcal{O}(0; \{2^4, 3^3, 9, 18^6\})$	244944
18	$\mathcal{O}(0; \{3^6, 9, 18^6\})$	1959552
18	$\mathcal{O}(0; \{2^5, 3, 6, 9, 18^6\})$	122472
18	$\mathcal{O}(0; \{2, 3^4, 6, 9, 18^6\})$	979776
18	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 9, 18^6\})$	489888
18	$\mathcal{O}(0; \{2^3, 6^3, 9, 18^6\})$	244944
18	$\mathcal{O}(0; \{3, 6^4, 9, 18^6\})$	979776
18	$\mathcal{O}(0; \{3^2, 9^4, 18^6\})$	26926344
18	$\mathcal{O}(0; \{2, 6, 9^4, 18^6\})$	13463172
18	$\mathcal{O}(0; \{2^3, 3, 9^2, 18^7\})$	2230740
18	$\mathcal{O}(0; \{3^2, 6, 9^2, 18^7\})$	8922960
18	$\mathcal{O}(0; \{2, 6^2, 9^2, 18^7\})$	4461480
18	$\mathcal{O}(0; \{2^6, 18^8\})$	188082
18	$\mathcal{O}(0; \{2^2, 3^3, 18^8\})$	1504656
18	$\mathcal{O}(0; \{2^3, 3, 6, 18^8\})$	752328
18	$\mathcal{O}(0; \{3^2, 6^2, 18^8\})$	3009312
18	$\mathcal{O}(0; \{2, 6^3, 18^8\})$	1504656
18	$\mathcal{O}(0; \{2, 3, 9, 18^9\})$	13463172
20	$\mathcal{O}(3; \{2, 4^2, 5, 10\})$	512000000
20	$\mathcal{O}(3; \{2^2, 5, 20^2\})$	1536000000
20	$\mathcal{O}(3; \{10^2, 20^2\})$	6656000000
20	$\mathcal{O}(2; \{2^2, 4^2, 5^4\})$	16640000
20	$\mathcal{O}(2; \{2^5, 4^2, 5, 10\})$	1280000
20	$\mathcal{O}(2; \{2^2, 4^4, 5, 10\})$	5120000
20	$\mathcal{O}(2; \{4^2, 5^3, 10^2\})$	65280000
20	$\mathcal{O}(2; \{2^3, 4^2, 10^3\})$	3840000
20	$\mathcal{O}(2; \{4^4, 10^3\})$	15360000
20	$\mathcal{O}(2; \{4, 5^5, 20\})$	262400000
20	$\mathcal{O}(2; \{2^3, 4, 5^2, 10, 20\})$	16640000
20	$\mathcal{O}(2; \{4^3, 5^2, 10, 20\})$	66560000
20	$\mathcal{O}(2; \{2, 4, 5, 10^3, 20\})$	65280000
20	$\mathcal{O}(2; \{2^6, 5, 20^2\})$	3840000
20	$\mathcal{O}(2; \{2^3, 4^2, 5, 20^2\})$	15360000
20	$\mathcal{O}(2; \{4^4, 5, 20^2\})$	61440000
20	$\mathcal{O}(2; \{2, 5^3, 10, 20^2\})$	262400000
20	$\mathcal{O}(2; \{2^4, 10^2, 20^2\})$	16640000
20	$\mathcal{O}(2; \{2, 4^2, 10^2, 20^2\})$	66560000

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{2, 4, 5^2, 20^3\})$	261120000
20	$\mathcal{O}(2; \{2^2, 10, 20^4\})$	261120000
20	$\mathcal{O}(2; \{20^6\})$	4198400000
20	$\mathcal{O}(1; \{2^6, 4^2, 5^4\})$	41600
20	$\mathcal{O}(1; \{2^3, 4^4, 5^4\})$	166400
20	$\mathcal{O}(1; \{4^6, 5^4\})$	665600
20	$\mathcal{O}(1; \{2^9, 4^2, 5, 10\})$	3200
20	$\mathcal{O}(1; \{2^6, 4^4, 5, 10\})$	12800
20	$\mathcal{O}(1; \{2^3, 4^6, 5, 10\})$	51200
20	$\mathcal{O}(1; \{4^8, 5, 10\})$	204800
20	$\mathcal{O}(1; \{2, 4^2, 5^6, 10\})$	2620800
20	$\mathcal{O}(1; \{2^4, 4^2, 5^3, 10^2\})$	163200
20	$\mathcal{O}(1; \{2, 4^4, 5^3, 10^2\})$	652800
20	$\mathcal{O}(1; \{2^7, 4^2, 10^3\})$	9600
20	$\mathcal{O}(1; \{2^4, 4^4, 10^3\})$	38400
20	$\mathcal{O}(1; \{2, 4^6, 10^3\})$	153600
20	$\mathcal{O}(1; \{2^2, 4^2, 5^2, 10^4\})$	656000
20	$\mathcal{O}(1; \{4^2, 5, 10^6\})$	2620800
20	$\mathcal{O}(1; \{2^4, 4, 5^5, 20\})$	656000
20	$\mathcal{O}(1; \{2, 4^3, 5^5, 20\})$	2624000
20	$\mathcal{O}(1; \{2^7, 4, 5^2, 10, 20\})$	41600
20	$\mathcal{O}(1; \{2^4, 4^3, 5^2, 10, 20\})$	166400
20	$\mathcal{O}(1; \{2, 4^5, 5^2, 10, 20\})$	665600
20	$\mathcal{O}(1; \{2^2, 4, 5^4, 10^2, 20\})$	2620800
20	$\mathcal{O}(1; \{2^5, 4, 5, 10^3, 20\})$	163200
20	$\mathcal{O}(1; \{2^2, 4^3, 5, 10^3, 20\})$	652800
20	$\mathcal{O}(1; \{4, 5^3, 10^4, 20\})$	10486400
20	$\mathcal{O}(1; \{2^3, 4, 10^5, 20\})$	656000
20	$\mathcal{O}(1; \{4^3, 10^5, 20\})$	2624000
20	$\mathcal{O}(1; \{2^{10}, 5, 20^2\})$	9600
20	$\mathcal{O}(1; \{2^7, 4^2, 5, 20^2\})$	38400
20	$\mathcal{O}(1; \{2^4, 4^4, 5, 20^2\})$	153600
20	$\mathcal{O}(1; \{2, 4^6, 5, 20^2\})$	614400
20	$\mathcal{O}(1; \{2^2, 5^6, 20^2\})$	10486400
20	$\mathcal{O}(1; \{2^5, 5^3, 10, 20^2\})$	656000
20	$\mathcal{O}(1; \{2^2, 4^2, 5^3, 10, 20^2\})$	2624000
20	$\mathcal{O}(1; \{2^8, 10^2, 20^2\})$	41600
20	$\mathcal{O}(1; \{2^5, 4^2, 10^2, 20^2\})$	166400
20	$\mathcal{O}(1; \{2^2, 4^4, 10^2, 20^2\})$	665600
20	$\mathcal{O}(1; \{5^5, 10^2, 20^2\})$	41942400
20	$\mathcal{O}(1; \{2^3, 5^2, 10^3, 20^2\})$	2620800
20	$\mathcal{O}(1; \{4^2, 5^2, 10^3, 20^2\})$	10483200
20	$\mathcal{O}(1; \{2, 5, 10^5, 20^2\})$	10486400

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{2^5, 4, 5^2, 20^3\})$	652800
20	$\mathcal{O}(1; \{2^2, 4^3, 5^2, 20^3\})$	2611200
20	$\mathcal{O}(1; \{4, 5^4, 10, 20^3\})$	41945600
20	$\mathcal{O}(1; \{2^3, 4, 5, 10^2, 20^3\})$	2624000
20	$\mathcal{O}(1; \{4^3, 5, 10^2, 20^3\})$	10496000
20	$\mathcal{O}(1; \{2, 4, 10^4, 20^3\})$	10483200
20	$\mathcal{O}(1; \{2^3, 5^3, 20^4\})$	10483200
20	$\mathcal{O}(1; \{4^2, 5^3, 20^4\})$	41932800
20	$\mathcal{O}(1; \{2^6, 10, 20^4\})$	652800
20	$\mathcal{O}(1; \{2^3, 4^2, 10, 20^4\})$	2611200
20	$\mathcal{O}(1; \{4^4, 10, 20^4\})$	10444800
20	$\mathcal{O}(1; \{2, 5^2, 10^2, 20^4\})$	41945600
20	$\mathcal{O}(1; \{2, 4, 5, 10, 20^5\})$	41932800
20	$\mathcal{O}(1; \{2^4, 20^6\})$	10496000
20	$\mathcal{O}(1; \{2, 4^2, 20^6\})$	41984000
20	$\mathcal{O}(0; \{2^{10}, 4^2, 5^4\})$	104
20	$\mathcal{O}(0; \{2^7, 4^4, 5^4\})$	416
20	$\mathcal{O}(0; \{2^4, 4^6, 5^4\})$	1664
20	$\mathcal{O}(0; \{2, 4^8, 5^4\})$	6656
20	$\mathcal{O}(0; \{2^2, 4^2, 5^9\})$	104856
20	$\mathcal{O}(0; \{2^{13}, 4^2, 5, 10\})$	8
20	$\mathcal{O}(0; \{2^{10}, 4^4, 5, 10\})$	32
20	$\mathcal{O}(0; \{2^7, 4^6, 5, 10\})$	128
20	$\mathcal{O}(0; \{2^4, 4^8, 5, 10\})$	512
20	$\mathcal{O}(0; \{2, 4^{10}, 5, 10\})$	2048
20	$\mathcal{O}(0; \{2^5, 4^2, 5^6, 10\})$	6552
20	$\mathcal{O}(0; \{2^2, 4^4, 5^6, 10\})$	26208
20	$\mathcal{O}(0; \{2^8, 4^2, 5^3, 10^2\})$	408
20	$\mathcal{O}(0; \{2^5, 4^4, 5^3, 10^2\})$	1632
20	$\mathcal{O}(0; \{2^2, 4^6, 5^3, 10^2\})$	6528
20	$\mathcal{O}(0; \{4^2, 5^8, 10^2\})$	419432
20	$\mathcal{O}(0; \{2^{11}, 4^2, 10^3\})$	24
20	$\mathcal{O}(0; \{2^8, 4^4, 10^3\})$	96
20	$\mathcal{O}(0; \{2^5, 4^6, 10^3\})$	384
20	$\mathcal{O}(0; \{2^2, 4^8, 10^3\})$	1536
20	$\mathcal{O}(0; \{2^3, 4^2, 5^5, 10^3\})$	26216
20	$\mathcal{O}(0; \{4^4, 5^5, 10^3\})$	104864
20	$\mathcal{O}(0; \{2^6, 4^2, 5^2, 10^4\})$	1640
20	$\mathcal{O}(0; \{2^3, 4^4, 5^2, 10^4\})$	6560
20	$\mathcal{O}(0; \{4^6, 5^2, 10^4\})$	26240
20	$\mathcal{O}(0; \{2, 4^2, 5^4, 10^5\})$	104856
20	$\mathcal{O}(0; \{2^4, 4^2, 5, 10^6\})$	6552
20	$\mathcal{O}(0; \{2, 4^4, 5, 10^6\})$	26208

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Table 8 – continued from previous page

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

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{4^8, 10^2, 20^2\})$	26624
20	$\mathcal{O}(0; \{2^4, 5^5, 10^2, 20^2\})$	104856
20	$\mathcal{O}(0; \{2, 4^2, 5^5, 10^2, 20^2\})$	419424
20	$\mathcal{O}(0; \{2^7, 5^2, 10^3, 20^2\})$	6552
20	$\mathcal{O}(0; \{2^4, 4^2, 5^2, 10^3, 20^2\})$	26208
20	$\mathcal{O}(0; \{2, 4^4, 5^2, 10^3, 20^2\})$	104832
20	$\mathcal{O}(0; \{2^2, 5^4, 10^4, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^5, 5, 10^5, 20^2\})$	26216
20	$\mathcal{O}(0; \{2^2, 4^2, 5, 10^5, 20^2\})$	104864
20	$\mathcal{O}(0; \{5^3, 10^6, 20^2\})$	1677720
20	$\mathcal{O}(0; \{2^3, 10^7, 20^2\})$	104856
20	$\mathcal{O}(0; \{4^2, 10^7, 20^2\})$	419424
20	$\mathcal{O}(0; \{2^9, 4, 5^2, 20^3\})$	1632
20	$\mathcal{O}(0; \{2^6, 4^3, 5^2, 20^3\})$	6528
20	$\mathcal{O}(0; \{2^3, 4^5, 5^2, 20^3\})$	26112
20	$\mathcal{O}(0; \{4^7, 5^2, 20^3\})$	104448
20	$\mathcal{O}(0; \{2, 4, 5^7, 20^3\})$	1677728
20	$\mathcal{O}(0; \{2^4, 4, 5^4, 10, 20^3\})$	104864
20	$\mathcal{O}(0; \{2, 4^3, 5^4, 10, 20^3\})$	419456
20	$\mathcal{O}(0; \{2^7, 4, 5, 10^2, 20^3\})$	6560
20	$\mathcal{O}(0; \{2^4, 4^3, 5, 10^2, 20^3\})$	26240
20	$\mathcal{O}(0; \{2, 4^5, 5, 10^2, 20^3\})$	104960
20	$\mathcal{O}(0; \{2^2, 4, 5^3, 10^3, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^5, 4, 10^4, 20^3\})$	26208
20	$\mathcal{O}(0; \{2^2, 4^3, 10^4, 20^3\})$	104832
20	$\mathcal{O}(0; \{4, 5^2, 10^5, 20^3\})$	1677728
20	$\mathcal{O}(0; \{2^7, 5^3, 20^4\})$	26208
20	$\mathcal{O}(0; \{2^4, 4^2, 5^3, 20^4\})$	104832
20	$\mathcal{O}(0; \{2, 4^4, 5^3, 20^4\})$	419328
20	$\mathcal{O}(0; \{2^{10}, 10, 20^4\})$	1632
20	$\mathcal{O}(0; \{2^7, 4^2, 10, 20^4\})$	6528
20	$\mathcal{O}(0; \{2^4, 4^4, 10, 20^4\})$	26112
20	$\mathcal{O}(0; \{2, 4^6, 10, 20^4\})$	104448
20	$\mathcal{O}(0; \{2^2, 5^5, 10, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^5, 5^2, 10^2, 20^4\})$	104864
20	$\mathcal{O}(0; \{2^2, 4^2, 5^2, 10^2, 20^4\})$	419456
20	$\mathcal{O}(0; \{5^4, 10^3, 20^4\})$	6710880
20	$\mathcal{O}(0; \{2^3, 5, 10^4, 20^4\})$	419424
20	$\mathcal{O}(0; \{4^2, 5, 10^4, 20^4\})$	1677696
20	$\mathcal{O}(0; \{2, 10^6, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^2, 4, 5^4, 20^5\})$	1677696
20	$\mathcal{O}(0; \{2^5, 4, 5, 10, 20^5\})$	104832
20	$\mathcal{O}(0; \{2^2, 4^3, 5, 10, 20^5\})$	419328

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{4, 5^3, 10^2, 20^5\})$	6710912
20	$\mathcal{O}(0; \{2^3, 4, 10^3, 20^5\})$	419456
20	$\mathcal{O}(0; \{4^3, 10^3, 20^5\})$	1677824
20	$\mathcal{O}(0; \{2^8, 20^6\})$	26240
20	$\mathcal{O}(0; \{2^5, 4^2, 20^6\})$	104960
20	$\mathcal{O}(0; \{2^2, 4^4, 20^6\})$	419840
20	$\mathcal{O}(0; \{5^5, 20^6\})$	26843520
20	$\mathcal{O}(0; \{2^3, 5^2, 10, 20^6\})$	1677696
20	$\mathcal{O}(0; \{4^2, 5^2, 10, 20^6\})$	6710784
20	$\mathcal{O}(0; \{2, 5, 10^3, 20^6\})$	6710912
20	$\mathcal{O}(0; \{2^3, 4, 5, 20^7\})$	1677824
20	$\mathcal{O}(0; \{4^3, 5, 20^7\})$	6711296
20	$\mathcal{O}(0; \{2, 4, 10^2, 20^7\})$	6710784
20	$\mathcal{O}(0; \{2, 5^2, 20^8\})$	26843648
21	$\mathcal{O}(4; \{3^2\})$	75645705600
21	$\mathcal{O}(3; \{3^5\})$	857653920
21	$\mathcal{O}(3; \{3, 7^2, 21\})$	5145967260
21	$\mathcal{O}(2; \{3^8\})$	16718400
21	$\mathcal{O}(2; \{3^4, 7^2, 21\})$	58344300
21	$\mathcal{O}(2; \{7^4, 21^2\})$	2592820692
21	$\mathcal{O}(2; \{3, 7, 21^4\})$	2158739100
21	$\mathcal{O}(1; \{3^{11}\})$	294624
21	$\mathcal{O}(1; \{3^2, 7^7\})$	35271180
21	$\mathcal{O}(1; \{3^7, 7^2, 21\})$	1137780
21	$\mathcal{O}(1; \{3^3, 7^4, 21^2\})$	29397060
21	$\mathcal{O}(1; \{3^4, 7, 21^4\})$	42097860
21	$\mathcal{O}(1; \{7^3, 21^5\})$	1058161860
21	$\mathcal{O}(1; \{3, 21^7\})$	1516660740
21	$\mathcal{O}(0; \{3^5, 7^7\})$	399900
21	$\mathcal{O}(0; \{3^{10}, 7^2, 21\})$	20460
21	$\mathcal{O}(0; \{3, 7^9, 21\})$	17276052
21	$\mathcal{O}(0; \{3^6, 7^4, 21^2\})$	573276
21	$\mathcal{O}(0; \{3^2, 7^6, 21^3\})$	14396700
21	$\mathcal{O}(0; \{3^7, 7, 21^4\})$	757020
21	$\mathcal{O}(0; \{3^3, 7^3, 21^5\})$	20635356
21	$\mathcal{O}(0; \{3^4, 21^7\})$	27273180
21	$\mathcal{O}(0; \{7^2, 21^8\})$	742870236
22	$\mathcal{O}(4; \{2^2\})$	54875873280
22	$\mathcal{O}(3; \{2^6\})$	113379840
22	$\mathcal{O}(2; \{2^{10}\})$	234240
22	$\mathcal{O}(1; \{2^{14}\})$	480
22	$\mathcal{O}(1; \{2^3, 11^5, 22\})$	44000440
22	$\mathcal{O}(1; \{2, 11^4, 22^3\})$	439999560

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
22	$\mathcal{O}(0; \{2^7, 11^5, 22\})$	90910
22	$\mathcal{O}(0; \{2^5, 11^4, 22^3\})$	909090
22	$\mathcal{O}(0; \{2^3, 11^3, 22^5\})$	9090910
22	$\mathcal{O}(0; \{2, 11^2, 22^7\})$	90909090
23	$\mathcal{O}(1; \{23^7\})$	57370230918
24	$\mathcal{O}(3; \{2, 24^2\})$	1528823808
24	$\mathcal{O}(2; \{3^4, 8^2\})$	7962624
24	$\mathcal{O}(2; \{2, 3^2, 6, 8^2\})$	2654208
24	$\mathcal{O}(2; \{2^2, 6^2, 8^2\})$	2654208
24	$\mathcal{O}(2; \{6, 8^2, 12^2\})$	10616832
24	$\mathcal{O}(2; \{2, 3^2, 4, 8, 24\})$	5308416
24	$\mathcal{O}(2; \{2^2, 4, 6, 8, 24\})$	5308416
24	$\mathcal{O}(2; \{6, 8^3, 24\})$	42467328
24	$\mathcal{O}(2; \{2^2, 3, 8, 12, 24\})$	5308416
24	$\mathcal{O}(2; \{6^2, 8, 12, 24\})$	15925248
24	$\mathcal{O}(2; \{4, 8, 12^2, 24\})$	21233664
24	$\mathcal{O}(2; \{2^5, 24^2\})$	2654208
24	$\mathcal{O}(2; \{2, 3^3, 24^2\})$	13271040
24	$\mathcal{O}(2; \{2^2, 4^2, 24^2\})$	10616832
24	$\mathcal{O}(2; \{2^2, 3, 6, 24^2\})$	7962624
24	$\mathcal{O}(2; \{6^3, 24^2\})$	13271040
24	$\mathcal{O}(2; \{4, 8^2, 24^2\})$	84934656
24	$\mathcal{O}(2; \{4, 6, 12, 24^2\})$	31850496
24	$\mathcal{O}(2; \{3, 12^2, 24^2\})$	53084160
24	$\mathcal{O}(2; \{3, 8, 24^3\})$	127401984
24	$\mathcal{O}(1; \{2^4, 3^4, 8^2\})$	13824
24	$\mathcal{O}(1; \{3^7, 8^2\})$	96768
24	$\mathcal{O}(1; \{2, 3^4, 4^2, 8^2\})$	55296
24	$\mathcal{O}(1; \{2^5, 3^2, 6, 8^2\})$	4608
24	$\mathcal{O}(1; \{2, 3^5, 6, 8^2\})$	50688
24	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6, 8^2\})$	18432
24	$\mathcal{O}(1; \{2^6, 6^2, 8^2\})$	4608
24	$\mathcal{O}(1; \{2^2, 3^3, 6^2, 8^2\})$	23040
24	$\mathcal{O}(1; \{2^3, 4^2, 6^2, 8^2\})$	18432
24	$\mathcal{O}(1; \{4^4, 6^2, 8^2\})$	73728
24	$\mathcal{O}(1; \{2^3, 3, 6^3, 8^2\})$	13824
24	$\mathcal{O}(1; \{3, 4^2, 6^3, 8^2\})$	55296
24	$\mathcal{O}(1; \{3^2, 6^4, 8^2\})$	50688
24	$\mathcal{O}(1; \{2, 6^5, 8^2\})$	23040
24	$\mathcal{O}(1; \{3^2, 4, 6, 8^4\})$	147456
24	$\mathcal{O}(1; \{2, 4, 6^2, 8^4\})$	147456
24	$\mathcal{O}(1; \{2^2, 3^3, 4, 8^2, 12\})$	55296
24	$\mathcal{O}(1; \{2^3, 3, 4, 6, 8^2, 12\})$	18432

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{3, 4^3, 6, 8^2, 12\})$	73728
24	$\mathcal{O}(1; \{3^2, 4, 6^2, 8^2, 12\})$	92160
24	$\mathcal{O}(1; \{2, 4, 6^3, 8^2, 12\})$	55296
24	$\mathcal{O}(1; \{3^3, 8^4, 12\})$	442368
24	$\mathcal{O}(1; \{2, 3, 6, 8^4, 12\})$	147456
24	$\mathcal{O}(1; \{2^3, 3^2, 8^2, 12^2\})$	55296
24	$\mathcal{O}(1; \{3^2, 4^2, 8^2, 12^2\})$	221184
24	$\mathcal{O}(1; \{2^4, 6, 8^2, 12^2\})$	18432
24	$\mathcal{O}(1; \{3^3, 6, 8^2, 12^2\})$	202752
24	$\mathcal{O}(1; \{2, 4^2, 6, 8^2, 12^2\})$	73728
24	$\mathcal{O}(1; \{2, 3, 6^2, 8^2, 12^2\})$	92160
24	$\mathcal{O}(1; \{2, 3, 4, 8^2, 12^3\})$	221184
24	$\mathcal{O}(1; \{2^2, 8^2, 12^4\})$	221184
24	$\mathcal{O}(1; \{2^5, 3^2, 4, 8, 24\})$	9216
24	$\mathcal{O}(1; \{2, 3^5, 4, 8, 24\})$	101376
24	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 8, 24\})$	36864
24	$\mathcal{O}(1; \{2^6, 4, 6, 8, 24\})$	9216
24	$\mathcal{O}(1; \{2^2, 3^3, 4, 6, 8, 24\})$	46080
24	$\mathcal{O}(1; \{2^3, 4^3, 6, 8, 24\})$	36864
24	$\mathcal{O}(1; \{4^5, 6, 8, 24\})$	147456
24	$\mathcal{O}(1; \{2^3, 3, 4, 6^2, 8, 24\})$	27648
24	$\mathcal{O}(1; \{3, 4^3, 6^2, 8, 24\})$	110592
24	$\mathcal{O}(1; \{3^2, 4, 6^3, 8, 24\})$	101376
24	$\mathcal{O}(1; \{2, 4, 6^4, 8, 24\})$	46080
24	$\mathcal{O}(1; \{2^3, 3^2, 8^3, 24\})$	73728
24	$\mathcal{O}(1; \{3^2, 4^2, 8^3, 24\})$	294912
24	$\mathcal{O}(1; \{2^4, 6, 8^3, 24\})$	73728
24	$\mathcal{O}(1; \{3^3, 6, 8^3, 24\})$	368640
24	$\mathcal{O}(1; \{2, 4^2, 6, 8^3, 24\})$	294912
24	$\mathcal{O}(1; \{2, 3, 6^2, 8^3, 24\})$	221184
24	$\mathcal{O}(1; \{2^6, 3, 8, 12, 24\})$	9216
24	$\mathcal{O}(1; \{2^2, 3^4, 8, 12, 24\})$	101376
24	$\mathcal{O}(1; \{2^3, 3, 4^2, 8, 12, 24\})$	36864
24	$\mathcal{O}(1; \{3, 4^4, 8, 12, 24\})$	147456
24	$\mathcal{O}(1; \{2^3, 3^2, 6, 8, 12, 24\})$	46080
24	$\mathcal{O}(1; \{3^2, 4^2, 6, 8, 12, 24\})$	184320
24	$\mathcal{O}(1; \{2^4, 6^2, 8, 12, 24\})$	27648
24	$\mathcal{O}(1; \{3^3, 6^2, 8, 12, 24\})$	193536
24	$\mathcal{O}(1; \{2, 4^2, 6^2, 8, 12, 24\})$	110592
24	$\mathcal{O}(1; \{2, 3, 6^3, 8, 12, 24\})$	101376
24	$\mathcal{O}(1; \{2, 3, 4, 8^3, 12, 24\})$	294912
24	$\mathcal{O}(1; \{2^4, 4, 8, 12^2, 24\})$	36864
24	$\mathcal{O}(1; \{3^3, 4, 8, 12^2, 24\})$	405504

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2, 4^3, 8, 12^2, 24\})$	147456
24	$\mathcal{O}(1; \{2, 3, 4, 6, 8, 12^2, 24\})$	184320
24	$\mathcal{O}(1; \{2^2, 8^3, 12^2, 24\})$	294912
24	$\mathcal{O}(1; \{2, 3^2, 8, 12^3, 24\})$	405504
24	$\mathcal{O}(1; \{2^2, 6, 8, 12^3, 24\})$	184320
24	$\mathcal{O}(1; \{8, 12^5, 24\})$	1622016
24	$\mathcal{O}(1; \{2^9, 24^2\})$	4608
24	$\mathcal{O}(1; \{2^5, 3^3, 24^2\})$	23040
24	$\mathcal{O}(1; \{2, 3^6, 24^2\})$	198144
24	$\mathcal{O}(1; \{2^6, 4^2, 24^2\})$	18432
24	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 24^2\})$	92160
24	$\mathcal{O}(1; \{2^3, 4^4, 24^2\})$	73728
24	$\mathcal{O}(1; \{4^6, 24^2\})$	294912
24	$\mathcal{O}(1; \{2^6, 3, 6, 24^2\})$	13824
24	$\mathcal{O}(1; \{2^2, 3^4, 6, 24^2\})$	96768
24	$\mathcal{O}(1; \{2^3, 3, 4^2, 6, 24^2\})$	55296
24	$\mathcal{O}(1; \{3, 4^4, 6, 24^2\})$	221184
24	$\mathcal{O}(1; \{2^3, 3^2, 6^2, 24^2\})$	50688
24	$\mathcal{O}(1; \{3^2, 4^2, 6^2, 24^2\})$	202752
24	$\mathcal{O}(1; \{2^4, 6^3, 24^2\})$	23040
24	$\mathcal{O}(1; \{3^3, 6^3, 24^2\})$	198144
24	$\mathcal{O}(1; \{2, 4^2, 6^3, 24^2\})$	92160
24	$\mathcal{O}(1; \{2, 3, 6^4, 24^2\})$	96768
24	$\mathcal{O}(1; \{2^4, 4, 8^2, 24^2\})$	147456
24	$\mathcal{O}(1; \{3^3, 4, 8^2, 24^2\})$	737280
24	$\mathcal{O}(1; \{2, 4^3, 8^2, 24^2\})$	589824
24	$\mathcal{O}(1; \{2, 3, 4, 6, 8^2, 24^2\})$	442368
24	$\mathcal{O}(1; \{2^2, 8^4, 24^2\})$	1179648
24	$\mathcal{O}(1; \{2^3, 3^2, 4, 12, 24^2\})$	92160
24	$\mathcal{O}(1; \{3^2, 4^3, 12, 24^2\})$	368640
24	$\mathcal{O}(1; \{2^4, 4, 6, 12, 24^2\})$	55296
24	$\mathcal{O}(1; \{3^3, 4, 6, 12, 24^2\})$	387072
24	$\mathcal{O}(1; \{2, 4^3, 6, 12, 24^2\})$	221184
24	$\mathcal{O}(1; \{2, 3, 4, 6^2, 12, 24^2\})$	202752
24	$\mathcal{O}(1; \{2, 3^2, 8^2, 12, 24^2\})$	737280
24	$\mathcal{O}(1; \{2^2, 6, 8^2, 12, 24^2\})$	442368
24	$\mathcal{O}(1; \{2^4, 3, 12^2, 24^2\})$	92160
24	$\mathcal{O}(1; \{3^4, 12^2, 24^2\})$	792576
24	$\mathcal{O}(1; \{2, 3, 4^2, 12^2, 24^2\})$	368640
24	$\mathcal{O}(1; \{2, 3^2, 6, 12^2, 24^2\})$	387072
24	$\mathcal{O}(1; \{2^2, 6^2, 12^2, 24^2\})$	202752
24	$\mathcal{O}(1; \{2^2, 4, 12^3, 24^2\})$	368640
24	$\mathcal{O}(1; \{8^2, 12^3, 24^2\})$	2949120

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{6, 12^4, 24^2\})$	1548288
24	$\mathcal{O}(1; \{2^4, 3, 8, 24^3\})$	221184
24	$\mathcal{O}(1; \{3^4, 8, 24^3\})$	1548288
24	$\mathcal{O}(1; \{2, 3, 4^2, 8, 24^3\})$	884736
24	$\mathcal{O}(1; \{2, 3^2, 6, 8, 24^3\})$	811008
24	$\mathcal{O}(1; \{2^2, 6^2, 8, 24^3\})$	368640
24	$\mathcal{O}(1; \{2^2, 4, 8, 12, 24^3\})$	884736
24	$\mathcal{O}(1; \{8^3, 12, 24^3\})$	7077888
24	$\mathcal{O}(1; \{6, 8, 12^2, 24^3\})$	3244032
24	$\mathcal{O}(1; \{2, 3^2, 4, 24^4\})$	1622016
24	$\mathcal{O}(1; \{2^2, 4, 6, 24^4\})$	737280
24	$\mathcal{O}(1; \{6, 8^2, 24^4\})$	5898240
24	$\mathcal{O}(1; \{2^2, 3, 12, 24^4\})$	1622016
24	$\mathcal{O}(1; \{6^2, 12, 24^4\})$	3096576
24	$\mathcal{O}(1; \{4, 12^2, 24^4\})$	6488064
24	$\mathcal{O}(1; \{4, 8, 24^5\})$	11796480
24	$\mathcal{O}(1; \{3, 24^6\})$	24772608
24	$\mathcal{O}(0; \{2^8, 3^4, 8^2\})$	24
24	$\mathcal{O}(0; \{2^4, 3^7, 8^2\})$	168
24	$\mathcal{O}(0; \{3^{10}, 8^2\})$	1368
24	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 8^2\})$	96
24	$\mathcal{O}(0; \{2, 3^7, 4^2, 8^2\})$	672
24	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 8^2\})$	384
24	$\mathcal{O}(0; \{2^9, 3^2, 6, 8^2\})$	8
24	$\mathcal{O}(0; \{2^5, 3^5, 6, 8^2\})$	88
24	$\mathcal{O}(0; \{2, 3^8, 6, 8^2\})$	680
24	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6, 8^2\})$	32
24	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6, 8^2\})$	352
24	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6, 8^2\})$	128
24	$\mathcal{O}(0; \{3^2, 4^6, 6, 8^2\})$	512
24	$\mathcal{O}(0; \{2^{10}, 6^2, 8^2\})$	8
24	$\mathcal{O}(0; \{2^6, 3^3, 6^2, 8^2\})$	40
24	$\mathcal{O}(0; \{2^2, 3^6, 6^2, 8^2\})$	344
24	$\mathcal{O}(0; \{2^7, 4^2, 6^2, 8^2\})$	32
24	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^2, 8^2\})$	160
24	$\mathcal{O}(0; \{2^4, 4^4, 6^2, 8^2\})$	128
24	$\mathcal{O}(0; \{3^3, 4^4, 6^2, 8^2\})$	640
24	$\mathcal{O}(0; \{2, 4^6, 6^2, 8^2\})$	512
24	$\mathcal{O}(0; \{2^7, 3, 6^3, 8^2\})$	24
24	$\mathcal{O}(0; \{2^3, 3^4, 6^3, 8^2\})$	168
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^3, 8^2\})$	96
24	$\mathcal{O}(0; \{3^4, 4^2, 6^3, 8^2\})$	672
24	$\mathcal{O}(0; \{2, 3, 4^4, 6^3, 8^2\})$	384

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 3^2, 6^4, 8^2\})$	88
24	$\mathcal{O}(0; \{3^5, 6^4, 8^2\})$	680
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^4, 8^2\})$	352
24	$\mathcal{O}(0; \{2^5, 6^5, 8^2\})$	40
24	$\mathcal{O}(0; \{2, 3^3, 6^5, 8^2\})$	344
24	$\mathcal{O}(0; \{2^2, 4^2, 6^5, 8^2\})$	160
24	$\mathcal{O}(0; \{2^2, 3, 6^6, 8^2\})$	168
24	$\mathcal{O}(0; \{6^8, 8^2\})$	344
24	$\mathcal{O}(0; \{2^3, 3^4, 4, 8^4\})$	768
24	$\mathcal{O}(0; \{3^4, 4^3, 8^4\})$	3072
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 6, 8^4\})$	256
24	$\mathcal{O}(0; \{3^5, 4, 6, 8^4\})$	2816
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 6, 8^4\})$	1024
24	$\mathcal{O}(0; \{2^5, 4, 6^2, 8^4\})$	256
24	$\mathcal{O}(0; \{2, 3^3, 4, 6^2, 8^4\})$	1280
24	$\mathcal{O}(0; \{2^2, 4^3, 6^2, 8^4\})$	1024
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^3, 8^4\})$	768
24	$\mathcal{O}(0; \{4, 6^5, 8^4\})$	1280
24	$\mathcal{O}(0; \{2, 3^4, 8^6\})$	6144
24	$\mathcal{O}(0; \{2^2, 3^2, 6, 8^6\})$	2048
24	$\mathcal{O}(0; \{2^3, 6^2, 8^6\})$	2048
24	$\mathcal{O}(0; \{4^2, 6^2, 8^6\})$	8192
24	$\mathcal{O}(0; \{3, 6^3, 8^6\})$	6144
24	$\mathcal{O}(0; \{2^6, 3^3, 4, 8^2, 12\})$	96
24	$\mathcal{O}(0; \{2^2, 3^6, 4, 8^2, 12\})$	672
24	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 8^2, 12\})$	384
24	$\mathcal{O}(0; \{3^3, 4^5, 8^2, 12\})$	1536
24	$\mathcal{O}(0; \{2^7, 3, 4, 6, 8^2, 12\})$	32
24	$\mathcal{O}(0; \{2^3, 3^4, 4, 6, 8^2, 12\})$	352
24	$\mathcal{O}(0; \{2^4, 3, 4^3, 6, 8^2, 12\})$	128
24	$\mathcal{O}(0; \{3^4, 4^3, 6, 8^2, 12\})$	1408
24	$\mathcal{O}(0; \{2, 3, 4^5, 6, 8^2, 12\})$	512
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^2, 8^2, 12\})$	160
24	$\mathcal{O}(0; \{3^5, 4, 6^2, 8^2, 12\})$	1376
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^2, 8^2, 12\})$	640
24	$\mathcal{O}(0; \{2^5, 4, 6^3, 8^2, 12\})$	96
24	$\mathcal{O}(0; \{2, 3^3, 4, 6^3, 8^2, 12\})$	672
24	$\mathcal{O}(0; \{2^2, 4^3, 6^3, 8^2, 12\})$	384
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^4, 8^2, 12\})$	352
24	$\mathcal{O}(0; \{4, 6^6, 8^2, 12\})$	672
24	$\mathcal{O}(0; \{2^4, 3^3, 8^4, 12\})$	768
24	$\mathcal{O}(0; \{3^6, 8^4, 12\})$	5376
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 8^4, 12\})$	3072

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^5, 3, 6, 8^4, 12\})$	256
24	$\mathcal{O}(0; \{2, 3^4, 6, 8^4, 12\})$	2816
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 8^4, 12\})$	1024
24	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 8^4, 12\})$	1280
24	$\mathcal{O}(0; \{2^3, 6^3, 8^4, 12\})$	768
24	$\mathcal{O}(0; \{4^2, 6^3, 8^4, 12\})$	3072
24	$\mathcal{O}(0; \{3, 6^4, 8^4, 12\})$	2816
24	$\mathcal{O}(0; \{3, 4, 6, 8^6, 12\})$	8192
24	$\mathcal{O}(0; \{2^7, 3^2, 8^2, 12^2\})$	96
24	$\mathcal{O}(0; \{2^3, 3^5, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 8^2, 12^2\})$	384
24	$\mathcal{O}(0; \{3^5, 4^2, 8^2, 12^2\})$	2688
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 8^2, 12^2\})$	1536
24	$\mathcal{O}(0; \{2^8, 6, 8^2, 12^2\})$	32
24	$\mathcal{O}(0; \{2^4, 3^3, 6, 8^2, 12^2\})$	352
24	$\mathcal{O}(0; \{3^6, 6, 8^2, 12^2\})$	2720
24	$\mathcal{O}(0; \{2^5, 4^2, 6, 8^2, 12^2\})$	128
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6, 8^2, 12^2\})$	1408
24	$\mathcal{O}(0; \{2^2, 4^4, 6, 8^2, 12^2\})$	512
24	$\mathcal{O}(0; \{2^5, 3, 6^2, 8^2, 12^2\})$	160
24	$\mathcal{O}(0; \{2, 3^4, 6^2, 8^2, 12^2\})$	1376
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^2, 8^2, 12^2\})$	640
24	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2^3, 6^4, 8^2, 12^2\})$	352
24	$\mathcal{O}(0; \{4^2, 6^4, 8^2, 12^2\})$	1408
24	$\mathcal{O}(0; \{3, 6^5, 8^2, 12^2\})$	1376
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 8^4, 12^2\})$	3072
24	$\mathcal{O}(0; \{2^3, 4, 6, 8^4, 12^2\})$	1024
24	$\mathcal{O}(0; \{4^3, 6, 8^4, 12^2\})$	4096
24	$\mathcal{O}(0; \{3, 4, 6^2, 8^4, 12^2\})$	5120
24	$\mathcal{O}(0; \{3^2, 8^6, 12^2\})$	24576
24	$\mathcal{O}(0; \{2, 6, 8^6, 12^2\})$	8192
24	$\mathcal{O}(0; \{2^5, 3, 4, 8^2, 12^3\})$	384
24	$\mathcal{O}(0; \{2, 3^4, 4, 8^2, 12^3\})$	2688
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 8^2, 12^3\})$	1536
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 8^2, 12^3\})$	1408
24	$\mathcal{O}(0; \{2^3, 4, 6^2, 8^2, 12^3\})$	640
24	$\mathcal{O}(0; \{4^3, 6^2, 8^2, 12^3\})$	2560
24	$\mathcal{O}(0; \{3, 4, 6^3, 8^2, 12^3\})$	2688
24	$\mathcal{O}(0; \{2^3, 3, 8^4, 12^3\})$	3072
24	$\mathcal{O}(0; \{3, 4^2, 8^4, 12^3\})$	12288
24	$\mathcal{O}(0; \{3^2, 6, 8^4, 12^3\})$	11264
24	$\mathcal{O}(0; \{2, 6^2, 8^4, 12^3\})$	5120

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^6, 8^2, 12^4\})$	384
24	$\mathcal{O}(0; \{2^2, 3^3, 8^2, 12^4\})$	2688
24	$\mathcal{O}(0; \{2^3, 4^2, 8^2, 12^4\})$	1536
24	$\mathcal{O}(0; \{4^4, 8^2, 12^4\})$	6144
24	$\mathcal{O}(0; \{2^3, 3, 6, 8^2, 12^4\})$	1408
24	$\mathcal{O}(0; \{3, 4^2, 6, 8^2, 12^4\})$	5632
24	$\mathcal{O}(0; \{3^2, 6^2, 8^2, 12^4\})$	5504
24	$\mathcal{O}(0; \{2, 6^3, 8^2, 12^4\})$	2688
24	$\mathcal{O}(0; \{2, 4, 8^4, 12^4\})$	12288
24	$\mathcal{O}(0; \{3^2, 4, 8^2, 12^5\})$	10752
24	$\mathcal{O}(0; \{2, 4, 6, 8^2, 12^5\})$	5632
24	$\mathcal{O}(0; \{2, 3, 8^2, 12^6\})$	10752
24	$\mathcal{O}(0; \{2^9, 3^2, 4, 8, 24\})$	16
24	$\mathcal{O}(0; \{2^5, 3^5, 4, 8, 24\})$	176
24	$\mathcal{O}(0; \{2, 3^8, 4, 8, 24\})$	1360
24	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 8, 24\})$	64
24	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 8, 24\})$	704
24	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 8, 24\})$	256
24	$\mathcal{O}(0; \{3^2, 4^7, 8, 24\})$	1024
24	$\mathcal{O}(0; \{2^{10}, 4, 6, 8, 24\})$	16
24	$\mathcal{O}(0; \{2^6, 3^3, 4, 6, 8, 24\})$	80
24	$\mathcal{O}(0; \{2^2, 3^6, 4, 6, 8, 24\})$	688
24	$\mathcal{O}(0; \{2^7, 4^3, 6, 8, 24\})$	64
24	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6, 8, 24\})$	320
24	$\mathcal{O}(0; \{2^4, 4^5, 6, 8, 24\})$	256
24	$\mathcal{O}(0; \{3^3, 4^5, 6, 8, 24\})$	1280
24	$\mathcal{O}(0; \{2, 4^7, 6, 8, 24\})$	1024
24	$\mathcal{O}(0; \{2^7, 3, 4, 6^2, 8, 24\})$	48
24	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^2, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^2, 8, 24\})$	192
24	$\mathcal{O}(0; \{3^4, 4^3, 6^2, 8, 24\})$	1344
24	$\mathcal{O}(0; \{2, 3, 4^5, 6^2, 8, 24\})$	768
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^3, 8, 24\})$	176
24	$\mathcal{O}(0; \{3^5, 4, 6^3, 8, 24\})$	1360
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^3, 8, 24\})$	704
24	$\mathcal{O}(0; \{2^5, 4, 6^4, 8, 24\})$	80
24	$\mathcal{O}(0; \{2, 3^3, 4, 6^4, 8, 24\})$	688
24	$\mathcal{O}(0; \{2^2, 4^3, 6^4, 8, 24\})$	320
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^5, 8, 24\})$	336
24	$\mathcal{O}(0; \{4, 6^7, 8, 24\})$	688
24	$\mathcal{O}(0; \{2^7, 3^2, 8^3, 24\})$	128
24	$\mathcal{O}(0; \{2^3, 3^5, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 8^3, 24\})$	512

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^5, 4^2, 8^3, 24\})$	5632
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 8^3, 24\})$	2048
24	$\mathcal{O}(0; \{2^8, 6, 8^3, 24\})$	128
24	$\mathcal{O}(0; \{2^4, 3^3, 6, 8^3, 24\})$	640
24	$\mathcal{O}(0; \{3^6, 6, 8^3, 24\})$	5504
24	$\mathcal{O}(0; \{2^5, 4^2, 6, 8^3, 24\})$	512
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6, 8^3, 24\})$	2560
24	$\mathcal{O}(0; \{2^2, 4^4, 6, 8^3, 24\})$	2048
24	$\mathcal{O}(0; \{2^5, 3, 6^2, 8^3, 24\})$	384
24	$\mathcal{O}(0; \{2, 3^4, 6^2, 8^3, 24\})$	2688
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^2, 8^3, 24\})$	1536
24	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{2^3, 6^4, 8^3, 24\})$	640
24	$\mathcal{O}(0; \{4^2, 6^4, 8^3, 24\})$	2560
24	$\mathcal{O}(0; \{3, 6^5, 8^3, 24\})$	2688
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 8^5, 24\})$	4096
24	$\mathcal{O}(0; \{2^3, 4, 6, 8^5, 24\})$	4096
24	$\mathcal{O}(0; \{4^3, 6, 8^5, 24\})$	16384
24	$\mathcal{O}(0; \{3, 4, 6^2, 8^5, 24\})$	12288
24	$\mathcal{O}(0; \{3^2, 8^7, 24\})$	32768
24	$\mathcal{O}(0; \{2, 6, 8^7, 24\})$	32768
24	$\mathcal{O}(0; \{2^{10}, 3, 8, 12, 24\})$	16
24	$\mathcal{O}(0; \{2^6, 3^4, 8, 12, 24\})$	176
24	$\mathcal{O}(0; \{2^2, 3^7, 8, 12, 24\})$	1360
24	$\mathcal{O}(0; \{2^7, 3, 4^2, 8, 12, 24\})$	64
24	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 8, 12, 24\})$	704
24	$\mathcal{O}(0; \{2^4, 3, 4^4, 8, 12, 24\})$	256
24	$\mathcal{O}(0; \{3^4, 4^4, 8, 12, 24\})$	2816
24	$\mathcal{O}(0; \{2, 3, 4^6, 8, 12, 24\})$	1024
24	$\mathcal{O}(0; \{2^7, 3^2, 6, 8, 12, 24\})$	80
24	$\mathcal{O}(0; \{2^3, 3^5, 6, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6, 8, 12, 24\})$	320
24	$\mathcal{O}(0; \{3^5, 4^2, 6, 8, 12, 24\})$	2752
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 6, 8, 12, 24\})$	1280
24	$\mathcal{O}(0; \{2^8, 6^2, 8, 12, 24\})$	48
24	$\mathcal{O}(0; \{2^4, 3^3, 6^2, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{3^6, 6^2, 8, 12, 24\})$	2736
24	$\mathcal{O}(0; \{2^5, 4^2, 6^2, 8, 12, 24\})$	192
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^2, 8, 12, 24\})$	1344
24	$\mathcal{O}(0; \{2^2, 4^4, 6^2, 8, 12, 24\})$	768
24	$\mathcal{O}(0; \{2^5, 3, 6^3, 8, 12, 24\})$	176
24	$\mathcal{O}(0; \{2, 3^4, 6^3, 8, 12, 24\})$	1360
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^3, 8, 12, 24\})$	704

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^2, 3^2, 6^4, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2^3, 6^5, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{4^2, 6^5, 8, 12, 24\})$	1344
24	$\mathcal{O}(0; \{3, 6^6, 8, 12, 24\})$	1360
24	$\mathcal{O}(0; \{2^5, 3, 4, 8^3, 12, 24\})$	512
24	$\mathcal{O}(0; \{2, 3^4, 4, 8^3, 12, 24\})$	5632
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 8^3, 12, 24\})$	2048
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 8^3, 12, 24\})$	2560
24	$\mathcal{O}(0; \{2^3, 4, 6^2, 8^3, 12, 24\})$	1536
24	$\mathcal{O}(0; \{4^3, 6^2, 8^3, 12, 24\})$	6144
24	$\mathcal{O}(0; \{3, 4, 6^3, 8^3, 12, 24\})$	5632
24	$\mathcal{O}(0; \{2^3, 3, 8^5, 12, 24\})$	4096
24	$\mathcal{O}(0; \{3, 4^2, 8^5, 12, 24\})$	16384
24	$\mathcal{O}(0; \{3^2, 6, 8^5, 12, 24\})$	20480
24	$\mathcal{O}(0; \{2, 6^2, 8^5, 12, 24\})$	12288
24	$\mathcal{O}(0; \{2^8, 4, 8, 12^2, 24\})$	64
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 8, 12^2, 24\})$	704
24	$\mathcal{O}(0; \{3^6, 4, 8, 12^2, 24\})$	5440
24	$\mathcal{O}(0; \{2^5, 4^3, 8, 12^2, 24\})$	256
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 8, 12^2, 24\})$	2816
24	$\mathcal{O}(0; \{2^2, 4^5, 8, 12^2, 24\})$	1024
24	$\mathcal{O}(0; \{2^5, 3, 4, 6, 8, 12^2, 24\})$	320
24	$\mathcal{O}(0; \{2, 3^4, 4, 6, 8, 12^2, 24\})$	2752
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6, 8, 12^2, 24\})$	1280
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^2, 8, 12^2, 24\})$	1344
24	$\mathcal{O}(0; \{2^3, 4, 6^3, 8, 12^2, 24\})$	704
24	$\mathcal{O}(0; \{4^3, 6^3, 8, 12^2, 24\})$	2816
24	$\mathcal{O}(0; \{3, 4, 6^4, 8, 12^2, 24\})$	2752
24	$\mathcal{O}(0; \{2^6, 8^3, 12^2, 24\})$	512
24	$\mathcal{O}(0; \{2^2, 3^3, 8^3, 12^2, 24\})$	5632
24	$\mathcal{O}(0; \{2^3, 4^2, 8^3, 12^2, 24\})$	2048
24	$\mathcal{O}(0; \{4^4, 8^3, 12^2, 24\})$	8192
24	$\mathcal{O}(0; \{2^3, 3, 6, 8^3, 12^2, 24\})$	2560
24	$\mathcal{O}(0; \{3, 4^2, 6, 8^3, 12^2, 24\})$	10240
24	$\mathcal{O}(0; \{3^2, 6^2, 8^3, 12^2, 24\})$	10752
24	$\mathcal{O}(0; \{2, 6^3, 8^3, 12^2, 24\})$	5632
24	$\mathcal{O}(0; \{2, 4, 8^5, 12^2, 24\})$	16384
24	$\mathcal{O}(0; \{2^5, 3^2, 8, 12^3, 24\})$	704
24	$\mathcal{O}(0; \{2, 3^5, 8, 12^3, 24\})$	5440
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 8, 12^3, 24\})$	2816
24	$\mathcal{O}(0; \{2^6, 6, 8, 12^3, 24\})$	320
24	$\mathcal{O}(0; \{2^2, 3^3, 6, 8, 12^3, 24\})$	2752
24	$\mathcal{O}(0; \{2^3, 4^2, 6, 8, 12^3, 24\})$	1280

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{4^4, 6, 8, 12^3, 24\})$	5120
24	$\mathcal{O}(0; \{2^3, 3, 6^2, 8, 12^3, 24\})$	1344
24	$\mathcal{O}(0; \{3, 4^2, 6^2, 8, 12^3, 24\})$	5376
24	$\mathcal{O}(0; \{3^2, 6^3, 8, 12^3, 24\})$	5440
24	$\mathcal{O}(0; \{2, 6^4, 8, 12^3, 24\})$	2752
24	$\mathcal{O}(0; \{3^2, 4, 8^3, 12^3, 24\})$	22528
24	$\mathcal{O}(0; \{2, 4, 6, 8^3, 12^3, 24\})$	10240
24	$\mathcal{O}(0; \{2^3, 3, 4, 8, 12^4, 24\})$	2816
24	$\mathcal{O}(0; \{3, 4^3, 8, 12^4, 24\})$	11264
24	$\mathcal{O}(0; \{3^2, 4, 6, 8, 12^4, 24\})$	11008
24	$\mathcal{O}(0; \{2, 4, 6^2, 8, 12^4, 24\})$	5376
24	$\mathcal{O}(0; \{2, 3, 8^3, 12^4, 24\})$	22528
24	$\mathcal{O}(0; \{2^4, 8, 12^5, 24\})$	2816
24	$\mathcal{O}(0; \{3^3, 8, 12^5, 24\})$	21760
24	$\mathcal{O}(0; \{2, 4^2, 8, 12^5, 24\})$	11264
24	$\mathcal{O}(0; \{2, 3, 6, 8, 12^5, 24\})$	11008
24	$\mathcal{O}(0; \{2^{13}, 24^2\})$	8
24	$\mathcal{O}(0; \{2^9, 3^3, 24^2\})$	40
24	$\mathcal{O}(0; \{2^5, 3^6, 24^2\})$	344
24	$\mathcal{O}(0; \{2, 3^9, 24^2\})$	2728
24	$\mathcal{O}(0; \{2^{10}, 4^2, 24^2\})$	32
24	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 24^2\})$	160
24	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^7, 4^4, 24^2\})$	128
24	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 24^2\})$	640
24	$\mathcal{O}(0; \{2^4, 4^6, 24^2\})$	512
24	$\mathcal{O}(0; \{3^3, 4^6, 24^2\})$	2560
24	$\mathcal{O}(0; \{2, 4^8, 24^2\})$	2048
24	$\mathcal{O}(0; \{2^{10}, 3, 6, 24^2\})$	24
24	$\mathcal{O}(0; \{2^6, 3^4, 6, 24^2\})$	168
24	$\mathcal{O}(0; \{2^2, 3^7, 6, 24^2\})$	1368
24	$\mathcal{O}(0; \{2^7, 3, 4^2, 6, 24^2\})$	96
24	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6, 24^2\})$	672
24	$\mathcal{O}(0; \{2^4, 3, 4^4, 6, 24^2\})$	384
24	$\mathcal{O}(0; \{3^4, 4^4, 6, 24^2\})$	2688
24	$\mathcal{O}(0; \{2, 3, 4^6, 6, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^7, 3^2, 6^2, 24^2\})$	88
24	$\mathcal{O}(0; \{2^3, 3^5, 6^2, 24^2\})$	680
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^2, 24^2\})$	352
24	$\mathcal{O}(0; \{3^5, 4^2, 6^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^8, 6^3, 24^2\})$	40
24	$\mathcal{O}(0; \{2^4, 3^3, 6^3, 24^2\})$	344

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^6, 6^3, 24^2\})$	2728
24	$\mathcal{O}(0; \{2^5, 4^2, 6^3, 24^2\})$	160
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^3, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^2, 4^4, 6^3, 24^2\})$	640
24	$\mathcal{O}(0; \{2^5, 3, 6^4, 24^2\})$	168
24	$\mathcal{O}(0; \{2, 3^4, 6^4, 24^2\})$	1368
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^4, 24^2\})$	672
24	$\mathcal{O}(0; \{2^2, 3^2, 6^5, 24^2\})$	680
24	$\mathcal{O}(0; \{2^3, 6^6, 24^2\})$	344
24	$\mathcal{O}(0; \{4^2, 6^6, 24^2\})$	1376
24	$\mathcal{O}(0; \{3, 6^7, 24^2\})$	1368
24	$\mathcal{O}(0; \{2^8, 4, 8^2, 24^2\})$	256
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 8^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{3^6, 4, 8^2, 24^2\})$	11008
24	$\mathcal{O}(0; \{2^5, 4^3, 8^2, 24^2\})$	1024
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 8^2, 24^2\})$	5120
24	$\mathcal{O}(0; \{2^2, 4^5, 8^2, 24^2\})$	4096
24	$\mathcal{O}(0; \{2^5, 3, 4, 6, 8^2, 24^2\})$	768
24	$\mathcal{O}(0; \{2, 3^4, 4, 6, 8^2, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6, 8^2, 24^2\})$	3072
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^2, 8^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^3, 4, 6^3, 8^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{4^3, 6^3, 8^2, 24^2\})$	5120
24	$\mathcal{O}(0; \{3, 4, 6^4, 8^2, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^6, 8^4, 24^2\})$	2048
24	$\mathcal{O}(0; \{2^2, 3^3, 8^4, 24^2\})$	10240
24	$\mathcal{O}(0; \{2^3, 4^2, 8^4, 24^2\})$	8192
24	$\mathcal{O}(0; \{4^4, 8^4, 24^2\})$	32768
24	$\mathcal{O}(0; \{2^3, 3, 6, 8^4, 24^2\})$	6144
24	$\mathcal{O}(0; \{3, 4^2, 6, 8^4, 24^2\})$	24576
24	$\mathcal{O}(0; \{3^2, 6^2, 8^4, 24^2\})$	22528
24	$\mathcal{O}(0; \{2, 6^3, 8^4, 24^2\})$	10240
24	$\mathcal{O}(0; \{2, 4, 8^6, 24^2\})$	65536
24	$\mathcal{O}(0; \{2^7, 3^2, 4, 12, 24^2\})$	160
24	$\mathcal{O}(0; \{2^3, 3^5, 4, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 12, 24^2\})$	640
24	$\mathcal{O}(0; \{3^5, 4^3, 12, 24^2\})$	5504
24	$\mathcal{O}(0; \{2, 3^2, 4^5, 12, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^8, 4, 6, 12, 24^2\})$	96
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 6, 12, 24^2\})$	672
24	$\mathcal{O}(0; \{3^6, 4, 6, 12, 24^2\})$	5472
24	$\mathcal{O}(0; \{2^5, 4^3, 6, 12, 24^2\})$	384
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 6, 12, 24^2\})$	2688

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^2, 4^5, 6, 12, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^5, 3, 4, 6^2, 12, 24^2\})$	352
24	$\mathcal{O}(0; \{2, 3^4, 4, 6^2, 12, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^2, 12, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^3, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^3, 4, 6^4, 12, 24^2\})$	672
24	$\mathcal{O}(0; \{4^3, 6^4, 12, 24^2\})$	2688
24	$\mathcal{O}(0; \{3, 4, 6^5, 12, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^5, 3^2, 8^2, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{2, 3^5, 8^2, 12, 24^2\})$	11008
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 8^2, 12, 24^2\})$	5120
24	$\mathcal{O}(0; \{2^6, 6, 8^2, 12, 24^2\})$	768
24	$\mathcal{O}(0; \{2^2, 3^3, 6, 8^2, 12, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^3, 4^2, 6, 8^2, 12, 24^2\})$	3072
24	$\mathcal{O}(0; \{4^4, 6, 8^2, 12, 24^2\})$	12288
24	$\mathcal{O}(0; \{2^3, 3, 6^2, 8^2, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{3, 4^2, 6^2, 8^2, 12, 24^2\})$	11264
24	$\mathcal{O}(0; \{3^2, 6^3, 8^2, 12, 24^2\})$	11008
24	$\mathcal{O}(0; \{2, 6^4, 8^2, 12, 24^2\})$	5376
24	$\mathcal{O}(0; \{3^2, 4, 8^4, 12, 24^2\})$	40960
24	$\mathcal{O}(0; \{2, 4, 6, 8^4, 12, 24^2\})$	24576
24	$\mathcal{O}(0; \{2^8, 3, 12^2, 24^2\})$	160
24	$\mathcal{O}(0; \{2^4, 3^4, 12^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{3^7, 12^2, 24^2\})$	10912
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 12^2, 24^2\})$	640
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 12^2, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 12^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^5, 3^2, 6, 12^2, 24^2\})$	672
24	$\mathcal{O}(0; \{2, 3^5, 6, 12^2, 24^2\})$	5472
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6, 12^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^6, 6^2, 12^2, 24^2\})$	352
24	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 12^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^3, 4^2, 6^2, 12^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{4^4, 6^2, 12^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^3, 3, 6^3, 12^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{3, 4^2, 6^3, 12^2, 24^2\})$	5504
24	$\mathcal{O}(0; \{3^2, 6^4, 12^2, 24^2\})$	5472
24	$\mathcal{O}(0; \{2, 6^5, 12^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^3, 3, 4, 8^2, 12^2, 24^2\})$	5120
24	$\mathcal{O}(0; \{3, 4^3, 8^2, 12^2, 24^2\})$	20480
24	$\mathcal{O}(0; \{3^2, 4, 6, 8^2, 12^2, 24^2\})$	21504
24	$\mathcal{O}(0; \{2, 4, 6^2, 8^2, 12^2, 24^2\})$	11264
24	$\mathcal{O}(0; \{2, 3, 8^4, 12^2, 24^2\})$	40960

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^6, 4, 12^3, 24^2\})$	640
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 12^3, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^3, 4^3, 12^3, 24^2\})$	2560
24	$\mathcal{O}(0; \{4^5, 12^3, 24^2\})$	10240
24	$\mathcal{O}(0; \{2^3, 3, 4, 6, 12^3, 24^2\})$	2688
24	$\mathcal{O}(0; \{3, 4^3, 6, 12^3, 24^2\})$	10752
24	$\mathcal{O}(0; \{3^2, 4, 6^2, 12^3, 24^2\})$	10880
24	$\mathcal{O}(0; \{2, 4, 6^3, 12^3, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^4, 8^2, 12^3, 24^2\})$	5120
24	$\mathcal{O}(0; \{3^3, 8^2, 12^3, 24^2\})$	44032
24	$\mathcal{O}(0; \{2, 4^2, 8^2, 12^3, 24^2\})$	20480
24	$\mathcal{O}(0; \{2, 3, 6, 8^2, 12^3, 24^2\})$	21504
24	$\mathcal{O}(0; \{2^3, 3^2, 12^4, 24^2\})$	5504
24	$\mathcal{O}(0; \{3^2, 4^2, 12^4, 24^2\})$	22016
24	$\mathcal{O}(0; \{2^4, 6, 12^4, 24^2\})$	2688
24	$\mathcal{O}(0; \{3^3, 6, 12^4, 24^2\})$	21888
24	$\mathcal{O}(0; \{2, 4^2, 6, 12^4, 24^2\})$	10752
24	$\mathcal{O}(0; \{2, 3, 6^2, 12^4, 24^2\})$	10880
24	$\mathcal{O}(0; \{2, 3, 4, 12^5, 24^2\})$	22016
24	$\mathcal{O}(0; \{2^2, 12^6, 24^2\})$	22016
24	$\mathcal{O}(0; \{2^8, 3, 8, 24^3\})$	384
24	$\mathcal{O}(0; \{2^4, 3^4, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{3^7, 8, 24^3\})$	21888
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 8, 24^3\})$	1536
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 8, 24^3\})$	10752
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 8, 24^3\})$	6144
24	$\mathcal{O}(0; \{2^5, 3^2, 6, 8, 24^3\})$	1408
24	$\mathcal{O}(0; \{2, 3^5, 6, 8, 24^3\})$	10880
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6, 8, 24^3\})$	5632
24	$\mathcal{O}(0; \{2^6, 6^2, 8, 24^3\})$	640
24	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 8, 24^3\})$	5504
24	$\mathcal{O}(0; \{2^3, 4^2, 6^2, 8, 24^3\})$	2560
24	$\mathcal{O}(0; \{4^4, 6^2, 8, 24^3\})$	10240
24	$\mathcal{O}(0; \{2^3, 3, 6^3, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{3, 4^2, 6^3, 8, 24^3\})$	10752
24	$\mathcal{O}(0; \{3^2, 6^4, 8, 24^3\})$	10880
24	$\mathcal{O}(0; \{2, 6^5, 8, 24^3\})$	5504
24	$\mathcal{O}(0; \{2^3, 3, 4, 8^3, 24^3\})$	12288
24	$\mathcal{O}(0; \{3, 4^3, 8^3, 24^3\})$	49152
24	$\mathcal{O}(0; \{3^2, 4, 6, 8^3, 24^3\})$	45056
24	$\mathcal{O}(0; \{2, 4, 6^2, 8^3, 24^3\})$	20480
24	$\mathcal{O}(0; \{2, 3, 8^5, 24^3\})$	98304
24	$\mathcal{O}(0; \{2^6, 4, 8, 12, 24^3\})$	1536

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 8, 12, 24^3\})$	10752
24	$\mathcal{O}(0; \{2^3, 4^3, 8, 12, 24^3\})$	6144
24	$\mathcal{O}(0; \{4^5, 8, 12, 24^3\})$	24576
24	$\mathcal{O}(0; \{2^3, 3, 4, 6, 8, 12, 24^3\})$	5632
24	$\mathcal{O}(0; \{3, 4^3, 6, 8, 12, 24^3\})$	22528
24	$\mathcal{O}(0; \{3^2, 4, 6^2, 8, 12, 24^3\})$	22016
24	$\mathcal{O}(0; \{2, 4, 6^3, 8, 12, 24^3\})$	10752
24	$\mathcal{O}(0; \{2^4, 8^3, 12, 24^3\})$	12288
24	$\mathcal{O}(0; \{3^3, 8^3, 12, 24^3\})$	86016
24	$\mathcal{O}(0; \{2, 4^2, 8^3, 12, 24^3\})$	49152
24	$\mathcal{O}(0; \{2, 3, 6, 8^3, 12, 24^3\})$	45056
24	$\mathcal{O}(0; \{2^3, 3^2, 8, 12^2, 24^3\})$	10752
24	$\mathcal{O}(0; \{3^2, 4^2, 8, 12^2, 24^3\})$	43008
24	$\mathcal{O}(0; \{2^4, 6, 8, 12^2, 24^3\})$	5632
24	$\mathcal{O}(0; \{3^3, 6, 8, 12^2, 24^3\})$	43520
24	$\mathcal{O}(0; \{2, 4^2, 6, 8, 12^2, 24^3\})$	22528
24	$\mathcal{O}(0; \{2, 3, 6^2, 8, 12^2, 24^3\})$	22016
24	$\mathcal{O}(0; \{2, 3, 4, 8, 12^3, 24^3\})$	43008
24	$\mathcal{O}(0; \{2^2, 8, 12^4, 24^3\})$	43008
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 24^4\})$	2816
24	$\mathcal{O}(0; \{2, 3^5, 4, 24^4\})$	21760
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 24^4\})$	11264
24	$\mathcal{O}(0; \{2^6, 4, 6, 24^4\})$	1280
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6, 24^4\})$	11008
24	$\mathcal{O}(0; \{2^3, 4^3, 6, 24^4\})$	5120
24	$\mathcal{O}(0; \{4^5, 6, 24^4\})$	20480
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^2, 24^4\})$	5376
24	$\mathcal{O}(0; \{3, 4^3, 6^2, 24^4\})$	21504
24	$\mathcal{O}(0; \{3^2, 4, 6^3, 24^4\})$	21760
24	$\mathcal{O}(0; \{2, 4, 6^4, 24^4\})$	11008
24	$\mathcal{O}(0; \{2^3, 3^2, 8^2, 24^4\})$	22528
24	$\mathcal{O}(0; \{3^2, 4^2, 8^2, 24^4\})$	90112
24	$\mathcal{O}(0; \{2^4, 6, 8^2, 24^4\})$	10240
24	$\mathcal{O}(0; \{3^3, 6, 8^2, 24^4\})$	88064
24	$\mathcal{O}(0; \{2, 4^2, 6, 8^2, 24^4\})$	40960
24	$\mathcal{O}(0; \{2, 3, 6^2, 8^2, 24^4\})$	43008
24	$\mathcal{O}(0; \{2^6, 3, 12, 24^4\})$	2816
24	$\mathcal{O}(0; \{2^2, 3^4, 12, 24^4\})$	21760
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 12, 24^4\})$	11264
24	$\mathcal{O}(0; \{3, 4^4, 12, 24^4\})$	45056
24	$\mathcal{O}(0; \{2^3, 3^2, 6, 12, 24^4\})$	11008
24	$\mathcal{O}(0; \{3^2, 4^2, 6, 12, 24^4\})$	44032
24	$\mathcal{O}(0; \{2^4, 6^2, 12, 24^4\})$	5376

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^3, 6^2, 12, 24^4\})$	43776
24	$\mathcal{O}(0; \{2, 4^2, 6^2, 12, 24^4\})$	21504
24	$\mathcal{O}(0; \{2, 3, 6^3, 12, 24^4\})$	21760
24	$\mathcal{O}(0; \{2, 3, 4, 8^2, 12, 24^4\})$	90112
24	$\mathcal{O}(0; \{2^4, 4, 12^2, 24^4\})$	11264
24	$\mathcal{O}(0; \{3^3, 4, 12^2, 24^4\})$	87040
24	$\mathcal{O}(0; \{2, 4^3, 12^2, 24^4\})$	45056
24	$\mathcal{O}(0; \{2, 3, 4, 6, 12^2, 24^4\})$	44032
24	$\mathcal{O}(0; \{2^2, 8^2, 12^2, 24^4\})$	90112
24	$\mathcal{O}(0; \{2, 3^2, 12^3, 24^4\})$	87040
24	$\mathcal{O}(0; \{2^2, 6, 12^3, 24^4\})$	44032
24	$\mathcal{O}(0; \{12^5, 24^4\})$	348160
24	$\mathcal{O}(0; \{2^4, 4, 8, 24^5\})$	20480
24	$\mathcal{O}(0; \{3^3, 4, 8, 24^5\})$	176128
24	$\mathcal{O}(0; \{2, 4^3, 8, 24^5\})$	81920
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8, 24^5\})$	86016
24	$\mathcal{O}(0; \{2^2, 8^3, 24^5\})$	163840
24	$\mathcal{O}(0; \{2, 3^2, 8, 12, 24^5\})$	176128
24	$\mathcal{O}(0; \{2^2, 6, 8, 12, 24^5\})$	86016
24	$\mathcal{O}(0; \{8, 12^3, 24^5\})$	704512
24	$\mathcal{O}(0; \{2^4, 3, 24^6\})$	43008
24	$\mathcal{O}(0; \{3^4, 24^6\})$	350208
24	$\mathcal{O}(0; \{2, 3, 4^2, 24^6\})$	172032
24	$\mathcal{O}(0; \{2, 3^2, 6, 24^6\})$	174080
24	$\mathcal{O}(0; \{2^2, 6^2, 24^6\})$	88064
24	$\mathcal{O}(0; \{2^2, 4, 12, 24^6\})$	172032
24	$\mathcal{O}(0; \{8^2, 12, 24^6\})$	1376256
24	$\mathcal{O}(0; \{6, 12^2, 24^6\})$	696320
24	$\mathcal{O}(0; \{6, 8, 24^7\})$	1409024
24	$\mathcal{O}(0; \{4, 24^8\})$	2818048
25	$\mathcal{O}(0; \{5^3, 25^6\})$	164000000
26	$\mathcal{O}(3; \{26^2\})$	3706989312
26	$\mathcal{O}(2; \{2^4, 26^2\})$	5483712
26	$\mathcal{O}(1; \{2^8, 26^2\})$	8112
26	$\mathcal{O}(0; \{2, 13^7, 26\})$	33075516
26	$\mathcal{O}(0; \{2^{12}, 26^2\})$	12
27	$\mathcal{O}(2; \{9^2, 27^2\})$	344373768
27	$\mathcal{O}(1; \{3^3, 9^2, 27^2\})$	3779136
27	$\mathcal{O}(1; \{9, 27^5\})$	286978140
27	$\mathcal{O}(0; \{3^6, 9^2, 27^2\})$	41472
27	$\mathcal{O}(0; \{3^2, 9^5, 27^2\})$	559872
27	$\mathcal{O}(0; \{3^3, 9, 27^5\})$	3149280
27	$\mathcal{O}(0; \{27^8\})$	411335334

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(3; \{4^2\})$	963772416
28	$\mathcal{O}(2; \{2^4, 4^2\})$	1228800
28	$\mathcal{O}(2; \{2, 4^4\})$	4915200
28	$\mathcal{O}(2; \{4, 7, 14, 28\})$	36879360
28	$\mathcal{O}(1; \{2^8, 4^2\})$	1536
28	$\mathcal{O}(1; \{2^5, 4^4\})$	6144
28	$\mathcal{O}(1; \{2^2, 4^6\})$	24576
28	$\mathcal{O}(1; \{2, 4^2, 7^3, 14\})$	291648
28	$\mathcal{O}(1; \{2^4, 4, 7, 14, 28\})$	47040
28	$\mathcal{O}(1; \{2, 4^3, 7, 14, 28\})$	188160
28	$\mathcal{O}(1; \{2^2, 4, 14^3, 28\})$	291648
28	$\mathcal{O}(1; \{2^2, 7^3, 28^2\})$	1740480
28	$\mathcal{O}(1; \{7^2, 14^2, 28^2\})$	10452288
28	$\mathcal{O}(1; \{2^2, 4, 7, 28^3\})$	1166592
28	$\mathcal{O}(1; \{4, 14^2, 28^3\})$	6961920
28	$\mathcal{O}(0; \{4^2, 7^7\})$	79980
28	$\mathcal{O}(0; \{2^5, 4^2, 7^3, 14\})$	372
28	$\mathcal{O}(0; \{2^2, 4^4, 7^3, 14\})$	1488
28	$\mathcal{O}(0; \{2^3, 4^2, 7^2, 14^3\})$	2220
28	$\mathcal{O}(0; \{4^4, 7^2, 14^3\})$	8880
28	$\mathcal{O}(0; \{2, 4^2, 7, 14^5\})$	13332
28	$\mathcal{O}(0; \{2^3, 4, 7^5, 28\})$	13332
28	$\mathcal{O}(0; \{4^3, 7^5, 28\})$	53328
28	$\mathcal{O}(0; \{2^8, 4, 7, 14, 28\})$	60
28	$\mathcal{O}(0; \{2^5, 4^3, 7, 14, 28\})$	240
28	$\mathcal{O}(0; \{2^2, 4^5, 7, 14, 28\})$	960
28	$\mathcal{O}(0; \{2, 4, 7^4, 14^2, 28\})$	79980
28	$\mathcal{O}(0; \{2^6, 4, 14^3, 28\})$	372
28	$\mathcal{O}(0; \{2^3, 4^3, 14^3, 28\})$	1488
28	$\mathcal{O}(0; \{4^5, 14^3, 28\})$	5952
28	$\mathcal{O}(0; \{2^6, 7^3, 28^2\})$	2220
28	$\mathcal{O}(0; \{2^3, 4^2, 7^3, 28^2\})$	8880
28	$\mathcal{O}(0; \{4^4, 7^3, 28^2\})$	35520
28	$\mathcal{O}(0; \{2^4, 7^2, 14^2, 28^2\})$	13332
28	$\mathcal{O}(0; \{2, 4^2, 7^2, 14^2, 28^2\})$	53328
28	$\mathcal{O}(0; \{2^2, 7, 14^4, 28^2\})$	79980
28	$\mathcal{O}(0; \{14^6, 28^2\})$	479892
28	$\mathcal{O}(0; \{2^6, 4, 7, 28^3\})$	1488
28	$\mathcal{O}(0; \{2^3, 4^3, 7, 28^3\})$	5952
28	$\mathcal{O}(0; \{4^5, 7, 28^3\})$	23808
28	$\mathcal{O}(0; \{2^4, 4, 14^2, 28^3\})$	8880
28	$\mathcal{O}(0; \{2, 4^3, 14^2, 28^3\})$	35520
28	$\mathcal{O}(0; \{2^2, 7^2, 14, 28^4\})$	319920

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{7, 14^3, 28^4\})$	1919568
28	$\mathcal{O}(0; \{2^2, 4, 14, 28^5\})$	213312
28	$\mathcal{O}(0; \{7^2, 28^6\})$	7678272
28	$\mathcal{O}(0; \{4, 28^7\})$	5118720
30	$\mathcal{O}(2; \{3^2, 10^2\})$	6480000
30	$\mathcal{O}(1; \{2, 3^2, 5^3, 10\})$	93600
30	$\mathcal{O}(1; \{2^4, 3^2, 10^2\})$	7200
30	$\mathcal{O}(1; \{3^5, 10^2\})$	36000
30	$\mathcal{O}(1; \{2, 3^3, 6, 10^2\})$	21600
30	$\mathcal{O}(1; \{2^2, 3, 6^2, 10^2\})$	7200
30	$\mathcal{O}(1; \{6^4, 10^2\})$	21600
30	$\mathcal{O}(1; \{2, 3^3, 5, 10, 15\})$	64800
30	$\mathcal{O}(1; \{2^2, 3, 5, 6, 10, 15\})$	21600
30	$\mathcal{O}(1; \{5, 6^3, 10, 15\})$	64800
30	$\mathcal{O}(1; \{3, 6, 10^3, 15\})$	93600
30	$\mathcal{O}(1; \{2^2, 3, 5^2, 15^2\})$	93600
30	$\mathcal{O}(1; \{5^2, 6^2, 15^2\})$	280800
30	$\mathcal{O}(1; \{3, 5, 10^2, 15^2\})$	367200
30	$\mathcal{O}(1; \{2^2, 3^2, 15^3\})$	108000
30	$\mathcal{O}(1; \{2^3, 6, 15^3\})$	64800
30	$\mathcal{O}(1; \{3, 6^2, 15^3\})$	237600
30	$\mathcal{O}(1; \{2, 10, 15^4\})$	1101600
30	$\mathcal{O}(1; \{2^2, 3, 5^2, 10, 30\})$	93600
30	$\mathcal{O}(1; \{5^2, 6^2, 10, 30\})$	93600
30	$\mathcal{O}(1; \{3, 5, 10^3, 30\})$	367200
30	$\mathcal{O}(1; \{5^3, 6, 15, 30\})$	367200
30	$\mathcal{O}(1; \{2^2, 3^2, 10, 15, 30\})$	64800
30	$\mathcal{O}(1; \{2^3, 6, 10, 15, 30\})$	21600
30	$\mathcal{O}(1; \{3, 6^2, 10, 15, 30\})$	108000
30	$\mathcal{O}(1; \{2^3, 5, 15^2, 30\})$	93600
30	$\mathcal{O}(1; \{3, 5, 6, 15^2, 30\})$	468000
30	$\mathcal{O}(1; \{2, 10^2, 15^2, 30\})$	367200
30	$\mathcal{O}(1; \{5^4, 30^2\})$	1476000
30	$\mathcal{O}(1; \{2^3, 5, 10, 30^2\})$	93600
30	$\mathcal{O}(1; \{3, 5, 6, 10, 30^2\})$	280800
30	$\mathcal{O}(1; \{2, 10^3, 30^2\})$	367200
30	$\mathcal{O}(1; \{3, 5^2, 15, 30^2\})$	1101600
30	$\mathcal{O}(1; \{3^2, 15^2, 30^2\})$	1029600
30	$\mathcal{O}(1; \{2, 6, 15^2, 30^2\})$	468000
30	$\mathcal{O}(1; \{3^2, 10, 30^3\})$	468000
30	$\mathcal{O}(1; \{2, 6, 10, 30^3\})$	280800
30	$\mathcal{O}(1; \{2, 5, 15, 30^3\})$	1101600
30	$\mathcal{O}(0; \{2^2, 3^2, 5^6\})$	1640

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{3, 5^6, 6^2\})$	1640
30	$\mathcal{O}(0; \{2^5, 3^2, 5^3, 10\})$	104
30	$\mathcal{O}(0; \{2, 3^5, 5^3, 10\})$	520
30	$\mathcal{O}(0; \{2^2, 3^3, 5^3, 6, 10\})$	312
30	$\mathcal{O}(0; \{2^3, 3, 5^3, 6^2, 10\})$	104
30	$\mathcal{O}(0; \{3^2, 5^3, 6^3, 10\})$	520
30	$\mathcal{O}(0; \{2, 5^3, 6^4, 10\})$	312
30	$\mathcal{O}(0; \{2^8, 3^2, 10^2\})$	8
30	$\mathcal{O}(0; \{2^4, 3^5, 10^2\})$	40
30	$\mathcal{O}(0; \{3^8, 10^2\})$	344
30	$\mathcal{O}(0; \{3^2, 5^5, 10^2\})$	6552
30	$\mathcal{O}(0; \{2^5, 3^3, 6, 10^2\})$	24
30	$\mathcal{O}(0; \{2, 3^6, 6, 10^2\})$	168
30	$\mathcal{O}(0; \{2^6, 3, 6^2, 10^2\})$	8
30	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 10^2\})$	88
30	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 10^2\})$	40
30	$\mathcal{O}(0; \{2^4, 6^4, 10^2\})$	24
30	$\mathcal{O}(0; \{3^3, 6^4, 10^2\})$	168
30	$\mathcal{O}(0; \{2, 3, 6^5, 10^2\})$	88
30	$\mathcal{O}(0; \{2^3, 3^2, 5^2, 10^3\})$	408
30	$\mathcal{O}(0; \{3^3, 5^2, 6, 10^3\})$	1224
30	$\mathcal{O}(0; \{2, 3, 5^2, 6^2, 10^3\})$	408
30	$\mathcal{O}(0; \{2, 3^2, 5, 10^5\})$	1640
30	$\mathcal{O}(0; \{2^2, 3^3, 5^4, 15\})$	1224
30	$\mathcal{O}(0; \{2^3, 3, 5^4, 6, 15\})$	408
30	$\mathcal{O}(0; \{3^2, 5^4, 6^2, 15\})$	2040
30	$\mathcal{O}(0; \{2, 5^4, 6^3, 15\})$	1224
30	$\mathcal{O}(0; \{2^5, 3^3, 5, 10, 15\})$	72
30	$\mathcal{O}(0; \{2, 3^6, 5, 10, 15\})$	504
30	$\mathcal{O}(0; \{2^6, 3, 5, 6, 10, 15\})$	24
30	$\mathcal{O}(0; \{2^2, 3^4, 5, 6, 10, 15\})$	264
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 6^2, 10, 15\})$	120
30	$\mathcal{O}(0; \{2^4, 5, 6^3, 10, 15\})$	72
30	$\mathcal{O}(0; \{3^3, 5, 6^3, 10, 15\})$	504
30	$\mathcal{O}(0; \{2, 3, 5, 6^4, 10, 15\})$	264
30	$\mathcal{O}(0; \{3^3, 5^3, 10^2, 15\})$	4920
30	$\mathcal{O}(0; \{2, 3, 5^3, 6, 10^2, 15\})$	1640
30	$\mathcal{O}(0; \{2^3, 3^3, 10^3, 15\})$	312
30	$\mathcal{O}(0; \{2^4, 3, 6, 10^3, 15\})$	104
30	$\mathcal{O}(0; \{3^4, 6, 10^3, 15\})$	1144
30	$\mathcal{O}(0; \{2, 3^2, 6^2, 10^3, 15\})$	520
30	$\mathcal{O}(0; \{2^2, 6^3, 10^3, 15\})$	312
30	$\mathcal{O}(0; \{2^6, 3, 5^2, 15^2\})$	104

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^2, 3^4, 5^2, 15^2\})$	1144
30	$\mathcal{O}(0; \{2^3, 3^2, 5^2, 6, 15^2\})$	520
30	$\mathcal{O}(0; \{2^4, 5^2, 6^2, 15^2\})$	312
30	$\mathcal{O}(0; \{3^3, 5^2, 6^2, 15^2\})$	2184
30	$\mathcal{O}(0; \{2, 3, 5^2, 6^3, 15^2\})$	1144
30	$\mathcal{O}(0; \{2, 3, 5^4, 10, 15^2\})$	6552
30	$\mathcal{O}(0; \{2^4, 3, 5, 10^2, 15^2\})$	408
30	$\mathcal{O}(0; \{3^4, 5, 10^2, 15^2\})$	4488
30	$\mathcal{O}(0; \{2, 3^2, 5, 6, 10^2, 15^2\})$	2040
30	$\mathcal{O}(0; \{2^2, 5, 6^2, 10^2, 15^2\})$	1224
30	$\mathcal{O}(0; \{2^2, 3, 10^4, 15^2\})$	1640
30	$\mathcal{O}(0; \{6^2, 10^4, 15^2\})$	4920
30	$\mathcal{O}(0; \{2^6, 3^2, 15^3\})$	120
30	$\mathcal{O}(0; \{2^2, 3^5, 15^3\})$	1032
30	$\mathcal{O}(0; \{2^7, 6, 15^3\})$	72
30	$\mathcal{O}(0; \{2^3, 3^3, 6, 15^3\})$	504
30	$\mathcal{O}(0; \{2^4, 3, 6^2, 15^3\})$	264
30	$\mathcal{O}(0; \{3^4, 6^2, 15^3\})$	2040
30	$\mathcal{O}(0; \{2, 3^2, 6^3, 15^3\})$	1032
30	$\mathcal{O}(0; \{2^2, 6^4, 15^3\})$	504
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 10, 15^3\})$	8200
30	$\mathcal{O}(0; \{2^2, 5^2, 6, 10, 15^3\})$	4920
30	$\mathcal{O}(0; \{5, 6, 10^3, 15^3\})$	19656
30	$\mathcal{O}(0; \{2^2, 5^3, 15^4\})$	19656
30	$\mathcal{O}(0; \{2^5, 10, 15^4\})$	1224
30	$\mathcal{O}(0; \{2, 3^3, 10, 15^4\})$	8568
30	$\mathcal{O}(0; \{2^2, 3, 6, 10, 15^4\})$	4488
30	$\mathcal{O}(0; \{6^3, 10, 15^4\})$	8568
30	$\mathcal{O}(0; \{5^2, 10^2, 15^4\})$	78648
30	$\mathcal{O}(0; \{2^2, 3, 5, 15^5\})$	18040
30	$\mathcal{O}(0; \{5, 6^2, 15^5\})$	34440
30	$\mathcal{O}(0; \{3, 10^2, 15^5\})$	72072
30	$\mathcal{O}(0; \{2^3, 3, 5^5, 30\})$	1640
30	$\mathcal{O}(0; \{3^2, 5^5, 6, 30\})$	4920
30	$\mathcal{O}(0; \{2, 5^5, 6^2, 30\})$	1640
30	$\mathcal{O}(0; \{2^6, 3, 5^2, 10, 30\})$	104
30	$\mathcal{O}(0; \{2^2, 3^4, 5^2, 10, 30\})$	520
30	$\mathcal{O}(0; \{2^3, 3^2, 5^2, 6, 10, 30\})$	312
30	$\mathcal{O}(0; \{2^4, 5^2, 6^2, 10, 30\})$	104
30	$\mathcal{O}(0; \{3^3, 5^2, 6^2, 10, 30\})$	1144
30	$\mathcal{O}(0; \{2, 3, 5^2, 6^3, 10, 30\})$	520
30	$\mathcal{O}(0; \{2, 3, 5^4, 10^2, 30\})$	6552
30	$\mathcal{O}(0; \{2^4, 3, 5, 10^3, 30\})$	408

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{3^4, 5, 10^3, 30\})$	2040
30	$\mathcal{O}(0; \{2, 3^2, 5, 6, 10^3, 30\})$	1224
30	$\mathcal{O}(0; \{2^2, 5, 6^2, 10^3, 30\})$	408
30	$\mathcal{O}(0; \{2^2, 3, 10^5, 30\})$	1640
30	$\mathcal{O}(0; \{6^2, 10^5, 30\})$	1640
30	$\mathcal{O}(0; \{2^3, 3^2, 5^3, 15, 30\})$	1224
30	$\mathcal{O}(0; \{2^4, 5^3, 6, 15, 30\})$	408
30	$\mathcal{O}(0; \{3^3, 5^3, 6, 15, 30\})$	4488
30	$\mathcal{O}(0; \{2, 3, 5^3, 6^2, 15, 30\})$	2040
30	$\mathcal{O}(0; \{2^6, 3^2, 10, 15, 30\})$	72
30	$\mathcal{O}(0; \{2^2, 3^5, 10, 15, 30\})$	504
30	$\mathcal{O}(0; \{2^7, 6, 10, 15, 30\})$	24
30	$\mathcal{O}(0; \{2^3, 3^3, 6, 10, 15, 30\})$	264
30	$\mathcal{O}(0; \{2^4, 3, 6^2, 10, 15, 30\})$	120
30	$\mathcal{O}(0; \{3^4, 6^2, 10, 15, 30\})$	1032
30	$\mathcal{O}(0; \{2, 3^2, 6^3, 10, 15, 30\})$	504
30	$\mathcal{O}(0; \{2^2, 6^4, 10, 15, 30\})$	264
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 10^2, 15, 30\})$	4920
30	$\mathcal{O}(0; \{2^2, 5^2, 6, 10^2, 15, 30\})$	1640
30	$\mathcal{O}(0; \{5, 6, 10^4, 15, 30\})$	6552
30	$\mathcal{O}(0; \{2^7, 5, 15^2, 30\})$	104
30	$\mathcal{O}(0; \{2^3, 3^3, 5, 15^2, 30\})$	1144
30	$\mathcal{O}(0; \{2^4, 3, 5, 6, 15^2, 30\})$	520
30	$\mathcal{O}(0; \{3^4, 5, 6, 15^2, 30\})$	4472
30	$\mathcal{O}(0; \{2, 3^2, 5, 6^2, 15^2, 30\})$	2184
30	$\mathcal{O}(0; \{2^2, 5, 6^3, 15^2, 30\})$	1144
30	$\mathcal{O}(0; \{2^2, 5^3, 10, 15^2, 30\})$	6552
30	$\mathcal{O}(0; \{2^5, 10^2, 15^2, 30\})$	408
30	$\mathcal{O}(0; \{2, 3^3, 10^2, 15^2, 30\})$	4488
30	$\mathcal{O}(0; \{2^2, 3, 6, 10^2, 15^2, 30\})$	2040
30	$\mathcal{O}(0; \{6^3, 10^2, 15^2, 30\})$	4488
30	$\mathcal{O}(0; \{5^2, 10^3, 15^2, 30\})$	26216
30	$\mathcal{O}(0; \{2^2, 3, 5, 10, 15^3, 30\})$	8200
30	$\mathcal{O}(0; \{5, 6^2, 10, 15^3, 30\})$	18040
30	$\mathcal{O}(0; \{3, 10^3, 15^3, 30\})$	32760
30	$\mathcal{O}(0; \{5^2, 6, 15^4, 30\})$	72072
30	$\mathcal{O}(0; \{2^3, 15^5, 30\})$	18040
30	$\mathcal{O}(0; \{3, 6, 15^5, 30\})$	70520
30	$\mathcal{O}(0; \{2^4, 5^4, 30^2\})$	1640
30	$\mathcal{O}(0; \{3^3, 5^4, 30^2\})$	8200
30	$\mathcal{O}(0; \{2, 3, 5^4, 6, 30^2\})$	4920
30	$\mathcal{O}(0; \{2^7, 5, 10, 30^2\})$	104
30	$\mathcal{O}(0; \{2^3, 3^3, 5, 10, 30^2\})$	520

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^4, 3, 5, 6, 10, 30^2\})$	312
30	$\mathcal{O}(0; \{3^4, 5, 6, 10, 30^2\})$	2184
30	$\mathcal{O}(0; \{2, 3^2, 5, 6^2, 10, 30^2\})$	1144
30	$\mathcal{O}(0; \{2^2, 5, 6^3, 10, 30^2\})$	520
30	$\mathcal{O}(0; \{2^2, 5^3, 10^2, 30^2\})$	6552
30	$\mathcal{O}(0; \{2^5, 10^3, 30^2\})$	408
30	$\mathcal{O}(0; \{2, 3^3, 10^3, 30^2\})$	2040
30	$\mathcal{O}(0; \{2^2, 3, 6, 10^3, 30^2\})$	1224
30	$\mathcal{O}(0; \{6^3, 10^3, 30^2\})$	2040
30	$\mathcal{O}(0; \{5^2, 10^4, 30^2\})$	26216
30	$\mathcal{O}(0; \{2^4, 3, 5^2, 15, 30^2\})$	1224
30	$\mathcal{O}(0; \{3^4, 5^2, 15, 30^2\})$	8568
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 6, 15, 30^2\})$	4488
30	$\mathcal{O}(0; \{2^2, 5^2, 6^2, 15, 30^2\})$	2040
30	$\mathcal{O}(0; \{2^2, 3, 5, 10^2, 15, 30^2\})$	4920
30	$\mathcal{O}(0; \{5, 6^2, 10^2, 15, 30^2\})$	8200
30	$\mathcal{O}(0; \{3, 10^4, 15, 30^2\})$	19656
30	$\mathcal{O}(0; \{2^4, 3^2, 15^2, 30^2\})$	1144
30	$\mathcal{O}(0; \{3^5, 15^2, 30^2\})$	8840
30	$\mathcal{O}(0; \{2^5, 6, 15^2, 30^2\})$	520
30	$\mathcal{O}(0; \{2, 3^3, 6, 15^2, 30^2\})$	4472
30	$\mathcal{O}(0; \{2^2, 3, 6^2, 15^2, 30^2\})$	2184
30	$\mathcal{O}(0; \{6^4, 15^2, 30^2\})$	4472
30	$\mathcal{O}(0; \{5^2, 6, 10, 15^2, 30^2\})$	32760
30	$\mathcal{O}(0; \{5^3, 15^3, 30^2\})$	131080
30	$\mathcal{O}(0; \{2^3, 10, 15^3, 30^2\})$	8200
30	$\mathcal{O}(0; \{3, 6, 10, 15^3, 30^2\})$	34440
30	$\mathcal{O}(0; \{3, 5, 15^4, 30^2\})$	137592
30	$\mathcal{O}(0; \{2, 3^2, 5^3, 30^3\})$	8200
30	$\mathcal{O}(0; \{2^2, 5^3, 6, 30^3\})$	4920
30	$\mathcal{O}(0; \{2^4, 3^2, 10, 30^3\})$	520
30	$\mathcal{O}(0; \{3^5, 10, 30^3\})$	4472
30	$\mathcal{O}(0; \{2^5, 6, 10, 30^3\})$	312
30	$\mathcal{O}(0; \{2, 3^3, 6, 10, 30^3\})$	2184
30	$\mathcal{O}(0; \{2^2, 3, 6^2, 10, 30^3\})$	1144
30	$\mathcal{O}(0; \{6^4, 10, 30^3\})$	2184
30	$\mathcal{O}(0; \{5^2, 6, 10^2, 30^3\})$	19656
30	$\mathcal{O}(0; \{2^5, 5, 15, 30^3\})$	1224
30	$\mathcal{O}(0; \{2, 3^3, 5, 15, 30^3\})$	8568
30	$\mathcal{O}(0; \{2^2, 3, 5, 6, 15, 30^3\})$	4488
30	$\mathcal{O}(0; \{5, 6^3, 15, 30^3\})$	8568
30	$\mathcal{O}(0; \{5^3, 10, 15, 30^3\})$	78648
30	$\mathcal{O}(0; \{2^3, 10^2, 15, 30^3\})$	4920

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{3, 6, 10^2, 15, 30^3\})$	18040
30	$\mathcal{O}(0; \{3, 5, 10, 15^2, 30^3\})$	72072
30	$\mathcal{O}(0; \{2, 15^4, 30^3\})$	137592
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 30^4\})$	8200
30	$\mathcal{O}(0; \{5^2, 6^2, 30^4\})$	18040
30	$\mathcal{O}(0; \{3, 5, 10^2, 30^4\})$	32760
30	$\mathcal{O}(0; \{2^2, 3^2, 15, 30^4\})$	8568
30	$\mathcal{O}(0; \{2^3, 6, 15, 30^4\})$	4488
30	$\mathcal{O}(0; \{3, 6^2, 15, 30^4\})$	17544
30	$\mathcal{O}(0; \{2, 10, 15^2, 30^4\})$	72072
30	$\mathcal{O}(0; \{2^3, 5, 30^5\})$	8200
30	$\mathcal{O}(0; \{3, 5, 6, 30^5\})$	34440
30	$\mathcal{O}(0; \{2, 10^2, 30^5\})$	32760
30	$\mathcal{O}(0; \{3^2, 30^6\})$	70520
30	$\mathcal{O}(0; \{2, 6, 30^6\})$	34440
32	$\mathcal{O}(2; \{8, 32^2\})$	67108864
32	$\mathcal{O}(1; \{2^4, 8, 32^2\})$	65536
32	$\mathcal{O}(1; \{2, 4^2, 8, 32^2\})$	262144
32	$\mathcal{O}(1; \{2^2, 16^2, 32^2\})$	1048576
32	$\mathcal{O}(1; \{16, 32^4\})$	33554432
32	$\mathcal{O}(0; \{2^8, 8, 32^2\})$	64
32	$\mathcal{O}(0; \{2^5, 4^2, 8, 32^2\})$	256
32	$\mathcal{O}(0; \{2^2, 4^4, 8, 32^2\})$	1024
32	$\mathcal{O}(0; \{2^3, 4, 8^3, 32^2\})$	2048
32	$\mathcal{O}(0; \{4^3, 8^3, 32^2\})$	8192
32	$\mathcal{O}(0; \{2, 8^5, 32^2\})$	16384
32	$\mathcal{O}(0; \{2^6, 16^2, 32^2\})$	1024
32	$\mathcal{O}(0; \{2^3, 4^2, 16^2, 32^2\})$	4096
32	$\mathcal{O}(0; \{4^4, 16^2, 32^2\})$	16384
32	$\mathcal{O}(0; \{2, 4, 8^2, 16^2, 32^2\})$	32768
32	$\mathcal{O}(0; \{2^4, 16, 32^4\})$	32768
32	$\mathcal{O}(0; \{2, 4^2, 16, 32^4\})$	131072
32	$\mathcal{O}(0; \{2^2, 32^6\})$	1048576
33	$\mathcal{O}(2; \{3^4\})$	7115040
33	$\mathcal{O}(1; \{3^7\})$	45360
33	$\mathcal{O}(1; \{11^3, 33^2\})$	19798020
33	$\mathcal{O}(0; \{3^3, 11^3, 33^2\})$	90900
33	$\mathcal{O}(0; \{11^2, 33^5\})$	9090900
35	$\mathcal{O}(2; \{5^3\})$	18000000
35	$\mathcal{O}(1; \{5^2, 7, 35^2\})$	1911000
35	$\mathcal{O}(0; \{5, 7^2, 35^4\})$	1359864
36	$\mathcal{O}(1; \{2^2, 4^2, 9^2\})$	15552
36	$\mathcal{O}(1; \{4, 6, 9^2, 12\})$	62208

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{3, 9^2, 12^2\})$	124416
36	$\mathcal{O}(1; \{4^2, 9, 18^2\})$	46656
36	$\mathcal{O}(1; \{2^2, 3, 4, 9, 36\})$	31104
36	$\mathcal{O}(1; \{4, 6^2, 9, 36\})$	62208
36	$\mathcal{O}(1; \{2^3, 9, 12, 36\})$	31104
36	$\mathcal{O}(1; \{4^2, 9, 12, 36\})$	124416
36	$\mathcal{O}(1; \{3, 6, 9, 12, 36\})$	124416
36	$\mathcal{O}(1; \{3, 4, 18^2, 36\})$	93312
36	$\mathcal{O}(1; \{2, 12, 18^2, 36\})$	93312
36	$\mathcal{O}(1; \{2^2, 3^2, 36^2\})$	62208
36	$\mathcal{O}(1; \{2^3, 6, 36^2\})$	31104
36	$\mathcal{O}(1; \{4^2, 6, 36^2\})$	124416
36	$\mathcal{O}(1; \{3, 6^2, 36^2\})$	124416
36	$\mathcal{O}(1; \{3, 4, 12, 36^2\})$	248832
36	$\mathcal{O}(1; \{2, 12^2, 36^2\})$	248832
36	$\mathcal{O}(1; \{2, 9, 18, 36^2\})$	419904
36	$\mathcal{O}(0; \{2^6, 4^2, 9^2\})$	12
36	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 9^2\})$	96
36	$\mathcal{O}(0; \{2^3, 4^4, 9^2\})$	48
36	$\mathcal{O}(0; \{4^6, 9^2\})$	192
36	$\mathcal{O}(0; \{2^3, 3, 4^2, 6, 9^2\})$	48
36	$\mathcal{O}(0; \{3, 4^4, 6, 9^2\})$	192
36	$\mathcal{O}(0; \{3^2, 4^2, 6^2, 9^2\})$	192
36	$\mathcal{O}(0; \{2, 4^2, 6^3, 9^2\})$	96
36	$\mathcal{O}(0; \{2^3, 3^2, 4, 9^2, 12\})$	96
36	$\mathcal{O}(0; \{3^2, 4^3, 9^2, 12\})$	384
36	$\mathcal{O}(0; \{2^4, 4, 6, 9^2, 12\})$	48
36	$\mathcal{O}(0; \{3^3, 4, 6, 9^2, 12\})$	384
36	$\mathcal{O}(0; \{2, 4^3, 6, 9^2, 12\})$	192
36	$\mathcal{O}(0; \{2, 3, 4, 6^2, 9^2, 12\})$	192
36	$\mathcal{O}(0; \{2^4, 3, 9^2, 12^2\})$	96
36	$\mathcal{O}(0; \{3^4, 9^2, 12^2\})$	768
36	$\mathcal{O}(0; \{2, 3, 4^2, 9^2, 12^2\})$	384
36	$\mathcal{O}(0; \{2, 3^2, 6, 9^2, 12^2\})$	384
36	$\mathcal{O}(0; \{2^2, 6^2, 9^2, 12^2\})$	192
36	$\mathcal{O}(0; \{9^5, 12^2\})$	6480
36	$\mathcal{O}(0; \{2^2, 4, 9^2, 12^3\})$	384
36	$\mathcal{O}(0; \{6, 9^2, 12^4\})$	1536
36	$\mathcal{O}(0; \{2, 3, 4^2, 9^3, 18\})$	648
36	$\mathcal{O}(0; \{2^2, 4, 9^3, 12, 18\})$	648
36	$\mathcal{O}(0; \{6, 9^3, 12^2, 18\})$	2592
36	$\mathcal{O}(0; \{2^4, 4^2, 9, 18^2\})$	36
36	$\mathcal{O}(0; \{3^3, 4^2, 9, 18^2\})$	288

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2, 4^4, 9, 18^2\})$	144
36	$\mathcal{O}(0; \{2, 3, 4^2, 6, 9, 18^2\})$	144
36	$\mathcal{O}(0; \{2, 3^2, 4, 9, 12, 18^2\})$	288
36	$\mathcal{O}(0; \{2^2, 4, 6, 9, 12, 18^2\})$	144
36	$\mathcal{O}(0; \{2^2, 3, 9, 12^2, 18^2\})$	288
36	$\mathcal{O}(0; \{6^2, 9, 12^2, 18^2\})$	576
36	$\mathcal{O}(0; \{4, 9, 12^3, 18^2\})$	1152
36	$\mathcal{O}(0; \{4, 9^2, 12, 18^3\})$	3240
36	$\mathcal{O}(0; \{2^2, 4^2, 18^4\})$	324
36	$\mathcal{O}(0; \{4, 6, 12, 18^4\})$	1296
36	$\mathcal{O}(0; \{3, 12^2, 18^4\})$	2592
36	$\mathcal{O}(0; \{2^6, 3, 4, 9, 36\})$	24
36	$\mathcal{O}(0; \{2^2, 3^4, 4, 9, 36\})$	192
36	$\mathcal{O}(0; \{2^3, 3, 4^3, 9, 36\})$	96
36	$\mathcal{O}(0; \{3, 4^5, 9, 36\})$	384
36	$\mathcal{O}(0; \{2^3, 3^2, 4, 6, 9, 36\})$	96
36	$\mathcal{O}(0; \{3^2, 4^3, 6, 9, 36\})$	384
36	$\mathcal{O}(0; \{2^4, 4, 6^2, 9, 36\})$	48
36	$\mathcal{O}(0; \{3^3, 4, 6^2, 9, 36\})$	384
36	$\mathcal{O}(0; \{2, 4^3, 6^2, 9, 36\})$	192
36	$\mathcal{O}(0; \{2, 3, 4, 6^3, 9, 36\})$	192
36	$\mathcal{O}(0; \{2^2, 4, 9^4, 36\})$	1620
36	$\mathcal{O}(0; \{2^7, 9, 12, 36\})$	24
36	$\mathcal{O}(0; \{2^3, 3^3, 9, 12, 36\})$	192
36	$\mathcal{O}(0; \{2^4, 4^2, 9, 12, 36\})$	96
36	$\mathcal{O}(0; \{3^3, 4^2, 9, 12, 36\})$	768
36	$\mathcal{O}(0; \{2, 4^4, 9, 12, 36\})$	384
36	$\mathcal{O}(0; \{2^4, 3, 6, 9, 12, 36\})$	96
36	$\mathcal{O}(0; \{3^4, 6, 9, 12, 36\})$	768
36	$\mathcal{O}(0; \{2, 3, 4^2, 6, 9, 12, 36\})$	384
36	$\mathcal{O}(0; \{2, 3^2, 6^2, 9, 12, 36\})$	384
36	$\mathcal{O}(0; \{2^2, 6^3, 9, 12, 36\})$	192
36	$\mathcal{O}(0; \{6, 9^4, 12, 36\})$	6480
36	$\mathcal{O}(0; \{2, 3^2, 4, 9, 12^2, 36\})$	768
36	$\mathcal{O}(0; \{2^2, 4, 6, 9, 12^2, 36\})$	384
36	$\mathcal{O}(0; \{2^2, 3, 9, 12^3, 36\})$	768
36	$\mathcal{O}(0; \{6^2, 9, 12^3, 36\})$	1536
36	$\mathcal{O}(0; \{4, 9, 12^4, 36\})$	3072
36	$\mathcal{O}(0; \{2, 3^2, 4, 9^2, 18, 36\})$	1296
36	$\mathcal{O}(0; \{2^2, 4, 6, 9^2, 18, 36\})$	648
36	$\mathcal{O}(0; \{2^2, 3, 9^2, 12, 18, 36\})$	1296
36	$\mathcal{O}(0; \{6^2, 9^2, 12, 18, 36\})$	2592
36	$\mathcal{O}(0; \{4, 9^2, 12^2, 18, 36\})$	5184

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2^4, 3, 4, 18^2, 36\})$	72
36	$\mathcal{O}(0; \{3^4, 4, 18^2, 36\})$	576
36	$\mathcal{O}(0; \{2, 3, 4^3, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{2, 3^2, 4, 6, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{2^2, 4, 6^2, 18^2, 36\})$	144
36	$\mathcal{O}(0; \{4, 9^3, 18^2, 36\})$	10692
36	$\mathcal{O}(0; \{2^5, 12, 18^2, 36\})$	72
36	$\mathcal{O}(0; \{2, 3^3, 12, 18^2, 36\})$	576
36	$\mathcal{O}(0; \{2^2, 4^2, 12, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{2^2, 3, 6, 12, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{6^3, 12, 18^2, 36\})$	576
36	$\mathcal{O}(0; \{4, 6, 12^2, 18^2, 36\})$	1152
36	$\mathcal{O}(0; \{3, 12^3, 18^2, 36\})$	2304
36	$\mathcal{O}(0; \{4, 6, 9, 18^3, 36\})$	3240
36	$\mathcal{O}(0; \{3, 9, 12, 18^3, 36\})$	6480
36	$\mathcal{O}(0; \{2^6, 3^2, 36^2\})$	48
36	$\mathcal{O}(0; \{2^2, 3^5, 36^2\})$	384
36	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 36^2\})$	192
36	$\mathcal{O}(0; \{3^2, 4^4, 36^2\})$	768
36	$\mathcal{O}(0; \{2^7, 6, 36^2\})$	24
36	$\mathcal{O}(0; \{2^3, 3^3, 6, 36^2\})$	192
36	$\mathcal{O}(0; \{2^4, 4^2, 6, 36^2\})$	96
36	$\mathcal{O}(0; \{3^3, 4^2, 6, 36^2\})$	768
36	$\mathcal{O}(0; \{2, 4^4, 6, 36^2\})$	384
36	$\mathcal{O}(0; \{2^4, 3, 6^2, 36^2\})$	96
36	$\mathcal{O}(0; \{3^4, 6^2, 36^2\})$	768
36	$\mathcal{O}(0; \{2, 3, 4^2, 6^2, 36^2\})$	384
36	$\mathcal{O}(0; \{2, 3^2, 6^3, 36^2\})$	384
36	$\mathcal{O}(0; \{2^2, 6^4, 36^2\})$	192
36	$\mathcal{O}(0; \{2^2, 3, 9^3, 36^2\})$	3240
36	$\mathcal{O}(0; \{6^2, 9^3, 36^2\})$	6480
36	$\mathcal{O}(0; \{2^4, 3, 4, 12, 36^2\})$	192
36	$\mathcal{O}(0; \{3^4, 4, 12, 36^2\})$	1536
36	$\mathcal{O}(0; \{2, 3, 4^3, 12, 36^2\})$	768
36	$\mathcal{O}(0; \{2, 3^2, 4, 6, 12, 36^2\})$	768
36	$\mathcal{O}(0; \{2^2, 4, 6^2, 12, 36^2\})$	384
36	$\mathcal{O}(0; \{4, 9^3, 12, 36^2\})$	12960
36	$\mathcal{O}(0; \{2^5, 12^2, 36^2\})$	192
36	$\mathcal{O}(0; \{2, 3^3, 12^2, 36^2\})$	1536
36	$\mathcal{O}(0; \{2^2, 4^2, 12^2, 36^2\})$	768
36	$\mathcal{O}(0; \{2^2, 3, 6, 12^2, 36^2\})$	768
36	$\mathcal{O}(0; \{6^3, 12^2, 36^2\})$	1536
36	$\mathcal{O}(0; \{4, 6, 12^3, 36^2\})$	3072

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{3, 12^4, 36^2\})$	6144
36	$\mathcal{O}(0; \{2^5, 9, 18, 36^2\})$	324
36	$\mathcal{O}(0; \{2, 3^3, 9, 18, 36^2\})$	2592
36	$\mathcal{O}(0; \{2^2, 4^2, 9, 18, 36^2\})$	1296
36	$\mathcal{O}(0; \{2^2, 3, 6, 9, 18, 36^2\})$	1296
36	$\mathcal{O}(0; \{6^3, 9, 18, 36^2\})$	2592
36	$\mathcal{O}(0; \{4, 6, 9, 12, 18, 36^2\})$	5184
36	$\mathcal{O}(0; \{3, 9, 12^2, 18, 36^2\})$	10368
36	$\mathcal{O}(0; \{3, 9^2, 18^2, 36^2\})$	21384
36	$\mathcal{O}(0; \{2^3, 18^3, 36^2\})$	1620
36	$\mathcal{O}(0; \{4^2, 18^3, 36^2\})$	6480
36	$\mathcal{O}(0; \{3, 6, 18^3, 36^2\})$	6480
36	$\mathcal{O}(0; \{4, 6, 9^2, 36^3\})$	12960
36	$\mathcal{O}(0; \{3, 9^2, 12, 36^3\})$	25920
36	$\mathcal{O}(0; \{2^2, 3, 4, 18, 36^3\})$	2592
36	$\mathcal{O}(0; \{4, 6^2, 18, 36^3\})$	5184
36	$\mathcal{O}(0; \{2^3, 12, 18, 36^3\})$	2592
36	$\mathcal{O}(0; \{4^2, 12, 18, 36^3\})$	10368
36	$\mathcal{O}(0; \{3, 6, 12, 18, 36^3\})$	10368
36	$\mathcal{O}(0; \{2^3, 9, 36^4\})$	6480
36	$\mathcal{O}(0; \{4^2, 9, 36^4\})$	25920
36	$\mathcal{O}(0; \{3, 6, 9, 36^4\})$	25920
36	$\mathcal{O}(0; \{2, 18^2, 36^4\})$	42768
36	$\mathcal{O}(0; \{3, 4, 36^5\})$	51840
36	$\mathcal{O}(0; \{2, 12, 36^5\})$	51840
39	$\mathcal{O}(2; \{39^2\})$	55522584
39	$\mathcal{O}(1; \{3^3, 39^2\})$	182520
39	$\mathcal{O}(0; \{3^2, 13^5\})$	38280
39	$\mathcal{O}(0; \{3^6, 39^2\})$	1032
40	$\mathcal{O}(1; \{2, 5^2, 8^2\})$	25600
40	$\mathcal{O}(1; \{2^2, 10, 40^2\})$	76800
40	$\mathcal{O}(1; \{20^2, 40^2\})$	1331200
40	$\mathcal{O}(0; \{2^5, 5^2, 8^2\})$	16
40	$\mathcal{O}(0; \{2^2, 4^2, 5^2, 8^2\})$	64
40	$\mathcal{O}(0; \{4, 5^2, 8^4\})$	512
40	$\mathcal{O}(0; \{5^4, 8^2, 10\})$	816
40	$\mathcal{O}(0; \{2^3, 5, 8^2, 10^2\})$	48
40	$\mathcal{O}(0; \{4^2, 5, 8^2, 10^2\})$	192
40	$\mathcal{O}(0; \{2, 8^2, 10^4\})$	208
40	$\mathcal{O}(0; \{4, 5^3, 8^2, 20\})$	832
40	$\mathcal{O}(0; \{2^3, 4, 8^2, 10, 20\})$	64
40	$\mathcal{O}(0; \{4^3, 8^2, 10, 20\})$	256
40	$\mathcal{O}(0; \{2, 8^4, 10, 20\})$	512

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{2, 5, 8^2, 10, 20^2\})$	832
40	$\mathcal{O}(0; \{2, 4, 8^2, 20^3\})$	768
40	$\mathcal{O}(0; \{5^5, 8, 40\})$	3280
40	$\mathcal{O}(0; \{2^3, 5^2, 8, 10, 40\})$	208
40	$\mathcal{O}(0; \{4^2, 5^2, 8, 10, 40\})$	832
40	$\mathcal{O}(0; \{2, 5, 8, 10^3, 40\})$	816
40	$\mathcal{O}(0; \{2^3, 4, 5, 8, 20, 40\})$	192
40	$\mathcal{O}(0; \{4^3, 5, 8, 20, 40\})$	768
40	$\mathcal{O}(0; \{2, 5, 8^3, 20, 40\})$	1536
40	$\mathcal{O}(0; \{2, 4, 8, 10^2, 20, 40\})$	832
40	$\mathcal{O}(0; \{2, 5^2, 8, 20^2, 40\})$	3264
40	$\mathcal{O}(0; \{2^3, 5^3, 40^2\})$	816
40	$\mathcal{O}(0; \{4^2, 5^3, 40^2\})$	3264
40	$\mathcal{O}(0; \{2^6, 10, 40^2\})$	48
40	$\mathcal{O}(0; \{2^3, 4^2, 10, 40^2\})$	192
40	$\mathcal{O}(0; \{4^4, 10, 40^2\})$	768
40	$\mathcal{O}(0; \{2, 4, 8^2, 10, 40^2\})$	1536
40	$\mathcal{O}(0; \{2, 5^2, 10^2, 40^2\})$	3280
40	$\mathcal{O}(0; \{2, 4, 5, 10, 20, 40^2\})$	3264
40	$\mathcal{O}(0; \{2^4, 20^2, 40^2\})$	832
40	$\mathcal{O}(0; \{2, 4^2, 20^2, 40^2\})$	3328
40	$\mathcal{O}(0; \{2, 4, 5, 8, 40^3\})$	6656
40	$\mathcal{O}(0; \{2^2, 20, 40^4\})$	26112
40	$\mathcal{O}(0; \{40^6\})$	839680
42	$\mathcal{O}(2; \{6^2\})$	6220800
42	$\mathcal{O}(1; \{2^2, 3^4\})$	10368
42	$\mathcal{O}(1; \{2^3, 3^2, 6\})$	3456
42	$\mathcal{O}(1; \{2^4, 6^2\})$	3456
42	$\mathcal{O}(1; \{3^3, 6^2\})$	17280
42	$\mathcal{O}(1; \{2, 3, 6^3\})$	10368
42	$\mathcal{O}(1; \{6, 14, 21^2\})$	105840
42	$\mathcal{O}(1; \{2, 3^2, 7, 42\})$	21168
42	$\mathcal{O}(1; \{2^2, 6, 7, 42\})$	21168
42	$\mathcal{O}(1; \{6, 14^2, 42\})$	105840
42	$\mathcal{O}(1; \{7^2, 42^2\})$	656208
42	$\mathcal{O}(0; \{3^2, 6, 7^3, 14\})$	372
42	$\mathcal{O}(0; \{2, 6^2, 7^3, 14\})$	372
42	$\mathcal{O}(0; \{2^2, 3^3, 7^2, 21\})$	180
42	$\mathcal{O}(0; \{2^3, 3, 6, 7^2, 21\})$	60
42	$\mathcal{O}(0; \{3^2, 6^2, 7^2, 21\})$	300
42	$\mathcal{O}(0; \{2, 6^3, 7^2, 21\})$	180
42	$\mathcal{O}(0; \{3^3, 7, 14^2, 21\})$	1116
42	$\mathcal{O}(0; \{2, 3, 6, 7, 14^2, 21\})$	372

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{2^3, 3^2, 14, 21^2\})$	180
42	$\mathcal{O}(0; \{2^4, 6, 14, 21^2\})$	60
42	$\mathcal{O}(0; \{3^3, 6, 14, 21^2\})$	660
42	$\mathcal{O}(0; \{2, 3, 6^2, 14, 21^2\})$	300
42	$\mathcal{O}(0; \{2^2, 7, 21^4\})$	6660
42	$\mathcal{O}(0; \{14^2, 21^4\})$	39996
42	$\mathcal{O}(0; \{2^5, 3^2, 7, 42\})$	12
42	$\mathcal{O}(0; \{2, 3^5, 7, 42\})$	132
42	$\mathcal{O}(0; \{2^6, 6, 7, 42\})$	12
42	$\mathcal{O}(0; \{2^2, 3^3, 6, 7, 42\})$	60
42	$\mathcal{O}(0; \{2^3, 3, 6^2, 7, 42\})$	36
42	$\mathcal{O}(0; \{3^2, 6^3, 7, 42\})$	132
42	$\mathcal{O}(0; \{2, 6^4, 7, 42\})$	60
42	$\mathcal{O}(0; \{2^3, 3^2, 14^2, 42\})$	60
42	$\mathcal{O}(0; \{2^4, 6, 14^2, 42\})$	60
42	$\mathcal{O}(0; \{3^3, 6, 14^2, 42\})$	300
42	$\mathcal{O}(0; \{2, 3, 6^2, 14^2, 42\})$	180
42	$\mathcal{O}(0; \{2, 3, 7^3, 21, 42\})$	2220
42	$\mathcal{O}(0; \{2^2, 7, 14, 21^2, 42\})$	2220
42	$\mathcal{O}(0; \{14^3, 21^2, 42\})$	13332
42	$\mathcal{O}(0; \{2, 3^2, 21^3, 42\})$	4092
42	$\mathcal{O}(0; \{2^2, 6, 21^3, 42\})$	1860
42	$\mathcal{O}(0; \{2^4, 7^2, 42^2\})$	372
42	$\mathcal{O}(0; \{3^3, 7^2, 42^2\})$	1860
42	$\mathcal{O}(0; \{2, 3, 6, 7^2, 42^2\})$	1116
42	$\mathcal{O}(0; \{2^2, 7, 14^2, 42^2\})$	2220
42	$\mathcal{O}(0; \{14^4, 42^2\})$	13332
42	$\mathcal{O}(0; \{2, 3^2, 14, 21, 42^2\})$	1860
42	$\mathcal{O}(0; \{2^2, 6, 14, 21, 42^2\})$	1116
42	$\mathcal{O}(0; \{7, 21^3, 42^2\})$	66660
42	$\mathcal{O}(0; \{7, 14, 21, 42^3\})$	39996
42	$\mathcal{O}(0; \{6, 21^2, 42^3\})$	24420
42	$\mathcal{O}(0; \{6, 14, 42^4\})$	11100
44	$\mathcal{O}(2; \{4^2\})$	7495680
44	$\mathcal{O}(1; \{2^4, 4^2\})$	3840
44	$\mathcal{O}(1; \{2, 4^4\})$	15360
44	$\mathcal{O}(0; \{2^2, 4, 11^2, 22, 44\})$	1820
44	$\mathcal{O}(0; \{4, 11, 22^3, 44\})$	18180
44	$\mathcal{O}(0; \{4, 11^2, 44^3\})$	72720
45	$\mathcal{O}(1; \{3, 5, 45^2\})$	291600
45	$\mathcal{O}(0; \{9^4, 15^2\})$	2592
45	$\mathcal{O}(0; \{5, 9^2, 15^2, 45\})$	3744
45	$\mathcal{O}(0; \{3^4, 5, 45^2\})$	1152

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
45	$\mathcal{O}(0; \{5, 9^3, 45^2\})$	9720
45	$\mathcal{O}(0; \{5^2, 15^2, 45^2\})$	19680
45	$\mathcal{O}(0; \{3, 15^3, 45^2\})$	19584
45	$\mathcal{O}(0; \{5^2, 9, 45^3\})$	33048
45	$\mathcal{O}(0; \{3, 9, 15, 45^3\})$	33696
46	$\mathcal{O}(0; \{2^3, 23^3, 46\})$	10186
46	$\mathcal{O}(0; \{2, 23^2, 46^3\})$	224070
48	$\mathcal{O}(1; \{3^2, 16^2\})$	36864
48	$\mathcal{O}(1; \{2, 4, 48^2\})$	73728
48	$\mathcal{O}(0; \{2^4, 3^2, 16^2\})$	16
48	$\mathcal{O}(0; \{3^5, 16^2\})$	80
48	$\mathcal{O}(0; \{2, 3^2, 4^2, 16^2\})$	64
48	$\mathcal{O}(0; \{2, 3^3, 6, 16^2\})$	48
48	$\mathcal{O}(0; \{2^2, 3, 6^2, 16^2\})$	16
48	$\mathcal{O}(0; \{6^4, 16^2\})$	48
48	$\mathcal{O}(0; \{2^2, 3, 4, 12, 16^2\})$	64
48	$\mathcal{O}(0; \{4, 6^2, 12, 16^2\})$	64
48	$\mathcal{O}(0; \{3, 8^2, 12, 16^2\})$	512
48	$\mathcal{O}(0; \{2^3, 12^2, 16^2\})$	64
48	$\mathcal{O}(0; \{4^2, 12^2, 16^2\})$	256
48	$\mathcal{O}(0; \{3, 6, 12^2, 16^2\})$	192
48	$\mathcal{O}(0; \{3, 6, 8, 16^2, 24\})$	256
48	$\mathcal{O}(0; \{3, 4, 16^2, 24^2\})$	512
48	$\mathcal{O}(0; \{2, 12, 16^2, 24^2\})$	512
48	$\mathcal{O}(0; \{2^2, 3, 4, 8, 16, 48\})$	128
48	$\mathcal{O}(0; \{4, 6^2, 8, 16, 48\})$	128
48	$\mathcal{O}(0; \{3, 8^3, 16, 48\})$	1024
48	$\mathcal{O}(0; \{2^3, 8, 12, 16, 48\})$	128
48	$\mathcal{O}(0; \{4^2, 8, 12, 16, 48\})$	512
48	$\mathcal{O}(0; \{3, 6, 8, 12, 16, 48\})$	384
48	$\mathcal{O}(0; \{3, 4, 16^3, 48\})$	2048
48	$\mathcal{O}(0; \{2, 12, 16^3, 48\})$	2048
48	$\mathcal{O}(0; \{2^2, 3^2, 16, 24, 48\})$	192
48	$\mathcal{O}(0; \{2^3, 6, 16, 24, 48\})$	64
48	$\mathcal{O}(0; \{4^2, 6, 16, 24, 48\})$	256
48	$\mathcal{O}(0; \{3, 6^2, 16, 24, 48\})$	320
48	$\mathcal{O}(0; \{3, 4, 12, 16, 24, 48\})$	768
48	$\mathcal{O}(0; \{2, 12^2, 16, 24, 48\})$	768
48	$\mathcal{O}(0; \{2, 8, 16, 24^2, 48\})$	1024
48	$\mathcal{O}(0; \{2^5, 4, 48^2\})$	32
48	$\mathcal{O}(0; \{2, 3^3, 4, 48^2\})$	160
48	$\mathcal{O}(0; \{2^2, 4^3, 48^2\})$	128
48	$\mathcal{O}(0; \{2^2, 3, 4, 6, 48^2\})$	96

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{4, 6^3, 48^2\})$	160
48	$\mathcal{O}(0; \{2^3, 8^2, 48^2\})$	256
48	$\mathcal{O}(0; \{4^2, 8^2, 48^2\})$	1024
48	$\mathcal{O}(0; \{3, 6, 8^2, 48^2\})$	768
48	$\mathcal{O}(0; \{2^2, 3^2, 12, 48^2\})$	160
48	$\mathcal{O}(0; \{2^3, 6, 12, 48^2\})$	96
48	$\mathcal{O}(0; \{4^2, 6, 12, 48^2\})$	384
48	$\mathcal{O}(0; \{3, 6^2, 12, 48^2\})$	352
48	$\mathcal{O}(0; \{3, 4, 12^2, 48^2\})$	640
48	$\mathcal{O}(0; \{2, 12^3, 48^2\})$	640
48	$\mathcal{O}(0; \{2, 8, 16^2, 48^2\})$	4096
48	$\mathcal{O}(0; \{3, 4, 8, 24, 48^2\})$	1536
48	$\mathcal{O}(0; \{2, 8, 12, 24, 48^2\})$	1536
48	$\mathcal{O}(0; \{3^2, 24^2, 48^2\})$	2816
48	$\mathcal{O}(0; \{2, 6, 24^2, 48^2\})$	1280
48	$\mathcal{O}(0; \{3^2, 16, 48^3\})$	5120
48	$\mathcal{O}(0; \{2, 6, 16, 48^3\})$	3072
50	$\mathcal{O}(0; \{2, 5, 10, 25^3\})$	4800
52	$\mathcal{O}(1; \{2^2, 52^2\})$	64896
52	$\mathcal{O}(0; \{2^6, 52^2\})$	24
52	$\mathcal{O}(0; \{2^3, 4^2, 52^2\})$	96
52	$\mathcal{O}(0; \{4^4, 52^2\})$	384
53	$\mathcal{O}(0; \{53^5\})$	7173660
54	$\mathcal{O}(1; \{9, 54^2\})$	314928
54	$\mathcal{O}(0; \{2^2, 27^4\})$	4374
54	$\mathcal{O}(0; \{2^2, 18, 27^2, 54\})$	972
54	$\mathcal{O}(0; \{2^4, 9, 54^2\})$	108
54	$\mathcal{O}(0; \{3^3, 9, 54^2\})$	864
54	$\mathcal{O}(0; \{2, 3, 6, 9, 54^2\})$	432
54	$\mathcal{O}(0; \{2^2, 18^2, 54^2\})$	648
54	$\mathcal{O}(0; \{27^3, 54^2\})$	65610
54	$\mathcal{O}(0; \{18, 27, 54^3\})$	26244
56	$\mathcal{O}(1; \{2^2, 8^2\})$	12288
56	$\mathcal{O}(0; \{2^2, 8, 14, 28, 56\})$	240
56	$\mathcal{O}(0; \{8, 28^3, 56\})$	5952
56	$\mathcal{O}(0; \{2^2, 7, 14, 56^2\})$	744
56	$\mathcal{O}(0; \{14^3, 56^2\})$	4440
56	$\mathcal{O}(0; \{7, 28^2, 56^2\})$	17760
56	$\mathcal{O}(0; \{8, 14, 56^3\})$	11904
60	$\mathcal{O}(0; \{3^2, 4^2, 5, 15\})$	16
60	$\mathcal{O}(0; \{2, 4^2, 5, 6, 15\})$	16
60	$\mathcal{O}(0; \{2, 3, 4, 5, 12, 15\})$	16
60	$\mathcal{O}(0; \{2^2, 5, 12^2, 15\})$	16

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{10^2, 12^2, 15\})$	48
60	$\mathcal{O}(0; \{2^2, 4, 15^2, 20\})$	48
60	$\mathcal{O}(0; \{6, 12, 15^2, 20\})$	144
60	$\mathcal{O}(0; \{3^4, 20^2\})$	48
60	$\mathcal{O}(0; \{2, 3^2, 6, 20^2\})$	16
60	$\mathcal{O}(0; \{2^2, 6^2, 20^2\})$	16
60	$\mathcal{O}(0; \{6, 12^2, 20^2\})$	64
60	$\mathcal{O}(0; \{6, 10, 15, 20^2\})$	208
60	$\mathcal{O}(0; \{5, 15^2, 20^2\})$	816
60	$\mathcal{O}(0; \{2, 3, 4^2, 15, 30\})$	16
60	$\mathcal{O}(0; \{2^2, 4, 12, 15, 30\})$	16
60	$\mathcal{O}(0; \{6, 12^2, 15, 30\})$	80
60	$\mathcal{O}(0; \{6, 10, 12, 20, 30\})$	48
60	$\mathcal{O}(0; \{5, 12, 15, 20, 30\})$	208
60	$\mathcal{O}(0; \{5, 12^2, 30^2\})$	144
60	$\mathcal{O}(0; \{4, 15, 20, 30^2\})$	208
60	$\mathcal{O}(0; \{4, 12, 30^3\})$	144
60	$\mathcal{O}(0; \{2^2, 4, 10, 15, 60\})$	48
60	$\mathcal{O}(0; \{6, 10, 12, 15, 60\})$	144
60	$\mathcal{O}(0; \{5, 12, 15^2, 60\})$	624
60	$\mathcal{O}(0; \{2, 3^2, 5, 20, 60\})$	48
60	$\mathcal{O}(0; \{2^2, 5, 6, 20, 60\})$	48
60	$\mathcal{O}(0; \{6, 10^2, 20, 60\})$	208
60	$\mathcal{O}(0; \{5, 12^2, 20, 60\})$	192
60	$\mathcal{O}(0; \{5, 10, 15, 20, 60\})$	816
60	$\mathcal{O}(0; \{4, 15, 20^2, 60\})$	832
60	$\mathcal{O}(0; \{5, 10, 12, 30, 60\})$	208
60	$\mathcal{O}(0; \{4, 15^2, 30, 60\})$	624
60	$\mathcal{O}(0; \{2^2, 3, 20, 30, 60\})$	48
60	$\mathcal{O}(0; \{6^2, 20, 30, 60\})$	144
60	$\mathcal{O}(0; \{4, 12, 20, 30, 60\})$	192
60	$\mathcal{O}(0; \{4, 10, 30^2, 60\})$	208
60	$\mathcal{O}(0; \{2^2, 5^2, 60^2\})$	208
60	$\mathcal{O}(0; \{5, 10^2, 60^2\})$	816
60	$\mathcal{O}(0; \{2^2, 3, 15, 60^2\})$	144
60	$\mathcal{O}(0; \{6^2, 15, 60^2\})$	240
60	$\mathcal{O}(0; \{4, 12, 15, 60^2\})$	576
60	$\mathcal{O}(0; \{4, 10, 20, 60^2\})$	832
60	$\mathcal{O}(0; \{5, 6, 30, 60^2\})$	624
60	$\mathcal{O}(0; \{3, 30^2, 60^2\})$	1040
60	$\mathcal{O}(0; \{3, 20, 60^3\})$	2496
63	$\mathcal{O}(1; \{3, 9^2\})$	46656
63	$\mathcal{O}(0; \{7^2, 9^2, 21\})$	360

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
63	$\mathcal{O}(0; \{7^3, 9, 63\})$	1116
63	$\mathcal{O}(0; \{3, 9, 21^2, 63\})$	1440
63	$\mathcal{O}(0; \{3, 7, 21, 63^2\})$	4464
64	$\mathcal{O}(0; \{2^3, 16, 64^2\})$	256
64	$\mathcal{O}(0; \{4^2, 16, 64^2\})$	1024
64	$\mathcal{O}(0; \{2, 32^2, 64^2\})$	8192
65	$\mathcal{O}(0; \{5^2, 13^3\})$	528
65	$\mathcal{O}(0; \{5^3, 65^2\})$	2448
66	$\mathcal{O}(1; \{2^2, 3^2\})$	8640
66	$\mathcal{O}(1; \{3, 6^2\})$	8640
66	$\mathcal{O}(0; \{3, 6, 11, 22, 33\})$	180
66	$\mathcal{O}(0; \{2, 11, 33^2, 66\})$	1820
66	$\mathcal{O}(0; \{2, 11, 22, 66^2\})$	1820
69	$\mathcal{O}(0; \{3^2, 23^2, 69\})$	924
70	$\mathcal{O}(1; \{2, 5, 10\})$	19200
70	$\mathcal{O}(0; \{2^3, 5, 14, 35\})$	24
70	$\mathcal{O}(0; \{2, 10^2, 14, 35\})$	72
70	$\mathcal{O}(0; \{2, 7, 10, 35^2\})$	360
70	$\mathcal{O}(0; \{2, 5, 14, 70^2\})$	360
72	$\mathcal{O}(0; \{2, 8^2, 18^2\})$	24
72	$\mathcal{O}(0; \{2, 8, 9^2, 72\})$	72
72	$\mathcal{O}(0; \{3^2, 8, 18, 72\})$	96
72	$\mathcal{O}(0; \{2, 6, 8, 18, 72\})$	48
72	$\mathcal{O}(0; \{2, 4, 18, 24, 72\})$	96
72	$\mathcal{O}(0; \{2^3, 3, 72^2\})$	48
72	$\mathcal{O}(0; \{3, 4^2, 72^2\})$	192
72	$\mathcal{O}(0; \{3^2, 6, 72^2\})$	192
72	$\mathcal{O}(0; \{2, 6^2, 72^2\})$	96
72	$\mathcal{O}(0; \{2, 4, 12, 72^2\})$	192
75	$\mathcal{O}(0; \{3^2, 5, 25^2\})$	160
77	$\mathcal{O}(2; \emptyset)$	35136000
78	$\mathcal{O}(1; \{78^2\})$	146016
78	$\mathcal{O}(0; \{2^4, 78^2\})$	24
78	$\mathcal{O}(0; \{3^3, 78^2\})$	120
78	$\mathcal{O}(0; \{2, 3, 6, 78^2\})$	72
79	$\mathcal{O}(0; \{79^4\})$	468546
80	$\mathcal{O}(0; \{2^2, 20, 80^2\})$	192
80	$\mathcal{O}(0; \{40^2, 80^2\})$	6656
81	$\mathcal{O}(0; \{27^2, 81^2\})$	17496
84	$\mathcal{O}(1; \{12^2\})$	27648
84	$\mathcal{O}(0; \{2, 3, 4, 21, 28\})$	24
84	$\mathcal{O}(0; \{2^2, 12, 21, 28\})$	24
84	$\mathcal{O}(0; \{21^2, 28^2\})$	744

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
84	$\mathcal{O}(0; \{12, 28, 42^2\})$	120
84	$\mathcal{O}(0; \{2, 3, 4, 14, 84\})$	24
84	$\mathcal{O}(0; \{2^2, 12, 14, 84\})$	24
84	$\mathcal{O}(0; \{14, 21, 28, 84\})$	744
84	$\mathcal{O}(0; \{12, 28^2, 84\})$	480
84	$\mathcal{O}(0; \{12, 21, 42, 84\})$	360
84	$\mathcal{O}(0; \{2^2, 7, 84^2\})$	120
84	$\mathcal{O}(0; \{14^2, 84^2\})$	744
88	$\mathcal{O}(1; \{8^2\})$	30720
88	$\mathcal{O}(0; \{8, 11, 44, 88\})$	720
90	$\mathcal{O}(0; \{9^2, 30^2\})$	96
90	$\mathcal{O}(0; \{9, 10, 18, 45\})$	72
90	$\mathcal{O}(0; \{9, 10, 15, 90\})$	144
90	$\mathcal{O}(0; \{5, 18, 45, 90\})$	216
90	$\mathcal{O}(0; \{6, 10, 90^2\})$	144
90	$\mathcal{O}(0; \{5, 15, 90^2\})$	624
91	$\mathcal{O}(0; \{7, 13^2, 91\})$	792
91	$\mathcal{O}(0; \{7^2, 91^2\})$	2232
92	$\mathcal{O}(0; \{4, 23, 46, 92\})$	924
96	$\mathcal{O}(0; \{6^2, 32^2\})$	32
96	$\mathcal{O}(0; \{3, 32, 48, 96\})$	256
96	$\mathcal{O}(0; \{4, 8, 96^2\})$	256
96	$\mathcal{O}(0; \{3, 24, 96^2\})$	384
99	$\mathcal{O}(0; \{3, 11, 99^2\})$	1080
104	$\mathcal{O}(0; \{2^3, 104^2\})$	48
104	$\mathcal{O}(0; \{4^2, 104^2\})$	192
106	$\mathcal{O}(0; \{2, 53^2, 106\})$	2652
108	$\mathcal{O}(0; \{4^2, 27^2\})$	36
108	$\mathcal{O}(0; \{2, 27, 36, 108\})$	216
108	$\mathcal{O}(0; \{2, 18, 108^2\})$	216
117	$\mathcal{O}(0; \{3^2, 117^2\})$	288
120	$\mathcal{O}(0; \{3^2, 40^2\})$	32
120	$\mathcal{O}(0; \{2, 5, 120^2\})$	96
138	$\mathcal{O}(0; \{2, 3, 23, 138\})$	44
154	$\mathcal{O}(1; \{2^2\})$	23040
156	$\mathcal{O}(0; \{2^2, 156^2\})$	48
157	$\mathcal{O}(0; \{157^3\})$	24180
158	$\mathcal{O}(0; \{2^2, 79^2\})$	78
158	$\mathcal{O}(0; \{79, 158^2\})$	6006
159	$\mathcal{O}(0; \{53, 159^2\})$	5304
160	$\mathcal{O}(0; \{40, 160^2\})$	768
162	$\mathcal{O}(0; \{27, 162^2\})$	972
168	$\mathcal{O}(0; \{24, 42, 56\})$	48

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
168	$\mathcal{O}(0; \{24, 28, 168\})$	96
168	$\mathcal{O}(0; \{14, 168^2\})$	240
169	$\mathcal{O}(0; \{13, 169^2\})$	1872
182	$\mathcal{O}(0; \{13, 14, 182\})$	72
182	$\mathcal{O}(0; \{7, 182^2\})$	360
189	$\mathcal{O}(0; \{7, 27, 189\})$	108
195	$\mathcal{O}(0; \{5, 195^2\})$	288
208	$\mathcal{O}(0; \{4, 208^2\})$	192
212	$\mathcal{O}(0; \{4, 53, 212\})$	104
234	$\mathcal{O}(0; \{3, 234^2\})$	144
237	$\mathcal{O}(0; \{3, 79, 237\})$	156
312	$\mathcal{O}(0; \{2, 312^2\})$	96
314	$\mathcal{O}(0; \{2, 157, 314\})$	156

Table 9: 79-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(79; \emptyset)$	1
2	$\mathcal{O}(40; \emptyset)$	1208925819614629174706175
2	$\mathcal{O}(39; \{2^4\})$	302231454903657293676544
2	$\mathcal{O}(38; \{2^8\})$	75557863725914323419136
2	$\mathcal{O}(37; \{2^{12}\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^{16}\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{20}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{24}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{28}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{32}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{36}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{40}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{44}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{48}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{52}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{56}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{60}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{64}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{68}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{72}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{76}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{80}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{84}\})$	274877906944

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(18; \{2^{88}\})$	68719476736
2	$\mathcal{O}(17; \{2^{92}\})$	17179869184
2	$\mathcal{O}(16; \{2^{96}\})$	4294967296
2	$\mathcal{O}(15; \{2^{100}\})$	1073741824
2	$\mathcal{O}(14; \{2^{104}\})$	268435456
2	$\mathcal{O}(13; \{2^{108}\})$	67108864
2	$\mathcal{O}(12; \{2^{112}\})$	16777216
2	$\mathcal{O}(11; \{2^{116}\})$	4194304
2	$\mathcal{O}(10; \{2^{120}\})$	1048576
2	$\mathcal{O}(9; \{2^{124}\})$	262144
2	$\mathcal{O}(8; \{2^{128}\})$	65536
2	$\mathcal{O}(7; \{2^{132}\})$	16384
2	$\mathcal{O}(6; \{2^{136}\})$	4096
2	$\mathcal{O}(5; \{2^{140}\})$	1024
2	$\mathcal{O}(4; \{2^{144}\})$	256
2	$\mathcal{O}(3; \{2^{148}\})$	64
2	$\mathcal{O}(2; \{2^{152}\})$	16
2	$\mathcal{O}(1; \{2^{156}\})$	4
2	$\mathcal{O}(0; \{2^{160}\})$	1
3	$\mathcal{O}(27; \emptyset)$	58149737003040059690390168
3	$\mathcal{O}(26; \{3^3\})$	12922163778453346597864482
3	$\mathcal{O}(25; \{3^6\})$	15793755729220756952945478
3	$\mathcal{O}(24; \{3^9\})$	13560295323068326676771370
3	$\mathcal{O}(23; \{3^{12}\})$	12106773471445316497039014
3	$\mathcal{O}(22; \{3^{15}\})$	10755667793649401885526282
3	$\mathcal{O}(21; \{3^{18}\})$	9561250108289812972400838
3	$\mathcal{O}(20; \{3^{21}\})$	8498816039153746078339050
3	$\mathcal{O}(19; \{3^{24}\})$	7554511251024746996476134
3	$\mathcal{O}(18; \{3^{27}\})$	6715120211454185548206282
3	$\mathcal{O}(17; \{3^{30}\})$	5968995843577921796404998
3	$\mathcal{O}(16; \{3^{33}\})$	5305774072062253797026730
3	$\mathcal{O}(15; \{3^{36}\})$	4716243620846239056591654
3	$\mathcal{O}(14; \{3^{39}\})$	4192216551726062851129482
3	$\mathcal{O}(13; \{3^{42}\})$	3726414712660640395973958
3	$\mathcal{O}(12; \{3^{45}\})$	3312368633474430219202410
3	$\mathcal{O}(11; \{3^{48}\})$	2944327674199681814537574
3	$\mathcal{O}(10; \{3^{51}\})$	2617180154844140692215882
3	$\mathcal{O}(9; \{3^{54}\})$	2326382359861460717603718
3	$\mathcal{O}(8; \{3^{57}\})$	2067895430987964824034090
3	$\mathcal{O}(7; \{3^{60}\})$	1838129271989302094505894
3	$\mathcal{O}(6; \{3^{63}\})$	1633892686212712969705482
3	$\mathcal{O}(5; \{3^{66}\})$	1452349054411300417870278
3	$\mathcal{O}(4; \{3^{69}\})$	1290976937254489260289770

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(3; \{3^{72}\})$	1147535055337323786928614
3	$\mathcal{O}(2; \{3^{75}\})$	1020031160299843366158282
3	$\mathcal{O}(1; \{3^{78}\})$	906694364710971881029638
3	$\mathcal{O}(0; \{3^{81}\})$	805950546409752783137450
4	$\mathcal{O}(20; \{2^2\})$	1208925819613529663078400
4	$\mathcal{O}(19; \{2^6\})$	75557863725639445512192
4	$\mathcal{O}(19; \{2^3, 4^2\})$	151115727451828646838272
4	$\mathcal{O}(19; \{4^4\})$	604462909807314587353088
4	$\mathcal{O}(18; \{2^{10}\})$	4722366482800925736960
4	$\mathcal{O}(18; \{2^7, 4^2\})$	9444732965739290427392
4	$\mathcal{O}(18; \{2^4, 4^4\})$	37778931862957161709568
4	$\mathcal{O}(18; \{2, 4^6\})$	151115727451828646838272
4	$\mathcal{O}(17; \{2^{14}\})$	295147905162172956672
4	$\mathcal{O}(17; \{2^{11}, 4^2\})$	590295810358705651712
4	$\mathcal{O}(17; \{2^8, 4^4\})$	2361183241434822606848
4	$\mathcal{O}(17; \{2^5, 4^6\})$	9444732965739290427392
4	$\mathcal{O}(17; \{2^2, 4^8\})$	37778931862957161709568
4	$\mathcal{O}(16; \{2^{18}\})$	18446744069414584320
4	$\mathcal{O}(16; \{2^{15}, 4^2\})$	36893488147419103232
4	$\mathcal{O}(16; \{2^{12}, 4^4\})$	147573952589676412928
4	$\mathcal{O}(16; \{2^9, 4^6\})$	590295810358705651712
4	$\mathcal{O}(16; \{2^6, 4^8\})$	2361183241434822606848
4	$\mathcal{O}(16; \{2^3, 4^{10}\})$	9444732965739290427392
4	$\mathcal{O}(16; \{4^{12}\})$	37778931862957161709568
4	$\mathcal{O}(15; \{2^{22}\})$	1152921503533105152
4	$\mathcal{O}(15; \{2^{19}, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2^{16}, 4^4\})$	9223372036854775808
4	$\mathcal{O}(15; \{2^{13}, 4^6\})$	36893488147419103232
4	$\mathcal{O}(15; \{2^{10}, 4^8\})$	147573952589676412928
4	$\mathcal{O}(15; \{2^7, 4^{10}\})$	590295810358705651712
4	$\mathcal{O}(15; \{2^4, 4^{12}\})$	2361183241434822606848
4	$\mathcal{O}(15; \{2, 4^{14}\})$	9444732965739290427392
4	$\mathcal{O}(14; \{2^{26}\})$	72057593769492480
4	$\mathcal{O}(14; \{2^{23}, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^{20}, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^{17}, 4^6\})$	2305843009213693952
4	$\mathcal{O}(14; \{2^{14}, 4^8\})$	9223372036854775808
4	$\mathcal{O}(14; \{2^{11}, 4^{10}\})$	36893488147419103232
4	$\mathcal{O}(14; \{2^8, 4^{12}\})$	147573952589676412928
4	$\mathcal{O}(14; \{2^5, 4^{14}\})$	590295810358705651712
4	$\mathcal{O}(14; \{2^2, 4^{16}\})$	2361183241434822606848
4	$\mathcal{O}(13; \{2^{30}\})$	4503599560261632
4	$\mathcal{O}(13; \{2^{27}, 4^2\})$	9007199254740992

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(13; \{2^{24}, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^{21}, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^{18}, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{2^{15}, 4^{10}\})$	2305843009213693952
4	$\mathcal{O}(13; \{2^{12}, 4^{12}\})$	9223372036854775808
4	$\mathcal{O}(13; \{2^9, 4^{14}\})$	36893488147419103232
4	$\mathcal{O}(13; \{2^6, 4^{16}\})$	147573952589676412928
4	$\mathcal{O}(13; \{2^3, 4^{18}\})$	590295810358705651712
4	$\mathcal{O}(13; \{4^{20}\})$	2361183241434822606848
4	$\mathcal{O}(12; \{2^{34}\})$	281474959933440
4	$\mathcal{O}(12; \{2^{31}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{28}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{25}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^{22}, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^{19}, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2^{16}, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(12; \{2^{13}, 4^{14}\})$	2305843009213693952
4	$\mathcal{O}(12; \{2^{10}, 4^{16}\})$	9223372036854775808
4	$\mathcal{O}(12; \{2^7, 4^{18}\})$	36893488147419103232
4	$\mathcal{O}(12; \{2^4, 4^{20}\})$	147573952589676412928
4	$\mathcal{O}(12; \{2, 4^{22}\})$	590295810358705651712
4	$\mathcal{O}(11; \{2^{38}\})$	17592181850112
4	$\mathcal{O}(11; \{2^{35}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{32}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{29}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{26}, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^{23}, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^{20}, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(11; \{2^{17}, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(11; \{2^{14}, 4^{16}\})$	576460752303423488
4	$\mathcal{O}(11; \{2^{11}, 4^{18}\})$	2305843009213693952
4	$\mathcal{O}(11; \{2^8, 4^{20}\})$	9223372036854775808
4	$\mathcal{O}(11; \{2^5, 4^{22}\})$	36893488147419103232
4	$\mathcal{O}(11; \{2^2, 4^{24}\})$	147573952589676412928
4	$\mathcal{O}(10; \{2^{42}\})$	1099510579200
4	$\mathcal{O}(10; \{2^{39}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{36}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{33}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{30}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^{27}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^{24}, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^{21}, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^{18}, 4^{16}\})$	36028797018963968

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(10; \{2^{15}, 4^{18}\})$	144115188075855872
4	$\mathcal{O}(10; \{2^{12}, 4^{20}\})$	576460752303423488
4	$\mathcal{O}(10; \{2^9, 4^{22}\})$	2305843009213693952
4	$\mathcal{O}(10; \{2^6, 4^{24}\})$	9223372036854775808
4	$\mathcal{O}(10; \{2^3, 4^{26}\})$	36893488147419103232
4	$\mathcal{O}(10; \{4^{28}\})$	147573952589676412928
4	$\mathcal{O}(9; \{2^{46}\})$	68719214592
4	$\mathcal{O}(9; \{2^{43}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{40}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{37}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{34}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{31}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{28}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^{25}, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^{22}, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^{19}, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(9; \{2^{16}, 4^{20}\})$	36028797018963968
4	$\mathcal{O}(9; \{2^{13}, 4^{22}\})$	144115188075855872
4	$\mathcal{O}(9; \{2^{10}, 4^{24}\})$	576460752303423488
4	$\mathcal{O}(9; \{2^7, 4^{26}\})$	2305843009213693952
4	$\mathcal{O}(9; \{2^4, 4^{28}\})$	9223372036854775808
4	$\mathcal{O}(9; \{2, 4^{30}\})$	36893488147419103232
4	$\mathcal{O}(8; \{2^{50}\})$	4294901760
4	$\mathcal{O}(8; \{2^{47}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{44}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{41}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{38}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{35}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{32}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{29}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^{26}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^{23}, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^{20}, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^{17}, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(8; \{2^{14}, 4^{24}\})$	36028797018963968
4	$\mathcal{O}(8; \{2^{11}, 4^{26}\})$	144115188075855872
4	$\mathcal{O}(8; \{2^8, 4^{28}\})$	576460752303423488
4	$\mathcal{O}(8; \{2^5, 4^{30}\})$	2305843009213693952
4	$\mathcal{O}(8; \{2^2, 4^{32}\})$	9223372036854775808
4	$\mathcal{O}(7; \{2^{54}\})$	268419072
4	$\mathcal{O}(7; \{2^{51}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{48}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{45}, 4^6\})$	8589934592

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(7; \{2^{42}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{39}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{36}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{33}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{30}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{27}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^{24}, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^{21}, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^{18}, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(7; \{2^{15}, 4^{26}\})$	9007199254740992
4	$\mathcal{O}(7; \{2^{12}, 4^{28}\})$	36028797018963968
4	$\mathcal{O}(7; \{2^9, 4^{30}\})$	144115188075855872
4	$\mathcal{O}(7; \{2^6, 4^{32}\})$	576460752303423488
4	$\mathcal{O}(7; \{2^3, 4^{34}\})$	2305843009213693952
4	$\mathcal{O}(7; \{4^{36}\})$	9223372036854775808
4	$\mathcal{O}(6; \{2^{58}\})$	16773120
4	$\mathcal{O}(6; \{2^{55}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{52}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{49}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{46}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{43}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{40}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{37}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{34}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{31}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{28}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{25}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^{22}, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^{19}, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2^{16}, 4^{28}\})$	2251799813685248
4	$\mathcal{O}(6; \{2^{13}, 4^{30}\})$	9007199254740992
4	$\mathcal{O}(6; \{2^{10}, 4^{32}\})$	36028797018963968
4	$\mathcal{O}(6; \{2^7, 4^{34}\})$	144115188075855872
4	$\mathcal{O}(6; \{2^4, 4^{36}\})$	576460752303423488
4	$\mathcal{O}(6; \{2, 4^{38}\})$	2305843009213693952
4	$\mathcal{O}(5; \{2^{62}\})$	1047552
4	$\mathcal{O}(5; \{2^{59}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{56}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{53}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{50}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{47}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{44}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{41}, 4^{14}\})$	8589934592

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(5; \{2^{38}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{35}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{32}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{29}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{26}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^{23}, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^{20}, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2^{17}, 4^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{2^{14}, 4^{32}\})$	2251799813685248
4	$\mathcal{O}(5; \{2^{11}, 4^{34}\})$	9007199254740992
4	$\mathcal{O}(5; \{2^8, 4^{36}\})$	36028797018963968
4	$\mathcal{O}(5; \{2^5, 4^{38}\})$	144115188075855872
4	$\mathcal{O}(5; \{2^2, 4^{40}\})$	576460752303423488
4	$\mathcal{O}(4; \{2^{66}\})$	65280
4	$\mathcal{O}(4; \{2^{63}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{60}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{57}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{54}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{51}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{48}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{45}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{42}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{39}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{36}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{33}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{30}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{27}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^{24}, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^{21}, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^{18}, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{2^{15}, 4^{34}\})$	562949953421312
4	$\mathcal{O}(4; \{2^{12}, 4^{36}\})$	2251799813685248
4	$\mathcal{O}(4; \{2^9, 4^{38}\})$	9007199254740992
4	$\mathcal{O}(4; \{2^6, 4^{40}\})$	36028797018963968
4	$\mathcal{O}(4; \{2^3, 4^{42}\})$	144115188075855872
4	$\mathcal{O}(4; \{4^{44}\})$	576460752303423488
4	$\mathcal{O}(3; \{2^{70}\})$	4032
4	$\mathcal{O}(3; \{2^{67}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{64}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{61}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{58}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{55}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{52}, 4^{12}\})$	8388608

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{2^{49}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{46}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{43}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{40}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{37}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{34}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{31}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{28}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{25}, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^{22}, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^{19}, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{2^{16}, 4^{36}\})$	140737488355328
4	$\mathcal{O}(3; \{2^{13}, 4^{38}\})$	562949953421312
4	$\mathcal{O}(3; \{2^{10}, 4^{40}\})$	2251799813685248
4	$\mathcal{O}(3; \{2^7, 4^{42}\})$	9007199254740992
4	$\mathcal{O}(3; \{2^4, 4^{44}\})$	36028797018963968
4	$\mathcal{O}(3; \{2, 4^{46}\})$	144115188075855872
4	$\mathcal{O}(2; \{2^{74}\})$	240
4	$\mathcal{O}(2; \{2^{71}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{68}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{65}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{62}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{59}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{56}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{53}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{50}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{47}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{44}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{41}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{38}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{35}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{32}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{29}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{26}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^{23}, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^{20}, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^{17}, 4^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{2^{14}, 4^{40}\})$	140737488355328
4	$\mathcal{O}(2; \{2^{11}, 4^{42}\})$	562949953421312
4	$\mathcal{O}(2; \{2^8, 4^{44}\})$	2251799813685248
4	$\mathcal{O}(2; \{2^5, 4^{46}\})$	9007199254740992
4	$\mathcal{O}(2; \{2^2, 4^{48}\})$	36028797018963968
4	$\mathcal{O}(1; \{2^{78}\})$	12

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{2^{75}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{72}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{69}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{66}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{63}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{60}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{57}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{54}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{51}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{48}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{45}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{42}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{39}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{36}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{33}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{30}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{27}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^{24}, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^{21}, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^{18}, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{2^{15}, 4^{42}\})$	35184372088832
4	$\mathcal{O}(1; \{2^{12}, 4^{44}\})$	140737488355328
4	$\mathcal{O}(1; \{2^9, 4^{46}\})$	562949953421312
4	$\mathcal{O}(1; \{2^6, 4^{48}\})$	2251799813685248
4	$\mathcal{O}(1; \{2^3, 4^{50}\})$	9007199254740992
4	$\mathcal{O}(1; \{4^{52}\})$	36028797018963968
4	$\mathcal{O}(0; \{2^{79}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{76}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{73}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{70}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{67}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{64}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{61}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{58}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{55}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{52}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{49}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{46}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{43}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{40}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{37}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{34}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{31}, 4^{34}\})$	8589934592

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{2^{28}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{25}, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^{22}, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^{19}, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2^{16}, 4^{44}\})$	8796093022208
4	$\mathcal{O}(0; \{2^{13}, 4^{46}\})$	35184372088832
4	$\mathcal{O}(0; \{2^{10}, 4^{48}\})$	140737488355328
4	$\mathcal{O}(0; \{2^7, 4^{50}\})$	562949953421312
4	$\mathcal{O}(0; \{2^4, 4^{52}\})$	2251799813685248
4	$\mathcal{O}(0; \{2, 4^{54}\})$	9007199254740992
5	$\mathcal{O}(15; \{5^4\})$	48428773880004882812500
5	$\mathcal{O}(13; \{5^9\})$	78123807907104492187500
5	$\mathcal{O}(11; \{5^{14}\})$	128000001907348632812500
5	$\mathcal{O}(9; \{5^{19}\})$	209715199996948242187500
5	$\mathcal{O}(7; \{5^{24}\})$	343597383680004882812500
5	$\mathcal{O}(5; \{5^{29}\})$	562949953421311992187500
5	$\mathcal{O}(3; \{5^{34}\})$	922337203685477580812500
5	$\mathcal{O}(1; \{5^{39}\})$	1511157274518286468382700
6	$\mathcal{O}(14; \emptyset)$	6140942191587754606800
6	$\mathcal{O}(13; \{2^4\})$	170581728179511099392
6	$\mathcal{O}(13; \{3^3\})$	341163451275424759854
6	$\mathcal{O}(13; \{2, 3, 6\})$	341163456359156416512
6	$\mathcal{O}(12; \{2^8\})$	4738381338304839680
6	$\mathcal{O}(12; \{2^4, 3^3\})$	9476762676643233792
6	$\mathcal{O}(12; \{3^6\})$	104244383229625769130
6	$\mathcal{O}(12; \{2^5, 3, 6\})$	9476762676643233792
6	$\mathcal{O}(12; \{2, 3^4, 6\})$	47383813383216168960
6	$\mathcal{O}(12; \{2^2, 3^2, 6^2\})$	28430288029929701376
6	$\mathcal{O}(12; \{2^3, 6^3\})$	9476762676643233792
6	$\mathcal{O}(12; \{3, 6^4\})$	47383813383216168960
6	$\mathcal{O}(11; \{2^{12}\})$	131621703838072832
6	$\mathcal{O}(11; \{2^8, 3^3\})$	263243407684534272
6	$\mathcal{O}(11; \{2^4, 3^6\})$	2895677484529876992
6	$\mathcal{O}(11; \{3^9\})$	22375684318405279590
6	$\mathcal{O}(11; \{2^9, 3, 6\})$	263243407684534272
6	$\mathcal{O}(11; \{2^5, 3^4, 6\})$	1316217038422671360
6	$\mathcal{O}(11; \{2, 3^7, 6\})$	11319466530434973696
6	$\mathcal{O}(11; \{2^6, 3^2, 6^2\})$	789730223053602816
6	$\mathcal{O}(11; \{2^2, 3^5, 6^2\})$	5528111561375219712
6	$\mathcal{O}(11; \{2^7, 6^3\})$	263243407684534272
6	$\mathcal{O}(11; \{2^3, 3^3, 6^3\})$	2895677484529876992
6	$\mathcal{O}(11; \{2^4, 3, 6^4\})$	1316217038422671360
6	$\mathcal{O}(11; \{3^4, 6^4\})$	11319466530434973696

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(11; \{2, 3^2, 6^5\})$	5528111561375219712
6	$\mathcal{O}(11; \{2^2, 6^6\})$	2895677484529876992
6	$\mathcal{O}(10; \{2^{16}\})$	3656158439014400
6	$\mathcal{O}(10; \{2^{12}, 3^3\})$	7312316880125952
6	$\mathcal{O}(10; \{2^8, 3^6\})$	80435485681385472
6	$\mathcal{O}(10; \{2^4, 3^9\})$	621546934810705920
6	$\mathcal{O}(10; \{3^{12}\})$	4994307666178533450
6	$\mathcal{O}(10; \{2^{13}, 3, 6\})$	7312316880125952
6	$\mathcal{O}(10; \{2^9, 3^4, 6\})$	36561584400629760
6	$\mathcal{O}(10; \{2^5, 3^7, 6\})$	314429625845415936
6	$\mathcal{O}(10; \{2, 3^{10}, 6\})$	2493500056122949632
6	$\mathcal{O}(10; \{2^{10}, 3^2, 6^2\})$	21936950640377856
6	$\mathcal{O}(10; \{2^6, 3^5, 6^2\})$	153558654482644992
6	$\mathcal{O}(10; \{2^2, 3^8, 6^2\})$	1250406186501537792
6	$\mathcal{O}(10; \{2^{11}, 6^3\})$	7312316880125952
6	$\mathcal{O}(10; \{2^7, 3^3, 6^3\})$	80435485681385472
6	$\mathcal{O}(10; \{2^3, 3^6, 6^3\})$	621546934810705920
6	$\mathcal{O}(10; \{2^8, 3, 6^4\})$	36561584400629760
6	$\mathcal{O}(10; \{2^4, 3^4, 6^4\})$	314429625845415936
6	$\mathcal{O}(10; \{3^7, 6^4\})$	2493500056122949632
6	$\mathcal{O}(10; \{2^5, 3^2, 6^5\})$	153558654482644992
6	$\mathcal{O}(10; \{2, 3^5, 6^5\})$	1250406186501537792
6	$\mathcal{O}(10; \{2^6, 6^6\})$	80435485681385472
6	$\mathcal{O}(10; \{2^2, 3^3, 6^6\})$	621546934810705920
6	$\mathcal{O}(10; \{2^3, 3, 6^7\})$	314429625845415936
6	$\mathcal{O}(10; \{3^2, 6^8\})$	1250406186501537792
6	$\mathcal{O}(10; \{2, 6^9\})$	621546934810705920
6	$\mathcal{O}(9; \{2^{20}\})$	101559956406272
6	$\mathcal{O}(9; \{2^{16}, 3^3\})$	203119913336832
6	$\mathcal{O}(9; \{2^{12}, 3^6\})$	2234319046705152
6	$\mathcal{O}(9; \{2^8, 3^9\})$	17265192633630720
6	$\mathcal{O}(9; \{2^4, 3^{12}\})$	138730900809056256
6	$\mathcal{O}(9; \{3^{15}\})$	1109233615325858694
6	$\mathcal{O}(9; \{2^{17}, 3, 6\})$	203119913336832
6	$\mathcal{O}(9; \{2^{13}, 3^4, 6\})$	1015599566684160
6	$\mathcal{O}(9; \{2^9, 3^7, 6\})$	8734156273483776
6	$\mathcal{O}(9; \{2^5, 3^{10}, 6\})$	69263890447859712
6	$\mathcal{O}(9; \{2, 3^{13}, 6\})$	554720483322888192
6	$\mathcal{O}(9; \{2^{14}, 3^2, 6^2\})$	609359740010496
6	$\mathcal{O}(9; \{2^{10}, 3^5, 6^2\})$	4265518180073472
6	$\mathcal{O}(9; \{2^6, 3^8, 6^2\})$	34733505180598272
6	$\mathcal{O}(9; \{2^2, 3^{11}, 6^2\})$	277258681704775680
6	$\mathcal{O}(9; \{2^{15}, 6^3\})$	203119913336832

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{2^{11}, 3^3, 6^3\})$	2234319046705152
6	$\mathcal{O}(9; \{2^7, 3^6, 6^3\})$	17265192633630720
6	$\mathcal{O}(9; \{2^3, 3^9, 6^3\})$	138730900809056256
6	$\mathcal{O}(9; \{2^{12}, 3, 6^4\})$	1015599566684160
6	$\mathcal{O}(9; \{2^8, 3^4, 6^4\})$	8734156273483776
6	$\mathcal{O}(9; \{2^4, 3^7, 6^4\})$	69263890447859712
6	$\mathcal{O}(9; \{3^{10}, 6^4\})$	554720483322888192
6	$\mathcal{O}(9; \{2^9, 3^2, 6^5\})$	4265518180073472
6	$\mathcal{O}(9; \{2^5, 3^5, 6^5\})$	34733505180598272
6	$\mathcal{O}(9; \{2, 3^8, 6^5\})$	277258681704775680
6	$\mathcal{O}(9; \{2^{10}, 6^6\})$	2234319046705152
6	$\mathcal{O}(9; \{2^6, 3^3, 6^6\})$	17265192633630720
6	$\mathcal{O}(9; \{2^2, 3^6, 6^6\})$	138730900809056256
6	$\mathcal{O}(9; \{2^7, 3, 6^7\})$	8734156273483776
6	$\mathcal{O}(9; \{2^3, 3^4, 6^7\})$	69263890447859712
6	$\mathcal{O}(9; \{2^4, 3^2, 6^8\})$	34733505180598272
6	$\mathcal{O}(9; \{3^5, 6^8\})$	277258681704775680
6	$\mathcal{O}(9; \{2^5, 6^9\})$	17265192633630720
6	$\mathcal{O}(9; \{2, 3^3, 6^9\})$	138730900809056256
6	$\mathcal{O}(9; \{2^2, 3, 6^{10}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^{12}\})$	138730900809056256
6	$\mathcal{O}(8; \{2^{24}\})$	2821109841920
6	$\mathcal{O}(8; \{2^{20}, 3^3\})$	5642219814912
6	$\mathcal{O}(8; \{2^{16}, 3^6\})$	62064417964032
6	$\mathcal{O}(8; \{2^{12}, 3^9\})$	479588684267520
6	$\mathcal{O}(8; \{2^8, 3^{12}\})$	3853636133584896
6	$\mathcal{O}(8; \{2^4, 3^{15}\})$	30812162409234432
6	$\mathcal{O}(8; \{3^{18}\})$	246510464424745770
6	$\mathcal{O}(8; \{2^{21}, 3, 6\})$	5642219814912
6	$\mathcal{O}(8; \{2^{17}, 3^4, 6\})$	28211099074560
6	$\mathcal{O}(8; \{2^{13}, 3^7, 6\})$	242615452041216
6	$\mathcal{O}(8; \{2^9, 3^{10}, 6\})$	1923996956884992
6	$\mathcal{O}(8; \{2^5, 3^{13}, 6\})$	15408902314524672
6	$\mathcal{O}(8; \{2, 3^{16}, 6\})$	123254291856752640
6	$\mathcal{O}(8; \{2^{18}, 3^2, 6^2\})$	16926659444736
6	$\mathcal{O}(8; \{2^{14}, 3^5, 6^2\})$	118486616113152
6	$\mathcal{O}(8; \{2^{10}, 3^8, 6^2\})$	964819588349952
6	$\mathcal{O}(8; \{2^6, 3^{11}, 6^2\})$	7701630047354880
6	$\mathcal{O}(8; \{2^2, 3^{14}, 6^2\})$	61629967038283776
6	$\mathcal{O}(8; \{2^{19}, 6^3\})$	5642219814912
6	$\mathcal{O}(8; \{2^{15}, 3^3, 6^3\})$	62064417964032
6	$\mathcal{O}(8; \{2^{11}, 3^6, 6^3\})$	479588684267520
6	$\mathcal{O}(8; \{2^7, 3^9, 6^3\})$	3853636133584896

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{2^3, 3^{12}, 6^3\})$	30812162409234432
6	$\mathcal{O}(8; \{2^{16}, 3, 6^4\})$	28211099074560
6	$\mathcal{O}(8; \{2^{12}, 3^4, 6^4\})$	242615452041216
6	$\mathcal{O}(8; \{2^8, 3^7, 6^4\})$	1923996956884992
6	$\mathcal{O}(8; \{2^4, 3^{10}, 6^4\})$	15408902314524672
6	$\mathcal{O}(8; \{3^{13}, 6^4\})$	123254291856752640
6	$\mathcal{O}(8; \{2^{13}, 3^2, 6^5\})$	118486616113152
6	$\mathcal{O}(8; \{2^9, 3^5, 6^5\})$	964819588349952
6	$\mathcal{O}(8; \{2^5, 3^8, 6^5\})$	7701630047354880
6	$\mathcal{O}(8; \{2, 3^{11}, 6^5\})$	61629967038283776
6	$\mathcal{O}(8; \{2^{14}, 6^6\})$	62064417964032
6	$\mathcal{O}(8; \{2^{10}, 3^3, 6^6\})$	479588684267520
6	$\mathcal{O}(8; \{2^6, 3^6, 6^6\})$	3853636133584896
6	$\mathcal{O}(8; \{2^2, 3^9, 6^6\})$	30812162409234432
6	$\mathcal{O}(8; \{2^{11}, 3, 6^7\})$	242615452041216
6	$\mathcal{O}(8; \{2^7, 3^4, 6^7\})$	1923996956884992
6	$\mathcal{O}(8; \{2^3, 3^7, 6^7\})$	15408902314524672
6	$\mathcal{O}(8; \{2^8, 3^2, 6^8\})$	964819588349952
6	$\mathcal{O}(8; \{2^4, 3^5, 6^8\})$	7701630047354880
6	$\mathcal{O}(8; \{3^8, 6^8\})$	61629967038283776
6	$\mathcal{O}(8; \{2^9, 6^9\})$	479588684267520
6	$\mathcal{O}(8; \{2^5, 3^3, 6^9\})$	3853636133584896
6	$\mathcal{O}(8; \{2, 3^6, 6^9\})$	30812162409234432
6	$\mathcal{O}(8; \{2^6, 3, 6^{10}\})$	1923996956884992
6	$\mathcal{O}(8; \{2^2, 3^4, 6^{10}\})$	15408902314524672
6	$\mathcal{O}(8; \{2^3, 3^2, 6^{11}\})$	7701630047354880
6	$\mathcal{O}(8; \{2^4, 6^{12}\})$	3853636133584896
6	$\mathcal{O}(8; \{3^3, 6^{12}\})$	30812162409234432
6	$\mathcal{O}(8; \{2, 3, 6^{13}\})$	15408902314524672
6	$\mathcal{O}(7; \{2^{28}\})$	78364147712
6	$\mathcal{O}(7; \{2^{24}, 3^3\})$	156728328192
6	$\mathcal{O}(7; \{2^{20}, 3^6\})$	1724011610112
6	$\mathcal{O}(7; \{2^{16}, 3^9\})$	13321907896320
6	$\mathcal{O}(7; \{2^{12}, 3^{12}\})$	107045448155136
6	$\mathcal{O}(7; \{2^8, 3^{15}\})$	855893400256512
6	$\mathcal{O}(7; \{2^4, 3^{18}\})$	6847617387036672
6	$\mathcal{O}(7; \{3^{21}\})$	54777125376829350
6	$\mathcal{O}(7; \{2^{25}, 3, 6\})$	156728328192
6	$\mathcal{O}(7; \{2^{21}, 3^4, 6\})$	783641640960
6	$\mathcal{O}(7; \{2^{17}, 3^7, 6\})$	6739318112256
6	$\mathcal{O}(7; \{2^{13}, 3^{10}, 6\})$	53444359913472
6	$\mathcal{O}(7; \{2^9, 3^{13}, 6\})$	428025064292352
6	$\mathcal{O}(7; \{2^5, 3^{16}, 6\})$	3423730329354240

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{2, 3^{19}, 6\})$	27390312819818496
6	$\mathcal{O}(7; \{2^{22}, 3^2, 6^2\})$	470184984576
6	$\mathcal{O}(7; \{2^{18}, 3^5, 6^2\})$	3291294892032
6	$\mathcal{O}(7; \{2^{14}, 3^8, 6^2\})$	26800544120832
6	$\mathcal{O}(7; \{2^{10}, 3^{11}, 6^2\})$	213934167982080
6	$\mathcal{O}(7; \{2^6, 3^{14}, 6^2\})$	1711943528841216
6	$\mathcal{O}(7; \{2^2, 3^{17}, 6^2\})$	13695078045745152
6	$\mathcal{O}(7; \{2^{23}, 6^3\})$	156728328192
6	$\mathcal{O}(7; \{2^{19}, 3^3, 6^3\})$	1724011610112
6	$\mathcal{O}(7; \{2^{15}, 3^6, 6^3\})$	13321907896320
6	$\mathcal{O}(7; \{2^{11}, 3^9, 6^3\})$	107045448155136
6	$\mathcal{O}(7; \{2^7, 3^{12}, 6^3\})$	855893400256512
6	$\mathcal{O}(7; \{2^3, 3^{15}, 6^3\})$	6847617387036672
6	$\mathcal{O}(7; \{2^{20}, 3, 6^4\})$	783641640960
6	$\mathcal{O}(7; \{2^{16}, 3^4, 6^4\})$	6739318112256
6	$\mathcal{O}(7; \{2^{12}, 3^7, 6^4\})$	53444359913472
6	$\mathcal{O}(7; \{2^8, 3^{10}, 6^4\})$	428025064292352
6	$\mathcal{O}(7; \{2^4, 3^{13}, 6^4\})$	3423730329354240
6	$\mathcal{O}(7; \{3^{16}, 6^4\})$	27390312819818496
6	$\mathcal{O}(7; \{2^{17}, 3^2, 6^5\})$	3291294892032
6	$\mathcal{O}(7; \{2^{13}, 3^5, 6^5\})$	26800544120832
6	$\mathcal{O}(7; \{2^9, 3^8, 6^5\})$	213934167982080
6	$\mathcal{O}(7; \{2^5, 3^{11}, 6^5\})$	1711943528841216
6	$\mathcal{O}(7; \{2, 3^{14}, 6^5\})$	13695078045745152
6	$\mathcal{O}(7; \{2^{18}, 6^6\})$	1724011610112
6	$\mathcal{O}(7; \{2^{14}, 3^3, 6^6\})$	13321907896320
6	$\mathcal{O}(7; \{2^{10}, 3^6, 6^6\})$	107045448155136
6	$\mathcal{O}(7; \{2^6, 3^9, 6^6\})$	855893400256512
6	$\mathcal{O}(7; \{2^2, 3^{12}, 6^6\})$	6847617387036672
6	$\mathcal{O}(7; \{2^{15}, 3, 6^7\})$	6739318112256
6	$\mathcal{O}(7; \{2^{11}, 3^4, 6^7\})$	53444359913472
6	$\mathcal{O}(7; \{2^7, 3^7, 6^7\})$	428025064292352
6	$\mathcal{O}(7; \{2^3, 3^{10}, 6^7\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{12}, 3^2, 6^8\})$	26800544120832
6	$\mathcal{O}(7; \{2^8, 3^5, 6^8\})$	213934167982080
6	$\mathcal{O}(7; \{2^4, 3^8, 6^8\})$	1711943528841216
6	$\mathcal{O}(7; \{3^{11}, 6^8\})$	13695078045745152
6	$\mathcal{O}(7; \{2^{13}, 6^9\})$	13321907896320
6	$\mathcal{O}(7; \{2^9, 3^3, 6^9\})$	107045448155136
6	$\mathcal{O}(7; \{2^5, 3^6, 6^9\})$	855893400256512
6	$\mathcal{O}(7; \{2, 3^9, 6^9\})$	6847617387036672
6	$\mathcal{O}(7; \{2^{10}, 3, 6^{10}\})$	53444359913472
6	$\mathcal{O}(7; \{2^6, 3^4, 6^{10}\})$	428025064292352

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{2^2, 3^7, 6^{10}\})$	3423730329354240
6	$\mathcal{O}(7; \{2^7, 3^2, 6^{11}\})$	213934167982080
6	$\mathcal{O}(7; \{2^3, 3^5, 6^{11}\})$	1711943528841216
6	$\mathcal{O}(7; \{2^8, 6^{12}\})$	107045448155136
6	$\mathcal{O}(7; \{2^4, 3^3, 6^{12}\})$	855893400256512
6	$\mathcal{O}(7; \{3^6, 6^{12}\})$	6847617387036672
6	$\mathcal{O}(7; \{2^5, 3, 6^{13}\})$	428025064292352
6	$\mathcal{O}(7; \{2, 3^4, 6^{13}\})$	3423730329354240
6	$\mathcal{O}(7; \{2^2, 3^2, 6^{14}\})$	1711943528841216
6	$\mathcal{O}(7; \{2^3, 6^{15}\})$	855893400256512
6	$\mathcal{O}(7; \{3, 6^{16}\})$	3423730329354240
6	$\mathcal{O}(6; \{2^{32}\})$	2176778240
6	$\mathcal{O}(6; \{2^{28}, 3^3\})$	4353564672
6	$\mathcal{O}(6; \{2^{24}, 3^6\})$	47889211392
6	$\mathcal{O}(6; \{2^{20}, 3^9\})$	370052997120
6	$\mathcal{O}(6; \{2^{16}, 3^{12}\})$	2973484670976
6	$\mathcal{O}(6; \{2^{12}, 3^{15}\})$	23774816673792
6	$\mathcal{O}(6; \{2^8, 3^{18}\})$	190211594084352
6	$\mathcal{O}(6; \{2^4, 3^{21}\})$	1521679691980800
6	$\mathcal{O}(6; \{3^{24}\})$	12170478562703370
6	$\mathcal{O}(6; \{2^{29}, 3, 6\})$	4353564672
6	$\mathcal{O}(6; \{2^{25}, 3^4, 6\})$	21767823360
6	$\mathcal{O}(6; \{2^{21}, 3^7, 6\})$	187203280896
6	$\mathcal{O}(6; \{2^{17}, 3^{10}, 6\})$	1484565553152
6	$\mathcal{O}(6; \{2^{13}, 3^{13}, 6\})$	11889585119232
6	$\mathcal{O}(6; \{2^9, 3^{16}, 6\})$	95103620259840
6	$\mathcal{O}(6; \{2^5, 3^{19}, 6\})$	760842022772736
6	$\mathcal{O}(6; \{2, 3^{22}, 6\})$	6086723121487872
6	$\mathcal{O}(6; \{2^{26}, 3^2, 6^2\})$	13060694016
6	$\mathcal{O}(6; \{2^{22}, 3^5, 6^2\})$	91424858112
6	$\mathcal{O}(6; \{2^{18}, 3^8, 6^2\})$	744459558912
6	$\mathcal{O}(6; \{2^{14}, 3^{11}, 6^2\})$	5942615777280
6	$\mathcal{O}(6; \{2^{10}, 3^{14}, 6^2\})$	47553986912256
6	$\mathcal{O}(6; \{2^6, 3^{17}, 6^2\})$	380418834604032
6	$\mathcal{O}(6; \{2^2, 3^{20}, 6^2\})$	3043363737526272
6	$\mathcal{O}(6; \{2^{27}, 6^3\})$	4353564672
6	$\mathcal{O}(6; \{2^{23}, 3^3, 6^3\})$	47889211392
6	$\mathcal{O}(6; \{2^{19}, 3^6, 6^3\})$	370052997120
6	$\mathcal{O}(6; \{2^{15}, 3^9, 6^3\})$	2973484670976
6	$\mathcal{O}(6; \{2^{11}, 3^{12}, 6^3\})$	23774816673792
6	$\mathcal{O}(6; \{2^7, 3^{15}, 6^3\})$	190211594084352
6	$\mathcal{O}(6; \{2^3, 3^{18}, 6^3\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{24}, 3, 6^4\})$	21767823360

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^{20}, 3^4, 6^4\})$	187203280896
6	$\mathcal{O}(6; \{2^{16}, 3^7, 6^4\})$	1484565553152
6	$\mathcal{O}(6; \{2^{12}, 3^{10}, 6^4\})$	11889585119232
6	$\mathcal{O}(6; \{2^8, 3^{13}, 6^4\})$	95103620259840
6	$\mathcal{O}(6; \{2^4, 3^{16}, 6^4\})$	760842022772736
6	$\mathcal{O}(6; \{3^{19}, 6^4\})$	6086723121487872
6	$\mathcal{O}(6; \{2^{21}, 3^2, 6^5\})$	91424858112
6	$\mathcal{O}(6; \{2^{17}, 3^5, 6^5\})$	744459558912
6	$\mathcal{O}(6; \{2^{13}, 3^8, 6^5\})$	5942615777280
6	$\mathcal{O}(6; \{2^9, 3^{11}, 6^5\})$	47553986912256
6	$\mathcal{O}(6; \{2^5, 3^{14}, 6^5\})$	380418834604032
6	$\mathcal{O}(6; \{2, 3^{17}, 6^5\})$	3043363737526272
6	$\mathcal{O}(6; \{2^{22}, 6^6\})$	47889211392
6	$\mathcal{O}(6; \{2^{18}, 3^3, 6^6\})$	370052997120
6	$\mathcal{O}(6; \{2^{14}, 3^6, 6^6\})$	2973484670976
6	$\mathcal{O}(6; \{2^{10}, 3^9, 6^6\})$	23774816673792
6	$\mathcal{O}(6; \{2^6, 3^{12}, 6^6\})$	190211594084352
6	$\mathcal{O}(6; \{2^2, 3^{15}, 6^6\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{19}, 3, 6^7\})$	187203280896
6	$\mathcal{O}(6; \{2^{15}, 3^4, 6^7\})$	1484565553152
6	$\mathcal{O}(6; \{2^{11}, 3^7, 6^7\})$	11889585119232
6	$\mathcal{O}(6; \{2^7, 3^{10}, 6^7\})$	95103620259840
6	$\mathcal{O}(6; \{2^3, 3^{13}, 6^7\})$	760842022772736
6	$\mathcal{O}(6; \{2^{16}, 3^2, 6^8\})$	744459558912
6	$\mathcal{O}(6; \{2^{12}, 3^5, 6^8\})$	5942615777280
6	$\mathcal{O}(6; \{2^8, 3^8, 6^8\})$	47553986912256
6	$\mathcal{O}(6; \{2^4, 3^{11}, 6^8\})$	380418834604032
6	$\mathcal{O}(6; \{3^{14}, 6^8\})$	3043363737526272
6	$\mathcal{O}(6; \{2^{17}, 6^9\})$	370052997120
6	$\mathcal{O}(6; \{2^{13}, 3^3, 6^9\})$	2973484670976
6	$\mathcal{O}(6; \{2^9, 3^6, 6^9\})$	23774816673792
6	$\mathcal{O}(6; \{2^5, 3^9, 6^9\})$	190211594084352
6	$\mathcal{O}(6; \{2, 3^{12}, 6^9\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{14}, 3, 6^{10}\})$	1484565553152
6	$\mathcal{O}(6; \{2^{10}, 3^4, 6^{10}\})$	11889585119232
6	$\mathcal{O}(6; \{2^6, 3^7, 6^{10}\})$	95103620259840
6	$\mathcal{O}(6; \{2^2, 3^{10}, 6^{10}\})$	760842022772736
6	$\mathcal{O}(6; \{2^{11}, 3^2, 6^{11}\})$	5942615777280
6	$\mathcal{O}(6; \{2^7, 3^5, 6^{11}\})$	47553986912256
6	$\mathcal{O}(6; \{2^3, 3^8, 6^{11}\})$	380418834604032
6	$\mathcal{O}(6; \{2^{12}, 6^{12}\})$	2973484670976
6	$\mathcal{O}(6; \{2^8, 3^3, 6^{12}\})$	23774816673792
6	$\mathcal{O}(6; \{2^4, 3^6, 6^{12}\})$	190211594084352

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{3^9, 6^{12}\})$	1521679691980800
6	$\mathcal{O}(6; \{2^9, 3, 6^{13}\})$	11889585119232
6	$\mathcal{O}(6; \{2^5, 3^4, 6^{13}\})$	95103620259840
6	$\mathcal{O}(6; \{2, 3^7, 6^{13}\})$	760842022772736
6	$\mathcal{O}(6; \{2^6, 3^2, 6^{14}\})$	47553986912256
6	$\mathcal{O}(6; \{2^2, 3^5, 6^{14}\})$	380418834604032
6	$\mathcal{O}(6; \{2^7, 6^{15}\})$	23774816673792
6	$\mathcal{O}(6; \{2^3, 3^3, 6^{15}\})$	190211594084352
6	$\mathcal{O}(6; \{2^4, 3, 6^{16}\})$	95103620259840
6	$\mathcal{O}(6; \{3^4, 6^{16}\})$	760842022772736
6	$\mathcal{O}(6; \{2, 3^2, 6^{17}\})$	380418834604032
6	$\mathcal{O}(6; \{2^2, 6^{18}\})$	190211594084352
6	$\mathcal{O}(5; \{2^{36}\})$	60465152
6	$\mathcal{O}(5; \{2^{32}, 3^3\})$	120932352
6	$\mathcal{O}(5; \{2^{28}, 3^6\})$	1330255872
6	$\mathcal{O}(5; \{2^{24}, 3^9\})$	10279249920
6	$\mathcal{O}(5; \{2^{20}, 3^{12}\})$	82596796416
6	$\mathcal{O}(5; \{2^{16}, 3^{15}\})$	660411574272
6	$\mathcal{O}(5; \{2^{12}, 3^{18}\})$	5283655391232
6	$\mathcal{O}(5; \{2^8, 3^{21}\})$	42268880332800
6	$\mathcal{O}(5; \{2^4, 3^{24}\})$	338151405459456
6	$\mathcal{O}(5; \{3^{27}\})$	2702569073377734
6	$\mathcal{O}(5; \{2^{33}, 3, 6\})$	120932352
6	$\mathcal{O}(5; \{2^{29}, 3^4, 6\})$	604661760
6	$\mathcal{O}(5; \{2^{25}, 3^7, 6\})$	5200091136
6	$\mathcal{O}(5; \{2^{21}, 3^{10}, 6\})$	41237932032
6	$\mathcal{O}(5; \{2^{17}, 3^{13}, 6\})$	330266253312
6	$\mathcal{O}(5; \{2^{13}, 3^{16}, 6\})$	2641767229440
6	$\mathcal{O}(5; \{2^9, 3^{19}, 6\})$	21134500632576
6	$\mathcal{O}(5; \{2^5, 3^{22}, 6\})$	169075642263552
6	$\mathcal{O}(5; \{2, 3^{25}, 6\})$	1352605500905472
6	$\mathcal{O}(5; \{2^{30}, 3^2, 6^2\})$	362797056
6	$\mathcal{O}(5; \{2^{26}, 3^5, 6^2\})$	2539579392
6	$\mathcal{O}(5; \{2^{22}, 3^8, 6^2\})$	20679432192
6	$\mathcal{O}(5; \{2^{18}, 3^{11}, 6^2\})$	165072660480
6	$\mathcal{O}(5; \{2^{14}, 3^{14}, 6^2\})$	1320944080896
6	$\mathcal{O}(5; \{2^{10}, 3^{17}, 6^2\})$	10567189850112
6	$\mathcal{O}(5; \{2^6, 3^{20}, 6^2\})$	84537881597952
6	$\mathcal{O}(5; \{2^2, 3^{23}, 6^2\})$	676302689986560
6	$\mathcal{O}(5; \{2^{31}, 6^3\})$	120932352
6	$\mathcal{O}(5; \{2^{27}, 3^3, 6^3\})$	1330255872
6	$\mathcal{O}(5; \{2^{23}, 3^6, 6^3\})$	10279249920
6	$\mathcal{O}(5; \{2^{19}, 3^9, 6^3\})$	82596796416

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2, 3^{15}, 6^9\})$	338151405459456
6	$\mathcal{O}(5; \{2^{18}, 3, 6^{10}\})$	41237932032
6	$\mathcal{O}(5; \{2^{14}, 3^4, 6^{10}\})$	330266253312
6	$\mathcal{O}(5; \{2^{10}, 3^7, 6^{10}\})$	2641767229440
6	$\mathcal{O}(5; \{2^6, 3^{10}, 6^{10}\})$	21134500632576
6	$\mathcal{O}(5; \{2^2, 3^{13}, 6^{10}\})$	169075642263552
6	$\mathcal{O}(5; \{2^{15}, 3^2, 6^{11}\})$	165072660480
6	$\mathcal{O}(5; \{2^{11}, 3^5, 6^{11}\})$	1320944080896
6	$\mathcal{O}(5; \{2^7, 3^8, 6^{11}\})$	10567189850112
6	$\mathcal{O}(5; \{2^3, 3^{11}, 6^{11}\})$	84537881597952
6	$\mathcal{O}(5; \{2^{16}, 6^{12}\})$	82596796416
6	$\mathcal{O}(5; \{2^{12}, 3^3, 6^{12}\})$	660411574272
6	$\mathcal{O}(5; \{2^8, 3^6, 6^{12}\})$	5283655391232
6	$\mathcal{O}(5; \{2^4, 3^9, 6^{12}\})$	42268880332800
6	$\mathcal{O}(5; \{3^{12}, 6^{12}\})$	338151405459456
6	$\mathcal{O}(5; \{2^{13}, 3, 6^{13}\})$	330266253312
6	$\mathcal{O}(5; \{2^9, 3^4, 6^{13}\})$	2641767229440
6	$\mathcal{O}(5; \{2^5, 3^7, 6^{13}\})$	21134500632576
6	$\mathcal{O}(5; \{2, 3^{10}, 6^{13}\})$	169075642263552
6	$\mathcal{O}(5; \{2^{10}, 3^2, 6^{14}\})$	1320944080896
6	$\mathcal{O}(5; \{2^6, 3^5, 6^{14}\})$	10567189850112
6	$\mathcal{O}(5; \{2^2, 3^8, 6^{14}\})$	84537881597952
6	$\mathcal{O}(5; \{2^{11}, 6^{15}\})$	660411574272
6	$\mathcal{O}(5; \{2^7, 3^3, 6^{15}\})$	5283655391232
6	$\mathcal{O}(5; \{2^3, 3^6, 6^{15}\})$	42268880332800
6	$\mathcal{O}(5; \{2^8, 3, 6^{16}\})$	2641767229440
6	$\mathcal{O}(5; \{2^4, 3^4, 6^{16}\})$	21134500632576
6	$\mathcal{O}(5; \{3^7, 6^{16}\})$	169075642263552
6	$\mathcal{O}(5; \{2^5, 3^2, 6^{17}\})$	10567189850112
6	$\mathcal{O}(5; \{2, 3^5, 6^{17}\})$	84537881597952
6	$\mathcal{O}(5; \{2^6, 6^{18}\})$	5283655391232
6	$\mathcal{O}(5; \{2^2, 3^3, 6^{18}\})$	42268880332800
6	$\mathcal{O}(5; \{2^3, 3, 6^{19}\})$	21134500632576
6	$\mathcal{O}(5; \{3^2, 6^{20}\})$	84537881597952
6	$\mathcal{O}(5; \{2, 6^{21}\})$	42268880332800
6	$\mathcal{O}(4; \{2^{40}\})$	1679360
6	$\mathcal{O}(4; \{2^{36}, 3^3\})$	3359232
6	$\mathcal{O}(4; \{2^{32}, 3^6\})$	36951552
6	$\mathcal{O}(4; \{2^{28}, 3^9\})$	285534720
6	$\mathcal{O}(4; \{2^{24}, 3^{12}\})$	2294355456
6	$\mathcal{O}(4; \{2^{20}, 3^{15}\})$	18344765952
6	$\mathcal{O}(4; \{2^{16}, 3^{18}\})$	146768205312
6	$\mathcal{O}(4; \{2^{12}, 3^{21}\})$	1174135564800

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^8, 3^{24}\})$	9393094596096
6	$\mathcal{O}(4; \{2^4, 3^{27}\})$	75144746691072
6	$\mathcal{O}(4; \{3^{30}\})$	598809710232810
6	$\mathcal{O}(4; \{2^{37}, 3, 6\})$	3359232
6	$\mathcal{O}(4; \{2^{33}, 3^4, 6\})$	16796160
6	$\mathcal{O}(4; \{2^{29}, 3^7, 6\})$	144446976
6	$\mathcal{O}(4; \{2^{25}, 3^{10}, 6\})$	1145498112
6	$\mathcal{O}(4; \{2^{21}, 3^{13}, 6\})$	9174062592
6	$\mathcal{O}(4; \{2^{17}, 3^{16}, 6\})$	73382423040
6	$\mathcal{O}(4; \{2^{13}, 3^{19}, 6\})$	587069462016
6	$\mathcal{O}(4; \{2^9, 3^{22}, 6\})$	4696545618432
6	$\mathcal{O}(4; \{2^5, 3^{25}, 6\})$	37572375025152
6	$\mathcal{O}(4; \{2, 3^{28}, 6\})$	300578990123520
6	$\mathcal{O}(4; \{2^{34}, 3^2, 6^2\})$	10077696
6	$\mathcal{O}(4; \{2^{30}, 3^5, 6^2\})$	70543872
6	$\mathcal{O}(4; \{2^{26}, 3^8, 6^2\})$	574428672
6	$\mathcal{O}(4; \{2^{22}, 3^{11}, 6^2\})$	4585351680
6	$\mathcal{O}(4; \{2^{18}, 3^{14}, 6^2\})$	36692891136
6	$\mathcal{O}(4; \{2^{14}, 3^{17}, 6^2\})$	293533051392
6	$\mathcal{O}(4; \{2^{10}, 3^{20}, 6^2\})$	2348274488832
6	$\mathcal{O}(4; \{2^6, 3^{23}, 6^2\})$	18786185832960
6	$\mathcal{O}(4; \{2^2, 3^{26}, 6^2\})$	150289496741376
6	$\mathcal{O}(4; \{2^{35}, 6^3\})$	3359232
6	$\mathcal{O}(4; \{2^{31}, 3^3, 6^3\})$	36951552
6	$\mathcal{O}(4; \{2^{27}, 3^6, 6^3\})$	285534720
6	$\mathcal{O}(4; \{2^{23}, 3^9, 6^3\})$	2294355456
6	$\mathcal{O}(4; \{2^{19}, 3^{12}, 6^3\})$	18344765952
6	$\mathcal{O}(4; \{2^{15}, 3^{15}, 6^3\})$	146768205312
6	$\mathcal{O}(4; \{2^{11}, 3^{18}, 6^3\})$	1174135564800
6	$\mathcal{O}(4; \{2^7, 3^{21}, 6^3\})$	9393094596096
6	$\mathcal{O}(4; \{2^3, 3^{24}, 6^3\})$	75144746691072
6	$\mathcal{O}(4; \{2^{32}, 3, 6^4\})$	16796160
6	$\mathcal{O}(4; \{2^{28}, 3^4, 6^4\})$	144446976
6	$\mathcal{O}(4; \{2^{24}, 3^7, 6^4\})$	1145498112
6	$\mathcal{O}(4; \{2^{20}, 3^{10}, 6^4\})$	9174062592
6	$\mathcal{O}(4; \{2^{16}, 3^{13}, 6^4\})$	73382423040
6	$\mathcal{O}(4; \{2^{12}, 3^{16}, 6^4\})$	587069462016
6	$\mathcal{O}(4; \{2^8, 3^{19}, 6^4\})$	4696545618432
6	$\mathcal{O}(4; \{2^4, 3^{22}, 6^4\})$	37572375025152
6	$\mathcal{O}(4; \{3^{25}, 6^4\})$	300578990123520
6	$\mathcal{O}(4; \{2^{29}, 3^2, 6^5\})$	70543872
6	$\mathcal{O}(4; \{2^{25}, 3^5, 6^5\})$	574428672
6	$\mathcal{O}(4; \{2^{21}, 3^8, 6^5\})$	4585351680

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^7, 3^{11}, 6^{11}\})$	2348274488832
6	$\mathcal{O}(4; \{2^3, 3^{14}, 6^{11}\})$	18786185832960
6	$\mathcal{O}(4; \{2^{20}, 6^{12}\})$	2294355456
6	$\mathcal{O}(4; \{2^{16}, 3^3, 6^{12}\})$	18344765952
6	$\mathcal{O}(4; \{2^{12}, 3^6, 6^{12}\})$	146768205312
6	$\mathcal{O}(4; \{2^8, 3^9, 6^{12}\})$	1174135564800
6	$\mathcal{O}(4; \{2^4, 3^{12}, 6^{12}\})$	9393094596096
6	$\mathcal{O}(4; \{3^{15}, 6^{12}\})$	75144746691072
6	$\mathcal{O}(4; \{2^{17}, 3, 6^{13}\})$	9174062592
6	$\mathcal{O}(4; \{2^{13}, 3^4, 6^{13}\})$	73382423040
6	$\mathcal{O}(4; \{2^9, 3^7, 6^{13}\})$	587069462016
6	$\mathcal{O}(4; \{2^5, 3^{10}, 6^{13}\})$	4696545618432
6	$\mathcal{O}(4; \{2, 3^{13}, 6^{13}\})$	37572375025152
6	$\mathcal{O}(4; \{2^{14}, 3^2, 6^{14}\})$	36692891136
6	$\mathcal{O}(4; \{2^{10}, 3^5, 6^{14}\})$	293533051392
6	$\mathcal{O}(4; \{2^6, 3^8, 6^{14}\})$	2348274488832
6	$\mathcal{O}(4; \{2^2, 3^{11}, 6^{14}\})$	18786185832960
6	$\mathcal{O}(4; \{2^{15}, 6^{15}\})$	18344765952
6	$\mathcal{O}(4; \{2^{11}, 3^3, 6^{15}\})$	146768205312
6	$\mathcal{O}(4; \{2^7, 3^6, 6^{15}\})$	1174135564800
6	$\mathcal{O}(4; \{2^3, 3^9, 6^{15}\})$	9393094596096
6	$\mathcal{O}(4; \{2^{12}, 3, 6^{16}\})$	73382423040
6	$\mathcal{O}(4; \{2^8, 3^4, 6^{16}\})$	587069462016
6	$\mathcal{O}(4; \{2^4, 3^7, 6^{16}\})$	4696545618432
6	$\mathcal{O}(4; \{3^{10}, 6^{16}\})$	37572375025152
6	$\mathcal{O}(4; \{2^9, 3^2, 6^{17}\})$	293533051392
6	$\mathcal{O}(4; \{2^5, 3^5, 6^{17}\})$	2348274488832
6	$\mathcal{O}(4; \{2, 3^8, 6^{17}\})$	18786185832960
6	$\mathcal{O}(4; \{2^{10}, 6^{18}\})$	146768205312
6	$\mathcal{O}(4; \{2^6, 3^3, 6^{18}\})$	1174135564800
6	$\mathcal{O}(4; \{2^2, 3^6, 6^{18}\})$	9393094596096
6	$\mathcal{O}(4; \{2^7, 3, 6^{19}\})$	587069462016
6	$\mathcal{O}(4; \{2^3, 3^4, 6^{19}\})$	4696545618432
6	$\mathcal{O}(4; \{2^4, 3^2, 6^{20}\})$	2348274488832
6	$\mathcal{O}(4; \{3^5, 6^{20}\})$	18786185832960
6	$\mathcal{O}(4; \{2^5, 6^{21}\})$	1174135564800
6	$\mathcal{O}(4; \{2, 3^3, 6^{21}\})$	9393094596096
6	$\mathcal{O}(4; \{2^2, 3, 6^{22}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{24}\})$	9393094596096
6	$\mathcal{O}(3; \{2^{44}\})$	46592
6	$\mathcal{O}(3; \{2^{40}, 3^3\})$	93312
6	$\mathcal{O}(3; \{2^{36}, 3^6\})$	1026432
6	$\mathcal{O}(3; \{2^{32}, 3^9\})$	7931520

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{28}, 3^{12}\})$	63732096
6	$\mathcal{O}(3; \{2^{24}, 3^{15}\})$	509576832
6	$\mathcal{O}(3; \{2^{20}, 3^{18}\})$	4076894592
6	$\mathcal{O}(3; \{2^{16}, 3^{21}\})$	32614876800
6	$\mathcal{O}(3; \{2^{12}, 3^{24}\})$	260919294336
6	$\mathcal{O}(3; \{2^8, 3^{27}\})$	2087354074752
6	$\mathcal{O}(3; \{2^4, 3^{30}\})$	16698832877952
6	$\mathcal{O}(3; \{3^{33}\})$	131503308638310
6	$\mathcal{O}(3; \{2^{41}, 3, 6\})$	93312
6	$\mathcal{O}(3; \{2^{37}, 3^4, 6\})$	466560
6	$\mathcal{O}(3; \{2^{33}, 3^7, 6\})$	4012416
6	$\mathcal{O}(3; \{2^{29}, 3^{10}, 6\})$	31819392
6	$\mathcal{O}(3; \{2^{25}, 3^{13}, 6\})$	254835072
6	$\mathcal{O}(3; \{2^{21}, 3^{16}, 6\})$	2038400640
6	$\mathcal{O}(3; \{2^{17}, 3^{19}, 6\})$	16307485056
6	$\mathcal{O}(3; \{2^{13}, 3^{22}, 6\})$	130459600512
6	$\mathcal{O}(3; \{2^9, 3^{25}, 6\})$	1043677084032
6	$\mathcal{O}(3; \{2^5, 3^{28}, 6\})$	8349416392320
6	$\mathcal{O}(3; \{2, 3^{31}, 6\})$	66795331418496
6	$\mathcal{O}(3; \{2^{38}, 3^2, 6^2\})$	279936
6	$\mathcal{O}(3; \{2^{34}, 3^5, 6^2\})$	1959552
6	$\mathcal{O}(3; \{2^{30}, 3^8, 6^2\})$	15956352
6	$\mathcal{O}(3; \{2^{26}, 3^{11}, 6^2\})$	127370880
6	$\mathcal{O}(3; \{2^{22}, 3^{14}, 6^2\})$	1019246976
6	$\mathcal{O}(3; \{2^{18}, 3^{17}, 6^2\})$	8153695872
6	$\mathcal{O}(3; \{2^{14}, 3^{20}, 6^2\})$	65229846912
6	$\mathcal{O}(3; \{2^{10}, 3^{23}, 6^2\})$	521838495360
6	$\mathcal{O}(3; \{2^6, 3^{26}, 6^2\})$	4174708242816
6	$\mathcal{O}(3; \{2^2, 3^{29}, 6^2\})$	33397665662592
6	$\mathcal{O}(3; \{2^{39}, 6^3\})$	93312
6	$\mathcal{O}(3; \{2^{35}, 3^3, 6^3\})$	1026432
6	$\mathcal{O}(3; \{2^{31}, 3^6, 6^3\})$	7931520
6	$\mathcal{O}(3; \{2^{27}, 3^9, 6^3\})$	63732096
6	$\mathcal{O}(3; \{2^{23}, 3^{12}, 6^3\})$	509576832
6	$\mathcal{O}(3; \{2^{19}, 3^{15}, 6^3\})$	4076894592
6	$\mathcal{O}(3; \{2^{15}, 3^{18}, 6^3\})$	32614876800
6	$\mathcal{O}(3; \{2^{11}, 3^{21}, 6^3\})$	260919294336
6	$\mathcal{O}(3; \{2^7, 3^{24}, 6^3\})$	2087354074752
6	$\mathcal{O}(3; \{2^3, 3^{27}, 6^3\})$	16698832877952
6	$\mathcal{O}(3; \{2^{36}, 3, 6^4\})$	466560
6	$\mathcal{O}(3; \{2^{32}, 3^4, 6^4\})$	4012416
6	$\mathcal{O}(3; \{2^{28}, 3^7, 6^4\})$	31819392
6	$\mathcal{O}(3; \{2^{24}, 3^{10}, 6^4\})$	254835072

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{17}, 3^9, 6^9\})$	4076894592
6	$\mathcal{O}(3; \{2^{13}, 3^{12}, 6^9\})$	32614876800
6	$\mathcal{O}(3; \{2^9, 3^{15}, 6^9\})$	260919294336
6	$\mathcal{O}(3; \{2^5, 3^{18}, 6^9\})$	2087354074752
6	$\mathcal{O}(3; \{2, 3^{21}, 6^9\})$	16698832877952
6	$\mathcal{O}(3; \{2^{26}, 3, 6^{10}\})$	31819392
6	$\mathcal{O}(3; \{2^{22}, 3^4, 6^{10}\})$	254835072
6	$\mathcal{O}(3; \{2^{18}, 3^7, 6^{10}\})$	2038400640
6	$\mathcal{O}(3; \{2^{14}, 3^{10}, 6^{10}\})$	16307485056
6	$\mathcal{O}(3; \{2^{10}, 3^{13}, 6^{10}\})$	130459600512
6	$\mathcal{O}(3; \{2^6, 3^{16}, 6^{10}\})$	1043677084032
6	$\mathcal{O}(3; \{2^2, 3^{19}, 6^{10}\})$	8349416392320
6	$\mathcal{O}(3; \{2^{23}, 3^2, 6^{11}\})$	127370880
6	$\mathcal{O}(3; \{2^{19}, 3^5, 6^{11}\})$	1019246976
6	$\mathcal{O}(3; \{2^{15}, 3^8, 6^{11}\})$	8153695872
6	$\mathcal{O}(3; \{2^{11}, 3^{11}, 6^{11}\})$	65229846912
6	$\mathcal{O}(3; \{2^7, 3^{14}, 6^{11}\})$	521838495360
6	$\mathcal{O}(3; \{2^3, 3^{17}, 6^{11}\})$	4174708242816
6	$\mathcal{O}(3; \{2^{24}, 6^{12}\})$	63732096
6	$\mathcal{O}(3; \{2^{20}, 3^3, 6^{12}\})$	509576832
6	$\mathcal{O}(3; \{2^{16}, 3^6, 6^{12}\})$	4076894592
6	$\mathcal{O}(3; \{2^{12}, 3^9, 6^{12}\})$	32614876800
6	$\mathcal{O}(3; \{2^8, 3^{12}, 6^{12}\})$	260919294336
6	$\mathcal{O}(3; \{2^4, 3^{15}, 6^{12}\})$	2087354074752
6	$\mathcal{O}(3; \{3^{18}, 6^{12}\})$	16698832877952
6	$\mathcal{O}(3; \{2^{21}, 3, 6^{13}\})$	254835072
6	$\mathcal{O}(3; \{2^{17}, 3^4, 6^{13}\})$	2038400640
6	$\mathcal{O}(3; \{2^{13}, 3^7, 6^{13}\})$	16307485056
6	$\mathcal{O}(3; \{2^9, 3^{10}, 6^{13}\})$	130459600512
6	$\mathcal{O}(3; \{2^5, 3^{13}, 6^{13}\})$	1043677084032
6	$\mathcal{O}(3; \{2, 3^{16}, 6^{13}\})$	8349416392320
6	$\mathcal{O}(3; \{2^{18}, 3^2, 6^{14}\})$	1019246976
6	$\mathcal{O}(3; \{2^{14}, 3^5, 6^{14}\})$	8153695872
6	$\mathcal{O}(3; \{2^{10}, 3^8, 6^{14}\})$	65229846912
6	$\mathcal{O}(3; \{2^6, 3^{11}, 6^{14}\})$	521838495360
6	$\mathcal{O}(3; \{2^2, 3^{14}, 6^{14}\})$	4174708242816
6	$\mathcal{O}(3; \{2^{19}, 6^{15}\})$	509576832
6	$\mathcal{O}(3; \{2^{15}, 3^3, 6^{15}\})$	4076894592
6	$\mathcal{O}(3; \{2^{11}, 3^6, 6^{15}\})$	32614876800
6	$\mathcal{O}(3; \{2^7, 3^9, 6^{15}\})$	260919294336
6	$\mathcal{O}(3; \{2^3, 3^{12}, 6^{15}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{16}, 3, 6^{16}\})$	2038400640
6	$\mathcal{O}(3; \{2^{12}, 3^4, 6^{16}\})$	16307485056

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^8, 3^7, 6^{16}\})$	130459600512
6	$\mathcal{O}(3; \{2^4, 3^{10}, 6^{16}\})$	1043677084032
6	$\mathcal{O}(3; \{3^{13}, 6^{16}\})$	8349416392320
6	$\mathcal{O}(3; \{2^{13}, 3^2, 6^{17}\})$	8153695872
6	$\mathcal{O}(3; \{2^9, 3^5, 6^{17}\})$	65229846912
6	$\mathcal{O}(3; \{2^5, 3^8, 6^{17}\})$	521838495360
6	$\mathcal{O}(3; \{2, 3^{11}, 6^{17}\})$	4174708242816
6	$\mathcal{O}(3; \{2^{14}, 6^{18}\})$	4076894592
6	$\mathcal{O}(3; \{2^{10}, 3^3, 6^{18}\})$	32614876800
6	$\mathcal{O}(3; \{2^6, 3^6, 6^{18}\})$	260919294336
6	$\mathcal{O}(3; \{2^2, 3^9, 6^{18}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{11}, 3, 6^{19}\})$	16307485056
6	$\mathcal{O}(3; \{2^7, 3^4, 6^{19}\})$	130459600512
6	$\mathcal{O}(3; \{2^3, 3^7, 6^{19}\})$	1043677084032
6	$\mathcal{O}(3; \{2^8, 3^2, 6^{20}\})$	65229846912
6	$\mathcal{O}(3; \{2^4, 3^5, 6^{20}\})$	521838495360
6	$\mathcal{O}(3; \{3^8, 6^{20}\})$	4174708242816
6	$\mathcal{O}(3; \{2^9, 6^{21}\})$	32614876800
6	$\mathcal{O}(3; \{2^5, 3^3, 6^{21}\})$	260919294336
6	$\mathcal{O}(3; \{2, 3^6, 6^{21}\})$	2087354074752
6	$\mathcal{O}(3; \{2^6, 3, 6^{22}\})$	130459600512
6	$\mathcal{O}(3; \{2^2, 3^4, 6^{22}\})$	1043677084032
6	$\mathcal{O}(3; \{2^3, 3^2, 6^{23}\})$	521838495360
6	$\mathcal{O}(3; \{2^4, 6^{24}\})$	260919294336
6	$\mathcal{O}(3; \{3^3, 6^{24}\})$	2087354074752
6	$\mathcal{O}(3; \{2, 3, 6^{25}\})$	1043677084032
6	$\mathcal{O}(2; \{2^{48}\})$	1280
6	$\mathcal{O}(2; \{2^{44}, 3^3\})$	2592
6	$\mathcal{O}(2; \{2^{40}, 3^6\})$	28512
6	$\mathcal{O}(2; \{2^{36}, 3^9\})$	220320
6	$\mathcal{O}(2; \{2^{32}, 3^{12}\})$	1770336
6	$\mathcal{O}(2; \{2^{28}, 3^{15}\})$	14154912
6	$\mathcal{O}(2; \{2^{24}, 3^{18}\})$	113247072
6	$\mathcal{O}(2; \{2^{20}, 3^{21}\})$	905968800
6	$\mathcal{O}(2; \{2^{16}, 3^{24}\})$	7247758176
6	$\mathcal{O}(2; \{2^{12}, 3^{27}\})$	57982057632
6	$\mathcal{O}(2; \{2^8, 3^{30}\})$	463856468832
6	$\mathcal{O}(2; \{2^4, 3^{33}\})$	3710851742880
6	$\mathcal{O}(2; \{3^{36}\})$	27831388078890
6	$\mathcal{O}(2; \{2^{45}, 3, 6\})$	2592
6	$\mathcal{O}(2; \{2^{41}, 3^4, 6\})$	12960
6	$\mathcal{O}(2; \{2^{37}, 3^7, 6\})$	111456
6	$\mathcal{O}(2; \{2^{33}, 3^{10}, 6\})$	883872

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^5, 3^{21}, 6^9\})$	463856468832
6	$\mathcal{O}(2; \{2, 3^{24}, 6^9\})$	3710851742880
6	$\mathcal{O}(2; \{2^{30}, 3, 6^{10}\})$	883872
6	$\mathcal{O}(2; \{2^{26}, 3^4, 6^{10}\})$	7078752
6	$\mathcal{O}(2; \{2^{22}, 3^7, 6^{10}\})$	56622240
6	$\mathcal{O}(2; \{2^{18}, 3^{10}, 6^{10}\})$	452985696
6	$\mathcal{O}(2; \{2^{14}, 3^{13}, 6^{10}\})$	3623877792
6	$\mathcal{O}(2; \{2^{10}, 3^{16}, 6^{10}\})$	28991030112
6	$\mathcal{O}(2; \{2^6, 3^{19}, 6^{10}\})$	231928233120
6	$\mathcal{O}(2; \{2^2, 3^{22}, 6^{10}\})$	1855425872736
6	$\mathcal{O}(2; \{2^{27}, 3^2, 6^{11}\})$	3538080
6	$\mathcal{O}(2; \{2^{23}, 3^5, 6^{11}\})$	28312416
6	$\mathcal{O}(2; \{2^{19}, 3^8, 6^{11}\})$	226491552
6	$\mathcal{O}(2; \{2^{15}, 3^{11}, 6^{11}\})$	1811940192
6	$\mathcal{O}(2; \{2^{11}, 3^{14}, 6^{11}\})$	14495513760
6	$\mathcal{O}(2; \{2^7, 3^{17}, 6^{11}\})$	115964117856
6	$\mathcal{O}(2; \{2^3, 3^{20}, 6^{11}\})$	927712935072
6	$\mathcal{O}(2; \{2^{28}, 6^{12}\})$	1770336
6	$\mathcal{O}(2; \{2^{24}, 3^3, 6^{12}\})$	14154912
6	$\mathcal{O}(2; \{2^{20}, 3^6, 6^{12}\})$	113247072
6	$\mathcal{O}(2; \{2^{16}, 3^9, 6^{12}\})$	905968800
6	$\mathcal{O}(2; \{2^{12}, 3^{12}, 6^{12}\})$	7247758176
6	$\mathcal{O}(2; \{2^8, 3^{15}, 6^{12}\})$	57982057632
6	$\mathcal{O}(2; \{2^4, 3^{18}, 6^{12}\})$	463856468832
6	$\mathcal{O}(2; \{3^{21}, 6^{12}\})$	3710851742880
6	$\mathcal{O}(2; \{2^{25}, 3, 6^{13}\})$	7078752
6	$\mathcal{O}(2; \{2^{21}, 3^4, 6^{13}\})$	56622240
6	$\mathcal{O}(2; \{2^{17}, 3^7, 6^{13}\})$	452985696
6	$\mathcal{O}(2; \{2^{13}, 3^{10}, 6^{13}\})$	3623877792
6	$\mathcal{O}(2; \{2^9, 3^{13}, 6^{13}\})$	28991030112
6	$\mathcal{O}(2; \{2^5, 3^{16}, 6^{13}\})$	231928233120
6	$\mathcal{O}(2; \{2, 3^{19}, 6^{13}\})$	1855425872736
6	$\mathcal{O}(2; \{2^{22}, 3^2, 6^{14}\})$	28312416
6	$\mathcal{O}(2; \{2^{18}, 3^5, 6^{14}\})$	226491552
6	$\mathcal{O}(2; \{2^{14}, 3^8, 6^{14}\})$	1811940192
6	$\mathcal{O}(2; \{2^{10}, 3^{11}, 6^{14}\})$	14495513760
6	$\mathcal{O}(2; \{2^6, 3^{14}, 6^{14}\})$	115964117856
6	$\mathcal{O}(2; \{2^2, 3^{17}, 6^{14}\})$	927712935072
6	$\mathcal{O}(2; \{2^{23}, 6^{15}\})$	14154912
6	$\mathcal{O}(2; \{2^{19}, 3^3, 6^{15}\})$	113247072
6	$\mathcal{O}(2; \{2^{15}, 3^6, 6^{15}\})$	905968800
6	$\mathcal{O}(2; \{2^{11}, 3^9, 6^{15}\})$	7247758176
6	$\mathcal{O}(2; \{2^7, 3^{12}, 6^{15}\})$	57982057632

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^3, 3^{15}, 6^{15}\})$	463856468832
6	$\mathcal{O}(2; \{2^{20}, 3, 6^{16}\})$	56622240
6	$\mathcal{O}(2; \{2^{16}, 3^4, 6^{16}\})$	452985696
6	$\mathcal{O}(2; \{2^{12}, 3^7, 6^{16}\})$	3623877792
6	$\mathcal{O}(2; \{2^8, 3^{10}, 6^{16}\})$	28991030112
6	$\mathcal{O}(2; \{2^4, 3^{13}, 6^{16}\})$	231928233120
6	$\mathcal{O}(2; \{3^{16}, 6^{16}\})$	1855425872736
6	$\mathcal{O}(2; \{2^{17}, 3^2, 6^{17}\})$	226491552
6	$\mathcal{O}(2; \{2^{13}, 3^5, 6^{17}\})$	1811940192
6	$\mathcal{O}(2; \{2^9, 3^8, 6^{17}\})$	14495513760
6	$\mathcal{O}(2; \{2^5, 3^{11}, 6^{17}\})$	115964117856
6	$\mathcal{O}(2; \{2, 3^{14}, 6^{17}\})$	927712935072
6	$\mathcal{O}(2; \{2^{18}, 6^{18}\})$	113247072
6	$\mathcal{O}(2; \{2^{14}, 3^3, 6^{18}\})$	905968800
6	$\mathcal{O}(2; \{2^{10}, 3^6, 6^{18}\})$	7247758176
6	$\mathcal{O}(2; \{2^6, 3^9, 6^{18}\})$	57982057632
6	$\mathcal{O}(2; \{2^2, 3^{12}, 6^{18}\})$	463856468832
6	$\mathcal{O}(2; \{2^{15}, 3, 6^{19}\})$	452985696
6	$\mathcal{O}(2; \{2^{11}, 3^4, 6^{19}\})$	3623877792
6	$\mathcal{O}(2; \{2^7, 3^7, 6^{19}\})$	28991030112
6	$\mathcal{O}(2; \{2^3, 3^{10}, 6^{19}\})$	231928233120
6	$\mathcal{O}(2; \{2^{12}, 3^2, 6^{20}\})$	1811940192
6	$\mathcal{O}(2; \{2^8, 3^5, 6^{20}\})$	14495513760
6	$\mathcal{O}(2; \{2^4, 3^8, 6^{20}\})$	115964117856
6	$\mathcal{O}(2; \{3^{11}, 6^{20}\})$	927712935072
6	$\mathcal{O}(2; \{2^{13}, 6^{21}\})$	905968800
6	$\mathcal{O}(2; \{2^9, 3^3, 6^{21}\})$	7247758176
6	$\mathcal{O}(2; \{2^5, 3^6, 6^{21}\})$	57982057632
6	$\mathcal{O}(2; \{2, 3^9, 6^{21}\})$	463856468832
6	$\mathcal{O}(2; \{2^{10}, 3, 6^{22}\})$	3623877792
6	$\mathcal{O}(2; \{2^6, 3^4, 6^{22}\})$	28991030112
6	$\mathcal{O}(2; \{2^2, 3^7, 6^{22}\})$	231928233120
6	$\mathcal{O}(2; \{2^7, 3^2, 6^{23}\})$	14495513760
6	$\mathcal{O}(2; \{2^3, 3^5, 6^{23}\})$	115964117856
6	$\mathcal{O}(2; \{2^8, 6^{24}\})$	7247758176
6	$\mathcal{O}(2; \{2^4, 3^3, 6^{24}\})$	57982057632
6	$\mathcal{O}(2; \{3^6, 6^{24}\})$	463856468832
6	$\mathcal{O}(2; \{2^5, 3, 6^{25}\})$	28991030112
6	$\mathcal{O}(2; \{2, 3^4, 6^{25}\})$	231928233120
6	$\mathcal{O}(2; \{2^2, 3^2, 6^{26}\})$	115964117856
6	$\mathcal{O}(2; \{2^3, 6^{27}\})$	57982057632
6	$\mathcal{O}(2; \{3, 6^{28}\})$	231928233120
6	$\mathcal{O}(1; \{2^{52}\})$	32

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{48}, 3^3\})$	72
6	$\mathcal{O}(1; \{2^{44}, 3^6\})$	792
6	$\mathcal{O}(1; \{2^{40}, 3^9\})$	6120
6	$\mathcal{O}(1; \{2^{36}, 3^{12}\})$	49176
6	$\mathcal{O}(1; \{2^{32}, 3^{15}\})$	393192
6	$\mathcal{O}(1; \{2^{28}, 3^{18}\})$	3145752
6	$\mathcal{O}(1; \{2^{24}, 3^{21}\})$	25165800
6	$\mathcal{O}(1; \{2^{20}, 3^{24}\})$	201326616
6	$\mathcal{O}(1; \{2^{16}, 3^{27}\})$	1610612712
6	$\mathcal{O}(1; \{2^{12}, 3^{30}\})$	12884901912
6	$\mathcal{O}(1; \{2^8, 3^{33}\})$	103079215080
6	$\mathcal{O}(1; \{2^4, 3^{36}\})$	824633720856
6	$\mathcal{O}(1; \{3^{39}\})$	4947802324974
6	$\mathcal{O}(1; \{2^{49}, 3, 6\})$	72
6	$\mathcal{O}(1; \{2^{45}, 3^4, 6\})$	360
6	$\mathcal{O}(1; \{2^{41}, 3^7, 6\})$	3096
6	$\mathcal{O}(1; \{2^{37}, 3^{10}, 6\})$	24552
6	$\mathcal{O}(1; \{2^{33}, 3^{13}, 6\})$	196632
6	$\mathcal{O}(1; \{2^{29}, 3^{16}, 6\})$	1572840
6	$\mathcal{O}(1; \{2^{25}, 3^{19}, 6\})$	12582936
6	$\mathcal{O}(1; \{2^{21}, 3^{22}, 6\})$	100663272
6	$\mathcal{O}(1; \{2^{17}, 3^{25}, 6\})$	805306392
6	$\mathcal{O}(1; \{2^{13}, 3^{28}, 6\})$	6442450920
6	$\mathcal{O}(1; \{2^9, 3^{31}, 6\})$	51539607576
6	$\mathcal{O}(1; \{2^5, 3^{34}, 6\})$	412316860392
6	$\mathcal{O}(1; \{2, 3^{37}, 6\})$	3298534883352
6	$\mathcal{O}(1; \{2^{46}, 3^2, 6^2\})$	216
6	$\mathcal{O}(1; \{2^{42}, 3^5, 6^2\})$	1512
6	$\mathcal{O}(1; \{2^{38}, 3^8, 6^2\})$	12312
6	$\mathcal{O}(1; \{2^{34}, 3^{11}, 6^2\})$	98280
6	$\mathcal{O}(1; \{2^{30}, 3^{14}, 6^2\})$	786456
6	$\mathcal{O}(1; \{2^{26}, 3^{17}, 6^2\})$	6291432
6	$\mathcal{O}(1; \{2^{22}, 3^{20}, 6^2\})$	50331672
6	$\mathcal{O}(1; \{2^{18}, 3^{23}, 6^2\})$	402653160
6	$\mathcal{O}(1; \{2^{14}, 3^{26}, 6^2\})$	3221225496
6	$\mathcal{O}(1; \{2^{10}, 3^{29}, 6^2\})$	25769803752
6	$\mathcal{O}(1; \{2^6, 3^{32}, 6^2\})$	206158430232
6	$\mathcal{O}(1; \{2^2, 3^{35}, 6^2\})$	1649267441640
6	$\mathcal{O}(1; \{2^{47}, 6^3\})$	72
6	$\mathcal{O}(1; \{2^{43}, 3^3, 6^3\})$	792
6	$\mathcal{O}(1; \{2^{39}, 3^6, 6^3\})$	6120
6	$\mathcal{O}(1; \{2^{35}, 3^9, 6^3\})$	49176
6	$\mathcal{O}(1; \{2^{31}, 3^{12}, 6^3\})$	393192

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^7, 3^{20}, 6^{11}\})$	25769803752
6	$\mathcal{O}(1; \{2^3, 3^{23}, 6^{11}\})$	206158430232
6	$\mathcal{O}(1; \{2^{32}, 6^{12}\})$	49176
6	$\mathcal{O}(1; \{2^{28}, 3^3, 6^{12}\})$	393192
6	$\mathcal{O}(1; \{2^{24}, 3^6, 6^{12}\})$	3145752
6	$\mathcal{O}(1; \{2^{20}, 3^9, 6^{12}\})$	25165800
6	$\mathcal{O}(1; \{2^{16}, 3^{12}, 6^{12}\})$	201326616
6	$\mathcal{O}(1; \{2^{12}, 3^{15}, 6^{12}\})$	1610612712
6	$\mathcal{O}(1; \{2^8, 3^{18}, 6^{12}\})$	12884901912
6	$\mathcal{O}(1; \{2^4, 3^{21}, 6^{12}\})$	103079215080
6	$\mathcal{O}(1; \{3^{24}, 6^{12}\})$	824633720856
6	$\mathcal{O}(1; \{2^{29}, 3, 6^{13}\})$	196632
6	$\mathcal{O}(1; \{2^{25}, 3^4, 6^{13}\})$	1572840
6	$\mathcal{O}(1; \{2^{21}, 3^7, 6^{13}\})$	12582936
6	$\mathcal{O}(1; \{2^{17}, 3^{10}, 6^{13}\})$	100663272
6	$\mathcal{O}(1; \{2^{13}, 3^{13}, 6^{13}\})$	805306392
6	$\mathcal{O}(1; \{2^9, 3^{16}, 6^{13}\})$	6442450920
6	$\mathcal{O}(1; \{2^5, 3^{19}, 6^{13}\})$	51539607576
6	$\mathcal{O}(1; \{2, 3^{22}, 6^{13}\})$	412316860392
6	$\mathcal{O}(1; \{2^{26}, 3^2, 6^{14}\})$	786456
6	$\mathcal{O}(1; \{2^{22}, 3^5, 6^{14}\})$	6291432
6	$\mathcal{O}(1; \{2^{18}, 3^8, 6^{14}\})$	50331672
6	$\mathcal{O}(1; \{2^{14}, 3^{11}, 6^{14}\})$	402653160
6	$\mathcal{O}(1; \{2^{10}, 3^{14}, 6^{14}\})$	3221225496
6	$\mathcal{O}(1; \{2^6, 3^{17}, 6^{14}\})$	25769803752
6	$\mathcal{O}(1; \{2^2, 3^{20}, 6^{14}\})$	206158430232
6	$\mathcal{O}(1; \{2^{27}, 6^{15}\})$	393192
6	$\mathcal{O}(1; \{2^{23}, 3^3, 6^{15}\})$	3145752
6	$\mathcal{O}(1; \{2^{19}, 3^6, 6^{15}\})$	25165800
6	$\mathcal{O}(1; \{2^{15}, 3^9, 6^{15}\})$	201326616
6	$\mathcal{O}(1; \{2^{11}, 3^{12}, 6^{15}\})$	1610612712
6	$\mathcal{O}(1; \{2^7, 3^{15}, 6^{15}\})$	12884901912
6	$\mathcal{O}(1; \{2^3, 3^{18}, 6^{15}\})$	103079215080
6	$\mathcal{O}(1; \{2^{24}, 3, 6^{16}\})$	1572840
6	$\mathcal{O}(1; \{2^{20}, 3^4, 6^{16}\})$	12582936
6	$\mathcal{O}(1; \{2^{16}, 3^7, 6^{16}\})$	100663272
6	$\mathcal{O}(1; \{2^{12}, 3^{10}, 6^{16}\})$	805306392
6	$\mathcal{O}(1; \{2^8, 3^{13}, 6^{16}\})$	6442450920
6	$\mathcal{O}(1; \{2^4, 3^{16}, 6^{16}\})$	51539607576
6	$\mathcal{O}(1; \{3^{19}, 6^{16}\})$	412316860392
6	$\mathcal{O}(1; \{2^{21}, 3^2, 6^{17}\})$	6291432
6	$\mathcal{O}(1; \{2^{17}, 3^5, 6^{17}\})$	50331672
6	$\mathcal{O}(1; \{2^{13}, 3^8, 6^{17}\})$	402653160

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{3^4, 6^{28}\})$	51539607576
6	$\mathcal{O}(1; \{2, 3^2, 6^{29}\})$	25769803752
6	$\mathcal{O}(1; \{2^2, 6^{30}\})$	12884901912
6	$\mathcal{O}(0; \{2^{52}, 3^3\})$	2
6	$\mathcal{O}(0; \{2^{48}, 3^6\})$	22
6	$\mathcal{O}(0; \{2^{44}, 3^9\})$	170
6	$\mathcal{O}(0; \{2^{40}, 3^{12}\})$	1366
6	$\mathcal{O}(0; \{2^{36}, 3^{15}\})$	10922
6	$\mathcal{O}(0; \{2^{32}, 3^{18}\})$	87382
6	$\mathcal{O}(0; \{2^{28}, 3^{21}\})$	699050
6	$\mathcal{O}(0; \{2^{24}, 3^{24}\})$	5592406
6	$\mathcal{O}(0; \{2^{20}, 3^{27}\})$	44739242
6	$\mathcal{O}(0; \{2^{16}, 3^{30}\})$	357913942
6	$\mathcal{O}(0; \{2^{12}, 3^{33}\})$	2863311530
6	$\mathcal{O}(0; \{2^8, 3^{36}\})$	22906492246
6	$\mathcal{O}(0; \{2^4, 3^{39}\})$	183251937962
6	$\mathcal{O}(0; \{2^{53}, 3, 6\})$	2
6	$\mathcal{O}(0; \{2^{49}, 3^4, 6\})$	10
6	$\mathcal{O}(0; \{2^{45}, 3^7, 6\})$	86
6	$\mathcal{O}(0; \{2^{41}, 3^{10}, 6\})$	682
6	$\mathcal{O}(0; \{2^{37}, 3^{13}, 6\})$	5462
6	$\mathcal{O}(0; \{2^{33}, 3^{16}, 6\})$	43690
6	$\mathcal{O}(0; \{2^{29}, 3^{19}, 6\})$	349526
6	$\mathcal{O}(0; \{2^{25}, 3^{22}, 6\})$	2796202
6	$\mathcal{O}(0; \{2^{21}, 3^{25}, 6\})$	22369622
6	$\mathcal{O}(0; \{2^{17}, 3^{28}, 6\})$	178956970
6	$\mathcal{O}(0; \{2^{13}, 3^{31}, 6\})$	1431655766
6	$\mathcal{O}(0; \{2^9, 3^{34}, 6\})$	11453246122
6	$\mathcal{O}(0; \{2^5, 3^{37}, 6\})$	91625968982
6	$\mathcal{O}(0; \{2, 3^{40}, 6\})$	733007751850
6	$\mathcal{O}(0; \{2^{50}, 3^2, 6^2\})$	6
6	$\mathcal{O}(0; \{2^{46}, 3^5, 6^2\})$	42
6	$\mathcal{O}(0; \{2^{42}, 3^8, 6^2\})$	342
6	$\mathcal{O}(0; \{2^{38}, 3^{11}, 6^2\})$	2730
6	$\mathcal{O}(0; \{2^{34}, 3^{14}, 6^2\})$	21846
6	$\mathcal{O}(0; \{2^{30}, 3^{17}, 6^2\})$	174762
6	$\mathcal{O}(0; \{2^{26}, 3^{20}, 6^2\})$	1398102
6	$\mathcal{O}(0; \{2^{22}, 3^{23}, 6^2\})$	11184810
6	$\mathcal{O}(0; \{2^{18}, 3^{26}, 6^2\})$	89478486
6	$\mathcal{O}(0; \{2^{14}, 3^{29}, 6^2\})$	715827882
6	$\mathcal{O}(0; \{2^{10}, 3^{32}, 6^2\})$	5726623062
6	$\mathcal{O}(0; \{2^6, 3^{35}, 6^2\})$	45812984490
6	$\mathcal{O}(0; \{2^2, 3^{38}, 6^2\})$	366503875926

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{51}, 6^3\})$	2
6	$\mathcal{O}(0; \{2^{47}, 3^3, 6^3\})$	22
6	$\mathcal{O}(0; \{2^{43}, 3^6, 6^3\})$	170
6	$\mathcal{O}(0; \{2^{39}, 3^9, 6^3\})$	1366
6	$\mathcal{O}(0; \{2^{35}, 3^{12}, 6^3\})$	10922
6	$\mathcal{O}(0; \{2^{31}, 3^{15}, 6^3\})$	87382
6	$\mathcal{O}(0; \{2^{27}, 3^{18}, 6^3\})$	699050
6	$\mathcal{O}(0; \{2^{23}, 3^{21}, 6^3\})$	5592406
6	$\mathcal{O}(0; \{2^{19}, 3^{24}, 6^3\})$	44739242
6	$\mathcal{O}(0; \{2^{15}, 3^{27}, 6^3\})$	357913942
6	$\mathcal{O}(0; \{2^{11}, 3^{30}, 6^3\})$	2863311530
6	$\mathcal{O}(0; \{2^7, 3^{33}, 6^3\})$	22906492246
6	$\mathcal{O}(0; \{2^3, 3^{36}, 6^3\})$	183251937962
6	$\mathcal{O}(0; \{2^{48}, 3, 6^4\})$	10
6	$\mathcal{O}(0; \{2^{44}, 3^4, 6^4\})$	86
6	$\mathcal{O}(0; \{2^{40}, 3^7, 6^4\})$	682
6	$\mathcal{O}(0; \{2^{36}, 3^{10}, 6^4\})$	5462
6	$\mathcal{O}(0; \{2^{32}, 3^{13}, 6^4\})$	43690
6	$\mathcal{O}(0; \{2^{28}, 3^{16}, 6^4\})$	349526
6	$\mathcal{O}(0; \{2^{24}, 3^{19}, 6^4\})$	2796202
6	$\mathcal{O}(0; \{2^{20}, 3^{22}, 6^4\})$	22369622
6	$\mathcal{O}(0; \{2^{16}, 3^{25}, 6^4\})$	178956970
6	$\mathcal{O}(0; \{2^{12}, 3^{28}, 6^4\})$	1431655766
6	$\mathcal{O}(0; \{2^8, 3^{31}, 6^4\})$	11453246122
6	$\mathcal{O}(0; \{2^4, 3^{34}, 6^4\})$	91625968982
6	$\mathcal{O}(0; \{3^{37}, 6^4\})$	733007751850
6	$\mathcal{O}(0; \{2^{45}, 3^2, 6^5\})$	42
6	$\mathcal{O}(0; \{2^{41}, 3^5, 6^5\})$	342
6	$\mathcal{O}(0; \{2^{37}, 3^8, 6^5\})$	2730
6	$\mathcal{O}(0; \{2^{33}, 3^{11}, 6^5\})$	21846
6	$\mathcal{O}(0; \{2^{29}, 3^{14}, 6^5\})$	174762
6	$\mathcal{O}(0; \{2^{25}, 3^{17}, 6^5\})$	1398102
6	$\mathcal{O}(0; \{2^{21}, 3^{20}, 6^5\})$	11184810
6	$\mathcal{O}(0; \{2^{17}, 3^{23}, 6^5\})$	89478486
6	$\mathcal{O}(0; \{2^{13}, 3^{26}, 6^5\})$	715827882
6	$\mathcal{O}(0; \{2^9, 3^{29}, 6^5\})$	5726623062
6	$\mathcal{O}(0; \{2^5, 3^{32}, 6^5\})$	45812984490
6	$\mathcal{O}(0; \{2, 3^{35}, 6^5\})$	366503875926
6	$\mathcal{O}(0; \{2^{46}, 6^6\})$	22
6	$\mathcal{O}(0; \{2^{42}, 3^3, 6^6\})$	170
6	$\mathcal{O}(0; \{2^{38}, 3^6, 6^6\})$	1366
6	$\mathcal{O}(0; \{2^{34}, 3^9, 6^6\})$	10922
6	$\mathcal{O}(0; \{2^{30}, 3^{12}, 6^6\})$	87382

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{17}, 3^3, 6^{21}\})$	5592406
6	$\mathcal{O}(0; \{2^{13}, 3^6, 6^{21}\})$	44739242
6	$\mathcal{O}(0; \{2^9, 3^9, 6^{21}\})$	357913942
6	$\mathcal{O}(0; \{2^5, 3^{12}, 6^{21}\})$	2863311530
6	$\mathcal{O}(0; \{2, 3^{15}, 6^{21}\})$	22906492246
6	$\mathcal{O}(0; \{2^{18}, 3, 6^{22}\})$	2796202
6	$\mathcal{O}(0; \{2^{14}, 3^4, 6^{22}\})$	22369622
6	$\mathcal{O}(0; \{2^{10}, 3^7, 6^{22}\})$	178956970
6	$\mathcal{O}(0; \{2^6, 3^{10}, 6^{22}\})$	1431655766
6	$\mathcal{O}(0; \{2^2, 3^{13}, 6^{22}\})$	11453246122
6	$\mathcal{O}(0; \{2^{15}, 3^2, 6^{23}\})$	11184810
6	$\mathcal{O}(0; \{2^{11}, 3^5, 6^{23}\})$	89478486
6	$\mathcal{O}(0; \{2^7, 3^8, 6^{23}\})$	715827882
6	$\mathcal{O}(0; \{2^3, 3^{11}, 6^{23}\})$	5726623062
6	$\mathcal{O}(0; \{2^{16}, 6^{24}\})$	5592406
6	$\mathcal{O}(0; \{2^{12}, 3^3, 6^{24}\})$	44739242
6	$\mathcal{O}(0; \{2^8, 3^6, 6^{24}\})$	357913942
6	$\mathcal{O}(0; \{2^4, 3^9, 6^{24}\})$	2863311530
6	$\mathcal{O}(0; \{3^{12}, 6^{24}\})$	22906492246
6	$\mathcal{O}(0; \{2^{13}, 3, 6^{25}\})$	22369622
6	$\mathcal{O}(0; \{2^9, 3^4, 6^{25}\})$	178956970
6	$\mathcal{O}(0; \{2^5, 3^7, 6^{25}\})$	1431655766
6	$\mathcal{O}(0; \{2, 3^{10}, 6^{25}\})$	11453246122
6	$\mathcal{O}(0; \{2^{10}, 3^2, 6^{26}\})$	89478486
6	$\mathcal{O}(0; \{2^6, 3^5, 6^{26}\})$	715827882
6	$\mathcal{O}(0; \{2^2, 3^8, 6^{26}\})$	5726623062
6	$\mathcal{O}(0; \{2^{11}, 6^{27}\})$	44739242
6	$\mathcal{O}(0; \{2^7, 3^3, 6^{27}\})$	357913942
6	$\mathcal{O}(0; \{2^3, 3^6, 6^{27}\})$	2863311530
6	$\mathcal{O}(0; \{2^8, 3, 6^{28}\})$	178956970
6	$\mathcal{O}(0; \{2^4, 3^4, 6^{28}\})$	1431655766
6	$\mathcal{O}(0; \{3^7, 6^{28}\})$	11453246122
6	$\mathcal{O}(0; \{2^5, 3^2, 6^{29}\})$	715827882
6	$\mathcal{O}(0; \{2, 3^5, 6^{29}\})$	5726623062
6	$\mathcal{O}(0; \{2^6, 6^{30}\})$	357913942
6	$\mathcal{O}(0; \{2^2, 3^3, 6^{30}\})$	2863311530
6	$\mathcal{O}(0; \{2^3, 3, 6^{31}\})$	1431655766
6	$\mathcal{O}(0; \{3^2, 6^{32}\})$	5726623062
6	$\mathcal{O}(0; \{2, 6^{33}\})$	2863311530
7	$\mathcal{O}(10; \{7^5\})$	88569415590349321110
7	$\mathcal{O}(7; \{7^{12}\})$	210906286987811833194
7	$\mathcal{O}(4; \{7^{19}\})$	501833948367458966070
7	$\mathcal{O}(1; \{7^{26}\})$	1194072097257047457834

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(10; \{4^2\})$	2305840810190438400
8	$\mathcal{O}(9; \{2^4, 4^2\})$	36028659580010496
8	$\mathcal{O}(9; \{2, 4^4\})$	144114638320041984
8	$\mathcal{O}(9; \{2^2, 4, 8^2\})$	144115188075855872
8	$\mathcal{O}(9; \{8^4\})$	1152921504606846976
8	$\mathcal{O}(8; \{2^8, 4^2\})$	562941363486720
8	$\mathcal{O}(8; \{2^5, 4^4\})$	2251765453946880
8	$\mathcal{O}(8; \{2^2, 4^6\})$	9007061815787520
8	$\mathcal{O}(8; \{2^6, 4, 8^2\})$	2251799813685248
8	$\mathcal{O}(8; \{2^3, 4^3, 8^2\})$	9007199254740992
8	$\mathcal{O}(8; \{4^5, 8^2\})$	36028797018963968
8	$\mathcal{O}(8; \{2^4, 8^4\})$	18014398509481984
8	$\mathcal{O}(8; \{2, 4^2, 8^4\})$	72057594037927936
8	$\mathcal{O}(7; \{2^{12}, 4^2\})$	8795556151296
8	$\mathcal{O}(7; \{2^9, 4^4\})$	35182224605184
8	$\mathcal{O}(7; \{2^6, 4^6\})$	140728898420736
8	$\mathcal{O}(7; \{2^3, 4^8\})$	562915593682944
8	$\mathcal{O}(7; \{4^{10}\})$	2251662374731776
8	$\mathcal{O}(7; \{2^{10}, 4, 8^2\})$	35184372088832
8	$\mathcal{O}(7; \{2^7, 4^3, 8^2\})$	140737488355328
8	$\mathcal{O}(7; \{2^4, 4^5, 8^2\})$	562949953421312
8	$\mathcal{O}(7; \{2, 4^7, 8^2\})$	2251799813685248
8	$\mathcal{O}(7; \{2^8, 8^4\})$	281474976710656
8	$\mathcal{O}(7; \{2^5, 4^2, 8^4\})$	1125899906842624
8	$\mathcal{O}(7; \{2^2, 4^4, 8^4\})$	4503599627370496
8	$\mathcal{O}(7; \{2^3, 4, 8^6\})$	9007199254740992
8	$\mathcal{O}(7; \{4^3, 8^6\})$	36028797018963968
8	$\mathcal{O}(7; \{2, 8^8\})$	72057594037927936
8	$\mathcal{O}(6; \{2^{16}, 4^2\})$	137405399040
8	$\mathcal{O}(6; \{2^{13}, 4^4\})$	549621596160
8	$\mathcal{O}(6; \{2^{10}, 4^6\})$	2198486384640
8	$\mathcal{O}(6; \{2^7, 4^8\})$	8793945538560
8	$\mathcal{O}(6; \{2^4, 4^{10}\})$	35175782154240
8	$\mathcal{O}(6; \{2, 4^{12}\})$	140703128616960
8	$\mathcal{O}(6; \{2^{14}, 4, 8^2\})$	549755813888
8	$\mathcal{O}(6; \{2^{11}, 4^3, 8^2\})$	2199023255552
8	$\mathcal{O}(6; \{2^8, 4^5, 8^2\})$	8796093022208
8	$\mathcal{O}(6; \{2^5, 4^7, 8^2\})$	35184372088832
8	$\mathcal{O}(6; \{2^2, 4^9, 8^2\})$	140737488355328
8	$\mathcal{O}(6; \{2^{12}, 8^4\})$	4398046511104
8	$\mathcal{O}(6; \{2^9, 4^2, 8^4\})$	17592186044416
8	$\mathcal{O}(6; \{2^6, 4^4, 8^4\})$	70368744177664
8	$\mathcal{O}(6; \{2^3, 4^6, 8^4\})$	281474976710656

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(6; \{4^8, 8^4\})$	1125899906842624
8	$\mathcal{O}(6; \{2^7, 4, 8^6\})$	140737488355328
8	$\mathcal{O}(6; \{2^4, 4^3, 8^6\})$	562949953421312
8	$\mathcal{O}(6; \{2, 4^5, 8^6\})$	2251799813685248
8	$\mathcal{O}(6; \{2^5, 8^8\})$	1125899906842624
8	$\mathcal{O}(6; \{2^2, 4^2, 8^8\})$	4503599627370496
8	$\mathcal{O}(6; \{4, 8^{10}\})$	36028797018963968
8	$\mathcal{O}(5; \{2^{20}, 4^2\})$	2145386496
8	$\mathcal{O}(5; \{2^{17}, 4^4\})$	8581545984
8	$\mathcal{O}(5; \{2^{14}, 4^6\})$	34326183936
8	$\mathcal{O}(5; \{2^{11}, 4^8\})$	137304735744
8	$\mathcal{O}(5; \{2^8, 4^{10}\})$	549218942976
8	$\mathcal{O}(5; \{2^5, 4^{12}\})$	2196875771904
8	$\mathcal{O}(5; \{2^2, 4^{14}\})$	8787503087616
8	$\mathcal{O}(5; \{2^{18}, 4, 8^2\})$	8589934592
8	$\mathcal{O}(5; \{2^{15}, 4^3, 8^2\})$	34359738368
8	$\mathcal{O}(5; \{2^{12}, 4^5, 8^2\})$	137438953472
8	$\mathcal{O}(5; \{2^9, 4^7, 8^2\})$	549755813888
8	$\mathcal{O}(5; \{2^6, 4^9, 8^2\})$	2199023255552
8	$\mathcal{O}(5; \{2^3, 4^{11}, 8^2\})$	8796093022208
8	$\mathcal{O}(5; \{4^{13}, 8^2\})$	35184372088832
8	$\mathcal{O}(5; \{2^{16}, 8^4\})$	68719476736
8	$\mathcal{O}(5; \{2^{13}, 4^2, 8^4\})$	274877906944
8	$\mathcal{O}(5; \{2^{10}, 4^4, 8^4\})$	1099511627776
8	$\mathcal{O}(5; \{2^7, 4^6, 8^4\})$	4398046511104
8	$\mathcal{O}(5; \{2^4, 4^8, 8^4\})$	17592186044416
8	$\mathcal{O}(5; \{2, 4^{10}, 8^4\})$	70368744177664
8	$\mathcal{O}(5; \{2^{11}, 4, 8^6\})$	2199023255552
8	$\mathcal{O}(5; \{2^8, 4^3, 8^6\})$	8796093022208
8	$\mathcal{O}(5; \{2^5, 4^5, 8^6\})$	35184372088832
8	$\mathcal{O}(5; \{2^2, 4^7, 8^6\})$	140737488355328
8	$\mathcal{O}(5; \{2^9, 8^8\})$	17592186044416
8	$\mathcal{O}(5; \{2^6, 4^2, 8^8\})$	70368744177664
8	$\mathcal{O}(5; \{2^3, 4^4, 8^8\})$	281474976710656
8	$\mathcal{O}(5; \{4^6, 8^8\})$	1125899906842624
8	$\mathcal{O}(5; \{2^4, 4, 8^{10}\})$	562949953421312
8	$\mathcal{O}(5; \{2, 4^3, 8^{10}\})$	2251799813685248
8	$\mathcal{O}(5; \{2^2, 8^{12}\})$	4503599627370496
8	$\mathcal{O}(4; \{2^{24}, 4^2\})$	33423360
8	$\mathcal{O}(4; \{2^{21}, 4^4\})$	133693440
8	$\mathcal{O}(4; \{2^{18}, 4^6\})$	534773760
8	$\mathcal{O}(4; \{2^{15}, 4^8\})$	2139095040
8	$\mathcal{O}(4; \{2^{12}, 4^{10}\})$	8556380160

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{2^9, 4^{12}\})$	34225520640
8	$\mathcal{O}(4; \{2^6, 4^{14}\})$	136902082560
8	$\mathcal{O}(4; \{2^3, 4^{16}\})$	547608330240
8	$\mathcal{O}(4; \{4^{18}\})$	2190433320960
8	$\mathcal{O}(4; \{2^{22}, 4, 8^2\})$	134217728
8	$\mathcal{O}(4; \{2^{19}, 4^3, 8^2\})$	536870912
8	$\mathcal{O}(4; \{2^{16}, 4^5, 8^2\})$	2147483648
8	$\mathcal{O}(4; \{2^{13}, 4^7, 8^2\})$	8589934592
8	$\mathcal{O}(4; \{2^{10}, 4^9, 8^2\})$	34359738368
8	$\mathcal{O}(4; \{2^7, 4^{11}, 8^2\})$	137438953472
8	$\mathcal{O}(4; \{2^4, 4^{13}, 8^2\})$	549755813888
8	$\mathcal{O}(4; \{2, 4^{15}, 8^2\})$	2199023255552
8	$\mathcal{O}(4; \{2^{20}, 8^4\})$	1073741824
8	$\mathcal{O}(4; \{2^{17}, 4^2, 8^4\})$	4294967296
8	$\mathcal{O}(4; \{2^{14}, 4^4, 8^4\})$	17179869184
8	$\mathcal{O}(4; \{2^{11}, 4^6, 8^4\})$	68719476736
8	$\mathcal{O}(4; \{2^8, 4^8, 8^4\})$	274877906944
8	$\mathcal{O}(4; \{2^5, 4^{10}, 8^4\})$	1099511627776
8	$\mathcal{O}(4; \{2^2, 4^{12}, 8^4\})$	4398046511104
8	$\mathcal{O}(4; \{2^{15}, 4, 8^6\})$	34359738368
8	$\mathcal{O}(4; \{2^{12}, 4^3, 8^6\})$	137438953472
8	$\mathcal{O}(4; \{2^9, 4^5, 8^6\})$	549755813888
8	$\mathcal{O}(4; \{2^6, 4^7, 8^6\})$	2199023255552
8	$\mathcal{O}(4; \{2^3, 4^9, 8^6\})$	8796093022208
8	$\mathcal{O}(4; \{4^{11}, 8^6\})$	35184372088832
8	$\mathcal{O}(4; \{2^{13}, 8^8\})$	274877906944
8	$\mathcal{O}(4; \{2^{10}, 4^2, 8^8\})$	1099511627776
8	$\mathcal{O}(4; \{2^7, 4^4, 8^8\})$	4398046511104
8	$\mathcal{O}(4; \{2^4, 4^6, 8^8\})$	17592186044416
8	$\mathcal{O}(4; \{2, 4^8, 8^8\})$	70368744177664
8	$\mathcal{O}(4; \{2^8, 4, 8^{10}\})$	8796093022208
8	$\mathcal{O}(4; \{2^5, 4^3, 8^{10}\})$	35184372088832
8	$\mathcal{O}(4; \{2^2, 4^5, 8^{10}\})$	140737488355328
8	$\mathcal{O}(4; \{2^6, 8^{12}\})$	70368744177664
8	$\mathcal{O}(4; \{2^3, 4^2, 8^{12}\})$	281474976710656
8	$\mathcal{O}(4; \{4^4, 8^{12}\})$	1125899906842624
8	$\mathcal{O}(4; \{2, 4, 8^{14}\})$	2251799813685248
8	$\mathcal{O}(3; \{2^{28}, 4^2\})$	516096
8	$\mathcal{O}(3; \{2^{25}, 4^4\})$	2064384
8	$\mathcal{O}(3; \{2^{22}, 4^6\})$	8257536
8	$\mathcal{O}(3; \{2^{19}, 4^8\})$	33030144
8	$\mathcal{O}(3; \{2^{16}, 4^{10}\})$	132120576
8	$\mathcal{O}(3; \{2^{13}, 4^{12}\})$	528482304

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{2^{10}, 4^{14}\})$	2113929216
8	$\mathcal{O}(3; \{2^7, 4^{16}\})$	8455716864
8	$\mathcal{O}(3; \{2^4, 4^{18}\})$	33822867456
8	$\mathcal{O}(3; \{2, 4^{20}\})$	135291469824
8	$\mathcal{O}(3; \{2^{26}, 4, 8^2\})$	2097152
8	$\mathcal{O}(3; \{2^{23}, 4^3, 8^2\})$	8388608
8	$\mathcal{O}(3; \{2^{20}, 4^5, 8^2\})$	33554432
8	$\mathcal{O}(3; \{2^{17}, 4^7, 8^2\})$	134217728
8	$\mathcal{O}(3; \{2^{14}, 4^9, 8^2\})$	536870912
8	$\mathcal{O}(3; \{2^{11}, 4^{11}, 8^2\})$	2147483648
8	$\mathcal{O}(3; \{2^8, 4^{13}, 8^2\})$	8589934592
8	$\mathcal{O}(3; \{2^5, 4^{15}, 8^2\})$	34359738368
8	$\mathcal{O}(3; \{2^2, 4^{17}, 8^2\})$	137438953472
8	$\mathcal{O}(3; \{2^{24}, 8^4\})$	16777216
8	$\mathcal{O}(3; \{2^{21}, 4^2, 8^4\})$	67108864
8	$\mathcal{O}(3; \{2^{18}, 4^4, 8^4\})$	268435456
8	$\mathcal{O}(3; \{2^{15}, 4^6, 8^4\})$	1073741824
8	$\mathcal{O}(3; \{2^{12}, 4^8, 8^4\})$	4294967296
8	$\mathcal{O}(3; \{2^9, 4^{10}, 8^4\})$	17179869184
8	$\mathcal{O}(3; \{2^6, 4^{12}, 8^4\})$	68719476736
8	$\mathcal{O}(3; \{2^3, 4^{14}, 8^4\})$	274877906944
8	$\mathcal{O}(3; \{4^{16}, 8^4\})$	1099511627776
8	$\mathcal{O}(3; \{2^{19}, 4, 8^6\})$	536870912
8	$\mathcal{O}(3; \{2^{16}, 4^3, 8^6\})$	2147483648
8	$\mathcal{O}(3; \{2^{13}, 4^5, 8^6\})$	8589934592
8	$\mathcal{O}(3; \{2^{10}, 4^7, 8^6\})$	34359738368
8	$\mathcal{O}(3; \{2^7, 4^9, 8^6\})$	137438953472
8	$\mathcal{O}(3; \{2^4, 4^{11}, 8^6\})$	549755813888
8	$\mathcal{O}(3; \{2, 4^{13}, 8^6\})$	2199023255552
8	$\mathcal{O}(3; \{2^{17}, 8^8\})$	4294967296
8	$\mathcal{O}(3; \{2^{14}, 4^2, 8^8\})$	17179869184
8	$\mathcal{O}(3; \{2^{11}, 4^4, 8^8\})$	68719476736
8	$\mathcal{O}(3; \{2^8, 4^6, 8^8\})$	274877906944
8	$\mathcal{O}(3; \{2^5, 4^8, 8^8\})$	1099511627776
8	$\mathcal{O}(3; \{2^2, 4^{10}, 8^8\})$	4398046511104
8	$\mathcal{O}(3; \{2^{12}, 4, 8^{10}\})$	137438953472
8	$\mathcal{O}(3; \{2^9, 4^3, 8^{10}\})$	549755813888
8	$\mathcal{O}(3; \{2^6, 4^5, 8^{10}\})$	2199023255552
8	$\mathcal{O}(3; \{2^3, 4^7, 8^{10}\})$	8796093022208
8	$\mathcal{O}(3; \{4^9, 8^{10}\})$	35184372088832
8	$\mathcal{O}(3; \{2^{10}, 8^{12}\})$	1099511627776
8	$\mathcal{O}(3; \{2^7, 4^2, 8^{12}\})$	4398046511104
8	$\mathcal{O}(3; \{2^4, 4^4, 8^{12}\})$	17592186044416

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{2, 4^6, 8^{12}\})$	70368744177664
8	$\mathcal{O}(3; \{2^5, 4, 8^{14}\})$	35184372088832
8	$\mathcal{O}(3; \{2^2, 4^3, 8^{14}\})$	140737488355328
8	$\mathcal{O}(3; \{2^3, 8^{16}\})$	281474976710656
8	$\mathcal{O}(3; \{4^2, 8^{16}\})$	1125899906842624
8	$\mathcal{O}(2; \{2^{32}, 4^2\})$	7680
8	$\mathcal{O}(2; \{2^{29}, 4^4\})$	30720
8	$\mathcal{O}(2; \{2^{26}, 4^6\})$	122880
8	$\mathcal{O}(2; \{2^{23}, 4^8\})$	491520
8	$\mathcal{O}(2; \{2^{20}, 4^{10}\})$	1966080
8	$\mathcal{O}(2; \{2^{17}, 4^{12}\})$	7864320
8	$\mathcal{O}(2; \{2^{14}, 4^{14}\})$	31457280
8	$\mathcal{O}(2; \{2^{11}, 4^{16}\})$	125829120
8	$\mathcal{O}(2; \{2^8, 4^{18}\})$	503316480
8	$\mathcal{O}(2; \{2^5, 4^{20}\})$	2013265920
8	$\mathcal{O}(2; \{2^2, 4^{22}\})$	8053063680
8	$\mathcal{O}(2; \{2^{30}, 4, 8^2\})$	32768
8	$\mathcal{O}(2; \{2^{27}, 4^3, 8^2\})$	131072
8	$\mathcal{O}(2; \{2^{24}, 4^5, 8^2\})$	524288
8	$\mathcal{O}(2; \{2^{21}, 4^7, 8^2\})$	2097152
8	$\mathcal{O}(2; \{2^{18}, 4^9, 8^2\})$	8388608
8	$\mathcal{O}(2; \{2^{15}, 4^{11}, 8^2\})$	33554432
8	$\mathcal{O}(2; \{2^{12}, 4^{13}, 8^2\})$	134217728
8	$\mathcal{O}(2; \{2^9, 4^{15}, 8^2\})$	536870912
8	$\mathcal{O}(2; \{2^6, 4^{17}, 8^2\})$	2147483648
8	$\mathcal{O}(2; \{2^3, 4^{19}, 8^2\})$	8589934592
8	$\mathcal{O}(2; \{4^{21}, 8^2\})$	34359738368
8	$\mathcal{O}(2; \{2^{28}, 8^4\})$	262144
8	$\mathcal{O}(2; \{2^{25}, 4^2, 8^4\})$	1048576
8	$\mathcal{O}(2; \{2^{22}, 4^4, 8^4\})$	4194304
8	$\mathcal{O}(2; \{2^{19}, 4^6, 8^4\})$	16777216
8	$\mathcal{O}(2; \{2^{16}, 4^8, 8^4\})$	67108864
8	$\mathcal{O}(2; \{2^{13}, 4^{10}, 8^4\})$	268435456
8	$\mathcal{O}(2; \{2^{10}, 4^{12}, 8^4\})$	1073741824
8	$\mathcal{O}(2; \{2^7, 4^{14}, 8^4\})$	4294967296
8	$\mathcal{O}(2; \{2^4, 4^{16}, 8^4\})$	17179869184
8	$\mathcal{O}(2; \{2, 4^{18}, 8^4\})$	68719476736
8	$\mathcal{O}(2; \{2^{23}, 4, 8^6\})$	8388608
8	$\mathcal{O}(2; \{2^{20}, 4^3, 8^6\})$	33554432
8	$\mathcal{O}(2; \{2^{17}, 4^5, 8^6\})$	134217728
8	$\mathcal{O}(2; \{2^{14}, 4^7, 8^6\})$	536870912
8	$\mathcal{O}(2; \{2^{11}, 4^9, 8^6\})$	2147483648
8	$\mathcal{O}(2; \{2^8, 4^{11}, 8^6\})$	8589934592

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^5, 4^{13}, 8^6\})$	34359738368
8	$\mathcal{O}(2; \{2^2, 4^{15}, 8^6\})$	137438953472
8	$\mathcal{O}(2; \{2^{21}, 8^8\})$	67108864
8	$\mathcal{O}(2; \{2^{18}, 4^2, 8^8\})$	268435456
8	$\mathcal{O}(2; \{2^{15}, 4^4, 8^8\})$	1073741824
8	$\mathcal{O}(2; \{2^{12}, 4^6, 8^8\})$	4294967296
8	$\mathcal{O}(2; \{2^9, 4^8, 8^8\})$	17179869184
8	$\mathcal{O}(2; \{2^6, 4^{10}, 8^8\})$	68719476736
8	$\mathcal{O}(2; \{2^3, 4^{12}, 8^8\})$	274877906944
8	$\mathcal{O}(2; \{4^{14}, 8^8\})$	1099511627776
8	$\mathcal{O}(2; \{2^{16}, 4, 8^{10}\})$	2147483648
8	$\mathcal{O}(2; \{2^{13}, 4^3, 8^{10}\})$	8589934592
8	$\mathcal{O}(2; \{2^{10}, 4^5, 8^{10}\})$	34359738368
8	$\mathcal{O}(2; \{2^7, 4^7, 8^{10}\})$	137438953472
8	$\mathcal{O}(2; \{2^4, 4^9, 8^{10}\})$	549755813888
8	$\mathcal{O}(2; \{2, 4^{11}, 8^{10}\})$	2199023255552
8	$\mathcal{O}(2; \{2^{14}, 8^{12}\})$	17179869184
8	$\mathcal{O}(2; \{2^{11}, 4^2, 8^{12}\})$	68719476736
8	$\mathcal{O}(2; \{2^8, 4^4, 8^{12}\})$	274877906944
8	$\mathcal{O}(2; \{2^5, 4^6, 8^{12}\})$	1099511627776
8	$\mathcal{O}(2; \{2^2, 4^8, 8^{12}\})$	4398046511104
8	$\mathcal{O}(2; \{2^9, 4, 8^{14}\})$	549755813888
8	$\mathcal{O}(2; \{2^6, 4^3, 8^{14}\})$	2199023255552
8	$\mathcal{O}(2; \{2^3, 4^5, 8^{14}\})$	8796093022208
8	$\mathcal{O}(2; \{4^7, 8^{14}\})$	35184372088832
8	$\mathcal{O}(2; \{2^7, 8^{16}\})$	4398046511104
8	$\mathcal{O}(2; \{2^4, 4^2, 8^{16}\})$	17592186044416
8	$\mathcal{O}(2; \{2, 4^4, 8^{16}\})$	70368744177664
8	$\mathcal{O}(2; \{2^2, 4, 8^{18}\})$	140737488355328
8	$\mathcal{O}(2; \{8^{20}\})$	1125899906842624
8	$\mathcal{O}(1; \{2^{36}, 4^2\})$	96
8	$\mathcal{O}(1; \{2^{33}, 4^4\})$	384
8	$\mathcal{O}(1; \{2^{30}, 4^6\})$	1536
8	$\mathcal{O}(1; \{2^{27}, 4^8\})$	6144
8	$\mathcal{O}(1; \{2^{24}, 4^{10}\})$	24576
8	$\mathcal{O}(1; \{2^{21}, 4^{12}\})$	98304
8	$\mathcal{O}(1; \{2^{18}, 4^{14}\})$	393216
8	$\mathcal{O}(1; \{2^{15}, 4^{16}\})$	1572864
8	$\mathcal{O}(1; \{2^{12}, 4^{18}\})$	6291456
8	$\mathcal{O}(1; \{2^9, 4^{20}\})$	25165824
8	$\mathcal{O}(1; \{2^6, 4^{22}\})$	100663296
8	$\mathcal{O}(1; \{2^3, 4^{24}\})$	402653184
8	$\mathcal{O}(1; \{4^{26}\})$	1610612736

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^{34}, 4, 8^2\})$	512
8	$\mathcal{O}(1; \{2^{31}, 4^3, 8^2\})$	2048
8	$\mathcal{O}(1; \{2^{28}, 4^5, 8^2\})$	8192
8	$\mathcal{O}(1; \{2^{25}, 4^7, 8^2\})$	32768
8	$\mathcal{O}(1; \{2^{22}, 4^9, 8^2\})$	131072
8	$\mathcal{O}(1; \{2^{19}, 4^{11}, 8^2\})$	524288
8	$\mathcal{O}(1; \{2^{16}, 4^{13}, 8^2\})$	2097152
8	$\mathcal{O}(1; \{2^{13}, 4^{15}, 8^2\})$	8388608
8	$\mathcal{O}(1; \{2^{10}, 4^{17}, 8^2\})$	33554432
8	$\mathcal{O}(1; \{2^7, 4^{19}, 8^2\})$	134217728
8	$\mathcal{O}(1; \{2^4, 4^{21}, 8^2\})$	536870912
8	$\mathcal{O}(1; \{2, 4^{23}, 8^2\})$	2147483648
8	$\mathcal{O}(1; \{2^{32}, 8^4\})$	4096
8	$\mathcal{O}(1; \{2^{29}, 4^2, 8^4\})$	16384
8	$\mathcal{O}(1; \{2^{26}, 4^4, 8^4\})$	65536
8	$\mathcal{O}(1; \{2^{23}, 4^6, 8^4\})$	262144
8	$\mathcal{O}(1; \{2^{20}, 4^8, 8^4\})$	1048576
8	$\mathcal{O}(1; \{2^{17}, 4^{10}, 8^4\})$	4194304
8	$\mathcal{O}(1; \{2^{14}, 4^{12}, 8^4\})$	16777216
8	$\mathcal{O}(1; \{2^{11}, 4^{14}, 8^4\})$	67108864
8	$\mathcal{O}(1; \{2^8, 4^{16}, 8^4\})$	268435456
8	$\mathcal{O}(1; \{2^5, 4^{18}, 8^4\})$	1073741824
8	$\mathcal{O}(1; \{2^2, 4^{20}, 8^4\})$	4294967296
8	$\mathcal{O}(1; \{2^{27}, 4, 8^6\})$	131072
8	$\mathcal{O}(1; \{2^{24}, 4^3, 8^6\})$	524288
8	$\mathcal{O}(1; \{2^{21}, 4^5, 8^6\})$	2097152
8	$\mathcal{O}(1; \{2^{18}, 4^7, 8^6\})$	8388608
8	$\mathcal{O}(1; \{2^{15}, 4^9, 8^6\})$	33554432
8	$\mathcal{O}(1; \{2^{12}, 4^{11}, 8^6\})$	134217728
8	$\mathcal{O}(1; \{2^9, 4^{13}, 8^6\})$	536870912
8	$\mathcal{O}(1; \{2^6, 4^{15}, 8^6\})$	2147483648
8	$\mathcal{O}(1; \{2^3, 4^{17}, 8^6\})$	8589934592
8	$\mathcal{O}(1; \{4^{19}, 8^6\})$	34359738368
8	$\mathcal{O}(1; \{2^{25}, 8^8\})$	1048576
8	$\mathcal{O}(1; \{2^{22}, 4^2, 8^8\})$	4194304
8	$\mathcal{O}(1; \{2^{19}, 4^4, 8^8\})$	16777216
8	$\mathcal{O}(1; \{2^{16}, 4^6, 8^8\})$	67108864
8	$\mathcal{O}(1; \{2^{13}, 4^8, 8^8\})$	268435456
8	$\mathcal{O}(1; \{2^{10}, 4^{10}, 8^8\})$	1073741824
8	$\mathcal{O}(1; \{2^7, 4^{12}, 8^8\})$	4294967296
8	$\mathcal{O}(1; \{2^4, 4^{14}, 8^8\})$	17179869184
8	$\mathcal{O}(1; \{2, 4^{16}, 8^8\})$	68719476736
8	$\mathcal{O}(1; \{2^{20}, 4, 8^{10}\})$	33554432

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^{17}, 4^3, 8^{10}\})$	134217728
8	$\mathcal{O}(1; \{2^{14}, 4^5, 8^{10}\})$	536870912
8	$\mathcal{O}(1; \{2^{11}, 4^7, 8^{10}\})$	2147483648
8	$\mathcal{O}(1; \{2^8, 4^9, 8^{10}\})$	8589934592
8	$\mathcal{O}(1; \{2^5, 4^{11}, 8^{10}\})$	34359738368
8	$\mathcal{O}(1; \{2^2, 4^{13}, 8^{10}\})$	137438953472
8	$\mathcal{O}(1; \{2^{18}, 8^{12}\})$	268435456
8	$\mathcal{O}(1; \{2^{15}, 4^2, 8^{12}\})$	1073741824
8	$\mathcal{O}(1; \{2^{12}, 4^4, 8^{12}\})$	4294967296
8	$\mathcal{O}(1; \{2^9, 4^6, 8^{12}\})$	17179869184
8	$\mathcal{O}(1; \{2^6, 4^8, 8^{12}\})$	68719476736
8	$\mathcal{O}(1; \{2^3, 4^{10}, 8^{12}\})$	274877906944
8	$\mathcal{O}(1; \{4^{12}, 8^{12}\})$	1099511627776
8	$\mathcal{O}(1; \{2^{13}, 4, 8^{14}\})$	8589934592
8	$\mathcal{O}(1; \{2^{10}, 4^3, 8^{14}\})$	34359738368
8	$\mathcal{O}(1; \{2^7, 4^5, 8^{14}\})$	137438953472
8	$\mathcal{O}(1; \{2^4, 4^7, 8^{14}\})$	549755813888
8	$\mathcal{O}(1; \{2, 4^9, 8^{14}\})$	2199023255552
8	$\mathcal{O}(1; \{2^{11}, 8^{16}\})$	68719476736
8	$\mathcal{O}(1; \{2^8, 4^2, 8^{16}\})$	274877906944
8	$\mathcal{O}(1; \{2^5, 4^4, 8^{16}\})$	1099511627776
8	$\mathcal{O}(1; \{2^2, 4^6, 8^{16}\})$	4398046511104
8	$\mathcal{O}(1; \{2^6, 4, 8^{18}\})$	2199023255552
8	$\mathcal{O}(1; \{2^3, 4^3, 8^{18}\})$	8796093022208
8	$\mathcal{O}(1; \{4^5, 8^{18}\})$	35184372088832
8	$\mathcal{O}(1; \{2^4, 8^{20}\})$	17592186044416
8	$\mathcal{O}(1; \{2, 4^2, 8^{20}\})$	70368744177664
8	$\mathcal{O}(0; \{2^{38}, 4, 8^2\})$	8
8	$\mathcal{O}(0; \{2^{35}, 4^3, 8^2\})$	32
8	$\mathcal{O}(0; \{2^{32}, 4^5, 8^2\})$	128
8	$\mathcal{O}(0; \{2^{29}, 4^7, 8^2\})$	512
8	$\mathcal{O}(0; \{2^{26}, 4^9, 8^2\})$	2048
8	$\mathcal{O}(0; \{2^{23}, 4^{11}, 8^2\})$	8192
8	$\mathcal{O}(0; \{2^{20}, 4^{13}, 8^2\})$	32768
8	$\mathcal{O}(0; \{2^{17}, 4^{15}, 8^2\})$	131072
8	$\mathcal{O}(0; \{2^{14}, 4^{17}, 8^2\})$	524288
8	$\mathcal{O}(0; \{2^{11}, 4^{19}, 8^2\})$	2097152
8	$\mathcal{O}(0; \{2^8, 4^{21}, 8^2\})$	8388608
8	$\mathcal{O}(0; \{2^5, 4^{23}, 8^2\})$	33554432
8	$\mathcal{O}(0; \{2^2, 4^{25}, 8^2\})$	134217728
8	$\mathcal{O}(0; \{2^{36}, 8^4\})$	64
8	$\mathcal{O}(0; \{2^{33}, 4^2, 8^4\})$	256
8	$\mathcal{O}(0; \{2^{30}, 4^4, 8^4\})$	1024

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^{13}, 4^6, 8^{12}\})$	268435456
8	$\mathcal{O}(0; \{2^{10}, 4^8, 8^{12}\})$	1073741824
8	$\mathcal{O}(0; \{2^7, 4^{10}, 8^{12}\})$	4294967296
8	$\mathcal{O}(0; \{2^4, 4^{12}, 8^{12}\})$	17179869184
8	$\mathcal{O}(0; \{2, 4^{14}, 8^{12}\})$	68719476736
8	$\mathcal{O}(0; \{2^{17}, 4, 8^{14}\})$	134217728
8	$\mathcal{O}(0; \{2^{14}, 4^3, 8^{14}\})$	536870912
8	$\mathcal{O}(0; \{2^{11}, 4^5, 8^{14}\})$	2147483648
8	$\mathcal{O}(0; \{2^8, 4^7, 8^{14}\})$	8589934592
8	$\mathcal{O}(0; \{2^5, 4^9, 8^{14}\})$	34359738368
8	$\mathcal{O}(0; \{2^2, 4^{11}, 8^{14}\})$	137438953472
8	$\mathcal{O}(0; \{2^{15}, 8^{16}\})$	1073741824
8	$\mathcal{O}(0; \{2^{12}, 4^2, 8^{16}\})$	4294967296
8	$\mathcal{O}(0; \{2^9, 4^4, 8^{16}\})$	17179869184
8	$\mathcal{O}(0; \{2^6, 4^6, 8^{16}\})$	68719476736
8	$\mathcal{O}(0; \{2^3, 4^8, 8^{16}\})$	274877906944
8	$\mathcal{O}(0; \{4^{10}, 8^{16}\})$	1099511627776
8	$\mathcal{O}(0; \{2^{10}, 4, 8^{18}\})$	34359738368
8	$\mathcal{O}(0; \{2^7, 4^3, 8^{18}\})$	137438953472
8	$\mathcal{O}(0; \{2^4, 4^5, 8^{18}\})$	549755813888
8	$\mathcal{O}(0; \{2, 4^7, 8^{18}\})$	2199023255552
8	$\mathcal{O}(0; \{2^8, 8^{20}\})$	274877906944
8	$\mathcal{O}(0; \{2^5, 4^2, 8^{20}\})$	1099511627776
8	$\mathcal{O}(0; \{2^2, 4^4, 8^{20}\})$	4398046511104
8	$\mathcal{O}(0; \{2^3, 4, 8^{22}\})$	8796093022208
8	$\mathcal{O}(0; \{4^3, 8^{22}\})$	35184372088832
8	$\mathcal{O}(0; \{2, 8^{24}\})$	70368744177664
9	$\mathcal{O}(9; \{3^2\})$	300189269819157264
9	$\mathcal{O}(8; \{3^5\})$	18530201458051200
9	$\mathcal{O}(8; \{3, 9^3\})$	66708726798666276
9	$\mathcal{O}(7; \{3^8\})$	1967403739791312
9	$\mathcal{O}(7; \{3^4, 9^3\})$	6588516227028768
9	$\mathcal{O}(7; \{9^6\})$	122299332464221506
9	$\mathcal{O}(6; \{3^{11}\})$	192616581437280
9	$\mathcal{O}(6; \{3^7, 9^3\})$	650717652052224
9	$\mathcal{O}(6; \{3^3, 9^6\})$	12078946416219408
9	$\mathcal{O}(5; \{3^{14}\})$	19044493872624
9	$\mathcal{O}(5; \{3^{10}, 9^3\})$	64268410079232
9	$\mathcal{O}(5; \{3^6, 9^6\})$	1192982362095744
9	$\mathcal{O}(5; \{3^2, 9^9\})$	15556218869373480
9	$\mathcal{O}(4; \{3^{17}\})$	1880424590400
9	$\mathcal{O}(4; \{3^{13}, 9^3\})$	6347497291776
9	$\mathcal{O}(4; \{3^9, 9^6\})$	117825418478592

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(4; \{3^5, 9^9\})$	1536416678456640
9	$\mathcal{O}(4; \{3, 9^{12}\})$	20833132328984484
9	$\mathcal{O}(3; \{3^{20}\})$	185497642512
9	$\mathcal{O}(3; \{3^{16}, 9^3\})$	626913312768
9	$\mathcal{O}(3; \{3^{12}, 9^6\})$	116370783368256
9	$\mathcal{O}(3; \{3^8, 9^9\})$	151744857131520
9	$\mathcal{O}(3; \{3^4, 9^{12}\})$	2057593316442912
9	$\mathcal{O}(3; \{9^{15}\})$	27762258577009338
9	$\mathcal{O}(2; \{3^{23}\})$	18119388960
9	$\mathcal{O}(2; \{3^{19}, 9^3\})$	61917364224
9	$\mathcal{O}(2; \{3^{15}, 9^6\})$	1149341073408
9	$\mathcal{O}(2; \{3^{11}, 9^9\})$	14987146383360
9	$\mathcal{O}(2; \{3^7, 9^{12}\})$	203219092982016
9	$\mathcal{O}(2; \{3^3, 9^{15}\})$	2741951464395984
9	$\mathcal{O}(1; \{3^{26}\})$	1610612784
9	$\mathcal{O}(1; \{3^{22}, 9^3\})$	6115295232
9	$\mathcal{O}(1; \{3^{18}, 9^6\})$	113515167744
9	$\mathcal{O}(1; \{3^{14}, 9^9\})$	1480211988480
9	$\mathcal{O}(1; \{3^{10}, 9^{12}\})$	20071021529088
9	$\mathcal{O}(1; \{3^6, 9^{15}\})$	270810021174912
9	$\mathcal{O}(1; \{3^2, 9^{18}\})$	3656186334338184
9	$\mathcal{O}(0; \{3^{25}, 9^3\})$	603979776
9	$\mathcal{O}(0; \{3^{21}, 9^6\})$	11211374592
9	$\mathcal{O}(0; \{3^{17}, 9^9\})$	146193776640
9	$\mathcal{O}(0; \{3^{13}, 9^{12}\})$	1982323113984
9	$\mathcal{O}(0; \{3^9, 9^{15}\})$	26746668758016
9	$\mathcal{O}(0; \{3^5, 9^{18}\})$	361104823144512
9	$\mathcal{O}(0; \{3, 9^{21}\})$	4874873271038100
10	$\mathcal{O}(8; \{5^2\})$	39999389648437500
10	$\mathcal{O}(7; \{2^4, 5^2\})$	400000000000000
10	$\mathcal{O}(7; \{2^2, 5, 10^2\})$	1200000000000000
10	$\mathcal{O}(7; \{10^4\})$	5200000000000000
10	$\mathcal{O}(6; \{2^8, 5^2\})$	400000000000000
10	$\mathcal{O}(6; \{5^7\})$	3275200195312500
10	$\mathcal{O}(6; \{2^3, 5^4, 10\})$	2040000000000000
10	$\mathcal{O}(6; \{2^6, 5, 10^2\})$	1200000000000000
10	$\mathcal{O}(6; \{2, 5^3, 10^3\})$	8200000000000000
10	$\mathcal{O}(6; \{2^4, 10^4\})$	5200000000000000
10	$\mathcal{O}(5; \{2^{12}, 5^2\})$	400000000000
10	$\mathcal{O}(5; \{2^4, 5^7\})$	3276000000000000
10	$\mathcal{O}(5; \{2^7, 5^4, 10\})$	2040000000000000
10	$\mathcal{O}(5; \{2^{10}, 5, 10^2\})$	1200000000000000
10	$\mathcal{O}(5; \{2^2, 5^6, 10^2\})$	1310800000000000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(5; \{2^5, 5^3, 10^3\})$	820000000000
10	$\mathcal{O}(5; \{2^8, 10^4\})$	520000000000
10	$\mathcal{O}(5; \{5^5, 10^4\})$	52428000000000
10	$\mathcal{O}(5; \{2^3, 5^2, 10^5\})$	32760000000000
10	$\mathcal{O}(5; \{2, 5, 10^7\})$	131080000000000
10	$\mathcal{O}(4; \{2^{16}, 5^2\})$	400000000
10	$\mathcal{O}(4; \{2^8, 5^7\})$	327600000000
10	$\mathcal{O}(4; \{5^{12}\})$	334233679687500
10	$\mathcal{O}(4; \{2^{11}, 5^4, 10\})$	20400000000
10	$\mathcal{O}(4; \{2^3, 5^9, 10\})$	20971600000000
10	$\mathcal{O}(4; \{2^{14}, 5, 10^2\})$	1200000000
10	$\mathcal{O}(4; \{2^6, 5^6, 10^2\})$	1310800000000
10	$\mathcal{O}(4; \{2^9, 5^3, 10^3\})$	82000000000
10	$\mathcal{O}(4; \{2, 5^8, 10^3\})$	83886000000000
10	$\mathcal{O}(4; \{2^{12}, 10^4\})$	5200000000
10	$\mathcal{O}(4; \{2^4, 5^5, 10^4\})$	5242800000000
10	$\mathcal{O}(4; \{2^7, 5^2, 10^5\})$	327600000000
10	$\mathcal{O}(4; \{2^2, 5^4, 10^6\})$	20971600000000
10	$\mathcal{O}(4; \{2^5, 5, 10^7\})$	1310800000000
10	$\mathcal{O}(4; \{5^3, 10^8\})$	83886000000000
10	$\mathcal{O}(4; \{2^3, 10^9\})$	5242800000000
10	$\mathcal{O}(3; \{2^{20}, 5^2\})$	4000000
10	$\mathcal{O}(3; \{2^{12}, 5^7\})$	3276000000
10	$\mathcal{O}(3; \{2^4, 5^{12}\})$	3355444000000
10	$\mathcal{O}(3; \{2^{15}, 5^4, 10\})$	204000000
10	$\mathcal{O}(3; \{2^7, 5^9, 10\})$	209716000000
10	$\mathcal{O}(3; \{2^{18}, 5, 10^2\})$	12000000
10	$\mathcal{O}(3; \{2^{10}, 5^6, 10^2\})$	13108000000
10	$\mathcal{O}(3; \{2^2, 5^{11}, 10^2\})$	13421772000000
10	$\mathcal{O}(3; \{2^{13}, 5^3, 10^3\})$	820000000
10	$\mathcal{O}(3; \{2^5, 5^8, 10^3\})$	838860000000
10	$\mathcal{O}(3; \{2^{16}, 10^4\})$	52000000
10	$\mathcal{O}(3; \{2^8, 5^5, 10^4\})$	52428000000
10	$\mathcal{O}(3; \{5^{10}, 10^4\})$	53687092000000
10	$\mathcal{O}(3; \{2^{11}, 5^2, 10^5\})$	3276000000
10	$\mathcal{O}(3; \{2^3, 5^7, 10^5\})$	3355444000000
10	$\mathcal{O}(3; \{2^6, 5^4, 10^6\})$	209716000000
10	$\mathcal{O}(3; \{2^9, 5, 10^7\})$	13108000000
10	$\mathcal{O}(3; \{2, 5^6, 10^7\})$	13421772000000
10	$\mathcal{O}(3; \{2^4, 5^3, 10^8\})$	838860000000
10	$\mathcal{O}(3; \{2^7, 10^9\})$	52428000000
10	$\mathcal{O}(3; \{2^2, 5^2, 10^{10}\})$	3355444000000
10	$\mathcal{O}(3; \{5, 10^{12}\})$	13421772000000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{2^{24}, 5^2\})$	40000
10	$\mathcal{O}(2; \{2^{16}, 5^7\})$	32760000
10	$\mathcal{O}(2; \{2^8, 5^{12}\})$	33554440000
10	$\mathcal{O}(2; \{5^{17}\})$	32212254712500
10	$\mathcal{O}(2; \{2^{19}, 5^4, 10\})$	2040000
10	$\mathcal{O}(2; \{2^{11}, 5^9, 10\})$	2097160000
10	$\mathcal{O}(2; \{2^3, 5^{14}, 10\})$	2147483640000
10	$\mathcal{O}(2; \{2^{22}, 5, 10^2\})$	120000
10	$\mathcal{O}(2; \{2^{14}, 5^6, 10^2\})$	131080000
10	$\mathcal{O}(2; \{2^6, 5^{11}, 10^2\})$	134217720000
10	$\mathcal{O}(2; \{2^{17}, 5^3, 10^3\})$	8200000
10	$\mathcal{O}(2; \{2^9, 5^8, 10^3\})$	8388600000
10	$\mathcal{O}(2; \{2, 5^{13}, 10^3\})$	8589934600000
10	$\mathcal{O}(2; \{2^{20}, 10^4\})$	520000
10	$\mathcal{O}(2; \{2^{12}, 5^5, 10^4\})$	524280000
10	$\mathcal{O}(2; \{2^4, 5^{10}, 10^4\})$	536870920000
10	$\mathcal{O}(2; \{2^{15}, 5^2, 10^5\})$	32760000
10	$\mathcal{O}(2; \{2^7, 5^7, 10^5\})$	33554440000
10	$\mathcal{O}(2; \{2^{10}, 5^4, 10^6\})$	2097160000
10	$\mathcal{O}(2; \{2^2, 5^9, 10^6\})$	2147483640000
10	$\mathcal{O}(2; \{2^{13}, 5, 10^7\})$	131080000
10	$\mathcal{O}(2; \{2^5, 5^6, 10^7\})$	134217720000
10	$\mathcal{O}(2; \{2^8, 5^3, 10^8\})$	8388600000
10	$\mathcal{O}(2; \{5^8, 10^8\})$	8589934600000
10	$\mathcal{O}(2; \{2^{11}, 10^9\})$	524280000
10	$\mathcal{O}(2; \{2^3, 5^5, 10^9\})$	536870920000
10	$\mathcal{O}(2; \{2^6, 5^2, 10^{10}\})$	33554440000
10	$\mathcal{O}(2; \{2, 5^4, 10^{11}\})$	2147483640000
10	$\mathcal{O}(2; \{2^4, 5, 10^{12}\})$	134217720000
10	$\mathcal{O}(2; \{2^2, 10^{14}\})$	536870920000
10	$\mathcal{O}(1; \{2^{28}, 5^2\})$	400
10	$\mathcal{O}(1; \{2^{20}, 5^7\})$	327600
10	$\mathcal{O}(1; \{2^{12}, 5^{12}\})$	335544400
10	$\mathcal{O}(1; \{2^4, 5^{17}\})$	343597383600
10	$\mathcal{O}(1; \{2^{23}, 5^4, 10\})$	20400
10	$\mathcal{O}(1; \{2^{15}, 5^9, 10\})$	20971600
10	$\mathcal{O}(1; \{2^7, 5^{14}, 10\})$	21474836400
10	$\mathcal{O}(1; \{2^{26}, 5, 10^2\})$	1200
10	$\mathcal{O}(1; \{2^{18}, 5^6, 10^2\})$	1310800
10	$\mathcal{O}(1; \{2^{10}, 5^{11}, 10^2\})$	1342177200
10	$\mathcal{O}(1; \{2^2, 5^{16}, 10^2\})$	1374389534800
10	$\mathcal{O}(1; \{2^{21}, 5^3, 10^3\})$	82000
10	$\mathcal{O}(1; \{2^{13}, 5^8, 10^3\})$	83886000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{2^5, 5^{13}, 10^3\})$	85899346000
10	$\mathcal{O}(1; \{2^{24}, 10^4\})$	5200
10	$\mathcal{O}(1; \{2^{16}, 5^5, 10^4\})$	5242800
10	$\mathcal{O}(1; \{2^8, 5^{10}, 10^4\})$	5368709200
10	$\mathcal{O}(1; \{5^{15}, 10^4\})$	5497558138800
10	$\mathcal{O}(1; \{2^{19}, 5^2, 10^5\})$	327600
10	$\mathcal{O}(1; \{2^{11}, 5^7, 10^5\})$	335544400
10	$\mathcal{O}(1; \{2^3, 5^{12}, 10^5\})$	343597383600
10	$\mathcal{O}(1; \{2^{14}, 5^4, 10^6\})$	20971600
10	$\mathcal{O}(1; \{2^6, 5^9, 10^6\})$	21474836400
10	$\mathcal{O}(1; \{2^{17}, 5, 10^7\})$	1310800
10	$\mathcal{O}(1; \{2^9, 5^6, 10^7\})$	1342177200
10	$\mathcal{O}(1; \{2, 5^{11}, 10^7\})$	1374389534800
10	$\mathcal{O}(1; \{2^{12}, 5^3, 10^8\})$	83886000
10	$\mathcal{O}(1; \{2^4, 5^8, 10^8\})$	85899346000
10	$\mathcal{O}(1; \{2^{15}, 10^9\})$	5242800
10	$\mathcal{O}(1; \{2^7, 5^5, 10^9\})$	5368709200
10	$\mathcal{O}(1; \{2^{10}, 5^2, 10^{10}\})$	335544400
10	$\mathcal{O}(1; \{2^2, 5^7, 10^{10}\})$	343597383600
10	$\mathcal{O}(1; \{2^5, 5^4, 10^{11}\})$	21474836400
10	$\mathcal{O}(1; \{2^8, 5, 10^{12}\})$	1342177200
10	$\mathcal{O}(1; \{5^6, 10^{12}\})$	1374389534800
10	$\mathcal{O}(1; \{2^3, 5^3, 10^{13}\})$	85899346000
10	$\mathcal{O}(1; \{2^6, 10^{14}\})$	5368709200
10	$\mathcal{O}(1; \{2, 5^2, 10^{15}\})$	343597383600
10	$\mathcal{O}(0; \{2^{32}, 5^2\})$	4
10	$\mathcal{O}(0; \{2^{24}, 5^7\})$	3276
10	$\mathcal{O}(0; \{2^{16}, 5^{12}\})$	3355444
10	$\mathcal{O}(0; \{2^8, 5^{17}\})$	3435973836
10	$\mathcal{O}(0; \{2^{27}, 5^4, 10\})$	204
10	$\mathcal{O}(0; \{2^{19}, 5^9, 10\})$	209716
10	$\mathcal{O}(0; \{2^{11}, 5^{14}, 10\})$	214748364
10	$\mathcal{O}(0; \{2^3, 5^{19}, 10\})$	219902325556
10	$\mathcal{O}(0; \{2^{30}, 5, 10^2\})$	12
10	$\mathcal{O}(0; \{2^{22}, 5^6, 10^2\})$	13108
10	$\mathcal{O}(0; \{2^{14}, 5^{11}, 10^2\})$	13421772
10	$\mathcal{O}(0; \{2^6, 5^{16}, 10^2\})$	13743895348
10	$\mathcal{O}(0; \{2^{25}, 5^3, 10^3\})$	820
10	$\mathcal{O}(0; \{2^{17}, 5^8, 10^3\})$	838860
10	$\mathcal{O}(0; \{2^9, 5^{13}, 10^3\})$	858993460
10	$\mathcal{O}(0; \{2, 5^{18}, 10^3\})$	879609302220
10	$\mathcal{O}(0; \{2^{28}, 10^4\})$	52
10	$\mathcal{O}(0; \{2^{20}, 5^5, 10^4\})$	52428

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{2^{12}, 5^{10}, 10^4\})$	53687092
10	$\mathcal{O}(0; \{2^4, 5^{15}, 10^4\})$	54975581388
10	$\mathcal{O}(0; \{2^{23}, 5^2, 10^5\})$	3276
10	$\mathcal{O}(0; \{2^{15}, 5^7, 10^5\})$	3355444
10	$\mathcal{O}(0; \{2^7, 5^{12}, 10^5\})$	3435973836
10	$\mathcal{O}(0; \{2^{18}, 5^4, 10^6\})$	209716
10	$\mathcal{O}(0; \{2^{10}, 5^9, 10^6\})$	214748364
10	$\mathcal{O}(0; \{2^2, 5^{14}, 10^6\})$	219902325556
10	$\mathcal{O}(0; \{2^{21}, 5, 10^7\})$	13108
10	$\mathcal{O}(0; \{2^{13}, 5^6, 10^7\})$	13421772
10	$\mathcal{O}(0; \{2^5, 5^{11}, 10^7\})$	13743895348
10	$\mathcal{O}(0; \{2^{16}, 5^3, 10^8\})$	838860
10	$\mathcal{O}(0; \{2^8, 5^8, 10^8\})$	858993460
10	$\mathcal{O}(0; \{5^{13}, 10^8\})$	879609302220
10	$\mathcal{O}(0; \{2^{19}, 10^9\})$	52428
10	$\mathcal{O}(0; \{2^{11}, 5^5, 10^9\})$	53687092
10	$\mathcal{O}(0; \{2^3, 5^{10}, 10^9\})$	54975581388
10	$\mathcal{O}(0; \{2^{14}, 5^2, 10^{10}\})$	3355444
10	$\mathcal{O}(0; \{2^6, 5^7, 10^{10}\})$	3435973836
10	$\mathcal{O}(0; \{2^9, 5^4, 10^{11}\})$	214748364
10	$\mathcal{O}(0; \{2, 5^9, 10^{11}\})$	219902325556
10	$\mathcal{O}(0; \{2^{12}, 5, 10^{12}\})$	13421772
10	$\mathcal{O}(0; \{2^4, 5^6, 10^{12}\})$	13743895348
10	$\mathcal{O}(0; \{2^7, 5^3, 10^{13}\})$	858993460
10	$\mathcal{O}(0; \{2^{10}, 10^{14}\})$	53687092
10	$\mathcal{O}(0; \{2^2, 5^5, 10^{14}\})$	54975581388
10	$\mathcal{O}(0; \{2^5, 5^2, 10^{15}\})$	3435973836
10	$\mathcal{O}(0; \{5^4, 10^{16}\})$	219902325556
10	$\mathcal{O}(0; \{2^3, 5, 10^{17}\})$	13743895348
10	$\mathcal{O}(0; \{2, 10^{19}\})$	54975581388
11	$\mathcal{O}(4; \{11^9\})$	19487170805128290
12	$\mathcal{O}(7; \{2^2\})$	1283839831965696
12	$\mathcal{O}(6; \{2^6\})$	8913906892800
12	$\mathcal{O}(6; \{2^2, 3^3\})$	17827847331840
12	$\mathcal{O}(6; \{2^3, 4^2\})$	17832167342080
12	$\mathcal{O}(6; \{4^4\})$	71328669368320
12	$\mathcal{O}(6; \{2^3, 3, 6\})$	17827847331840
12	$\mathcal{O}(6; \{3, 4^2, 6\})$	35664401793024
12	$\mathcal{O}(6; \{3^2, 6^2\})$	53483541995520
12	$\mathcal{O}(6; \{2, 6^3\})$	17827847331840
12	$\mathcal{O}(6; \{3^2, 4, 12\})$	35664401793024
12	$\mathcal{O}(6; \{2, 4, 6, 12\})$	35664401793024
12	$\mathcal{O}(6; \{2, 3, 12^2\})$	35664401793024

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{2^{10}\})$	61855850496
12	$\mathcal{O}(5; \{2^6, 3^3\})$	123713796096
12	$\mathcal{O}(5; \{2^2, 3^6\})$	1360851757056
12	$\mathcal{O}(5; \{2^7, 4^2\})$	123832631296
12	$\mathcal{O}(5; \{2^3, 3^3, 4^2\})$	247669456896
12	$\mathcal{O}(5; \{2^4, 4^4\})$	495330525184
12	$\mathcal{O}(5; \{3^3, 4^4\})$	990677827584
12	$\mathcal{O}(5; \{2, 4^6\})$	1981322100736
12	$\mathcal{O}(5; \{2^7, 3, 6\})$	123713796096
12	$\mathcal{O}(5; \{2^3, 3^4, 6\})$	618568980480
12	$\mathcal{O}(5; \{2^4, 3, 4^2, 6\})$	247669456896
12	$\mathcal{O}(5; \{3^4, 4^2, 6\})$	1238347284480
12	$\mathcal{O}(5; \{2, 3, 4^4, 6\})$	990677827584
12	$\mathcal{O}(5; \{2^4, 3^2, 6^2\})$	371141388288
12	$\mathcal{O}(5; \{3^5, 6^2\})$	2597989718016
12	$\mathcal{O}(5; \{2, 3^2, 4^2, 6^2\})$	743008370688
12	$\mathcal{O}(5; \{2^5, 6^3\})$	123713796096
12	$\mathcal{O}(5; \{2, 3^3, 6^3\})$	1360851757056
12	$\mathcal{O}(5; \{2^2, 4^2, 6^3\})$	247669456896
12	$\mathcal{O}(5; \{2^2, 3, 6^4\})$	618568980480
12	$\mathcal{O}(5; \{6^6\})$	1360851757056
12	$\mathcal{O}(5; \{2^4, 3^2, 4, 12\})$	247669456896
12	$\mathcal{O}(5; \{3^5, 4, 12\})$	2724364025856
12	$\mathcal{O}(5; \{2, 3^2, 4^3, 12\})$	990677827584
12	$\mathcal{O}(5; \{2^5, 4, 6, 12\})$	247669456896
12	$\mathcal{O}(5; \{2, 3^3, 4, 6, 12\})$	1238347284480
12	$\mathcal{O}(5; \{2^2, 4^3, 6, 12\})$	990677827584
12	$\mathcal{O}(5; \{2^2, 3, 4, 6^2, 12\})$	743008370688
12	$\mathcal{O}(5; \{4, 6^4, 12\})$	1238347284480
12	$\mathcal{O}(5; \{2^5, 3, 12^2\})$	247669456896
12	$\mathcal{O}(5; \{2, 3^4, 12^2\})$	2724364025856
12	$\mathcal{O}(5; \{2^2, 3, 4^2, 12^2\})$	990677827584
12	$\mathcal{O}(5; \{2^2, 3^2, 6, 12^2\})$	1238347284480
12	$\mathcal{O}(5; \{2^3, 6^2, 12^2\})$	743008370688
12	$\mathcal{O}(5; \{4^2, 6^2, 12^2\})$	2972033482752
12	$\mathcal{O}(5; \{3, 6^3, 12^2\})$	2724364025856
12	$\mathcal{O}(5; \{2^3, 4, 12^3\})$	990677827584
12	$\mathcal{O}(5; \{4^3, 12^3\})$	3962711310336
12	$\mathcal{O}(5; \{3, 4, 6, 12^3\})$	4953389137920
12	$\mathcal{O}(5; \{3^2, 12^4\})$	10897456103424
12	$\mathcal{O}(5; \{2, 6, 12^4\})$	4953389137920
12	$\mathcal{O}(4; \{2^{14}\})$	428236800
12	$\mathcal{O}(4; \{2^{10}, 3^3\})$	856604160

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{2^6, 3^6\})$	9422645760
12	$\mathcal{O}(4; \{2^2, 3^9\})$	72811353600
12	$\mathcal{O}(4; \{2^{11}, 4^2\})$	859832320
12	$\mathcal{O}(4; \{2^7, 3^3, 4^2\})$	1719926784
12	$\mathcal{O}(4; \{2^3, 3^6, 4^2\})$	18919194624
12	$\mathcal{O}(4; \{2^8, 4^4\})$	3439329280
12	$\mathcal{O}(4; \{2^4, 3^3, 4^4\})$	6879707136
12	$\mathcal{O}(4; \{3^6, 4^4\})$	75676778496
12	$\mathcal{O}(4; \{2^5, 4^6\})$	13757317120
12	$\mathcal{O}(4; \{2, 3^3, 4^6\})$	27518828544
12	$\mathcal{O}(4; \{2^2, 4^8\})$	55029268480
12	$\mathcal{O}(4; \{2^{11}, 3, 6\})$	856604160
12	$\mathcal{O}(4; \{2^7, 3^4, 6\})$	4283020800
12	$\mathcal{O}(4; \{2^3, 3^7, 6\})$	36833978880
12	$\mathcal{O}(4; \{2^8, 3, 4^2, 6\})$	1719926784
12	$\mathcal{O}(4; \{2^4, 3^4, 4^2, 6\})$	8599633920
12	$\mathcal{O}(4; \{3^7, 4^2, 6\})$	73956851712
12	$\mathcal{O}(4; \{2^5, 3, 4^4, 6\})$	6879707136
12	$\mathcal{O}(4; \{2, 3^4, 4^4, 6\})$	34398535680
12	$\mathcal{O}(4; \{2^2, 3, 4^6, 6\})$	27518828544
12	$\mathcal{O}(4; \{2^8, 3^2, 6^2\})$	2569812480
12	$\mathcal{O}(4; \{2^4, 3^5, 6^2\})$	17988687360
12	$\mathcal{O}(4; \{3^8, 6^2\})$	146479311360
12	$\mathcal{O}(4; \{2^5, 3^2, 4^2, 6^2\})$	5159780352
12	$\mathcal{O}(4; \{2, 3^5, 4^2, 6^2\})$	36118462464
12	$\mathcal{O}(4; \{2^2, 3^2, 4^4, 6^2\})$	20639121408
12	$\mathcal{O}(4; \{2^9, 6^3\})$	856604160
12	$\mathcal{O}(4; \{2^5, 3^3, 6^3\})$	9422645760
12	$\mathcal{O}(4; \{2, 3^6, 6^3\})$	72811353600
12	$\mathcal{O}(4; \{2^6, 4^2, 6^3\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3^3, 4^2, 6^3\})$	18919194624
12	$\mathcal{O}(4; \{2^3, 4^4, 6^3\})$	6879707136
12	$\mathcal{O}(4; \{4^6, 6^3\})$	27518828544
12	$\mathcal{O}(4; \{2^6, 3, 6^4\})$	4283020800
12	$\mathcal{O}(4; \{2^2, 3^4, 6^4\})$	36833978880
12	$\mathcal{O}(4; \{2^3, 3, 4^2, 6^4\})$	8599633920
12	$\mathcal{O}(4; \{3, 4^4, 6^4\})$	34398535680
12	$\mathcal{O}(4; \{2^3, 3^2, 6^5\})$	17988687360
12	$\mathcal{O}(4; \{3^2, 4^2, 6^5\})$	36118462464
12	$\mathcal{O}(4; \{2^4, 6^6\})$	9422645760
12	$\mathcal{O}(4; \{3^3, 6^6\})$	72811353600
12	$\mathcal{O}(4; \{2, 4^2, 6^6\})$	18919194624
12	$\mathcal{O}(4; \{2, 3, 6^7\})$	36833978880

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{2^8, 3^2, 4, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^4, 3^5, 4, 12\})$	18919194624
12	$\mathcal{O}(4; \{3^8, 4, 12\})$	146193776640
12	$\mathcal{O}(4; \{2^5, 3^2, 4^3, 12\})$	6879707136
12	$\mathcal{O}(4; \{2, 3^5, 4^3, 12\})$	75676778496
12	$\mathcal{O}(4; \{2^2, 3^2, 4^5, 12\})$	27518828544
12	$\mathcal{O}(4; \{2^9, 4, 6, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^5, 3^3, 4, 6, 12\})$	8599633920
12	$\mathcal{O}(4; \{2, 3^6, 4, 6, 12\})$	73956851712
12	$\mathcal{O}(4; \{2^6, 4^3, 6, 12\})$	6879707136
12	$\mathcal{O}(4; \{2^2, 3^3, 4^3, 6, 12\})$	34398535680
12	$\mathcal{O}(4; \{2^3, 4^5, 6, 12\})$	27518828544
12	$\mathcal{O}(4; \{4^7, 6, 12\})$	110075314176
12	$\mathcal{O}(4; \{2^6, 3, 4, 6^2, 12\})$	5159780352
12	$\mathcal{O}(4; \{2^2, 3^4, 4, 6^2, 12\})$	36118462464
12	$\mathcal{O}(4; \{2^3, 3, 4^3, 6^2, 12\})$	20639121408
12	$\mathcal{O}(4; \{3, 4^5, 6^2, 12\})$	82556485632
12	$\mathcal{O}(4; \{2^3, 3^2, 4, 6^3, 12\})$	18919194624
12	$\mathcal{O}(4; \{3^2, 4^3, 6^3, 12\})$	75676778496
12	$\mathcal{O}(4; \{2^4, 4, 6^4, 12\})$	8599633920
12	$\mathcal{O}(4; \{3^3, 4, 6^4, 12\})$	73956851712
12	$\mathcal{O}(4; \{2, 4^3, 6^4, 12\})$	34398535680
12	$\mathcal{O}(4; \{2, 3, 4, 6^5, 12\})$	36118462464
12	$\mathcal{O}(4; \{2^9, 3, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{2^5, 3^4, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2, 3^7, 12^2\})$	146193776640
12	$\mathcal{O}(4; \{2^6, 3, 4^2, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{2^2, 3^4, 4^2, 12^2\})$	75676778496
12	$\mathcal{O}(4; \{2^3, 3, 4^4, 12^2\})$	27518828544
12	$\mathcal{O}(4; \{3, 4^6, 12^2\})$	110075314176
12	$\mathcal{O}(4; \{2^6, 3^2, 6, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{2^2, 3^5, 6, 12^2\})$	73956851712
12	$\mathcal{O}(4; \{2^3, 3^2, 4^2, 6, 12^2\})$	34398535680
12	$\mathcal{O}(4; \{3^2, 4^4, 6, 12^2\})$	137594142720
12	$\mathcal{O}(4; \{2^7, 6^2, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{2^3, 3^3, 6^2, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{2^4, 4^2, 6^2, 12^2\})$	20639121408
12	$\mathcal{O}(4; \{3^3, 4^2, 6^2, 12^2\})$	144473849856
12	$\mathcal{O}(4; \{2, 4^4, 6^2, 12^2\})$	82556485632
12	$\mathcal{O}(4; \{2^4, 3, 6^3, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{3^4, 6^3, 12^2\})$	146193776640
12	$\mathcal{O}(4; \{2, 3, 4^2, 6^3, 12^2\})$	75676778496
12	$\mathcal{O}(4; \{2, 3^2, 6^4, 12^2\})$	73956851712

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{2^2, 6^5, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{2^7, 4, 12^3\})$	6879707136
12	$\mathcal{O}(4; \{2^3, 3^3, 4, 12^3\})$	75676778496
12	$\mathcal{O}(4; \{2^4, 4^3, 12^3\})$	27518828544
12	$\mathcal{O}(4; \{3^3, 4^3, 12^3\})$	302707113984
12	$\mathcal{O}(4; \{2, 4^5, 12^3\})$	110075314176
12	$\mathcal{O}(4; \{2^4, 3, 4, 6, 12^3\})$	34398535680
12	$\mathcal{O}(4; \{3^4, 4, 6, 12^3\})$	295827406848
12	$\mathcal{O}(4; \{2, 3, 4^3, 6, 12^3\})$	137594142720
12	$\mathcal{O}(4; \{2, 3^2, 4, 6^2, 12^3\})$	144473849856
12	$\mathcal{O}(4; \{2^2, 4, 6^3, 12^3\})$	75676778496
12	$\mathcal{O}(4; \{2^4, 3^2, 12^4\})$	75676778496
12	$\mathcal{O}(4; \{3^5, 12^4\})$	584775106560
12	$\mathcal{O}(4; \{2, 3^2, 4^2, 12^4\})$	302707113984
12	$\mathcal{O}(4; \{2^5, 6, 12^4\})$	34398535680
12	$\mathcal{O}(4; \{2, 3^3, 6, 12^4\})$	295827406848
12	$\mathcal{O}(4; \{2^2, 4^2, 6, 12^4\})$	137594142720
12	$\mathcal{O}(4; \{2^2, 3, 6^2, 12^4\})$	144473849856
12	$\mathcal{O}(4; \{6^4, 12^4\})$	295827406848
12	$\mathcal{O}(4; \{2^2, 3, 4, 12^5\})$	302707113984
12	$\mathcal{O}(4; \{4, 6^2, 12^5\})$	577895399424
12	$\mathcal{O}(4; \{2^3, 12^6\})$	302707113984
12	$\mathcal{O}(4; \{4^2, 12^6\})$	1210828455936
12	$\mathcal{O}(4; \{3, 6, 12^6\})$	1183309627392
12	$\mathcal{O}(3; \{2^{18}\})$	2935296
12	$\mathcal{O}(3; \{2^{14}, 3^3\})$	5878656
12	$\mathcal{O}(3; \{2^{10}, 3^6\})$	64665216
12	$\mathcal{O}(3; \{2^6, 3^9\})$	499685760
12	$\mathcal{O}(3; \{2^2, 3^{12}\})$	4015122048
12	$\mathcal{O}(3; \{2^{15}, 4^2\})$	5963776
12	$\mathcal{O}(3; \{2^{11}, 3^3, 4^2\})$	11943936
12	$\mathcal{O}(3; \{2^7, 3^6, 4^2\})$	131383296
12	$\mathcal{O}(3; \{2^3, 3^9, 4^2\})$	1015234560
12	$\mathcal{O}(3; \{2^{12}, 4^4\})$	23855104
12	$\mathcal{O}(3; \{2^8, 3^3, 4^4\})$	47775744
12	$\mathcal{O}(3; \{2^4, 3^6, 4^4\})$	525533184
12	$\mathcal{O}(3; \{3^9, 4^4\})$	4060938240
12	$\mathcal{O}(3; \{2^9, 4^6\})$	95420416
12	$\mathcal{O}(3; \{2^5, 3^3, 4^6\})$	191102976
12	$\mathcal{O}(3; \{2, 3^6, 4^6\})$	2102132736
12	$\mathcal{O}(3; \{2^6, 4^8\})$	381681664
12	$\mathcal{O}(3; \{2^2, 3^3, 4^8\})$	764411904
12	$\mathcal{O}(3; \{2^3, 4^{10}\})$	1526726656

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{4^{12}\})$	6106906624
12	$\mathcal{O}(3; \{2^{15}, 3, 6\})$	5878656
12	$\mathcal{O}(3; \{2^{11}, 3^4, 6\})$	29393280
12	$\mathcal{O}(3; \{2^7, 3^7, 6\})$	252782208
12	$\mathcal{O}(3; \{2^3, 3^{10}, 6\})$	2004621696
12	$\mathcal{O}(3; \{2^{12}, 3, 4^2, 6\})$	11943936
12	$\mathcal{O}(3; \{2^8, 3^4, 4^2, 6\})$	59719680
12	$\mathcal{O}(3; \{2^4, 3^7, 4^2, 6\})$	513589248
12	$\mathcal{O}(3; \{3^{10}, 4^2, 6\})$	4072882176
12	$\mathcal{O}(3; \{2^9, 3, 4^4, 6\})$	47775744
12	$\mathcal{O}(3; \{2^5, 3^4, 4^4, 6\})$	238878720
12	$\mathcal{O}(3; \{2, 3^7, 4^4, 6\})$	2054356992
12	$\mathcal{O}(3; \{2^6, 3, 4^6, 6\})$	191102976
12	$\mathcal{O}(3; \{2^2, 3^4, 4^6, 6\})$	955514880
12	$\mathcal{O}(3; \{2^3, 3, 4^8, 6\})$	764411904
12	$\mathcal{O}(3; \{3, 4^{10}, 6\})$	3057647616
12	$\mathcal{O}(3; \{2^{12}, 3^2, 6^2\})$	17635968
12	$\mathcal{O}(3; \{2^8, 3^5, 6^2\})$	123451776
12	$\mathcal{O}(3; \{2^4, 3^8, 6^2\})$	1005250176
12	$\mathcal{O}(3; \{3^{11}, 6^2\})$	8024365440
12	$\mathcal{O}(3; \{2^9, 3^2, 4^2, 6^2\})$	35831808
12	$\mathcal{O}(3; \{2^5, 3^5, 4^2, 6^2\})$	250822656
12	$\mathcal{O}(3; \{2, 3^8, 4^2, 6^2\})$	2042413056
12	$\mathcal{O}(3; \{2^6, 3^2, 4^4, 6^2\})$	143327232
12	$\mathcal{O}(3; \{2^2, 3^5, 4^4, 6^2\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 3^2, 4^6, 6^2\})$	573308928
12	$\mathcal{O}(3; \{3^2, 4^8, 6^2\})$	2293235712
12	$\mathcal{O}(3; \{2^{13}, 6^3\})$	5878656
12	$\mathcal{O}(3; \{2^9, 3^3, 6^3\})$	64665216
12	$\mathcal{O}(3; \{2^5, 3^6, 6^3\})$	499685760
12	$\mathcal{O}(3; \{2, 3^9, 6^3\})$	4015122048
12	$\mathcal{O}(3; \{2^{10}, 4^2, 6^3\})$	11943936
12	$\mathcal{O}(3; \{2^6, 3^3, 4^2, 6^3\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^6, 4^2, 6^3\})$	1015234560
12	$\mathcal{O}(3; \{2^7, 4^4, 6^3\})$	47775744
12	$\mathcal{O}(3; \{2^3, 3^3, 4^4, 6^3\})$	525533184
12	$\mathcal{O}(3; \{2^4, 4^6, 6^3\})$	191102976
12	$\mathcal{O}(3; \{3^3, 4^6, 6^3\})$	2102132736
12	$\mathcal{O}(3; \{2, 4^8, 6^3\})$	764411904
12	$\mathcal{O}(3; \{2^{10}, 3, 6^4\})$	29393280
12	$\mathcal{O}(3; \{2^6, 3^4, 6^4\})$	252782208
12	$\mathcal{O}(3; \{2^2, 3^7, 6^4\})$	2004621696
12	$\mathcal{O}(3; \{2^7, 3, 4^2, 6^4\})$	59719680

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^3, 3^4, 4^2, 6^4\})$	513589248
12	$\mathcal{O}(3; \{2^4, 3, 4^4, 6^4\})$	238878720
12	$\mathcal{O}(3; \{3^4, 4^4, 6^4\})$	2054356992
12	$\mathcal{O}(3; \{2, 3, 4^6, 6^4\})$	955514880
12	$\mathcal{O}(3; \{2^7, 3^2, 6^5\})$	123451776
12	$\mathcal{O}(3; \{2^3, 3^5, 6^5\})$	1005250176
12	$\mathcal{O}(3; \{2^4, 3^2, 4^2, 6^5\})$	250822656
12	$\mathcal{O}(3; \{3^5, 4^2, 6^5\})$	2042413056
12	$\mathcal{O}(3; \{2, 3^2, 4^4, 6^5\})$	1003290624
12	$\mathcal{O}(3; \{2^8, 6^6\})$	64665216
12	$\mathcal{O}(3; \{2^4, 3^3, 6^6\})$	499685760
12	$\mathcal{O}(3; \{3^6, 6^6\})$	4015122048
12	$\mathcal{O}(3; \{2^5, 4^2, 6^6\})$	131383296
12	$\mathcal{O}(3; \{2, 3^3, 4^2, 6^6\})$	1015234560
12	$\mathcal{O}(3; \{2^2, 4^4, 6^6\})$	525533184
12	$\mathcal{O}(3; \{2^5, 3, 6^7\})$	252782208
12	$\mathcal{O}(3; \{2, 3^4, 6^7\})$	2004621696
12	$\mathcal{O}(3; \{2^2, 3, 4^2, 6^7\})$	513589248
12	$\mathcal{O}(3; \{2^2, 3^2, 6^8\})$	1005250176
12	$\mathcal{O}(3; \{2^3, 6^9\})$	499685760
12	$\mathcal{O}(3; \{4^2, 6^9\})$	1015234560
12	$\mathcal{O}(3; \{3, 6^{10}\})$	2004621696
12	$\mathcal{O}(3; \{2^{12}, 3^2, 4, 12\})$	11943936
12	$\mathcal{O}(3; \{2^8, 3^5, 4, 12\})$	131383296
12	$\mathcal{O}(3; \{2^4, 3^8, 4, 12\})$	1015234560
12	$\mathcal{O}(3; \{3^{11}, 4, 12\})$	8157708288
12	$\mathcal{O}(3; \{2^9, 3^2, 4^3, 12\})$	47775744
12	$\mathcal{O}(3; \{2^5, 3^5, 4^3, 12\})$	525533184
12	$\mathcal{O}(3; \{2, 3^8, 4^3, 12\})$	4060938240
12	$\mathcal{O}(3; \{2^6, 3^2, 4^5, 12\})$	191102976
12	$\mathcal{O}(3; \{2^2, 3^5, 4^5, 12\})$	2102132736
12	$\mathcal{O}(3; \{2^3, 3^2, 4^7, 12\})$	764411904
12	$\mathcal{O}(3; \{3^2, 4^9, 12\})$	3057647616
12	$\mathcal{O}(3; \{2^{13}, 4, 6, 12\})$	11943936
12	$\mathcal{O}(3; \{2^9, 3^3, 4, 6, 12\})$	59719680
12	$\mathcal{O}(3; \{2^5, 3^6, 4, 6, 12\})$	513589248
12	$\mathcal{O}(3; \{2, 3^9, 4, 6, 12\})$	4072882176
12	$\mathcal{O}(3; \{2^{10}, 4^3, 6, 12\})$	47775744
12	$\mathcal{O}(3; \{2^6, 3^3, 4^3, 6, 12\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3^6, 4^3, 6, 12\})$	2054356992
12	$\mathcal{O}(3; \{2^7, 4^5, 6, 12\})$	191102976
12	$\mathcal{O}(3; \{2^3, 3^3, 4^5, 6, 12\})$	955514880
12	$\mathcal{O}(3; \{2^4, 4^7, 6, 12\})$	764411904

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{3^3, 4^7, 6, 12\})$	3822059520
12	$\mathcal{O}(3; \{2, 4^9, 6, 12\})$	3057647616
12	$\mathcal{O}(3; \{2^{10}, 3, 4, 6^2, 12\})$	35831808
12	$\mathcal{O}(3; \{2^6, 3^4, 4, 6^2, 12\})$	250822656
12	$\mathcal{O}(3; \{2^2, 3^7, 4, 6^2, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^7, 3, 4^3, 6^2, 12\})$	143327232
12	$\mathcal{O}(3; \{2^3, 3^4, 4^3, 6^2, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^4, 3, 4^5, 6^2, 12\})$	573308928
12	$\mathcal{O}(3; \{3^4, 4^5, 6^2, 12\})$	4013162496
12	$\mathcal{O}(3; \{2, 3, 4^7, 6^2, 12\})$	2293235712
12	$\mathcal{O}(3; \{2^7, 3^2, 4, 6^3, 12\})$	131383296
12	$\mathcal{O}(3; \{2^3, 3^5, 4, 6^3, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^4, 3^2, 4^3, 6^3, 12\})$	525533184
12	$\mathcal{O}(3; \{3^5, 4^3, 6^3, 12\})$	4060938240
12	$\mathcal{O}(3; \{2, 3^2, 4^5, 6^3, 12\})$	2102132736
12	$\mathcal{O}(3; \{2^8, 4, 6^4, 12\})$	59719680
12	$\mathcal{O}(3; \{2^4, 3^3, 4, 6^4, 12\})$	513589248
12	$\mathcal{O}(3; \{3^6, 4, 6^4, 12\})$	4072882176
12	$\mathcal{O}(3; \{2^5, 4^3, 6^4, 12\})$	238878720
12	$\mathcal{O}(3; \{2, 3^3, 4^3, 6^4, 12\})$	2054356992
12	$\mathcal{O}(3; \{2^2, 4^5, 6^4, 12\})$	955514880
12	$\mathcal{O}(3; \{2^5, 3, 4, 6^5, 12\})$	250822656
12	$\mathcal{O}(3; \{2, 3^4, 4, 6^5, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^2, 3, 4^3, 6^5, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3^2, 4, 6^6, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^3, 4, 6^7, 12\})$	513589248
12	$\mathcal{O}(3; \{4^3, 6^7, 12\})$	2054356992
12	$\mathcal{O}(3; \{3, 4, 6^8, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^{13}, 3, 12^2\})$	11943936
12	$\mathcal{O}(3; \{2^9, 3^4, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2^5, 3^7, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2, 3^{10}, 12^2\})$	8157708288
12	$\mathcal{O}(3; \{2^{10}, 3, 4^2, 12^2\})$	47775744
12	$\mathcal{O}(3; \{2^6, 3^4, 4^2, 12^2\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3^7, 4^2, 12^2\})$	4060938240
12	$\mathcal{O}(3; \{2^7, 3, 4^4, 12^2\})$	191102976
12	$\mathcal{O}(3; \{2^3, 3^4, 4^4, 12^2\})$	2102132736
12	$\mathcal{O}(3; \{2^4, 3, 4^6, 12^2\})$	764411904
12	$\mathcal{O}(3; \{3^4, 4^6, 12^2\})$	8408530944
12	$\mathcal{O}(3; \{2, 3, 4^8, 12^2\})$	3057647616
12	$\mathcal{O}(3; \{2^{10}, 3^2, 6, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^6, 3^5, 6, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^2, 3^8, 6, 12^2\})$	4072882176

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^5, 3, 4^3, 6, 12^3\})$	955514880
12	$\mathcal{O}(3; \{2, 3^4, 4^3, 6, 12^3\})$	8217427968
12	$\mathcal{O}(3; \{2^2, 3, 4^5, 6, 12^3\})$	3822059520
12	$\mathcal{O}(3; \{2^5, 3^2, 4, 6^2, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^5, 4, 6^2, 12^3\})$	8169652224
12	$\mathcal{O}(3; \{2^2, 3^2, 4^3, 6^2, 12^3\})$	4013162496
12	$\mathcal{O}(3; \{2^6, 4, 6^3, 12^3\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3^3, 4, 6^3, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2^3, 4^3, 6^3, 12^3\})$	2102132736
12	$\mathcal{O}(3; \{4^5, 6^3, 12^3\})$	8408530944
12	$\mathcal{O}(3; \{2^3, 3, 4, 6^4, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{3, 4^3, 6^4, 12^3\})$	8217427968
12	$\mathcal{O}(3; \{3^2, 4, 6^5, 12^3\})$	8169652224
12	$\mathcal{O}(3; \{2, 4, 6^6, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2^8, 3^2, 12^4\})$	525533184
12	$\mathcal{O}(3; \{2^4, 3^5, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{3^8, 12^4\})$	32630833152
12	$\mathcal{O}(3; \{2^5, 3^2, 4^2, 12^4\})$	2102132736
12	$\mathcal{O}(3; \{2, 3^5, 4^2, 12^4\})$	16243752960
12	$\mathcal{O}(3; \{2^2, 3^2, 4^4, 12^4\})$	8408530944
12	$\mathcal{O}(3; \{2^9, 6, 12^4\})$	238878720
12	$\mathcal{O}(3; \{2^5, 3^3, 6, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2, 3^6, 6, 12^4\})$	16291528704
12	$\mathcal{O}(3; \{2^6, 4^2, 6, 12^4\})$	955514880
12	$\mathcal{O}(3; \{2^2, 3^3, 4^2, 6, 12^4\})$	8217427968
12	$\mathcal{O}(3; \{2^3, 4^4, 6, 12^4\})$	3822059520
12	$\mathcal{O}(3; \{4^6, 6, 12^4\})$	15288238080
12	$\mathcal{O}(3; \{2^6, 3, 6^2, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3^4, 6^2, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2^3, 3, 4^2, 6^2, 12^4\})$	4013162496
12	$\mathcal{O}(3; \{3, 4^4, 6^2, 12^4\})$	16052649984
12	$\mathcal{O}(3; \{2^3, 3^2, 6^3, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{3^2, 4^2, 6^3, 12^4\})$	16243752960
12	$\mathcal{O}(3; \{2^4, 6^4, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{3^3, 6^4, 12^4\})$	16291528704
12	$\mathcal{O}(3; \{2, 4^2, 6^4, 12^4\})$	8217427968
12	$\mathcal{O}(3; \{2, 3, 6^5, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2^6, 3, 4, 12^5\})$	2102132736
12	$\mathcal{O}(3; \{2^2, 3^4, 4, 12^5\})$	16243752960
12	$\mathcal{O}(3; \{2^3, 3, 4^3, 12^5\})$	8408530944
12	$\mathcal{O}(3; \{3, 4^5, 12^5\})$	33634123776
12	$\mathcal{O}(3; \{2^3, 3^2, 4, 6, 12^5\})$	8217427968
12	$\mathcal{O}(3; \{3^2, 4^3, 6, 12^5\})$	32869711872

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^4, 4, 6^2, 12^5\})$	4013162496
12	$\mathcal{O}(3; \{3^3, 4, 6^2, 12^5\})$	32678608896
12	$\mathcal{O}(3; \{2, 4^3, 6^2, 12^5\})$	16052649984
12	$\mathcal{O}(3; \{2, 3, 4, 6^3, 12^5\})$	16243752960
12	$\mathcal{O}(3; \{2^7, 12^6\})$	2102132736
12	$\mathcal{O}(3; \{2^3, 3^3, 12^6\})$	16243752960
12	$\mathcal{O}(3; \{2^4, 4^2, 12^6\})$	8408530944
12	$\mathcal{O}(3; \{3^3, 4^2, 12^6\})$	64975011840
12	$\mathcal{O}(3; \{2, 4^4, 12^6\})$	33634123776
12	$\mathcal{O}(3; \{2^4, 3, 6, 12^6\})$	8217427968
12	$\mathcal{O}(3; \{3^4, 6, 12^6\})$	65166114816
12	$\mathcal{O}(3; \{2, 3, 4^2, 6, 12^6\})$	32869711872
12	$\mathcal{O}(3; \{2, 3^2, 6^2, 12^6\})$	32678608896
12	$\mathcal{O}(3; \{2^2, 6^3, 12^6\})$	16243752960
12	$\mathcal{O}(3; \{2, 3^2, 4, 12^7\})$	64975011840
12	$\mathcal{O}(3; \{2^2, 4, 6, 12^7\})$	32869711872
12	$\mathcal{O}(3; \{2^2, 3, 12^8\})$	64975011840
12	$\mathcal{O}(3; \{6^2, 12^8\})$	130714435584
12	$\mathcal{O}(3; \{4, 12^9\})$	259900047360
12	$\mathcal{O}(2; \{2^{22}\})$	19200
12	$\mathcal{O}(2; \{2^{18}, 3^3\})$	38880
12	$\mathcal{O}(2; \{2^{14}, 3^6\})$	427680
12	$\mathcal{O}(2; \{2^{10}, 3^9\})$	3304800
12	$\mathcal{O}(2; \{2^6, 3^{12}\})$	26555040
12	$\mathcal{O}(2; \{2^2, 3^{15}\})$	212323680
12	$\mathcal{O}(2; \{2^{19}, 4^2\})$	40960
12	$\mathcal{O}(2; \{2^{15}, 3^3, 4^2\})$	82944
12	$\mathcal{O}(2; \{2^{11}, 3^6, 4^2\})$	912384
12	$\mathcal{O}(2; \{2^7, 3^9, 4^2\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3^{12}, 4^2\})$	56650752
12	$\mathcal{O}(2; \{2^{16}, 4^4\})$	163840
12	$\mathcal{O}(2; \{2^{12}, 3^3, 4^4\})$	331776
12	$\mathcal{O}(2; \{2^8, 3^6, 4^4\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^9, 4^4\})$	28200960
12	$\mathcal{O}(2; \{3^{12}, 4^4\})$	226603008
12	$\mathcal{O}(2; \{2^{13}, 4^6\})$	655360
12	$\mathcal{O}(2; \{2^9, 3^3, 4^6\})$	1327104
12	$\mathcal{O}(2; \{2^5, 3^6, 4^6\})$	14598144
12	$\mathcal{O}(2; \{2, 3^9, 4^6\})$	112803840
12	$\mathcal{O}(2; \{2^{10}, 4^8\})$	2621440
12	$\mathcal{O}(2; \{2^6, 3^3, 4^8\})$	5308416
12	$\mathcal{O}(2; \{2^2, 3^6, 4^8\})$	58392576
12	$\mathcal{O}(2; \{2^7, 4^{10}\})$	10485760

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^3, 3^3, 4^{10}\})$	21233664
12	$\mathcal{O}(2; \{2^4, 4^{12}\})$	41943040
12	$\mathcal{O}(2; \{3^3, 4^{12}\})$	84934656
12	$\mathcal{O}(2; \{2, 4^{14}\})$	167772160
12	$\mathcal{O}(2; \{2^{19}, 3, 6\})$	38880
12	$\mathcal{O}(2; \{2^{15}, 3^4, 6\})$	194400
12	$\mathcal{O}(2; \{2^{11}, 3^7, 6\})$	1671840
12	$\mathcal{O}(2; \{2^7, 3^{10}, 6\})$	13258080
12	$\mathcal{O}(2; \{2^3, 3^{13}, 6\})$	106181280
12	$\mathcal{O}(2; \{2^{16}, 3, 4^2, 6\})$	82944
12	$\mathcal{O}(2; \{2^{12}, 3^4, 4^2, 6\})$	414720
12	$\mathcal{O}(2; \{2^8, 3^7, 4^2, 6\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3^{10}, 4^2, 6\})$	28283904
12	$\mathcal{O}(2; \{3^{13}, 4^2, 6\})$	226520064
12	$\mathcal{O}(2; \{2^{13}, 3, 4^4, 6\})$	331776
12	$\mathcal{O}(2; \{2^9, 3^4, 4^4, 6\})$	1658880
12	$\mathcal{O}(2; \{2^5, 3^7, 4^4, 6\})$	14266368
12	$\mathcal{O}(2; \{2, 3^{10}, 4^4, 6\})$	113135616
12	$\mathcal{O}(2; \{2^{10}, 3, 4^6, 6\})$	1327104
12	$\mathcal{O}(2; \{2^6, 3^4, 4^6, 6\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^7, 4^6, 6\})$	57065472
12	$\mathcal{O}(2; \{2^7, 3, 4^8, 6\})$	5308416
12	$\mathcal{O}(2; \{2^3, 3^4, 4^8, 6\})$	26542080
12	$\mathcal{O}(2; \{2^4, 3, 4^{10}, 6\})$	21233664
12	$\mathcal{O}(2; \{3^4, 4^{10}, 6\})$	106168320
12	$\mathcal{O}(2; \{2, 3, 4^{12}, 6\})$	84934656
12	$\mathcal{O}(2; \{2^{16}, 3^2, 6^2\})$	116640
12	$\mathcal{O}(2; \{2^{12}, 3^5, 6^2\})$	816480
12	$\mathcal{O}(2; \{2^8, 3^8, 6^2\})$	6648480
12	$\mathcal{O}(2; \{2^4, 3^{11}, 6^2\})$	53071200
12	$\mathcal{O}(2; \{3^{14}, 6^2\})$	424686240
12	$\mathcal{O}(2; \{2^{13}, 3^2, 4^2, 6^2\})$	248832
12	$\mathcal{O}(2; \{2^9, 3^5, 4^2, 6^2\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^8, 4^2, 6^2\})$	14183424
12	$\mathcal{O}(2; \{2, 3^{11}, 4^2, 6^2\})$	113218560
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4^4, 6^2\})$	995328
12	$\mathcal{O}(2; \{2^6, 3^5, 4^4, 6^2\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^8, 4^4, 6^2\})$	56733696
12	$\mathcal{O}(2; \{2^7, 3^2, 4^6, 6^2\})$	3981312
12	$\mathcal{O}(2; \{2^3, 3^5, 4^6, 6^2\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3^2, 4^8, 6^2\})$	15925248
12	$\mathcal{O}(2; \{3^5, 4^8, 6^2\})$	111476736
12	$\mathcal{O}(2; \{2, 3^2, 4^{10}, 6^2\})$	63700992

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^{17}, 6^3\})$	38880
12	$\mathcal{O}(2; \{2^{13}, 3^3, 6^3\})$	427680
12	$\mathcal{O}(2; \{2^9, 3^6, 6^3\})$	3304800
12	$\mathcal{O}(2; \{2^5, 3^9, 6^3\})$	26555040
12	$\mathcal{O}(2; \{2, 3^{12}, 6^3\})$	212323680
12	$\mathcal{O}(2; \{2^{14}, 4^2, 6^3\})$	82944
12	$\mathcal{O}(2; \{2^{10}, 3^3, 4^2, 6^3\})$	912384
12	$\mathcal{O}(2; \{2^6, 3^6, 4^2, 6^3\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^9, 4^2, 6^3\})$	56650752
12	$\mathcal{O}(2; \{2^{11}, 4^4, 6^3\})$	331776
12	$\mathcal{O}(2; \{2^7, 3^3, 4^4, 6^3\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^6, 4^4, 6^3\})$	28200960
12	$\mathcal{O}(2; \{2^8, 4^6, 6^3\})$	1327104
12	$\mathcal{O}(2; \{2^4, 3^3, 4^6, 6^3\})$	14598144
12	$\mathcal{O}(2; \{3^6, 4^6, 6^3\})$	112803840
12	$\mathcal{O}(2; \{2^5, 4^8, 6^3\})$	5308416
12	$\mathcal{O}(2; \{2, 3^3, 4^8, 6^3\})$	58392576
12	$\mathcal{O}(2; \{2^2, 4^{10}, 6^3\})$	21233664
12	$\mathcal{O}(2; \{2^{14}, 3, 6^4\})$	194400
12	$\mathcal{O}(2; \{2^{10}, 3^4, 6^4\})$	1671840
12	$\mathcal{O}(2; \{2^6, 3^7, 6^4\})$	13258080
12	$\mathcal{O}(2; \{2^2, 3^{10}, 6^4\})$	106181280
12	$\mathcal{O}(2; \{2^{11}, 3, 4^2, 6^4\})$	414720
12	$\mathcal{O}(2; \{2^7, 3^4, 4^2, 6^4\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^7, 4^2, 6^4\})$	28283904
12	$\mathcal{O}(2; \{2^8, 3, 4^4, 6^4\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3^4, 4^4, 6^4\})$	14266368
12	$\mathcal{O}(2; \{3^7, 4^4, 6^4\})$	113135616
12	$\mathcal{O}(2; \{2^5, 3, 4^6, 6^4\})$	6635520
12	$\mathcal{O}(2; \{2, 3^4, 4^6, 6^4\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3, 4^8, 6^4\})$	26542080
12	$\mathcal{O}(2; \{2^{11}, 3^2, 6^5\})$	816480
12	$\mathcal{O}(2; \{2^7, 3^5, 6^5\})$	6648480
12	$\mathcal{O}(2; \{2^3, 3^8, 6^5\})$	53071200
12	$\mathcal{O}(2; \{2^8, 3^2, 4^2, 6^5\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^5, 4^2, 6^5\})$	14183424
12	$\mathcal{O}(2; \{3^8, 4^2, 6^5\})$	113218560
12	$\mathcal{O}(2; \{2^5, 3^2, 4^4, 6^5\})$	6967296
12	$\mathcal{O}(2; \{2, 3^5, 4^4, 6^5\})$	56733696
12	$\mathcal{O}(2; \{2^2, 3^2, 4^6, 6^5\})$	27869184
12	$\mathcal{O}(2; \{2^{12}, 6^6\})$	427680
12	$\mathcal{O}(2; \{2^8, 3^3, 6^6\})$	3304800
12	$\mathcal{O}(2; \{2^4, 3^6, 6^6\})$	26555040

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{3^9, 6^6\})$	212323680
12	$\mathcal{O}(2; \{2^9, 4^2, 6^6\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^3, 4^2, 6^6\})$	7050240
12	$\mathcal{O}(2; \{2, 3^6, 4^2, 6^6\})$	56650752
12	$\mathcal{O}(2; \{2^6, 4^4, 6^6\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^3, 4^4, 6^6\})$	28200960
12	$\mathcal{O}(2; \{2^3, 4^6, 6^6\})$	14598144
12	$\mathcal{O}(2; \{4^8, 6^6\})$	58392576
12	$\mathcal{O}(2; \{2^9, 3, 6^7\})$	1671840
12	$\mathcal{O}(2; \{2^5, 3^4, 6^7\})$	13258080
12	$\mathcal{O}(2; \{2, 3^7, 6^7\})$	106181280
12	$\mathcal{O}(2; \{2^6, 3, 4^2, 6^7\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^4, 4^2, 6^7\})$	28283904
12	$\mathcal{O}(2; \{2^3, 3, 4^4, 6^7\})$	14266368
12	$\mathcal{O}(2; \{3, 4^6, 6^7\})$	57065472
12	$\mathcal{O}(2; \{2^6, 3^2, 6^8\})$	6648480
12	$\mathcal{O}(2; \{2^2, 3^5, 6^8\})$	53071200
12	$\mathcal{O}(2; \{2^3, 3^2, 4^2, 6^8\})$	14183424
12	$\mathcal{O}(2; \{3^2, 4^4, 6^8\})$	56733696
12	$\mathcal{O}(2; \{2^7, 6^9\})$	3304800
12	$\mathcal{O}(2; \{2^3, 3^3, 6^9\})$	26555040
12	$\mathcal{O}(2; \{2^4, 4^2, 6^9\})$	7050240
12	$\mathcal{O}(2; \{3^3, 4^2, 6^9\})$	56650752
12	$\mathcal{O}(2; \{2, 4^4, 6^9\})$	28200960
12	$\mathcal{O}(2; \{2^4, 3, 6^{10}\})$	13258080
12	$\mathcal{O}(2; \{3^4, 6^{10}\})$	106181280
12	$\mathcal{O}(2; \{2, 3, 4^2, 6^{10}\})$	28283904
12	$\mathcal{O}(2; \{2, 3^2, 6^{11}\})$	53071200
12	$\mathcal{O}(2; \{2^2, 6^{12}\})$	26555040
12	$\mathcal{O}(2; \{2^{16}, 3^2, 4, 12\})$	82944
12	$\mathcal{O}(2; \{2^{12}, 3^5, 4, 12\})$	912384
12	$\mathcal{O}(2; \{2^8, 3^8, 4, 12\})$	7050240
12	$\mathcal{O}(2; \{2^4, 3^{11}, 4, 12\})$	56650752
12	$\mathcal{O}(2; \{3^{14}, 4, 12\})$	452957184
12	$\mathcal{O}(2; \{2^{13}, 3^2, 4^3, 12\})$	331776
12	$\mathcal{O}(2; \{2^9, 3^5, 4^3, 12\})$	3649536
12	$\mathcal{O}(2; \{2^5, 3^8, 4^3, 12\})$	28200960
12	$\mathcal{O}(2; \{2, 3^{11}, 4^3, 12\})$	226603008
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4^5, 12\})$	1327104
12	$\mathcal{O}(2; \{2^6, 3^5, 4^5, 12\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3^8, 4^5, 12\})$	112803840
12	$\mathcal{O}(2; \{2^7, 3^2, 4^7, 12\})$	5308416
12	$\mathcal{O}(2; \{2^3, 3^5, 4^7, 12\})$	58392576

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^4, 3^2, 4^9, 12\})$	21233664
12	$\mathcal{O}(2; \{3^5, 4^9, 12\})$	233570304
12	$\mathcal{O}(2; \{2, 3^2, 4^{11}, 12\})$	84934656
12	$\mathcal{O}(2; \{2^{17}, 4, 6, 12\})$	82944
12	$\mathcal{O}(2; \{2^{13}, 3^3, 4, 6, 12\})$	414720
12	$\mathcal{O}(2; \{2^9, 3^6, 4, 6, 12\})$	3566592
12	$\mathcal{O}(2; \{2^5, 3^9, 4, 6, 12\})$	28283904
12	$\mathcal{O}(2; \{2, 3^{12}, 4, 6, 12\})$	226520064
12	$\mathcal{O}(2; \{2^{14}, 4^3, 6, 12\})$	331776
12	$\mathcal{O}(2; \{2^{10}, 3^3, 4^3, 6, 12\})$	1658880
12	$\mathcal{O}(2; \{2^6, 3^6, 4^3, 6, 12\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^9, 4^3, 6, 12\})$	113135616
12	$\mathcal{O}(2; \{2^{11}, 4^5, 6, 12\})$	1327104
12	$\mathcal{O}(2; \{2^7, 3^3, 4^5, 6, 12\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3^6, 4^5, 6, 12\})$	57065472
12	$\mathcal{O}(2; \{2^8, 4^7, 6, 12\})$	5308416
12	$\mathcal{O}(2; \{2^4, 3^3, 4^7, 6, 12\})$	26542080
12	$\mathcal{O}(2; \{3^6, 4^7, 6, 12\})$	228261888
12	$\mathcal{O}(2; \{2^5, 4^9, 6, 12\})$	21233664
12	$\mathcal{O}(2; \{2, 3^3, 4^9, 6, 12\})$	106168320
12	$\mathcal{O}(2; \{2^2, 4^{11}, 6, 12\})$	84934656
12	$\mathcal{O}(2; \{2^{14}, 3, 4, 6^2, 12\})$	248832
12	$\mathcal{O}(2; \{2^{10}, 3^4, 4, 6^2, 12\})$	1741824
12	$\mathcal{O}(2; \{2^6, 3^7, 4, 6^2, 12\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3^{10}, 4, 6^2, 12\})$	113218560
12	$\mathcal{O}(2; \{2^{11}, 3, 4^3, 6^2, 12\})$	995328
12	$\mathcal{O}(2; \{2^7, 3^4, 4^3, 6^2, 12\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^7, 4^3, 6^2, 12\})$	56733696
12	$\mathcal{O}(2; \{2^8, 3, 4^5, 6^2, 12\})$	3981312
12	$\mathcal{O}(2; \{2^4, 3^4, 4^5, 6^2, 12\})$	27869184
12	$\mathcal{O}(2; \{3^7, 4^5, 6^2, 12\})$	226934784
12	$\mathcal{O}(2; \{2^5, 3, 4^7, 6^2, 12\})$	15925248
12	$\mathcal{O}(2; \{2, 3^4, 4^7, 6^2, 12\})$	111476736
12	$\mathcal{O}(2; \{2^2, 3, 4^9, 6^2, 12\})$	63700992
12	$\mathcal{O}(2; \{2^{11}, 3^2, 4, 6^3, 12\})$	912384
12	$\mathcal{O}(2; \{2^7, 3^5, 4, 6^3, 12\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3^8, 4, 6^3, 12\})$	56650752
12	$\mathcal{O}(2; \{2^8, 3^2, 4^3, 6^3, 12\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^5, 4^3, 6^3, 12\})$	28200960
12	$\mathcal{O}(2; \{3^8, 4^3, 6^3, 12\})$	226603008
12	$\mathcal{O}(2; \{2^5, 3^2, 4^5, 6^3, 12\})$	14598144
12	$\mathcal{O}(2; \{2, 3^5, 4^5, 6^3, 12\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3^2, 4^7, 6^3, 12\})$	58392576

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^{12}, 4, 6^4, 12\})$	414720
12	$\mathcal{O}(2; \{2^8, 3^3, 4, 6^4, 12\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3^6, 4, 6^4, 12\})$	28283904
12	$\mathcal{O}(2; \{3^9, 4, 6^4, 12\})$	226520064
12	$\mathcal{O}(2; \{2^9, 4^3, 6^4, 12\})$	1658880
12	$\mathcal{O}(2; \{2^5, 3^3, 4^3, 6^4, 12\})$	14266368
12	$\mathcal{O}(2; \{2, 3^6, 4^3, 6^4, 12\})$	113135616
12	$\mathcal{O}(2; \{2^6, 4^5, 6^4, 12\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^3, 4^5, 6^4, 12\})$	57065472
12	$\mathcal{O}(2; \{2^3, 4^7, 6^4, 12\})$	26542080
12	$\mathcal{O}(2; \{4^9, 6^4, 12\})$	106168320
12	$\mathcal{O}(2; \{2^9, 3, 4, 6^5, 12\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^4, 4, 6^5, 12\})$	14183424
12	$\mathcal{O}(2; \{2, 3^7, 4, 6^5, 12\})$	113218560
12	$\mathcal{O}(2; \{2^6, 3, 4^3, 6^5, 12\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^4, 4^3, 6^5, 12\})$	56733696
12	$\mathcal{O}(2; \{2^3, 3, 4^5, 6^5, 12\})$	27869184
12	$\mathcal{O}(2; \{3, 4^7, 6^5, 12\})$	111476736
12	$\mathcal{O}(2; \{2^6, 3^2, 4, 6^6, 12\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^5, 4, 6^6, 12\})$	56650752
12	$\mathcal{O}(2; \{2^3, 3^2, 4^3, 6^6, 12\})$	28200960
12	$\mathcal{O}(2; \{3^2, 4^5, 6^6, 12\})$	112803840
12	$\mathcal{O}(2; \{2^7, 4, 6^7, 12\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^3, 4, 6^7, 12\})$	28283904
12	$\mathcal{O}(2; \{2^4, 4^3, 6^7, 12\})$	14266368
12	$\mathcal{O}(2; \{3^3, 4^3, 6^7, 12\})$	113135616
12	$\mathcal{O}(2; \{2, 4^5, 6^7, 12\})$	57065472
12	$\mathcal{O}(2; \{2^4, 3, 4, 6^8, 12\})$	14183424
12	$\mathcal{O}(2; \{3^4, 4, 6^8, 12\})$	113218560
12	$\mathcal{O}(2; \{2, 3, 4^3, 6^8, 12\})$	56733696
12	$\mathcal{O}(2; \{2, 3^2, 4, 6^9, 12\})$	56650752
12	$\mathcal{O}(2; \{2^2, 4, 6^{10}, 12\})$	28283904
12	$\mathcal{O}(2; \{2^{17}, 3, 12^2\})$	82944
12	$\mathcal{O}(2; \{2^{13}, 3^4, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^9, 3^7, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^5, 3^{10}, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2, 3^{13}, 12^2\})$	452957184
12	$\mathcal{O}(2; \{2^{14}, 3, 4^2, 12^2\})$	331776
12	$\mathcal{O}(2; \{2^{10}, 3^4, 4^2, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^6, 3^7, 4^2, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^{10}, 4^2, 12^2\})$	226603008
12	$\mathcal{O}(2; \{2^{11}, 3, 4^4, 12^2\})$	1327104
12	$\mathcal{O}(2; \{2^7, 3^4, 4^4, 12^2\})$	14598144

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^3, 3^7, 4^4, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^8, 3, 4^6, 12^2\})$	5308416
12	$\mathcal{O}(2; \{2^4, 3^4, 4^6, 12^2\})$	58392576
12	$\mathcal{O}(2; \{3^7, 4^6, 12^2\})$	451215360
12	$\mathcal{O}(2; \{2^5, 3, 4^8, 12^2\})$	21233664
12	$\mathcal{O}(2; \{2, 3^4, 4^8, 12^2\})$	233570304
12	$\mathcal{O}(2; \{2^2, 3, 4^{10}, 12^2\})$	84934656
12	$\mathcal{O}(2; \{2^{14}, 3^2, 6, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^{10}, 3^5, 6, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^6, 3^8, 6, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^2, 3^{11}, 6, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2^{11}, 3^2, 4^2, 6, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^7, 3^5, 4^2, 6, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3^8, 4^2, 6, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^8, 3^2, 4^4, 6, 12^2\})$	6635520
12	$\mathcal{O}(2; \{2^4, 3^5, 4^4, 6, 12^2\})$	57065472
12	$\mathcal{O}(2; \{3^8, 4^4, 6, 12^2\})$	452542464
12	$\mathcal{O}(2; \{2^5, 3^2, 4^6, 6, 12^2\})$	26542080
12	$\mathcal{O}(2; \{2, 3^5, 4^6, 6, 12^2\})$	228261888
12	$\mathcal{O}(2; \{2^2, 3^2, 4^8, 6, 12^2\})$	106168320
12	$\mathcal{O}(2; \{2^{15}, 6^2, 12^2\})$	248832
12	$\mathcal{O}(2; \{2^{11}, 3^3, 6^2, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^7, 3^6, 6^2, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^3, 3^9, 6^2, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^{12}, 4^2, 6^2, 12^2\})$	995328
12	$\mathcal{O}(2; \{2^8, 3^3, 4^2, 6^2, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^6, 4^2, 6^2, 12^2\})$	56733696
12	$\mathcal{O}(2; \{3^9, 4^2, 6^2, 12^2\})$	452874240
12	$\mathcal{O}(2; \{2^9, 4^4, 6^2, 12^2\})$	3981312
12	$\mathcal{O}(2; \{2^5, 3^3, 4^4, 6^2, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2, 3^6, 4^4, 6^2, 12^2\})$	226934784
12	$\mathcal{O}(2; \{2^6, 4^6, 6^2, 12^2\})$	15925248
12	$\mathcal{O}(2; \{2^2, 3^3, 4^6, 6^2, 12^2\})$	111476736
12	$\mathcal{O}(2; \{2^3, 4^8, 6^2, 12^2\})$	63700992
12	$\mathcal{O}(2; \{4^{10}, 6^2, 12^2\})$	254803968
12	$\mathcal{O}(2; \{2^{12}, 3, 6^3, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^8, 3^4, 6^3, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^4, 3^7, 6^3, 12^2\})$	56650752
12	$\mathcal{O}(2; \{3^{10}, 6^3, 12^2\})$	452957184
12	$\mathcal{O}(2; \{2^9, 3, 4^2, 6^3, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^5, 3^4, 4^2, 6^3, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2, 3^7, 4^2, 6^3, 12^2\})$	226603008
12	$\mathcal{O}(2; \{2^6, 3, 4^4, 6^3, 12^2\})$	14598144

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^2, 3^4, 4^4, 6^3, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^3, 3, 4^6, 6^3, 12^2\})$	58392576
12	$\mathcal{O}(2; \{3, 4^8, 6^3, 12^2\})$	233570304
12	$\mathcal{O}(2; \{2^9, 3^2, 6^4, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^5, 3^5, 6^4, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2, 3^8, 6^4, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2^6, 3^2, 4^2, 6^4, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^5, 4^2, 6^4, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^3, 3^2, 4^4, 6^4, 12^2\})$	57065472
12	$\mathcal{O}(2; \{3^2, 4^6, 6^4, 12^2\})$	228261888
12	$\mathcal{O}(2; \{2^{10}, 6^5, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^6, 3^3, 6^5, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3^6, 6^5, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^7, 4^2, 6^5, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^3, 4^2, 6^5, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^4, 4^4, 6^5, 12^2\})$	27869184
12	$\mathcal{O}(2; \{3^3, 4^4, 6^5, 12^2\})$	226934784
12	$\mathcal{O}(2; \{2, 4^6, 6^5, 12^2\})$	111476736
12	$\mathcal{O}(2; \{2^7, 3, 6^6, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3^4, 6^6, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^4, 3, 4^2, 6^6, 12^2\})$	28200960
12	$\mathcal{O}(2; \{3^4, 4^2, 6^6, 12^2\})$	226603008
12	$\mathcal{O}(2; \{2, 3, 4^4, 6^6, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^4, 3^2, 6^7, 12^2\})$	28283904
12	$\mathcal{O}(2; \{3^5, 6^7, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2, 3^2, 4^2, 6^7, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^5, 6^8, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2, 3^3, 6^8, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^2, 4^2, 6^8, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^2, 3, 6^9, 12^2\})$	56650752
12	$\mathcal{O}(2; \{6^{11}, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^{15}, 4, 12^3\})$	331776
12	$\mathcal{O}(2; \{2^{11}, 3^3, 4, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^7, 3^6, 4, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2^3, 3^9, 4, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^{12}, 4^3, 12^3\})$	1327104
12	$\mathcal{O}(2; \{2^8, 3^3, 4^3, 12^3\})$	14598144
12	$\mathcal{O}(2; \{2^4, 3^6, 4^3, 12^3\})$	112803840
12	$\mathcal{O}(2; \{3^9, 4^3, 12^3\})$	906412032
12	$\mathcal{O}(2; \{2^9, 4^5, 12^3\})$	5308416
12	$\mathcal{O}(2; \{2^5, 3^3, 4^5, 12^3\})$	58392576
12	$\mathcal{O}(2; \{2, 3^6, 4^5, 12^3\})$	451215360
12	$\mathcal{O}(2; \{2^6, 4^7, 12^3\})$	21233664

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^2, 3^3, 4^7, 12^3\})$	233570304
12	$\mathcal{O}(2; \{2^3, 4^9, 12^3\})$	84934656
12	$\mathcal{O}(2; \{4^{11}, 12^3\})$	339738624
12	$\mathcal{O}(2; \{2^{12}, 3, 4, 6, 12^3\})$	1658880
12	$\mathcal{O}(2; \{2^8, 3^4, 4, 6, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^4, 3^7, 4, 6, 12^3\})$	113135616
12	$\mathcal{O}(2; \{3^{10}, 4, 6, 12^3\})$	906080256
12	$\mathcal{O}(2; \{2^9, 3, 4^3, 6, 12^3\})$	6635520
12	$\mathcal{O}(2; \{2^5, 3^4, 4^3, 6, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2, 3^7, 4^3, 6, 12^3\})$	452542464
12	$\mathcal{O}(2; \{2^6, 3, 4^5, 6, 12^3\})$	26542080
12	$\mathcal{O}(2; \{2^2, 3^4, 4^5, 6, 12^3\})$	228261888
12	$\mathcal{O}(2; \{2^3, 3, 4^7, 6, 12^3\})$	106168320
12	$\mathcal{O}(2; \{3, 4^9, 6, 12^3\})$	424673280
12	$\mathcal{O}(2; \{2^9, 3^2, 4, 6^2, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^5, 3^5, 4, 6^2, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2, 3^8, 4, 6^2, 12^3\})$	452874240
12	$\mathcal{O}(2; \{2^6, 3^2, 4^3, 6^2, 12^3\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^5, 4^3, 6^2, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2^3, 3^2, 4^5, 6^2, 12^3\})$	111476736
12	$\mathcal{O}(2; \{3^2, 4^7, 6^2, 12^3\})$	445906944
12	$\mathcal{O}(2; \{2^{10}, 4, 6^3, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^6, 3^3, 4, 6^3, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^6, 4, 6^3, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^7, 4^3, 6^3, 12^3\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3^3, 4^3, 6^3, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^4, 4^5, 6^3, 12^3\})$	58392576
12	$\mathcal{O}(2; \{3^3, 4^5, 6^3, 12^3\})$	451215360
12	$\mathcal{O}(2; \{2, 4^7, 6^3, 12^3\})$	233570304
12	$\mathcal{O}(2; \{2^7, 3, 4, 6^4, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3^4, 4, 6^4, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^4, 3, 4^3, 6^4, 12^3\})$	57065472
12	$\mathcal{O}(2; \{3^4, 4^3, 6^4, 12^3\})$	452542464
12	$\mathcal{O}(2; \{2, 3, 4^5, 6^4, 12^3\})$	228261888
12	$\mathcal{O}(2; \{2^4, 3^2, 4, 6^5, 12^3\})$	56733696
12	$\mathcal{O}(2; \{3^5, 4, 6^5, 12^3\})$	452874240
12	$\mathcal{O}(2; \{2, 3^2, 4^3, 6^5, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2^5, 4, 6^6, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2, 3^3, 4, 6^6, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^2, 4^3, 6^6, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3, 4, 6^7, 12^3\})$	113135616
12	$\mathcal{O}(2; \{4, 6^9, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^{12}, 3^2, 12^4\})$	3649536

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^8, 3^5, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^4, 3^8, 12^4\})$	226603008
12	$\mathcal{O}(2; \{3^{11}, 12^4\})$	1811828736
12	$\mathcal{O}(2; \{2^9, 3^2, 4^2, 12^4\})$	14598144
12	$\mathcal{O}(2; \{2^5, 3^5, 4^2, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2, 3^8, 4^2, 12^4\})$	906412032
12	$\mathcal{O}(2; \{2^6, 3^2, 4^4, 12^4\})$	58392576
12	$\mathcal{O}(2; \{2^2, 3^5, 4^4, 12^4\})$	451215360
12	$\mathcal{O}(2; \{2^3, 3^2, 4^6, 12^4\})$	233570304
12	$\mathcal{O}(2; \{3^2, 4^8, 12^4\})$	934281216
12	$\mathcal{O}(2; \{2^{13}, 6, 12^4\})$	1658880
12	$\mathcal{O}(2; \{2^9, 3^3, 6, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^5, 3^6, 6, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2, 3^9, 6, 12^4\})$	906080256
12	$\mathcal{O}(2; \{2^{10}, 4^2, 6, 12^4\})$	6635520
12	$\mathcal{O}(2; \{2^6, 3^3, 4^2, 6, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3^6, 4^2, 6, 12^4\})$	452542464
12	$\mathcal{O}(2; \{2^7, 4^4, 6, 12^4\})$	26542080
12	$\mathcal{O}(2; \{2^3, 3^3, 4^4, 6, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2^4, 4^6, 6, 12^4\})$	106168320
12	$\mathcal{O}(2; \{3^3, 4^6, 6, 12^4\})$	913047552
12	$\mathcal{O}(2; \{2, 4^8, 6, 12^4\})$	424673280
12	$\mathcal{O}(2; \{2^{10}, 3, 6^2, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^6, 3^4, 6^2, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^2, 3^7, 6^2, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2^7, 3, 4^2, 6^2, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^4, 4^2, 6^2, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^4, 3, 4^4, 6^2, 12^4\})$	111476736
12	$\mathcal{O}(2; \{3^4, 4^4, 6^2, 12^4\})$	907739136
12	$\mathcal{O}(2; \{2, 3, 4^6, 6^2, 12^4\})$	445906944
12	$\mathcal{O}(2; \{2^7, 3^2, 6^3, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^3, 3^5, 6^3, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^4, 3^2, 4^2, 6^3, 12^4\})$	112803840
12	$\mathcal{O}(2; \{3^5, 4^2, 6^3, 12^4\})$	906412032
12	$\mathcal{O}(2; \{2, 3^2, 4^4, 6^3, 12^4\})$	451215360
12	$\mathcal{O}(2; \{2^8, 6^4, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^4, 3^3, 6^4, 12^4\})$	113135616
12	$\mathcal{O}(2; \{3^6, 6^4, 12^4\})$	906080256
12	$\mathcal{O}(2; \{2^5, 4^2, 6^4, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2, 3^3, 4^2, 6^4, 12^4\})$	452542464
12	$\mathcal{O}(2; \{2^2, 4^4, 6^4, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2^5, 3, 6^5, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2, 3^4, 6^5, 12^4\})$	452874240

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^2, 3, 4^2, 6^5, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^2, 3^2, 6^6, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^3, 6^7, 12^4\})$	113135616
12	$\mathcal{O}(2; \{4^2, 6^7, 12^4\})$	452542464
12	$\mathcal{O}(2; \{3, 6^8, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2^{10}, 3, 4, 12^5\})$	14598144
12	$\mathcal{O}(2; \{2^6, 3^4, 4, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3^7, 4, 12^5\})$	906412032
12	$\mathcal{O}(2; \{2^7, 3, 4^3, 12^5\})$	58392576
12	$\mathcal{O}(2; \{2^3, 3^4, 4^3, 12^5\})$	451215360
12	$\mathcal{O}(2; \{2^4, 3, 4^5, 12^5\})$	233570304
12	$\mathcal{O}(2; \{3^4, 4^5, 12^5\})$	1804861440
12	$\mathcal{O}(2; \{2, 3, 4^7, 12^5\})$	934281216
12	$\mathcal{O}(2; \{2^7, 3^2, 4, 6, 12^5\})$	57065472
12	$\mathcal{O}(2; \{2^3, 3^5, 4, 6, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^4, 3^2, 4^3, 6, 12^5\})$	228261888
12	$\mathcal{O}(2; \{3^5, 4^3, 6, 12^5\})$	1810169856
12	$\mathcal{O}(2; \{2, 3^2, 4^5, 6, 12^5\})$	913047552
12	$\mathcal{O}(2; \{2^8, 4, 6^2, 12^5\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3^3, 4, 6^2, 12^5\})$	226934784
12	$\mathcal{O}(2; \{3^6, 4, 6^2, 12^5\})$	1811496960
12	$\mathcal{O}(2; \{2^5, 4^3, 6^2, 12^5\})$	111476736
12	$\mathcal{O}(2; \{2, 3^3, 4^3, 6^2, 12^5\})$	907739136
12	$\mathcal{O}(2; \{2^2, 4^5, 6^2, 12^5\})$	445906944
12	$\mathcal{O}(2; \{2^5, 3, 4, 6^3, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2, 3^4, 4, 6^3, 12^5\})$	906412032
12	$\mathcal{O}(2; \{2^2, 3, 4^3, 6^3, 12^5\})$	451215360
12	$\mathcal{O}(2; \{2^2, 3^2, 4, 6^4, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^3, 4, 6^5, 12^5\})$	226934784
12	$\mathcal{O}(2; \{4^3, 6^5, 12^5\})$	907739136
12	$\mathcal{O}(2; \{3, 4, 6^6, 12^5\})$	906412032
12	$\mathcal{O}(2; \{2^{11}, 12^6\})$	14598144
12	$\mathcal{O}(2; \{2^7, 3^3, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2^3, 3^6, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^8, 4^2, 12^6\})$	58392576
12	$\mathcal{O}(2; \{2^4, 3^3, 4^2, 12^6\})$	451215360
12	$\mathcal{O}(2; \{3^6, 4^2, 12^6\})$	3625648128
12	$\mathcal{O}(2; \{2^5, 4^4, 12^6\})$	233570304
12	$\mathcal{O}(2; \{2, 3^3, 4^4, 12^6\})$	1804861440
12	$\mathcal{O}(2; \{2^2, 4^6, 12^6\})$	934281216
12	$\mathcal{O}(2; \{2^8, 3, 6, 12^6\})$	57065472
12	$\mathcal{O}(2; \{2^4, 3^4, 6, 12^6\})$	452542464
12	$\mathcal{O}(2; \{3^7, 6, 12^6\})$	3624321024

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^5, 3, 4^2, 6, 12^6\})$	228261888
12	$\mathcal{O}(2; \{2, 3^4, 4^2, 6, 12^6\})$	1810169856
12	$\mathcal{O}(2; \{2^2, 3, 4^4, 6, 12^6\})$	913047552
12	$\mathcal{O}(2; \{2^5, 3^2, 6^2, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2, 3^5, 6^2, 12^6\})$	1811496960
12	$\mathcal{O}(2; \{2^2, 3^2, 4^2, 6^2, 12^6\})$	907739136
12	$\mathcal{O}(2; \{2^6, 6^3, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3^3, 6^3, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^3, 4^2, 6^3, 12^6\})$	451215360
12	$\mathcal{O}(2; \{4^4, 6^3, 12^6\})$	1804861440
12	$\mathcal{O}(2; \{2^3, 3, 6^4, 12^6\})$	452542464
12	$\mathcal{O}(2; \{3, 4^2, 6^4, 12^6\})$	1810169856
12	$\mathcal{O}(2; \{3^2, 6^5, 12^6\})$	1811496960
12	$\mathcal{O}(2; \{2, 6^6, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^5, 3^2, 4, 12^7\})$	451215360
12	$\mathcal{O}(2; \{2, 3^5, 4, 12^7\})$	3625648128
12	$\mathcal{O}(2; \{2^2, 3^2, 4^3, 12^7\})$	1804861440
12	$\mathcal{O}(2; \{2^6, 4, 6, 12^7\})$	228261888
12	$\mathcal{O}(2; \{2^2, 3^3, 4, 6, 12^7\})$	1810169856
12	$\mathcal{O}(2; \{2^3, 4^3, 6, 12^7\})$	913047552
12	$\mathcal{O}(2; \{4^5, 6, 12^7\})$	3652190208
12	$\mathcal{O}(2; \{2^3, 3, 4, 6^2, 12^7\})$	907739136
12	$\mathcal{O}(2; \{3, 4^3, 6^2, 12^7\})$	3630956544
12	$\mathcal{O}(2; \{3^2, 4, 6^3, 12^7\})$	3625648128
12	$\mathcal{O}(2; \{2, 4, 6^4, 12^7\})$	1810169856
12	$\mathcal{O}(2; \{2^6, 3, 12^8\})$	451215360
12	$\mathcal{O}(2; \{2^2, 3^4, 12^8\})$	3625648128
12	$\mathcal{O}(2; \{2^3, 3, 4^2, 12^8\})$	1804861440
12	$\mathcal{O}(2; \{3, 4^4, 12^8\})$	7219445760
12	$\mathcal{O}(2; \{2^3, 3^2, 6, 12^8\})$	1810169856
12	$\mathcal{O}(2; \{3^2, 4^2, 6, 12^8\})$	7240679424
12	$\mathcal{O}(2; \{2^4, 6^2, 12^8\})$	907739136
12	$\mathcal{O}(2; \{3^3, 6^2, 12^8\})$	7245987840
12	$\mathcal{O}(2; \{2, 4^2, 6^2, 12^8\})$	3630956544
12	$\mathcal{O}(2; \{2, 3, 6^3, 12^8\})$	3625648128
12	$\mathcal{O}(2; \{2^4, 4, 12^9\})$	1804861440
12	$\mathcal{O}(2; \{3^3, 4, 12^9\})$	14502592512
12	$\mathcal{O}(2; \{2, 4^3, 12^9\})$	7219445760
12	$\mathcal{O}(2; \{2, 3, 4, 6, 12^9\})$	7240679424
12	$\mathcal{O}(2; \{2, 3^2, 12^{10}\})$	14502592512
12	$\mathcal{O}(2; \{2^2, 6, 12^{10}\})$	7240679424
12	$\mathcal{O}(2; \{12^{12}\})$	58010370048
12	$\mathcal{O}(1; \{2^{26}\})$	96

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{22}, 3^3\})$	216
12	$\mathcal{O}(1; \{2^{18}, 3^6\})$	2376
12	$\mathcal{O}(1; \{2^{14}, 3^9\})$	18360
12	$\mathcal{O}(1; \{2^{10}, 3^{12}\})$	147528
12	$\mathcal{O}(1; \{2^6, 3^{15}\})$	1179576
12	$\mathcal{O}(1; \{2^2, 3^{18}\})$	9437256
12	$\mathcal{O}(1; \{2^{23}, 4^2\})$	256
12	$\mathcal{O}(1; \{2^{19}, 3^3, 4^2\})$	576
12	$\mathcal{O}(1; \{2^{15}, 3^6, 4^2\})$	6336
12	$\mathcal{O}(1; \{2^{11}, 3^9, 4^2\})$	48960
12	$\mathcal{O}(1; \{2^7, 3^{12}, 4^2\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^{15}, 4^2\})$	3145536
12	$\mathcal{O}(1; \{2^{20}, 4^4\})$	1024
12	$\mathcal{O}(1; \{2^{16}, 3^3, 4^4\})$	2304
12	$\mathcal{O}(1; \{2^{12}, 3^6, 4^4\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^9, 4^4\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^{12}, 4^4\})$	1573632
12	$\mathcal{O}(1; \{3^{15}, 4^4\})$	12582144
12	$\mathcal{O}(1; \{2^{17}, 4^6\})$	4096
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4^6\})$	9216
12	$\mathcal{O}(1; \{2^9, 3^6, 4^6\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^9, 4^6\})$	783360
12	$\mathcal{O}(1; \{2, 3^{12}, 4^6\})$	6294528
12	$\mathcal{O}(1; \{2^{14}, 4^8\})$	16384
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^8\})$	36864
12	$\mathcal{O}(1; \{2^6, 3^6, 4^8\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^9, 4^8\})$	3133440
12	$\mathcal{O}(1; \{2^{11}, 4^{10}\})$	65536
12	$\mathcal{O}(1; \{2^7, 3^3, 4^{10}\})$	147456
12	$\mathcal{O}(1; \{2^3, 3^6, 4^{10}\})$	1622016
12	$\mathcal{O}(1; \{2^8, 4^{12}\})$	262144
12	$\mathcal{O}(1; \{2^4, 3^3, 4^{12}\})$	589824
12	$\mathcal{O}(1; \{3^6, 4^{12}\})$	6488064
12	$\mathcal{O}(1; \{2^5, 4^{14}\})$	1048576
12	$\mathcal{O}(1; \{2, 3^3, 4^{14}\})$	2359296
12	$\mathcal{O}(1; \{2^2, 4^{16}\})$	4194304
12	$\mathcal{O}(1; \{2^{23}, 3, 6\})$	216
12	$\mathcal{O}(1; \{2^{19}, 3^4, 6\})$	1080
12	$\mathcal{O}(1; \{2^{15}, 3^7, 6\})$	9288
12	$\mathcal{O}(1; \{2^{11}, 3^{10}, 6\})$	73656
12	$\mathcal{O}(1; \{2^7, 3^{13}, 6\})$	589896
12	$\mathcal{O}(1; \{2^3, 3^{16}, 6\})$	4718520
12	$\mathcal{O}(1; \{2^{20}, 3, 4^2, 6\})$	576

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{16}, 3^4, 4^2, 6\})$	2880
12	$\mathcal{O}(1; \{2^{12}, 3^7, 4^2, 6\})$	24768
12	$\mathcal{O}(1; \{2^8, 3^{10}, 4^2, 6\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^{13}, 4^2, 6\})$	1573056
12	$\mathcal{O}(1; \{3^{16}, 4^2, 6\})$	12582720
12	$\mathcal{O}(1; \{2^{17}, 3, 4^4, 6\})$	2304
12	$\mathcal{O}(1; \{2^{13}, 3^4, 4^4, 6\})$	11520
12	$\mathcal{O}(1; \{2^9, 3^7, 4^4, 6\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^{10}, 4^4, 6\})$	785664
12	$\mathcal{O}(1; \{2, 3^{13}, 4^4, 6\})$	6292224
12	$\mathcal{O}(1; \{2^{14}, 3, 4^6, 6\})$	9216
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^6, 6\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^7, 4^6, 6\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^6, 6\})$	3142656
12	$\mathcal{O}(1; \{2^{11}, 3, 4^8, 6\})$	36864
12	$\mathcal{O}(1; \{2^7, 3^4, 4^8, 6\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^7, 4^8, 6\})$	1585152
12	$\mathcal{O}(1; \{2^8, 3, 4^{10}, 6\})$	147456
12	$\mathcal{O}(1; \{2^4, 3^4, 4^{10}, 6\})$	737280
12	$\mathcal{O}(1; \{3^7, 4^{10}, 6\})$	6340608
12	$\mathcal{O}(1; \{2^5, 3, 4^{12}, 6\})$	589824
12	$\mathcal{O}(1; \{2, 3^4, 4^{12}, 6\})$	2949120
12	$\mathcal{O}(1; \{2^2, 3, 4^{14}, 6\})$	2359296
12	$\mathcal{O}(1; \{2^{20}, 3^2, 6^2\})$	648
12	$\mathcal{O}(1; \{2^{16}, 3^5, 6^2\})$	4536
12	$\mathcal{O}(1; \{2^{12}, 3^8, 6^2\})$	36936
12	$\mathcal{O}(1; \{2^8, 3^{11}, 6^2\})$	294840
12	$\mathcal{O}(1; \{2^4, 3^{14}, 6^2\})$	2359368
12	$\mathcal{O}(1; \{3^{17}, 6^2\})$	18874296
12	$\mathcal{O}(1; \{2^{17}, 3^2, 4^2, 6^2\})$	1728
12	$\mathcal{O}(1; \{2^{13}, 3^5, 4^2, 6^2\})$	12096
12	$\mathcal{O}(1; \{2^9, 3^8, 4^2, 6^2\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^{11}, 4^2, 6^2\})$	786240
12	$\mathcal{O}(1; \{2, 3^{14}, 4^2, 6^2\})$	6291648
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4^4, 6^2\})$	6912
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4^4, 6^2\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^8, 4^4, 6^2\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4^4, 6^2\})$	3144960
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^6, 6^2\})$	27648
12	$\mathcal{O}(1; \{2^7, 3^5, 4^6, 6^2\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^8, 4^6, 6^2\})$	1575936
12	$\mathcal{O}(1; \{2^8, 3^2, 4^8, 6^2\})$	110592
12	$\mathcal{O}(1; \{2^4, 3^5, 4^8, 6^2\})$	774144

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^8, 4^8, 6^2\})$	6303744
12	$\mathcal{O}(1; \{2^5, 3^2, 4^{10}, 6^2\})$	442368
12	$\mathcal{O}(1; \{2, 3^5, 4^{10}, 6^2\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3^2, 4^{12}, 6^2\})$	1769472
12	$\mathcal{O}(1; \{2^{21}, 6^3\})$	216
12	$\mathcal{O}(1; \{2^{17}, 3^3, 6^3\})$	2376
12	$\mathcal{O}(1; \{2^{13}, 3^6, 6^3\})$	18360
12	$\mathcal{O}(1; \{2^9, 3^9, 6^3\})$	147528
12	$\mathcal{O}(1; \{2^5, 3^{12}, 6^3\})$	1179576
12	$\mathcal{O}(1; \{2, 3^{15}, 6^3\})$	9437256
12	$\mathcal{O}(1; \{2^{18}, 4^2, 6^3\})$	576
12	$\mathcal{O}(1; \{2^{14}, 3^3, 4^2, 6^3\})$	6336
12	$\mathcal{O}(1; \{2^{10}, 3^6, 4^2, 6^3\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^9, 4^2, 6^3\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^{12}, 4^2, 6^3\})$	3145536
12	$\mathcal{O}(1; \{2^{15}, 4^4, 6^3\})$	2304
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^4, 6^3\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^6, 4^4, 6^3\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^9, 4^4, 6^3\})$	1573632
12	$\mathcal{O}(1; \{2^{12}, 4^6, 6^3\})$	9216
12	$\mathcal{O}(1; \{2^8, 3^3, 4^6, 6^3\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^6, 4^6, 6^3\})$	783360
12	$\mathcal{O}(1; \{3^9, 4^6, 6^3\})$	6294528
12	$\mathcal{O}(1; \{2^9, 4^8, 6^3\})$	36864
12	$\mathcal{O}(1; \{2^5, 3^3, 4^8, 6^3\})$	405504
12	$\mathcal{O}(1; \{2, 3^6, 4^8, 6^3\})$	3133440
12	$\mathcal{O}(1; \{2^6, 4^{10}, 6^3\})$	147456
12	$\mathcal{O}(1; \{2^2, 3^3, 4^{10}, 6^3\})$	1622016
12	$\mathcal{O}(1; \{2^3, 4^{12}, 6^3\})$	589824
12	$\mathcal{O}(1; \{4^{14}, 6^3\})$	2359296
12	$\mathcal{O}(1; \{2^{18}, 3, 6^4\})$	1080
12	$\mathcal{O}(1; \{2^{14}, 3^4, 6^4\})$	9288
12	$\mathcal{O}(1; \{2^{10}, 3^7, 6^4\})$	73656
12	$\mathcal{O}(1; \{2^6, 3^{10}, 6^4\})$	589896
12	$\mathcal{O}(1; \{2^2, 3^{13}, 6^4\})$	4718520
12	$\mathcal{O}(1; \{2^{15}, 3, 4^2, 6^4\})$	2880
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^2, 6^4\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^7, 4^2, 6^4\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^2, 6^4\})$	1573056
12	$\mathcal{O}(1; \{2^{12}, 3, 4^4, 6^4\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^4, 4^4, 6^4\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^7, 4^4, 6^4\})$	785664
12	$\mathcal{O}(1; \{3^{10}, 4^4, 6^4\})$	6292224

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^9, 3, 4^6, 6^4\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^4, 4^6, 6^4\})$	396288
12	$\mathcal{O}(1; \{2, 3^7, 4^6, 6^4\})$	3142656
12	$\mathcal{O}(1; \{2^6, 3, 4^8, 6^4\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^4, 4^8, 6^4\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3, 4^{10}, 6^4\})$	737280
12	$\mathcal{O}(1; \{3, 4^{12}, 6^4\})$	2949120
12	$\mathcal{O}(1; \{2^{15}, 3^2, 6^5\})$	4536
12	$\mathcal{O}(1; \{2^{11}, 3^5, 6^5\})$	36936
12	$\mathcal{O}(1; \{2^7, 3^8, 6^5\})$	294840
12	$\mathcal{O}(1; \{2^3, 3^{11}, 6^5\})$	2359368
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^2, 6^5\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^5, 4^2, 6^5\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^8, 4^2, 6^5\})$	786240
12	$\mathcal{O}(1; \{3^{11}, 4^2, 6^5\})$	6291648
12	$\mathcal{O}(1; \{2^9, 3^2, 4^4, 6^5\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^5, 4^4, 6^5\})$	393984
12	$\mathcal{O}(1; \{2, 3^8, 4^4, 6^5\})$	3144960
12	$\mathcal{O}(1; \{2^6, 3^2, 4^6, 6^5\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^5, 4^6, 6^5\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^2, 4^8, 6^5\})$	774144
12	$\mathcal{O}(1; \{3^2, 4^{10}, 6^5\})$	3096576
12	$\mathcal{O}(1; \{2^{16}, 6^6\})$	2376
12	$\mathcal{O}(1; \{2^{12}, 3^3, 6^6\})$	18360
12	$\mathcal{O}(1; \{2^8, 3^6, 6^6\})$	147528
12	$\mathcal{O}(1; \{2^4, 3^9, 6^6\})$	1179576
12	$\mathcal{O}(1; \{3^{12}, 6^6\})$	9437256
12	$\mathcal{O}(1; \{2^{13}, 4^2, 6^6\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^3, 4^2, 6^6\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^6, 4^2, 6^6\})$	393408
12	$\mathcal{O}(1; \{2, 3^9, 4^2, 6^6\})$	3145536
12	$\mathcal{O}(1; \{2^{10}, 4^4, 6^6\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^3, 4^4, 6^6\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^6, 4^4, 6^6\})$	1573632
12	$\mathcal{O}(1; \{2^7, 4^6, 6^6\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^3, 4^6, 6^6\})$	783360
12	$\mathcal{O}(1; \{2^4, 4^8, 6^6\})$	405504
12	$\mathcal{O}(1; \{3^3, 4^8, 6^6\})$	3133440
12	$\mathcal{O}(1; \{2, 4^{10}, 6^6\})$	1622016
12	$\mathcal{O}(1; \{2^{13}, 3, 6^7\})$	9288
12	$\mathcal{O}(1; \{2^9, 3^4, 6^7\})$	73656
12	$\mathcal{O}(1; \{2^5, 3^7, 6^7\})$	589896
12	$\mathcal{O}(1; \{2, 3^{10}, 6^7\})$	4718520

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{10}, 3, 4^2, 6^7\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^4, 4^2, 6^7\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^7, 4^2, 6^7\})$	1573056
12	$\mathcal{O}(1; \{2^7, 3, 4^4, 6^7\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^4, 4^4, 6^7\})$	785664
12	$\mathcal{O}(1; \{2^4, 3, 4^6, 6^7\})$	396288
12	$\mathcal{O}(1; \{3^4, 4^6, 6^7\})$	3142656
12	$\mathcal{O}(1; \{2, 3, 4^8, 6^7\})$	1585152
12	$\mathcal{O}(1; \{2^{10}, 3^2, 6^8\})$	36936
12	$\mathcal{O}(1; \{2^6, 3^5, 6^8\})$	294840
12	$\mathcal{O}(1; \{2^2, 3^8, 6^8\})$	2359368
12	$\mathcal{O}(1; \{2^7, 3^2, 4^2, 6^8\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^5, 4^2, 6^8\})$	786240
12	$\mathcal{O}(1; \{2^4, 3^2, 4^4, 6^8\})$	393984
12	$\mathcal{O}(1; \{3^5, 4^4, 6^8\})$	3144960
12	$\mathcal{O}(1; \{2, 3^2, 4^6, 6^8\})$	1575936
12	$\mathcal{O}(1; \{2^{11}, 6^9\})$	18360
12	$\mathcal{O}(1; \{2^7, 3^3, 6^9\})$	147528
12	$\mathcal{O}(1; \{2^3, 3^6, 6^9\})$	1179576
12	$\mathcal{O}(1; \{2^8, 4^2, 6^9\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^3, 4^2, 6^9\})$	393408
12	$\mathcal{O}(1; \{3^6, 4^2, 6^9\})$	3145536
12	$\mathcal{O}(1; \{2^5, 4^4, 6^9\})$	195840
12	$\mathcal{O}(1; \{2, 3^3, 4^4, 6^9\})$	1573632
12	$\mathcal{O}(1; \{2^2, 4^6, 6^9\})$	783360
12	$\mathcal{O}(1; \{2^8, 3, 6^{10}\})$	73656
12	$\mathcal{O}(1; \{2^4, 3^4, 6^{10}\})$	589896
12	$\mathcal{O}(1; \{3^7, 6^{10}\})$	4718520
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 6^{10}\})$	196416
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 6^{10}\})$	1573056
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 6^{10}\})$	785664
12	$\mathcal{O}(1; \{2^5, 3^2, 6^{11}\})$	294840
12	$\mathcal{O}(1; \{2, 3^5, 6^{11}\})$	2359368
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^{11}\})$	786240
12	$\mathcal{O}(1; \{2^6, 6^{12}\})$	147528
12	$\mathcal{O}(1; \{2^2, 3^3, 6^{12}\})$	1179576
12	$\mathcal{O}(1; \{2^3, 4^2, 6^{12}\})$	393408
12	$\mathcal{O}(1; \{4^4, 6^{12}\})$	1573632
12	$\mathcal{O}(1; \{2^3, 3, 6^{13}\})$	589896
12	$\mathcal{O}(1; \{3, 4^2, 6^{13}\})$	1573056
12	$\mathcal{O}(1; \{3^2, 6^{14}\})$	2359368
12	$\mathcal{O}(1; \{2, 6^{15}\})$	1179576
12	$\mathcal{O}(1; \{2^{20}, 3^2, 4, 12\})$	576

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{16}, 3^5, 4, 12\})$	6336
12	$\mathcal{O}(1; \{2^{12}, 3^8, 4, 12\})$	48960
12	$\mathcal{O}(1; \{2^8, 3^{11}, 4, 12\})$	393408
12	$\mathcal{O}(1; \{2^4, 3^{14}, 4, 12\})$	3145536
12	$\mathcal{O}(1; \{3^{17}, 4, 12\})$	25166016
12	$\mathcal{O}(1; \{2^{17}, 3^2, 4^3, 12\})$	2304
12	$\mathcal{O}(1; \{2^{13}, 3^5, 4^3, 12\})$	25344
12	$\mathcal{O}(1; \{2^9, 3^8, 4^3, 12\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^{11}, 4^3, 12\})$	1573632
12	$\mathcal{O}(1; \{2, 3^{14}, 4^3, 12\})$	12582144
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4^5, 12\})$	9216
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4^5, 12\})$	101376
12	$\mathcal{O}(1; \{2^6, 3^8, 4^5, 12\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4^5, 12\})$	6294528
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^7, 12\})$	36864
12	$\mathcal{O}(1; \{2^7, 3^5, 4^7, 12\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^8, 4^7, 12\})$	3133440
12	$\mathcal{O}(1; \{2^8, 3^2, 4^9, 12\})$	147456
12	$\mathcal{O}(1; \{2^4, 3^5, 4^9, 12\})$	1622016
12	$\mathcal{O}(1; \{3^8, 4^9, 12\})$	12533760
12	$\mathcal{O}(1; \{2^5, 3^2, 4^{11}, 12\})$	589824
12	$\mathcal{O}(1; \{2, 3^5, 4^{11}, 12\})$	6488064
12	$\mathcal{O}(1; \{2^2, 3^2, 4^{13}, 12\})$	2359296
12	$\mathcal{O}(1; \{2^{21}, 4, 6, 12\})$	576
12	$\mathcal{O}(1; \{2^{17}, 3^3, 4, 6, 12\})$	2880
12	$\mathcal{O}(1; \{2^{13}, 3^6, 4, 6, 12\})$	24768
12	$\mathcal{O}(1; \{2^9, 3^9, 4, 6, 12\})$	196416
12	$\mathcal{O}(1; \{2^5, 3^{12}, 4, 6, 12\})$	1573056
12	$\mathcal{O}(1; \{2, 3^{15}, 4, 6, 12\})$	12582720
12	$\mathcal{O}(1; \{2^{18}, 4^3, 6, 12\})$	2304
12	$\mathcal{O}(1; \{2^{14}, 3^3, 4^3, 6, 12\})$	11520
12	$\mathcal{O}(1; \{2^{10}, 3^6, 4^3, 6, 12\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^9, 4^3, 6, 12\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^{12}, 4^3, 6, 12\})$	6292224
12	$\mathcal{O}(1; \{2^{15}, 4^5, 6, 12\})$	9216
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^5, 6, 12\})$	46080
12	$\mathcal{O}(1; \{2^7, 3^6, 4^5, 6, 12\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^9, 4^5, 6, 12\})$	3142656
12	$\mathcal{O}(1; \{2^{12}, 4^7, 6, 12\})$	36864
12	$\mathcal{O}(1; \{2^8, 3^3, 4^7, 6, 12\})$	184320
12	$\mathcal{O}(1; \{2^4, 3^6, 4^7, 6, 12\})$	1585152
12	$\mathcal{O}(1; \{3^9, 4^7, 6, 12\})$	12570624
12	$\mathcal{O}(1; \{2^9, 4^9, 6, 12\})$	147456

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^5, 3^3, 4^9, 6, 12\})$	737280
12	$\mathcal{O}(1; \{2, 3^6, 4^9, 6, 12\})$	6340608
12	$\mathcal{O}(1; \{2^6, 4^{11}, 6, 12\})$	589824
12	$\mathcal{O}(1; \{2^2, 3^3, 4^{11}, 6, 12\})$	2949120
12	$\mathcal{O}(1; \{2^3, 4^{13}, 6, 12\})$	2359296
12	$\mathcal{O}(1; \{4^{15}, 6, 12\})$	9437184
12	$\mathcal{O}(1; \{2^{18}, 3, 4, 6^2, 12\})$	1728
12	$\mathcal{O}(1; \{2^{14}, 3^4, 4, 6^2, 12\})$	12096
12	$\mathcal{O}(1; \{2^{10}, 3^7, 4, 6^2, 12\})$	98496
12	$\mathcal{O}(1; \{2^6, 3^{10}, 4, 6^2, 12\})$	786240
12	$\mathcal{O}(1; \{2^2, 3^{13}, 4, 6^2, 12\})$	6291648
12	$\mathcal{O}(1; \{2^{15}, 3, 4^3, 6^2, 12\})$	6912
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^3, 6^2, 12\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^7, 4^3, 6^2, 12\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^3, 6^2, 12\})$	3144960
12	$\mathcal{O}(1; \{2^{12}, 3, 4^5, 6^2, 12\})$	27648
12	$\mathcal{O}(1; \{2^8, 3^4, 4^5, 6^2, 12\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^7, 4^5, 6^2, 12\})$	1575936
12	$\mathcal{O}(1; \{3^{10}, 4^5, 6^2, 12\})$	12579840
12	$\mathcal{O}(1; \{2^9, 3, 4^7, 6^2, 12\})$	110592
12	$\mathcal{O}(1; \{2^5, 3^4, 4^7, 6^2, 12\})$	774144
12	$\mathcal{O}(1; \{2, 3^7, 4^7, 6^2, 12\})$	6303744
12	$\mathcal{O}(1; \{2^6, 3, 4^9, 6^2, 12\})$	442368
12	$\mathcal{O}(1; \{2^2, 3^4, 4^9, 6^2, 12\})$	3096576
12	$\mathcal{O}(1; \{2^3, 3, 4^{11}, 6^2, 12\})$	1769472
12	$\mathcal{O}(1; \{3, 4^{13}, 6^2, 12\})$	7077888
12	$\mathcal{O}(1; \{2^{15}, 3^2, 4, 6^3, 12\})$	6336
12	$\mathcal{O}(1; \{2^{11}, 3^5, 4, 6^3, 12\})$	48960
12	$\mathcal{O}(1; \{2^7, 3^8, 4, 6^3, 12\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^{11}, 4, 6^3, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^3, 6^3, 12\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^5, 4^3, 6^3, 12\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^8, 4^3, 6^3, 12\})$	1573632
12	$\mathcal{O}(1; \{3^{11}, 4^3, 6^3, 12\})$	12582144
12	$\mathcal{O}(1; \{2^9, 3^2, 4^5, 6^3, 12\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^5, 4^5, 6^3, 12\})$	783360
12	$\mathcal{O}(1; \{2, 3^8, 4^5, 6^3, 12\})$	6294528
12	$\mathcal{O}(1; \{2^6, 3^2, 4^7, 6^3, 12\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^5, 4^7, 6^3, 12\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3^2, 4^9, 6^3, 12\})$	1622016
12	$\mathcal{O}(1; \{3^2, 4^{11}, 6^3, 12\})$	6488064
12	$\mathcal{O}(1; \{2^{16}, 4, 6^4, 12\})$	2880
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4, 6^4, 12\})$	24768

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^8, 3^6, 4, 6^4, 12\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^9, 4, 6^4, 12\})$	1573056
12	$\mathcal{O}(1; \{3^{12}, 4, 6^4, 12\})$	12582720
12	$\mathcal{O}(1; \{2^{13}, 4^3, 6^4, 12\})$	11520
12	$\mathcal{O}(1; \{2^9, 3^3, 4^3, 6^4, 12\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^6, 4^3, 6^4, 12\})$	785664
12	$\mathcal{O}(1; \{2, 3^9, 4^3, 6^4, 12\})$	6292224
12	$\mathcal{O}(1; \{2^{10}, 4^5, 6^4, 12\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^3, 4^5, 6^4, 12\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^6, 4^5, 6^4, 12\})$	3142656
12	$\mathcal{O}(1; \{2^7, 4^7, 6^4, 12\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^3, 4^7, 6^4, 12\})$	1585152
12	$\mathcal{O}(1; \{2^4, 4^9, 6^4, 12\})$	737280
12	$\mathcal{O}(1; \{3^3, 4^9, 6^4, 12\})$	6340608
12	$\mathcal{O}(1; \{2, 4^{11}, 6^4, 12\})$	2949120
12	$\mathcal{O}(1; \{2^{13}, 3, 4, 6^5, 12\})$	12096
12	$\mathcal{O}(1; \{2^9, 3^4, 4, 6^5, 12\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^7, 4, 6^5, 12\})$	786240
12	$\mathcal{O}(1; \{2, 3^{10}, 4, 6^5, 12\})$	6291648
12	$\mathcal{O}(1; \{2^{10}, 3, 4^3, 6^5, 12\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^4, 4^3, 6^5, 12\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^7, 4^3, 6^5, 12\})$	3144960
12	$\mathcal{O}(1; \{2^7, 3, 4^5, 6^5, 12\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^4, 4^5, 6^5, 12\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3, 4^7, 6^5, 12\})$	774144
12	$\mathcal{O}(1; \{3^4, 4^7, 6^5, 12\})$	6303744
12	$\mathcal{O}(1; \{2, 3, 4^9, 6^5, 12\})$	3096576
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4, 6^6, 12\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^5, 4, 6^6, 12\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^8, 4, 6^6, 12\})$	3145536
12	$\mathcal{O}(1; \{2^7, 3^2, 4^3, 6^6, 12\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^5, 4^3, 6^6, 12\})$	1573632
12	$\mathcal{O}(1; \{2^4, 3^2, 4^5, 6^6, 12\})$	783360
12	$\mathcal{O}(1; \{3^5, 4^5, 6^6, 12\})$	6294528
12	$\mathcal{O}(1; \{2, 3^2, 4^7, 6^6, 12\})$	3133440
12	$\mathcal{O}(1; \{2^{11}, 4, 6^7, 12\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^3, 4, 6^7, 12\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^6, 4, 6^7, 12\})$	1573056
12	$\mathcal{O}(1; \{2^8, 4^3, 6^7, 12\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^3, 4^3, 6^7, 12\})$	785664
12	$\mathcal{O}(1; \{3^6, 4^3, 6^7, 12\})$	6292224
12	$\mathcal{O}(1; \{2^5, 4^5, 6^7, 12\})$	396288
12	$\mathcal{O}(1; \{2, 3^3, 4^5, 6^7, 12\})$	3142656

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 4^7, 6^7, 12\})$	1585152
12	$\mathcal{O}(1; \{2^8, 3, 4, 6^8, 12\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^4, 4, 6^8, 12\})$	786240
12	$\mathcal{O}(1; \{3^7, 4, 6^8, 12\})$	6291648
12	$\mathcal{O}(1; \{2^5, 3, 4^3, 6^8, 12\})$	393984
12	$\mathcal{O}(1; \{2, 3^4, 4^3, 6^8, 12\})$	3144960
12	$\mathcal{O}(1; \{2^2, 3, 4^5, 6^8, 12\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3^2, 4, 6^9, 12\})$	393408
12	$\mathcal{O}(1; \{2, 3^5, 4, 6^9, 12\})$	3145536
12	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 6^9, 12\})$	1573632
12	$\mathcal{O}(1; \{2^6, 4, 6^{10}, 12\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 6^{10}, 12\})$	1573056
12	$\mathcal{O}(1; \{2^3, 4^3, 6^{10}, 12\})$	785664
12	$\mathcal{O}(1; \{4^5, 6^{10}, 12\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3, 4, 6^{11}, 12\})$	786240
12	$\mathcal{O}(1; \{3, 4^3, 6^{11}, 12\})$	3144960
12	$\mathcal{O}(1; \{3^2, 4, 6^{12}, 12\})$	3145536
12	$\mathcal{O}(1; \{2, 4, 6^{13}, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{21}, 3, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{17}, 3^4, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^{13}, 3^7, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^9, 3^{10}, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^5, 3^{13}, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2, 3^{16}, 12^2\})$	25166016
12	$\mathcal{O}(1; \{2^{18}, 3, 4^2, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^{14}, 3^4, 4^2, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^{10}, 3^7, 4^2, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^6, 3^{10}, 4^2, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^{13}, 4^2, 12^2\})$	12582144
12	$\mathcal{O}(1; \{2^{15}, 3, 4^4, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^4, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^7, 3^7, 4^4, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^4, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^{12}, 3, 4^6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^8, 3^4, 4^6, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^4, 3^7, 4^6, 12^2\})$	3133440
12	$\mathcal{O}(1; \{3^{10}, 4^6, 12^2\})$	25178112
12	$\mathcal{O}(1; \{2^9, 3, 4^8, 12^2\})$	147456
12	$\mathcal{O}(1; \{2^5, 3^4, 4^8, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2, 3^7, 4^8, 12^2\})$	12533760
12	$\mathcal{O}(1; \{2^6, 3, 4^{10}, 12^2\})$	589824
12	$\mathcal{O}(1; \{2^2, 3^4, 4^{10}, 12^2\})$	6488064
12	$\mathcal{O}(1; \{2^3, 3, 4^{12}, 12^2\})$	2359296

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3, 4^{14}, 12^2\})$	9437184
12	$\mathcal{O}(1; \{2^{18}, 3^2, 6, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{14}, 3^5, 6, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^{10}, 3^8, 6, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^6, 3^{11}, 6, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^2, 3^{14}, 6, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^{15}, 3^2, 4^2, 6, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^{11}, 3^5, 4^2, 6, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^7, 3^8, 4^2, 6, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^{11}, 4^2, 6, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^4, 6, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^8, 3^5, 4^4, 6, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^8, 4^4, 6, 12^2\})$	3142656
12	$\mathcal{O}(1; \{3^{11}, 4^4, 6, 12^2\})$	25168896
12	$\mathcal{O}(1; \{2^9, 3^2, 4^6, 6, 12^2\})$	184320
12	$\mathcal{O}(1; \{2^5, 3^5, 4^6, 6, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2, 3^8, 4^6, 6, 12^2\})$	12570624
12	$\mathcal{O}(1; \{2^6, 3^2, 4^8, 6, 12^2\})$	737280
12	$\mathcal{O}(1; \{2^2, 3^5, 4^8, 6, 12^2\})$	6340608
12	$\mathcal{O}(1; \{2^3, 3^2, 4^{10}, 6, 12^2\})$	2949120
12	$\mathcal{O}(1; \{3^2, 4^{12}, 6, 12^2\})$	11796480
12	$\mathcal{O}(1; \{2^{19}, 6^2, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{15}, 3^3, 6^2, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^{11}, 3^6, 6^2, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^7, 3^9, 6^2, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^3, 3^{12}, 6^2, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{16}, 4^2, 6^2, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^2, 6^2, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^8, 3^6, 4^2, 6^2, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^9, 4^2, 6^2, 12^2\})$	3144960
12	$\mathcal{O}(1; \{3^{12}, 4^2, 6^2, 12^2\})$	25166592
12	$\mathcal{O}(1; \{2^{13}, 4^4, 6^2, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^9, 3^3, 4^4, 6^2, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^6, 4^4, 6^2, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2, 3^9, 4^4, 6^2, 12^2\})$	12579840
12	$\mathcal{O}(1; \{2^{10}, 4^6, 6^2, 12^2\})$	110592
12	$\mathcal{O}(1; \{2^6, 3^3, 4^6, 6^2, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^6, 4^6, 6^2, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^7, 4^8, 6^2, 12^2\})$	442368
12	$\mathcal{O}(1; \{2^3, 3^3, 4^8, 6^2, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^4, 4^{10}, 6^2, 12^2\})$	1769472
12	$\mathcal{O}(1; \{3^3, 4^{10}, 6^2, 12^2\})$	12386304
12	$\mathcal{O}(1; \{2, 4^{12}, 6^2, 12^2\})$	7077888

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{16}, 3, 6^3, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^{12}, 3^4, 6^3, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^8, 3^7, 6^3, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^4, 3^{10}, 6^3, 12^2\})$	3145536
12	$\mathcal{O}(1; \{3^{13}, 6^3, 12^2\})$	25166016
12	$\mathcal{O}(1; \{2^{13}, 3, 4^2, 6^3, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^9, 3^4, 4^2, 6^3, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^7, 4^2, 6^3, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2, 3^{10}, 4^2, 6^3, 12^2\})$	12582144
12	$\mathcal{O}(1; \{2^{10}, 3, 4^4, 6^3, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^6, 3^4, 4^4, 6^3, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^7, 4^4, 6^3, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^7, 3, 4^6, 6^3, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^4, 4^6, 6^3, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3, 4^8, 6^3, 12^2\})$	1622016
12	$\mathcal{O}(1; \{3^4, 4^8, 6^3, 12^2\})$	12533760
12	$\mathcal{O}(1; \{2, 3, 4^{10}, 6^3, 12^2\})$	6488064
12	$\mathcal{O}(1; \{2^{13}, 3^2, 6^4, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^9, 3^5, 6^4, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^5, 3^8, 6^4, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2, 3^{11}, 6^4, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^2, 6^4, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^5, 4^2, 6^4, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^8, 4^2, 6^4, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^7, 3^2, 4^4, 6^4, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^5, 4^4, 6^4, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^4, 3^2, 4^6, 6^4, 12^2\})$	1585152
12	$\mathcal{O}(1; \{3^5, 4^6, 6^4, 12^2\})$	12570624
12	$\mathcal{O}(1; \{2, 3^2, 4^8, 6^4, 12^2\})$	6340608
12	$\mathcal{O}(1; \{2^{14}, 6^5, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^{10}, 3^3, 6^5, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^6, 3^6, 6^5, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^2, 3^9, 6^5, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{11}, 4^2, 6^5, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^3, 4^2, 6^5, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^6, 4^2, 6^5, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^8, 4^4, 6^5, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^3, 4^4, 6^5, 12^2\})$	1575936
12	$\mathcal{O}(1; \{3^6, 4^4, 6^5, 12^2\})$	12579840
12	$\mathcal{O}(1; \{2^5, 4^6, 6^5, 12^2\})$	774144
12	$\mathcal{O}(1; \{2, 3^3, 4^6, 6^5, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^2, 4^8, 6^5, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2^{11}, 3, 6^6, 12^2\})$	48960

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^7, 3^4, 6^6, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^7, 6^6, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^8, 3, 4^2, 6^6, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^4, 4^2, 6^6, 12^2\})$	1573632
12	$\mathcal{O}(1; \{3^7, 4^2, 6^6, 12^2\})$	12582144
12	$\mathcal{O}(1; \{2^5, 3, 4^4, 6^6, 12^2\})$	783360
12	$\mathcal{O}(1; \{2, 3^4, 4^4, 6^6, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^2, 3, 4^6, 6^6, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^8, 3^2, 6^7, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^5, 6^7, 12^2\})$	1573056
12	$\mathcal{O}(1; \{3^8, 6^7, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 6^7, 12^2\})$	785664
12	$\mathcal{O}(1; \{2, 3^5, 4^2, 6^7, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 6^7, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^9, 6^8, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^3, 6^8, 12^2\})$	786240
12	$\mathcal{O}(1; \{2, 3^6, 6^8, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^6, 4^2, 6^8, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6^8, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^3, 4^4, 6^8, 12^2\})$	1575936
12	$\mathcal{O}(1; \{4^6, 6^8, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^6, 3, 6^9, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^4, 6^9, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^9, 12^2\})$	1573632
12	$\mathcal{O}(1; \{3, 4^4, 6^9, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^3, 3^2, 6^{10}, 12^2\})$	1573056
12	$\mathcal{O}(1; \{3^2, 4^2, 6^{10}, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^4, 6^{11}, 12^2\})$	786240
12	$\mathcal{O}(1; \{3^3, 6^{11}, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2, 4^2, 6^{11}, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2, 3, 6^{12}, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{19}, 4, 12^3\})$	2304
12	$\mathcal{O}(1; \{2^{15}, 3^3, 4, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^{11}, 3^6, 4, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^7, 3^9, 4, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^3, 3^{12}, 4, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^{16}, 4^3, 12^3\})$	9216
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^3, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^8, 3^6, 4^3, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^9, 4^3, 12^3\})$	6294528
12	$\mathcal{O}(1; \{3^{12}, 4^3, 12^3\})$	50328576
12	$\mathcal{O}(1; \{2^{13}, 4^5, 12^3\})$	36864
12	$\mathcal{O}(1; \{2^9, 3^3, 4^5, 12^3\})$	405504

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^5, 3^6, 4^5, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2, 3^9, 4^5, 12^3\})$	25178112
12	$\mathcal{O}(1; \{2^{10}, 4^7, 12^3\})$	147456
12	$\mathcal{O}(1; \{2^6, 3^3, 4^7, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2^2, 3^6, 4^7, 12^3\})$	12533760
12	$\mathcal{O}(1; \{2^7, 4^9, 12^3\})$	589824
12	$\mathcal{O}(1; \{2^3, 3^3, 4^9, 12^3\})$	6488064
12	$\mathcal{O}(1; \{2^4, 4^{11}, 12^3\})$	2359296
12	$\mathcal{O}(1; \{3^3, 4^{11}, 12^3\})$	25952256
12	$\mathcal{O}(1; \{2, 4^{13}, 12^3\})$	9437184
12	$\mathcal{O}(1; \{2^{16}, 3, 4, 6, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4, 6, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^8, 3^7, 4, 6, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4, 6, 12^3\})$	6292224
12	$\mathcal{O}(1; \{3^{13}, 4, 6, 12^3\})$	50330880
12	$\mathcal{O}(1; \{2^{13}, 3, 4^3, 6, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^9, 3^4, 4^3, 6, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^5, 3^7, 4^3, 6, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2, 3^{10}, 4^3, 6, 12^3\})$	25168896
12	$\mathcal{O}(1; \{2^{10}, 3, 4^5, 6, 12^3\})$	184320
12	$\mathcal{O}(1; \{2^6, 3^4, 4^5, 6, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^7, 4^5, 6, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2^7, 3, 4^7, 6, 12^3\})$	737280
12	$\mathcal{O}(1; \{2^3, 3^4, 4^7, 6, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^4, 3, 4^9, 6, 12^3\})$	2949120
12	$\mathcal{O}(1; \{3^4, 4^9, 6, 12^3\})$	25362432
12	$\mathcal{O}(1; \{2, 3, 4^{11}, 6, 12^3\})$	11796480
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4, 6^2, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^9, 3^5, 4, 6^2, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^5, 3^8, 4, 6^2, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2, 3^{11}, 4, 6^2, 12^3\})$	25166592
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^3, 6^2, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^6, 3^5, 4^3, 6^2, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^8, 4^3, 6^2, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^7, 3^2, 4^5, 6^2, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^5, 4^5, 6^2, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^4, 3^2, 4^7, 6^2, 12^3\})$	3096576
12	$\mathcal{O}(1; \{3^5, 4^7, 6^2, 12^3\})$	25214976
12	$\mathcal{O}(1; \{2, 3^2, 4^9, 6^2, 12^3\})$	12386304
12	$\mathcal{O}(1; \{2^{14}, 4, 6^3, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4, 6^3, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^6, 3^6, 4, 6^3, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^9, 4, 6^3, 12^3\})$	12582144

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{11}, 4^3, 6^3, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^7, 3^3, 4^3, 6^3, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^6, 4^3, 6^3, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^8, 4^5, 6^3, 12^3\})$	405504
12	$\mathcal{O}(1; \{2^4, 3^3, 4^5, 6^3, 12^3\})$	3133440
12	$\mathcal{O}(1; \{3^6, 4^5, 6^3, 12^3\})$	25178112
12	$\mathcal{O}(1; \{2^5, 4^7, 6^3, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2, 3^3, 4^7, 6^3, 12^3\})$	12533760
12	$\mathcal{O}(1; \{2^2, 4^9, 6^3, 12^3\})$	6488064
12	$\mathcal{O}(1; \{2^{11}, 3, 4, 6^4, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^7, 3^4, 4, 6^4, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^7, 4, 6^4, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^8, 3, 4^3, 6^4, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^4, 4^3, 6^4, 12^3\})$	3142656
12	$\mathcal{O}(1; \{3^7, 4^3, 6^4, 12^3\})$	25168896
12	$\mathcal{O}(1; \{2^5, 3, 4^5, 6^4, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2, 3^4, 4^5, 6^4, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3, 4^7, 6^4, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^8, 3^2, 4, 6^5, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^5, 4, 6^5, 12^3\})$	3144960
12	$\mathcal{O}(1; \{3^8, 4, 6^5, 12^3\})$	25166592
12	$\mathcal{O}(1; \{2^5, 3^2, 4^3, 6^5, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2, 3^5, 4^3, 6^5, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^2, 3^2, 4^5, 6^5, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^9, 4, 6^6, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^3, 4, 6^6, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2, 3^6, 4, 6^6, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^6, 4^3, 6^6, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^3, 4^3, 6^6, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^3, 4^5, 6^6, 12^3\})$	3133440
12	$\mathcal{O}(1; \{4^7, 6^6, 12^3\})$	12533760
12	$\mathcal{O}(1; \{2^6, 3, 4, 6^7, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^4, 4, 6^7, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^3, 3, 4^3, 6^7, 12^3\})$	3142656
12	$\mathcal{O}(1; \{3, 4^5, 6^7, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 6^8, 12^3\})$	3144960
12	$\mathcal{O}(1; \{3^2, 4^3, 6^8, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^4, 4, 6^9, 12^3\})$	1573632
12	$\mathcal{O}(1; \{3^3, 4, 6^9, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2, 4^3, 6^9, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2, 3, 4, 6^{10}, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^{16}, 3^2, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^{12}, 3^5, 12^4\})$	195840

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^8, 3^8, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^4, 3^{11}, 12^4\})$	12582144
12	$\mathcal{O}(1; \{3^{14}, 12^4\})$	100664064
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^2, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^9, 3^5, 4^2, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^5, 3^8, 4^2, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2, 3^{11}, 4^2, 12^4\})$	50328576
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^4, 12^4\})$	405504
12	$\mathcal{O}(1; \{2^6, 3^5, 4^4, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^8, 4^4, 12^4\})$	25178112
12	$\mathcal{O}(1; \{2^7, 3^2, 4^6, 12^4\})$	1622016
12	$\mathcal{O}(1; \{2^3, 3^5, 4^6, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2^4, 3^2, 4^8, 12^4\})$	6488064
12	$\mathcal{O}(1; \{3^5, 4^8, 12^4\})$	50135040
12	$\mathcal{O}(1; \{2, 3^2, 4^{10}, 12^4\})$	25952256
12	$\mathcal{O}(1; \{2^{17}, 6, 12^4\})$	11520
12	$\mathcal{O}(1; \{2^{13}, 3^3, 6, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^9, 3^6, 6, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^5, 3^9, 6, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2, 3^{12}, 6, 12^4\})$	50330880
12	$\mathcal{O}(1; \{2^{14}, 4^2, 6, 12^4\})$	46080
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^2, 6, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^6, 3^6, 4^2, 6, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^9, 4^2, 6, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2^{11}, 4^4, 6, 12^4\})$	184320
12	$\mathcal{O}(1; \{2^7, 3^3, 4^4, 6, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^6, 4^4, 6, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^8, 4^6, 6, 12^4\})$	737280
12	$\mathcal{O}(1; \{2^4, 3^3, 4^6, 6, 12^4\})$	6340608
12	$\mathcal{O}(1; \{3^6, 4^6, 6, 12^4\})$	50282496
12	$\mathcal{O}(1; \{2^5, 4^8, 6, 12^4\})$	2949120
12	$\mathcal{O}(1; \{2, 3^3, 4^8, 6, 12^4\})$	25362432
12	$\mathcal{O}(1; \{2^2, 4^{10}, 6, 12^4\})$	11796480
12	$\mathcal{O}(1; \{2^{14}, 3, 6^2, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^{10}, 3^4, 6^2, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^6, 3^7, 6^2, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^2, 3^{10}, 6^2, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^{11}, 3, 4^2, 6^2, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^7, 3^4, 4^2, 6^2, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^7, 4^2, 6^2, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^8, 3, 4^4, 6^2, 12^4\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^4, 4^4, 6^2, 12^4\})$	6303744
12	$\mathcal{O}(1; \{3^7, 4^4, 6^2, 12^4\})$	50319360

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^5, 3, 4^6, 6^2, 12^4\})$	3096576
12	$\mathcal{O}(1; \{2, 3^4, 4^6, 6^2, 12^4\})$	25214976
12	$\mathcal{O}(1; \{2^2, 3, 4^8, 6^2, 12^4\})$	12386304
12	$\mathcal{O}(1; \{2^{11}, 3^2, 6^3, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^7, 3^5, 6^3, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^3, 3^8, 6^3, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^8, 3^2, 4^2, 6^3, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^5, 4^2, 6^3, 12^4\})$	6294528
12	$\mathcal{O}(1; \{3^8, 4^2, 6^3, 12^4\})$	50328576
12	$\mathcal{O}(1; \{2^5, 3^2, 4^4, 6^3, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2, 3^5, 4^4, 6^3, 12^4\})$	25178112
12	$\mathcal{O}(1; \{2^2, 3^2, 4^6, 6^3, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2^{12}, 6^4, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^8, 3^3, 6^4, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^4, 3^6, 6^4, 12^4\})$	6292224
12	$\mathcal{O}(1; \{3^9, 6^4, 12^4\})$	50330880
12	$\mathcal{O}(1; \{2^9, 4^2, 6^4, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^5, 3^3, 4^2, 6^4, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2, 3^6, 4^2, 6^4, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2^6, 4^4, 6^4, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^3, 4^4, 6^4, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^3, 4^6, 6^4, 12^4\})$	6340608
12	$\mathcal{O}(1; \{4^8, 6^4, 12^4\})$	25362432
12	$\mathcal{O}(1; \{2^9, 3, 6^5, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^5, 3^4, 6^5, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2, 3^7, 6^5, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 6^5, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 6^5, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 6^5, 12^4\})$	6303744
12	$\mathcal{O}(1; \{3, 4^6, 6^5, 12^4\})$	25214976
12	$\mathcal{O}(1; \{2^6, 3^2, 6^6, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^5, 6^6, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6^6, 12^4\})$	6294528
12	$\mathcal{O}(1; \{3^2, 4^4, 6^6, 12^4\})$	25178112
12	$\mathcal{O}(1; \{2^7, 6^7, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^3, 6^7, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^4, 4^2, 6^7, 12^4\})$	3142656
12	$\mathcal{O}(1; \{3^3, 4^2, 6^7, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2, 4^4, 6^7, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^4, 3, 6^8, 12^4\})$	3144960
12	$\mathcal{O}(1; \{3^4, 6^8, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^8, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2, 3^2, 6^9, 12^4\})$	12582144

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 6^{10}, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^{14}, 3, 4, 12^5\})$	101376
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^6, 3^7, 4, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4, 12^5\})$	50328576
12	$\mathcal{O}(1; \{2^{11}, 3, 4^3, 12^5\})$	405504
12	$\mathcal{O}(1; \{2^7, 3^4, 4^3, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3^7, 4^3, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2^8, 3, 4^5, 12^5\})$	1622016
12	$\mathcal{O}(1; \{2^4, 3^4, 4^5, 12^5\})$	12533760
12	$\mathcal{O}(1; \{3^7, 4^5, 12^5\})$	100712448
12	$\mathcal{O}(1; \{2^5, 3, 4^7, 12^5\})$	6488064
12	$\mathcal{O}(1; \{2, 3^4, 4^7, 12^5\})$	50135040
12	$\mathcal{O}(1; \{2^2, 3, 4^9, 12^5\})$	25952256
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4, 6, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^7, 3^5, 4, 6, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3^8, 4, 6, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^8, 3^2, 4^3, 6, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3^5, 4^3, 6, 12^5\})$	12570624
12	$\mathcal{O}(1; \{3^8, 4^3, 6, 12^5\})$	100675584
12	$\mathcal{O}(1; \{2^5, 3^2, 4^5, 6, 12^5\})$	6340608
12	$\mathcal{O}(1; \{2, 3^5, 4^5, 6, 12^5\})$	50282496
12	$\mathcal{O}(1; \{2^2, 3^2, 4^7, 6, 12^5\})$	25362432
12	$\mathcal{O}(1; \{2^{12}, 4, 6^2, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^8, 3^3, 4, 6^2, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3^6, 4, 6^2, 12^5\})$	12579840
12	$\mathcal{O}(1; \{3^9, 4, 6^2, 12^5\})$	100666368
12	$\mathcal{O}(1; \{2^9, 4^3, 6^2, 12^5\})$	774144
12	$\mathcal{O}(1; \{2^5, 3^3, 4^3, 6^2, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2, 3^6, 4^3, 6^2, 12^5\})$	50319360
12	$\mathcal{O}(1; \{2^6, 4^5, 6^2, 12^5\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3^3, 4^5, 6^2, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2^3, 4^7, 6^2, 12^5\})$	12386304
12	$\mathcal{O}(1; \{4^9, 6^2, 12^5\})$	49545216
12	$\mathcal{O}(1; \{2^9, 3, 4, 6^3, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^5, 3^4, 4, 6^3, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2, 3^7, 4, 6^3, 12^5\})$	50328576
12	$\mathcal{O}(1; \{2^6, 3, 4^3, 6^3, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^4, 4^3, 6^3, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2^3, 3, 4^5, 6^3, 12^5\})$	12533760
12	$\mathcal{O}(1; \{3, 4^7, 6^3, 12^5\})$	50135040
12	$\mathcal{O}(1; \{2^6, 3^2, 4, 6^4, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^5, 4, 6^4, 12^5\})$	25168896

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3^2, 4^3, 6^4, 12^5\})$	12570624
12	$\mathcal{O}(1; \{3^2, 4^5, 6^4, 12^5\})$	50282496
12	$\mathcal{O}(1; \{2^7, 4, 6^5, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^3, 4, 6^5, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^4, 4^3, 6^5, 12^5\})$	6303744
12	$\mathcal{O}(1; \{3^3, 4^3, 6^5, 12^5\})$	50319360
12	$\mathcal{O}(1; \{2, 4^5, 6^5, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2^4, 3, 4, 6^6, 12^5\})$	6294528
12	$\mathcal{O}(1; \{3^4, 4, 6^6, 12^5\})$	50328576
12	$\mathcal{O}(1; \{2, 3, 4^3, 6^6, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2, 3^2, 4, 6^7, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^2, 4, 6^8, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^{15}, 12^6\})$	101376
12	$\mathcal{O}(1; \{2^{11}, 3^3, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^7, 3^6, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^3, 3^9, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^{12}, 4^2, 12^6\})$	405504
12	$\mathcal{O}(1; \{2^8, 3^3, 4^2, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3^6, 4^2, 12^6\})$	25178112
12	$\mathcal{O}(1; \{3^9, 4^2, 12^6\})$	201314304
12	$\mathcal{O}(1; \{2^9, 4^4, 12^6\})$	1622016
12	$\mathcal{O}(1; \{2^5, 3^3, 4^4, 12^6\})$	12533760
12	$\mathcal{O}(1; \{2, 3^6, 4^4, 12^6\})$	100712448
12	$\mathcal{O}(1; \{2^6, 4^6, 12^6\})$	6488064
12	$\mathcal{O}(1; \{2^2, 3^3, 4^6, 12^6\})$	50135040
12	$\mathcal{O}(1; \{2^3, 4^8, 12^6\})$	25952256
12	$\mathcal{O}(1; \{4^{10}, 12^6\})$	103809024
12	$\mathcal{O}(1; \{2^{12}, 3, 6, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^8, 3^4, 6, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^4, 3^7, 6, 12^6\})$	25168896
12	$\mathcal{O}(1; \{3^{10}, 6, 12^6\})$	201323520
12	$\mathcal{O}(1; \{2^9, 3, 4^2, 6, 12^6\})$	1585152
12	$\mathcal{O}(1; \{2^5, 3^4, 4^2, 6, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2, 3^7, 4^2, 6, 12^6\})$	100675584
12	$\mathcal{O}(1; \{2^6, 3, 4^4, 6, 12^6\})$	6340608
12	$\mathcal{O}(1; \{2^2, 3^4, 4^4, 6, 12^6\})$	50282496
12	$\mathcal{O}(1; \{2^3, 3, 4^6, 6, 12^6\})$	25362432
12	$\mathcal{O}(1; \{3, 4^8, 6, 12^6\})$	101449728
12	$\mathcal{O}(1; \{2^9, 3^2, 6^2, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3^5, 6^2, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2, 3^8, 6^2, 12^6\})$	100666368
12	$\mathcal{O}(1; \{2^6, 3^2, 4^2, 6^2, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^5, 4^2, 6^2, 12^6\})$	50319360

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 6^3, 12^7\})$	25178112
12	$\mathcal{O}(1; \{3^5, 4, 6^3, 12^7\})$	201314304
12	$\mathcal{O}(1; \{2, 3^2, 4^3, 6^3, 12^7\})$	100712448
12	$\mathcal{O}(1; \{2^5, 4, 6^4, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2, 3^3, 4, 6^4, 12^7\})$	100675584
12	$\mathcal{O}(1; \{2^2, 4^3, 6^4, 12^7\})$	50282496
12	$\mathcal{O}(1; \{2^2, 3, 4, 6^5, 12^7\})$	50319360
12	$\mathcal{O}(1; \{4, 6^7, 12^7\})$	100675584
12	$\mathcal{O}(1; \{2^{10}, 3, 12^8\})$	3133440
12	$\mathcal{O}(1; \{2^6, 3^4, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2^2, 3^7, 12^8\})$	201314304
12	$\mathcal{O}(1; \{2^7, 3, 4^2, 12^8\})$	12533760
12	$\mathcal{O}(1; \{2^3, 3^4, 4^2, 12^8\})$	100712448
12	$\mathcal{O}(1; \{2^4, 3, 4^4, 12^8\})$	50135040
12	$\mathcal{O}(1; \{3^4, 4^4, 12^8\})$	402849792
12	$\mathcal{O}(1; \{2, 3, 4^6, 12^8\})$	200540160
12	$\mathcal{O}(1; \{2^7, 3^2, 6, 12^8\})$	12570624
12	$\mathcal{O}(1; \{2^3, 3^5, 6, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 6, 12^8\})$	50282496
12	$\mathcal{O}(1; \{3^5, 4^2, 6, 12^8\})$	402702336
12	$\mathcal{O}(1; \{2, 3^2, 4^4, 6, 12^8\})$	201129984
12	$\mathcal{O}(1; \{2^8, 6^2, 12^8\})$	6303744
12	$\mathcal{O}(1; \{2^4, 3^3, 6^2, 12^8\})$	50319360
12	$\mathcal{O}(1; \{3^6, 6^2, 12^8\})$	402665472
12	$\mathcal{O}(1; \{2^5, 4^2, 6^2, 12^8\})$	25214976
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 6^2, 12^8\})$	201277440
12	$\mathcal{O}(1; \{2^2, 4^4, 6^2, 12^8\})$	100859904
12	$\mathcal{O}(1; \{2^5, 3, 6^3, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2, 3^4, 6^3, 12^8\})$	201314304
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^3, 12^8\})$	100712448
12	$\mathcal{O}(1; \{2^2, 3^2, 6^4, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^3, 6^5, 12^8\})$	50319360
12	$\mathcal{O}(1; \{4^2, 6^5, 12^8\})$	201277440
12	$\mathcal{O}(1; \{3, 6^6, 12^8\})$	201314304
12	$\mathcal{O}(1; \{2^8, 4, 12^9\})$	12533760
12	$\mathcal{O}(1; \{2^4, 3^3, 4, 12^9\})$	100712448
12	$\mathcal{O}(1; \{3^6, 4, 12^9\})$	805257216
12	$\mathcal{O}(1; \{2^5, 4^3, 12^9\})$	50135040
12	$\mathcal{O}(1; \{2, 3^3, 4^3, 12^9\})$	402849792
12	$\mathcal{O}(1; \{2^2, 4^5, 12^9\})$	200540160
12	$\mathcal{O}(1; \{2^5, 3, 4, 6, 12^9\})$	50282496
12	$\mathcal{O}(1; \{2, 3^4, 4, 6, 12^9\})$	402702336
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 6, 12^9\})$	201129984

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^2, 12^9\})$	201277440
12	$\mathcal{O}(1; \{2^3, 4, 6^3, 12^9\})$	100712448
12	$\mathcal{O}(1; \{4^3, 6^3, 12^9\})$	402849792
12	$\mathcal{O}(1; \{3, 4, 6^4, 12^9\})$	402702336
12	$\mathcal{O}(1; \{2^5, 3^2, 12^{10}\})$	100712448
12	$\mathcal{O}(1; \{2, 3^5, 12^{10}\})$	805257216
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 12^{10}\})$	402849792
12	$\mathcal{O}(1; \{2^6, 6, 12^{10}\})$	50282496
12	$\mathcal{O}(1; \{2^2, 3^3, 6, 12^{10}\})$	402702336
12	$\mathcal{O}(1; \{2^3, 4^2, 6, 12^{10}\})$	201129984
12	$\mathcal{O}(1; \{4^4, 6, 12^{10}\})$	804519936
12	$\mathcal{O}(1; \{2^3, 3, 6^2, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{3, 4^2, 6^2, 12^{10}\})$	805109760
12	$\mathcal{O}(1; \{3^2, 6^3, 12^{10}\})$	805257216
12	$\mathcal{O}(1; \{2, 6^4, 12^{10}\})$	402702336
12	$\mathcal{O}(1; \{2^3, 3, 4, 12^{11}\})$	402849792
12	$\mathcal{O}(1; \{3, 4^3, 12^{11}\})$	1611399168
12	$\mathcal{O}(1; \{3^2, 4, 6, 12^{11}\})$	1610809344
12	$\mathcal{O}(1; \{2, 4, 6^2, 12^{11}\})$	805109760
12	$\mathcal{O}(1; \{2^4, 12^{12}\})$	402849792
12	$\mathcal{O}(1; \{3^3, 12^{12}\})$	3221028864
12	$\mathcal{O}(1; \{2, 4^2, 12^{12}\})$	1611399168
12	$\mathcal{O}(1; \{2, 3, 6, 12^{12}\})$	1610809344
12	$\mathcal{O}(0; \{2^{23}, 3^3, 4^2\})$	4
12	$\mathcal{O}(0; \{2^{19}, 3^6, 4^2\})$	44
12	$\mathcal{O}(0; \{2^{15}, 3^9, 4^2\})$	340
12	$\mathcal{O}(0; \{2^{11}, 3^{12}, 4^2\})$	2732
12	$\mathcal{O}(0; \{2^7, 3^{15}, 4^2\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^{18}, 4^2\})$	174764
12	$\mathcal{O}(0; \{2^{20}, 3^3, 4^4\})$	16
12	$\mathcal{O}(0; \{2^{16}, 3^6, 4^4\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^9, 4^4\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^{12}, 4^4\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^{15}, 4^4\})$	87376
12	$\mathcal{O}(0; \{3^{18}, 4^4\})$	699056
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4^6\})$	64
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4^6\})$	704
12	$\mathcal{O}(0; \{2^9, 3^9, 4^6\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4^6\})$	43712
12	$\mathcal{O}(0; \{2, 3^{15}, 4^6\})$	349504
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^8\})$	256
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^8\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^9, 4^8\})$	21760

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^8\})$	174848
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^{10}\})$	1024
12	$\mathcal{O}(0; \{2^7, 3^6, 4^{10}\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^9, 4^{10}\})$	87040
12	$\mathcal{O}(0; \{2^8, 3^3, 4^{12}\})$	4096
12	$\mathcal{O}(0; \{2^4, 3^6, 4^{12}\})$	45056
12	$\mathcal{O}(0; \{3^9, 4^{12}\})$	348160
12	$\mathcal{O}(0; \{2^5, 3^3, 4^{14}\})$	16384
12	$\mathcal{O}(0; \{2, 3^6, 4^{14}\})$	180224
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{16}\})$	65536
12	$\mathcal{O}(0; \{2^{24}, 3, 4^2, 6\})$	4
12	$\mathcal{O}(0; \{2^{20}, 3^4, 4^2, 6\})$	20
12	$\mathcal{O}(0; \{2^{16}, 3^7, 4^2, 6\})$	172
12	$\mathcal{O}(0; \{2^{12}, 3^{10}, 4^2, 6\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^{13}, 4^2, 6\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^{16}, 4^2, 6\})$	87380
12	$\mathcal{O}(0; \{3^{19}, 4^2, 6\})$	699052
12	$\mathcal{O}(0; \{2^{21}, 3, 4^4, 6\})$	16
12	$\mathcal{O}(0; \{2^{17}, 3^4, 4^4, 6\})$	80
12	$\mathcal{O}(0; \{2^{13}, 3^7, 4^4, 6\})$	688
12	$\mathcal{O}(0; \{2^9, 3^{10}, 4^4, 6\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^{13}, 4^4, 6\})$	43696
12	$\mathcal{O}(0; \{2, 3^{16}, 4^4, 6\})$	349520
12	$\mathcal{O}(0; \{2^{18}, 3, 4^6, 6\})$	64
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^6, 6\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^6, 6\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^6, 6\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^6, 6\})$	174784
12	$\mathcal{O}(0; \{2^{15}, 3, 4^8, 6\})$	256
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^8, 6\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^7, 4^8, 6\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^8, 6\})$	87296
12	$\mathcal{O}(0; \{2^{12}, 3, 4^{10}, 6\})$	1024
12	$\mathcal{O}(0; \{2^8, 3^4, 4^{10}, 6\})$	5120
12	$\mathcal{O}(0; \{2^4, 3^7, 4^{10}, 6\})$	44032
12	$\mathcal{O}(0; \{3^{10}, 4^{10}, 6\})$	349184
12	$\mathcal{O}(0; \{2^9, 3, 4^{12}, 6\})$	4096
12	$\mathcal{O}(0; \{2^5, 3^4, 4^{12}, 6\})$	20480
12	$\mathcal{O}(0; \{2, 3^7, 4^{12}, 6\})$	176128
12	$\mathcal{O}(0; \{2^6, 3, 4^{14}, 6\})$	16384
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{14}, 6\})$	81920
12	$\mathcal{O}(0; \{2^3, 3, 4^{16}, 6\})$	65536
12	$\mathcal{O}(0; \{3, 4^{18}, 6\})$	262144

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{21}, 3^2, 4^2, 6^2\})$	12
12	$\mathcal{O}(0; \{2^{17}, 3^5, 4^2, 6^2\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^8, 4^2, 6^2\})$	684
12	$\mathcal{O}(0; \{2^9, 3^{11}, 4^2, 6^2\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^{14}, 4^2, 6^2\})$	43692
12	$\mathcal{O}(0; \{2, 3^{17}, 4^2, 6^2\})$	349524
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4^4, 6^2\})$	48
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4^4, 6^2\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4^4, 6^2\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4^4, 6^2\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4^4, 6^2\})$	174768
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^6, 6^2\})$	192
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^6, 6^2\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^8, 4^6, 6^2\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^6, 6^2\})$	87360
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^8, 6^2\})$	768
12	$\mathcal{O}(0; \{2^8, 3^5, 4^8, 6^2\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^8, 4^8, 6^2\})$	43776
12	$\mathcal{O}(0; \{3^{11}, 4^8, 6^2\})$	349440
12	$\mathcal{O}(0; \{2^9, 3^2, 4^{10}, 6^2\})$	3072
12	$\mathcal{O}(0; \{2^5, 3^5, 4^{10}, 6^2\})$	21504
12	$\mathcal{O}(0; \{2, 3^8, 4^{10}, 6^2\})$	175104
12	$\mathcal{O}(0; \{2^6, 3^2, 4^{12}, 6^2\})$	12288
12	$\mathcal{O}(0; \{2^2, 3^5, 4^{12}, 6^2\})$	86016
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{14}, 6^2\})$	49152
12	$\mathcal{O}(0; \{3^2, 4^{16}, 6^2\})$	196608
12	$\mathcal{O}(0; \{2^{22}, 4^2, 6^3\})$	4
12	$\mathcal{O}(0; \{2^{18}, 3^3, 4^2, 6^3\})$	44
12	$\mathcal{O}(0; \{2^{14}, 3^6, 4^2, 6^3\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^9, 4^2, 6^3\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^{12}, 4^2, 6^3\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{15}, 4^2, 6^3\})$	174764
12	$\mathcal{O}(0; \{2^{19}, 4^4, 6^3\})$	16
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^4, 6^3\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^4, 6^3\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^9, 4^4, 6^3\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^4, 6^3\})$	87376
12	$\mathcal{O}(0; \{2^{16}, 4^6, 6^3\})$	64
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^6, 6^3\})$	704
12	$\mathcal{O}(0; \{2^8, 3^6, 4^6, 6^3\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^9, 4^6, 6^3\})$	43712
12	$\mathcal{O}(0; \{3^{12}, 4^6, 6^3\})$	349504
12	$\mathcal{O}(0; \{2^{13}, 4^8, 6^3\})$	256

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^9, 3^3, 4^8, 6^3\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^6, 4^8, 6^3\})$	21760
12	$\mathcal{O}(0; \{2, 3^9, 4^8, 6^3\})$	174848
12	$\mathcal{O}(0; \{2^{10}, 4^{10}, 6^3\})$	1024
12	$\mathcal{O}(0; \{2^6, 3^3, 4^{10}, 6^3\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^6, 4^{10}, 6^3\})$	87040
12	$\mathcal{O}(0; \{2^7, 4^{12}, 6^3\})$	4096
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{12}, 6^3\})$	45056
12	$\mathcal{O}(0; \{2^4, 4^{14}, 6^3\})$	16384
12	$\mathcal{O}(0; \{3^3, 4^{14}, 6^3\})$	180224
12	$\mathcal{O}(0; \{2, 4^{16}, 6^3\})$	65536
12	$\mathcal{O}(0; \{2^{19}, 3, 4^2, 6^4\})$	20
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^2, 6^4\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^2, 6^4\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^2, 6^4\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^2, 6^4\})$	87380
12	$\mathcal{O}(0; \{2^{16}, 3, 4^4, 6^4\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^4, 6^4\})$	688
12	$\mathcal{O}(0; \{2^8, 3^7, 4^4, 6^4\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^4, 6^4\})$	43696
12	$\mathcal{O}(0; \{3^{13}, 4^4, 6^4\})$	349520
12	$\mathcal{O}(0; \{2^{13}, 3, 4^6, 6^4\})$	320
12	$\mathcal{O}(0; \{2^9, 3^4, 4^6, 6^4\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^7, 4^6, 6^4\})$	21824
12	$\mathcal{O}(0; \{2, 3^{10}, 4^6, 6^4\})$	174784
12	$\mathcal{O}(0; \{2^{10}, 3, 4^8, 6^4\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^4, 4^8, 6^4\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^7, 4^8, 6^4\})$	87296
12	$\mathcal{O}(0; \{2^7, 3, 4^{10}, 6^4\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{10}, 6^4\})$	44032
12	$\mathcal{O}(0; \{2^4, 3, 4^{12}, 6^4\})$	20480
12	$\mathcal{O}(0; \{3^4, 4^{12}, 6^4\})$	176128
12	$\mathcal{O}(0; \{2, 3, 4^{14}, 6^4\})$	81920
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^2, 6^5\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^2, 6^5\})$	684
12	$\mathcal{O}(0; \{2^8, 3^8, 4^2, 6^5\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^2, 6^5\})$	43692
12	$\mathcal{O}(0; \{3^{14}, 4^2, 6^5\})$	349524
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^4, 6^5\})$	336
12	$\mathcal{O}(0; \{2^9, 3^5, 4^4, 6^5\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^8, 4^4, 6^5\})$	21840
12	$\mathcal{O}(0; \{2, 3^{11}, 4^4, 6^5\})$	174768
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^6, 6^5\})$	1344

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3^5, 4^6, 6^5\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^8, 4^6, 6^5\})$	87360
12	$\mathcal{O}(0; \{2^7, 3^2, 4^8, 6^5\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^5, 4^8, 6^5\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{10}, 6^5\})$	21504
12	$\mathcal{O}(0; \{3^5, 4^{10}, 6^5\})$	175104
12	$\mathcal{O}(0; \{2, 3^2, 4^{12}, 6^5\})$	86016
12	$\mathcal{O}(0; \{2^{17}, 4^2, 6^6\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^2, 6^6\})$	340
12	$\mathcal{O}(0; \{2^9, 3^6, 4^2, 6^6\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^9, 4^2, 6^6\})$	21844
12	$\mathcal{O}(0; \{2, 3^{12}, 4^2, 6^6\})$	174764
12	$\mathcal{O}(0; \{2^{14}, 4^4, 6^6\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^4, 6^6\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^6, 4^4, 6^6\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^9, 4^4, 6^6\})$	87376
12	$\mathcal{O}(0; \{2^{11}, 4^6, 6^6\})$	704
12	$\mathcal{O}(0; \{2^7, 3^3, 4^6, 6^6\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^6, 4^6, 6^6\})$	43712
12	$\mathcal{O}(0; \{2^8, 4^8, 6^6\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^3, 4^8, 6^6\})$	21760
12	$\mathcal{O}(0; \{3^6, 4^8, 6^6\})$	174848
12	$\mathcal{O}(0; \{2^5, 4^{10}, 6^6\})$	11264
12	$\mathcal{O}(0; \{2, 3^3, 4^{10}, 6^6\})$	87040
12	$\mathcal{O}(0; \{2^2, 4^{12}, 6^6\})$	45056
12	$\mathcal{O}(0; \{2^{14}, 3, 4^2, 6^7\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^2, 6^7\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^7, 4^2, 6^7\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^2, 6^7\})$	87380
12	$\mathcal{O}(0; \{2^{11}, 3, 4^4, 6^7\})$	688
12	$\mathcal{O}(0; \{2^7, 3^4, 4^4, 6^7\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^7, 4^4, 6^7\})$	43696
12	$\mathcal{O}(0; \{2^8, 3, 4^6, 6^7\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^4, 4^6, 6^7\})$	21824
12	$\mathcal{O}(0; \{3^7, 4^6, 6^7\})$	174784
12	$\mathcal{O}(0; \{2^5, 3, 4^8, 6^7\})$	11008
12	$\mathcal{O}(0; \{2, 3^4, 4^8, 6^7\})$	87296
12	$\mathcal{O}(0; \{2^2, 3, 4^{10}, 6^7\})$	44032
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^2, 6^8\})$	684
12	$\mathcal{O}(0; \{2^7, 3^5, 4^2, 6^8\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^8, 4^2, 6^8\})$	43692
12	$\mathcal{O}(0; \{2^8, 3^2, 4^4, 6^8\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^5, 4^4, 6^8\})$	21840

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^8, 4^4, 6^8\})$	174768
12	$\mathcal{O}(0; \{2^5, 3^2, 4^6, 6^8\})$	10944
12	$\mathcal{O}(0; \{2, 3^5, 4^6, 6^8\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^2, 4^8, 6^8\})$	43776
12	$\mathcal{O}(0; \{2^{12}, 4^2, 6^9\})$	340
12	$\mathcal{O}(0; \{2^8, 3^3, 4^2, 6^9\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^6, 4^2, 6^9\})$	21844
12	$\mathcal{O}(0; \{3^9, 4^2, 6^9\})$	174764
12	$\mathcal{O}(0; \{2^9, 4^4, 6^9\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^3, 4^4, 6^9\})$	10928
12	$\mathcal{O}(0; \{2, 3^6, 4^4, 6^9\})$	87376
12	$\mathcal{O}(0; \{2^6, 4^6, 6^9\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^3, 4^6, 6^9\})$	43712
12	$\mathcal{O}(0; \{2^3, 4^8, 6^9\})$	21760
12	$\mathcal{O}(0; \{4^{10}, 6^9\})$	87040
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 6^{10}\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 6^{10}\})$	10924
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 6^{10}\})$	87380
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 6^{10}\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 6^{10}\})$	43696
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 6^{10}\})$	21824
12	$\mathcal{O}(0; \{3, 4^8, 6^{10}\})$	87296
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6^{11}\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6^{11}\})$	43692
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6^{11}\})$	21840
12	$\mathcal{O}(0; \{3^2, 4^6, 6^{11}\})$	87360
12	$\mathcal{O}(0; \{2^7, 4^2, 6^{12}\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^{12}\})$	21844
12	$\mathcal{O}(0; \{2^4, 4^4, 6^{12}\})$	10928
12	$\mathcal{O}(0; \{3^3, 4^4, 6^{12}\})$	87376
12	$\mathcal{O}(0; \{2, 4^6, 6^{12}\})$	43712
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^{13}\})$	10924
12	$\mathcal{O}(0; \{3^4, 4^2, 6^{13}\})$	87380
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^{13}\})$	43696
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^{14}\})$	43692
12	$\mathcal{O}(0; \{2^2, 4^2, 6^{15}\})$	21844
12	$\mathcal{O}(0; \{2^{24}, 3^2, 4, 12\})$	4
12	$\mathcal{O}(0; \{2^{20}, 3^5, 4, 12\})$	44
12	$\mathcal{O}(0; \{2^{16}, 3^8, 4, 12\})$	340
12	$\mathcal{O}(0; \{2^{12}, 3^{11}, 4, 12\})$	2732
12	$\mathcal{O}(0; \{2^8, 3^{14}, 4, 12\})$	21844
12	$\mathcal{O}(0; \{2^4, 3^{17}, 4, 12\})$	174764
12	$\mathcal{O}(0; \{3^{20}, 4, 12\})$	1398100

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{21}, 3^2, 4^3, 12\})$	16
12	$\mathcal{O}(0; \{2^{17}, 3^5, 4^3, 12\})$	176
12	$\mathcal{O}(0; \{2^{13}, 3^8, 4^3, 12\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^{11}, 4^3, 12\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^{14}, 4^3, 12\})$	87376
12	$\mathcal{O}(0; \{2, 3^{17}, 4^3, 12\})$	699056
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4^5, 12\})$	64
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4^5, 12\})$	704
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4^5, 12\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4^5, 12\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4^5, 12\})$	349504
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^7, 12\})$	256
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^7, 12\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^8, 4^7, 12\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^7, 12\})$	174848
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^9, 12\})$	1024
12	$\mathcal{O}(0; \{2^8, 3^5, 4^9, 12\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^8, 4^9, 12\})$	87040
12	$\mathcal{O}(0; \{3^{11}, 4^9, 12\})$	699392
12	$\mathcal{O}(0; \{2^9, 3^2, 4^{11}, 12\})$	4096
12	$\mathcal{O}(0; \{2^5, 3^5, 4^{11}, 12\})$	45056
12	$\mathcal{O}(0; \{2, 3^8, 4^{11}, 12\})$	348160
12	$\mathcal{O}(0; \{2^6, 3^2, 4^{13}, 12\})$	16384
12	$\mathcal{O}(0; \{2^2, 3^5, 4^{13}, 12\})$	180224
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{15}, 12\})$	65536
12	$\mathcal{O}(0; \{3^2, 4^{17}, 12\})$	262144
12	$\mathcal{O}(0; \{2^{25}, 4, 6, 12\})$	4
12	$\mathcal{O}(0; \{2^{21}, 3^3, 4, 6, 12\})$	20
12	$\mathcal{O}(0; \{2^{17}, 3^6, 4, 6, 12\})$	172
12	$\mathcal{O}(0; \{2^{13}, 3^9, 4, 6, 12\})$	1364
12	$\mathcal{O}(0; \{2^9, 3^{12}, 4, 6, 12\})$	10924
12	$\mathcal{O}(0; \{2^5, 3^{15}, 4, 6, 12\})$	87380
12	$\mathcal{O}(0; \{2, 3^{18}, 4, 6, 12\})$	699052
12	$\mathcal{O}(0; \{2^{22}, 4^3, 6, 12\})$	16
12	$\mathcal{O}(0; \{2^{18}, 3^3, 4^3, 6, 12\})$	80
12	$\mathcal{O}(0; \{2^{14}, 3^6, 4^3, 6, 12\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^9, 4^3, 6, 12\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^{12}, 4^3, 6, 12\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{15}, 4^3, 6, 12\})$	349520
12	$\mathcal{O}(0; \{2^{19}, 4^5, 6, 12\})$	64
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^5, 6, 12\})$	320
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^5, 6, 12\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^9, 4^5, 6, 12\})$	21824

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^5, 6, 12\})$	174784
12	$\mathcal{O}(0; \{2^{16}, 4^7, 6, 12\})$	256
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^7, 6, 12\})$	1280
12	$\mathcal{O}(0; \{2^8, 3^6, 4^7, 6, 12\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^9, 4^7, 6, 12\})$	87296
12	$\mathcal{O}(0; \{3^{12}, 4^7, 6, 12\})$	699136
12	$\mathcal{O}(0; \{2^{13}, 4^9, 6, 12\})$	1024
12	$\mathcal{O}(0; \{2^9, 3^3, 4^9, 6, 12\})$	5120
12	$\mathcal{O}(0; \{2^5, 3^6, 4^9, 6, 12\})$	44032
12	$\mathcal{O}(0; \{2, 3^9, 4^9, 6, 12\})$	349184
12	$\mathcal{O}(0; \{2^{10}, 4^{11}, 6, 12\})$	4096
12	$\mathcal{O}(0; \{2^6, 3^3, 4^{11}, 6, 12\})$	20480
12	$\mathcal{O}(0; \{2^2, 3^6, 4^{11}, 6, 12\})$	176128
12	$\mathcal{O}(0; \{2^7, 4^{13}, 6, 12\})$	16384
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{13}, 6, 12\})$	81920
12	$\mathcal{O}(0; \{2^4, 4^{15}, 6, 12\})$	65536
12	$\mathcal{O}(0; \{3^3, 4^{15}, 6, 12\})$	327680
12	$\mathcal{O}(0; \{2, 4^{17}, 6, 12\})$	262144
12	$\mathcal{O}(0; \{2^{22}, 3, 4, 6^2, 12\})$	12
12	$\mathcal{O}(0; \{2^{18}, 3^4, 4, 6^2, 12\})$	84
12	$\mathcal{O}(0; \{2^{14}, 3^7, 4, 6^2, 12\})$	684
12	$\mathcal{O}(0; \{2^{10}, 3^{10}, 4, 6^2, 12\})$	5460
12	$\mathcal{O}(0; \{2^6, 3^{13}, 4, 6^2, 12\})$	43692
12	$\mathcal{O}(0; \{2^2, 3^{16}, 4, 6^2, 12\})$	349524
12	$\mathcal{O}(0; \{2^{19}, 3, 4^3, 6^2, 12\})$	48
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^3, 6^2, 12\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^3, 6^2, 12\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^3, 6^2, 12\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^3, 6^2, 12\})$	174768
12	$\mathcal{O}(0; \{2^{16}, 3, 4^5, 6^2, 12\})$	192
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^5, 6^2, 12\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^7, 4^5, 6^2, 12\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^5, 6^2, 12\})$	87360
12	$\mathcal{O}(0; \{3^{13}, 4^5, 6^2, 12\})$	699072
12	$\mathcal{O}(0; \{2^{13}, 3, 4^7, 6^2, 12\})$	768
12	$\mathcal{O}(0; \{2^9, 3^4, 4^7, 6^2, 12\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^7, 4^7, 6^2, 12\})$	43776
12	$\mathcal{O}(0; \{2, 3^{10}, 4^7, 6^2, 12\})$	349440
12	$\mathcal{O}(0; \{2^{10}, 3, 4^9, 6^2, 12\})$	3072
12	$\mathcal{O}(0; \{2^6, 3^4, 4^9, 6^2, 12\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^7, 4^9, 6^2, 12\})$	175104
12	$\mathcal{O}(0; \{2^7, 3, 4^{11}, 6^2, 12\})$	12288
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{11}, 6^2, 12\})$	86016

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3, 4^{13}, 6^2, 12\})$	49152
12	$\mathcal{O}(0; \{3^4, 4^{13}, 6^2, 12\})$	344064
12	$\mathcal{O}(0; \{2, 3, 4^{15}, 6^2, 12\})$	196608
12	$\mathcal{O}(0; \{2^{19}, 3^2, 4, 6^3, 12\})$	44
12	$\mathcal{O}(0; \{2^{15}, 3^5, 4, 6^3, 12\})$	340
12	$\mathcal{O}(0; \{2^{11}, 3^8, 4, 6^3, 12\})$	2732
12	$\mathcal{O}(0; \{2^7, 3^{11}, 4, 6^3, 12\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^{14}, 4, 6^3, 12\})$	174764
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^3, 6^3, 12\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^3, 6^3, 12\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^8, 4^3, 6^3, 12\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^3, 6^3, 12\})$	87376
12	$\mathcal{O}(0; \{3^{14}, 4^3, 6^3, 12\})$	699056
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^5, 6^3, 12\})$	704
12	$\mathcal{O}(0; \{2^9, 3^5, 4^5, 6^3, 12\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^8, 4^5, 6^3, 12\})$	43712
12	$\mathcal{O}(0; \{2, 3^{11}, 4^5, 6^3, 12\})$	349504
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^7, 6^3, 12\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^5, 4^7, 6^3, 12\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^8, 4^7, 6^3, 12\})$	174848
12	$\mathcal{O}(0; \{2^7, 3^2, 4^9, 6^3, 12\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^5, 4^9, 6^3, 12\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{11}, 6^3, 12\})$	45056
12	$\mathcal{O}(0; \{3^5, 4^{11}, 6^3, 12\})$	348160
12	$\mathcal{O}(0; \{2, 3^2, 4^{13}, 6^3, 12\})$	180224
12	$\mathcal{O}(0; \{2^{20}, 4, 6^4, 12\})$	20
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4, 6^4, 12\})$	172
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4, 6^4, 12\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^9, 4, 6^4, 12\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4, 6^4, 12\})$	87380
12	$\mathcal{O}(0; \{3^{15}, 4, 6^4, 12\})$	699052
12	$\mathcal{O}(0; \{2^{17}, 4^3, 6^4, 12\})$	80
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^3, 6^4, 12\})$	688
12	$\mathcal{O}(0; \{2^9, 3^6, 4^3, 6^4, 12\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^9, 4^3, 6^4, 12\})$	43696
12	$\mathcal{O}(0; \{2, 3^{12}, 4^3, 6^4, 12\})$	349520
12	$\mathcal{O}(0; \{2^{14}, 4^5, 6^4, 12\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^5, 6^4, 12\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^6, 4^5, 6^4, 12\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^9, 4^5, 6^4, 12\})$	174784
12	$\mathcal{O}(0; \{2^{11}, 4^7, 6^4, 12\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^3, 4^7, 6^4, 12\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^6, 4^7, 6^4, 12\})$	87296

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^8, 4^9, 6^4, 12\})$	5120
12	$\mathcal{O}(0; \{2^4, 3^3, 4^9, 6^4, 12\})$	44032
12	$\mathcal{O}(0; \{3^6, 4^9, 6^4, 12\})$	349184
12	$\mathcal{O}(0; \{2^5, 4^{11}, 6^4, 12\})$	20480
12	$\mathcal{O}(0; \{2, 3^3, 4^{11}, 6^4, 12\})$	176128
12	$\mathcal{O}(0; \{2^2, 4^{13}, 6^4, 12\})$	81920
12	$\mathcal{O}(0; \{2^{17}, 3, 4, 6^5, 12\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4, 6^5, 12\})$	684
12	$\mathcal{O}(0; \{2^9, 3^7, 4, 6^5, 12\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4, 6^5, 12\})$	43692
12	$\mathcal{O}(0; \{2, 3^{13}, 4, 6^5, 12\})$	349524
12	$\mathcal{O}(0; \{2^{14}, 3, 4^3, 6^5, 12\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^3, 6^5, 12\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^7, 4^3, 6^5, 12\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^3, 6^5, 12\})$	174768
12	$\mathcal{O}(0; \{2^{11}, 3, 4^5, 6^5, 12\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^4, 4^5, 6^5, 12\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^7, 4^5, 6^5, 12\})$	87360
12	$\mathcal{O}(0; \{2^8, 3, 4^7, 6^5, 12\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^4, 4^7, 6^5, 12\})$	43776
12	$\mathcal{O}(0; \{3^7, 4^7, 6^5, 12\})$	349440
12	$\mathcal{O}(0; \{2^5, 3, 4^9, 6^5, 12\})$	21504
12	$\mathcal{O}(0; \{2, 3^4, 4^9, 6^5, 12\})$	175104
12	$\mathcal{O}(0; \{2^2, 3, 4^{11}, 6^5, 12\})$	86016
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4, 6^6, 12\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4, 6^6, 12\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^8, 4, 6^6, 12\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4, 6^6, 12\})$	174764
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^3, 6^6, 12\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^5, 4^3, 6^6, 12\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^8, 4^3, 6^6, 12\})$	87376
12	$\mathcal{O}(0; \{2^8, 3^2, 4^5, 6^6, 12\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^5, 4^5, 6^6, 12\})$	43712
12	$\mathcal{O}(0; \{3^8, 4^5, 6^6, 12\})$	349504
12	$\mathcal{O}(0; \{2^5, 3^2, 4^7, 6^6, 12\})$	21760
12	$\mathcal{O}(0; \{2, 3^5, 4^7, 6^6, 12\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^2, 4^9, 6^6, 12\})$	87040
12	$\mathcal{O}(0; \{2^{15}, 4, 6^7, 12\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4, 6^7, 12\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^6, 4, 6^7, 12\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^9, 4, 6^7, 12\})$	87380
12	$\mathcal{O}(0; \{2^{12}, 4^3, 6^7, 12\})$	688
12	$\mathcal{O}(0; \{2^8, 3^3, 4^3, 6^7, 12\})$	5456

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^6, 4^3, 6^7, 12\})$	43696
12	$\mathcal{O}(0; \{3^9, 4^3, 6^7, 12\})$	349520
12	$\mathcal{O}(0; \{2^9, 4^5, 6^7, 12\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^3, 4^5, 6^7, 12\})$	21824
12	$\mathcal{O}(0; \{2, 3^6, 4^5, 6^7, 12\})$	174784
12	$\mathcal{O}(0; \{2^6, 4^7, 6^7, 12\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^3, 4^7, 6^7, 12\})$	87296
12	$\mathcal{O}(0; \{2^3, 4^9, 6^7, 12\})$	44032
12	$\mathcal{O}(0; \{4^{11}, 6^7, 12\})$	176128
12	$\mathcal{O}(0; \{2^{12}, 3, 4, 6^8, 12\})$	684
12	$\mathcal{O}(0; \{2^8, 3^4, 4, 6^8, 12\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^7, 4, 6^8, 12\})$	43692
12	$\mathcal{O}(0; \{3^{10}, 4, 6^8, 12\})$	349524
12	$\mathcal{O}(0; \{2^9, 3, 4^3, 6^8, 12\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^4, 4^3, 6^8, 12\})$	21840
12	$\mathcal{O}(0; \{2, 3^7, 4^3, 6^8, 12\})$	174768
12	$\mathcal{O}(0; \{2^6, 3, 4^5, 6^8, 12\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^4, 4^5, 6^8, 12\})$	87360
12	$\mathcal{O}(0; \{2^3, 3, 4^7, 6^8, 12\})$	43776
12	$\mathcal{O}(0; \{3, 4^9, 6^8, 12\})$	175104
12	$\mathcal{O}(0; \{2^9, 3^2, 4, 6^9, 12\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^5, 4, 6^9, 12\})$	21844
12	$\mathcal{O}(0; \{2, 3^8, 4, 6^9, 12\})$	174764
12	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 6^9, 12\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 6^9, 12\})$	87376
12	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 6^9, 12\})$	43712
12	$\mathcal{O}(0; \{3^2, 4^7, 6^9, 12\})$	174848
12	$\mathcal{O}(0; \{2^{10}, 4, 6^{10}, 12\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 6^{10}, 12\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 6^{10}, 12\})$	87380
12	$\mathcal{O}(0; \{2^7, 4^3, 6^{10}, 12\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6^{10}, 12\})$	43696
12	$\mathcal{O}(0; \{2^4, 4^5, 6^{10}, 12\})$	21824
12	$\mathcal{O}(0; \{3^3, 4^5, 6^{10}, 12\})$	174784
12	$\mathcal{O}(0; \{2, 4^7, 6^{10}, 12\})$	87296
12	$\mathcal{O}(0; \{2^7, 3, 4, 6^{11}, 12\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^{11}, 12\})$	43692
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^{11}, 12\})$	21840
12	$\mathcal{O}(0; \{3^4, 4^3, 6^{11}, 12\})$	174768
12	$\mathcal{O}(0; \{2, 3, 4^5, 6^{11}, 12\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^{12}, 12\})$	21844
12	$\mathcal{O}(0; \{3^5, 4, 6^{12}, 12\})$	174764
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^{12}, 12\})$	87376

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 4, 6^{13}, 12\})$	10924
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^{13}, 12\})$	87380
12	$\mathcal{O}(0; \{2^2, 4^3, 6^{13}, 12\})$	43696
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^{14}, 12\})$	43692
12	$\mathcal{O}(0; \{4, 6^{16}, 12\})$	87380
12	$\mathcal{O}(0; \{2^{25}, 3, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{21}, 3^4, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{17}, 3^7, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{13}, 3^{10}, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^9, 3^{13}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^5, 3^{16}, 12^2\})$	174764
12	$\mathcal{O}(0; \{2, 3^{19}, 12^2\})$	1398100
12	$\mathcal{O}(0; \{2^{22}, 3, 4^2, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{18}, 3^4, 4^2, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{14}, 3^7, 4^2, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^{10}, 3^{10}, 4^2, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^6, 3^{13}, 4^2, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^{16}, 4^2, 12^2\})$	699056
12	$\mathcal{O}(0; \{2^{19}, 3, 4^4, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^4, 12^2\})$	704
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^4, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^4, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^4, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^{16}, 3, 4^6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^6, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^8, 3^7, 4^6, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^6, 12^2\})$	174848
12	$\mathcal{O}(0; \{3^{13}, 4^6, 12^2\})$	1398016
12	$\mathcal{O}(0; \{2^{13}, 3, 4^8, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^9, 3^4, 4^8, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^5, 3^7, 4^8, 12^2\})$	87040
12	$\mathcal{O}(0; \{2, 3^{10}, 4^8, 12^2\})$	699392
12	$\mathcal{O}(0; \{2^{10}, 3, 4^{10}, 12^2\})$	4096
12	$\mathcal{O}(0; \{2^6, 3^4, 4^{10}, 12^2\})$	45056
12	$\mathcal{O}(0; \{2^2, 3^7, 4^{10}, 12^2\})$	348160
12	$\mathcal{O}(0; \{2^7, 3, 4^{12}, 12^2\})$	16384
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{12}, 12^2\})$	180224
12	$\mathcal{O}(0; \{2^4, 3, 4^{14}, 12^2\})$	65536
12	$\mathcal{O}(0; \{3^4, 4^{14}, 12^2\})$	720896
12	$\mathcal{O}(0; \{2, 3, 4^{16}, 12^2\})$	262144
12	$\mathcal{O}(0; \{2^{22}, 3^2, 6, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{18}, 3^5, 6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{14}, 3^8, 6, 12^2\})$	1364

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{10}, 3^{11}, 6, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^6, 3^{14}, 6, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^2, 3^{17}, 6, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^{19}, 3^2, 4^2, 6, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{15}, 3^5, 4^2, 6, 12^2\})$	688
12	$\mathcal{O}(0; \{2^{11}, 3^8, 4^2, 6, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^{11}, 4^2, 6, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^{14}, 4^2, 6, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^4, 6, 12^2\})$	320
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^4, 6, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^8, 4^4, 6, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^4, 6, 12^2\})$	174784
12	$\mathcal{O}(0; \{3^{14}, 4^4, 6, 12^2\})$	1398080
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^6, 6, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^9, 3^5, 4^6, 6, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^8, 4^6, 6, 12^2\})$	87296
12	$\mathcal{O}(0; \{2, 3^{11}, 4^6, 6, 12^2\})$	699136
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^8, 6, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^6, 3^5, 4^8, 6, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^8, 4^8, 6, 12^2\})$	349184
12	$\mathcal{O}(0; \{2^7, 3^2, 4^{10}, 6, 12^2\})$	20480
12	$\mathcal{O}(0; \{2^3, 3^5, 4^{10}, 6, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{12}, 6, 12^2\})$	81920
12	$\mathcal{O}(0; \{3^5, 4^{12}, 6, 12^2\})$	704512
12	$\mathcal{O}(0; \{2, 3^2, 4^{14}, 6, 12^2\})$	327680
12	$\mathcal{O}(0; \{2^{23}, 6^2, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{19}, 3^3, 6^2, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{15}, 3^6, 6^2, 12^2\})$	684
12	$\mathcal{O}(0; \{2^{11}, 3^9, 6^2, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^7, 3^{12}, 6^2, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^3, 3^{15}, 6^2, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{20}, 4^2, 6^2, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^2, 6^2, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^2, 6^2, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^9, 4^2, 6^2, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^2, 6^2, 12^2\})$	174768
12	$\mathcal{O}(0; \{3^{15}, 4^2, 6^2, 12^2\})$	1398096
12	$\mathcal{O}(0; \{2^{17}, 4^4, 6^2, 12^2\})$	192
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^4, 6^2, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^6, 4^4, 6^2, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^9, 4^4, 6^2, 12^2\})$	87360
12	$\mathcal{O}(0; \{2, 3^{12}, 4^4, 6^2, 12^2\})$	699072
12	$\mathcal{O}(0; \{2^{14}, 4^6, 6^2, 12^2\})$	768

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^6, 6^2, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^6, 4^6, 6^2, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^9, 4^6, 6^2, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^{11}, 4^8, 6^2, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^7, 3^3, 4^8, 6^2, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^6, 4^8, 6^2, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^8, 4^{10}, 6^2, 12^2\})$	12288
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{10}, 6^2, 12^2\})$	86016
12	$\mathcal{O}(0; \{3^6, 4^{10}, 6^2, 12^2\})$	700416
12	$\mathcal{O}(0; \{2^5, 4^{12}, 6^2, 12^2\})$	49152
12	$\mathcal{O}(0; \{2, 3^3, 4^{12}, 6^2, 12^2\})$	344064
12	$\mathcal{O}(0; \{2^2, 4^{14}, 6^2, 12^2\})$	196608
12	$\mathcal{O}(0; \{2^{20}, 3, 6^3, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{16}, 3^4, 6^3, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{12}, 3^7, 6^3, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^8, 3^{10}, 6^3, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^4, 3^{13}, 6^3, 12^2\})$	174764
12	$\mathcal{O}(0; \{3^{16}, 6^3, 12^2\})$	1398100
12	$\mathcal{O}(0; \{2^{17}, 3, 4^2, 6^3, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^2, 6^3, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^7, 4^2, 6^3, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^2, 6^3, 12^2\})$	87376
12	$\mathcal{O}(0; \{2, 3^{13}, 4^2, 6^3, 12^2\})$	699056
12	$\mathcal{O}(0; \{2^{14}, 3, 4^4, 6^3, 12^2\})$	704
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^4, 6^3, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^7, 4^4, 6^3, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^4, 6^3, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^{11}, 3, 4^6, 6^3, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^4, 4^6, 6^3, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^7, 4^6, 6^3, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^8, 3, 4^8, 6^3, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^4, 4^8, 6^3, 12^2\})$	87040
12	$\mathcal{O}(0; \{3^7, 4^8, 6^3, 12^2\})$	699392
12	$\mathcal{O}(0; \{2^5, 3, 4^{10}, 6^3, 12^2\})$	45056
12	$\mathcal{O}(0; \{2, 3^4, 4^{10}, 6^3, 12^2\})$	348160
12	$\mathcal{O}(0; \{2^2, 3, 4^{12}, 6^3, 12^2\})$	180224
12	$\mathcal{O}(0; \{2^{17}, 3^2, 6^4, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{13}, 3^5, 6^4, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^9, 3^8, 6^4, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^5, 3^{11}, 6^4, 12^2\})$	87380
12	$\mathcal{O}(0; \{2, 3^{14}, 6^4, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^2, 6^4, 12^2\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^2, 6^4, 12^2\})$	5456

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3^8, 4^2, 6^4, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^2, 6^4, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^4, 6^4, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^5, 4^4, 6^4, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^8, 4^4, 6^4, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^8, 3^2, 4^6, 6^4, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^5, 4^6, 6^4, 12^2\})$	87296
12	$\mathcal{O}(0; \{3^8, 4^6, 6^4, 12^2\})$	699136
12	$\mathcal{O}(0; \{2^5, 3^2, 4^8, 6^4, 12^2\})$	44032
12	$\mathcal{O}(0; \{2, 3^5, 4^8, 6^4, 12^2\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{10}, 6^4, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^{18}, 6^5, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{14}, 3^3, 6^5, 12^2\})$	684
12	$\mathcal{O}(0; \{2^{10}, 3^6, 6^5, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^6, 3^9, 6^5, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^2, 3^{12}, 6^5, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{15}, 4^2, 6^5, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^2, 6^5, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^6, 4^2, 6^5, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^9, 4^2, 6^5, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{12}, 4^4, 6^5, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^3, 4^4, 6^5, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^6, 4^4, 6^5, 12^2\})$	87360
12	$\mathcal{O}(0; \{3^9, 4^4, 6^5, 12^2\})$	699072
12	$\mathcal{O}(0; \{2^9, 4^6, 6^5, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^3, 4^6, 6^5, 12^2\})$	43776
12	$\mathcal{O}(0; \{2, 3^6, 4^6, 6^5, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^6, 4^8, 6^5, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^3, 4^8, 6^5, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^3, 4^{10}, 6^5, 12^2\})$	86016
12	$\mathcal{O}(0; \{4^{12}, 6^5, 12^2\})$	344064
12	$\mathcal{O}(0; \{2^{15}, 3, 6^6, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{11}, 3^4, 6^6, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^7, 3^7, 6^6, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^{10}, 6^6, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{12}, 3, 4^2, 6^6, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^4, 4^2, 6^6, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^7, 4^2, 6^6, 12^2\})$	87376
12	$\mathcal{O}(0; \{3^{10}, 4^2, 6^6, 12^2\})$	699056
12	$\mathcal{O}(0; \{2^9, 3, 4^4, 6^6, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^4, 4^4, 6^6, 12^2\})$	43712
12	$\mathcal{O}(0; \{2, 3^7, 4^4, 6^6, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^6, 3, 4^6, 6^6, 12^2\})$	21760

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^4, 4^6, 6^6, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^3, 3, 4^8, 6^6, 12^2\})$	87040
12	$\mathcal{O}(0; \{3, 4^{10}, 6^6, 12^2\})$	348160
12	$\mathcal{O}(0; \{2^{12}, 3^2, 6^7, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^5, 6^7, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^8, 6^7, 12^2\})$	87380
12	$\mathcal{O}(0; \{3^{11}, 6^7, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^9, 3^2, 4^2, 6^7, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^5, 4^2, 6^7, 12^2\})$	43696
12	$\mathcal{O}(0; \{2, 3^8, 4^2, 6^7, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^6, 3^2, 4^4, 6^7, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^5, 4^4, 6^7, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^3, 3^2, 4^6, 6^7, 12^2\})$	87296
12	$\mathcal{O}(0; \{3^2, 4^8, 6^7, 12^2\})$	349184
12	$\mathcal{O}(0; \{2^{13}, 6^8, 12^2\})$	684
12	$\mathcal{O}(0; \{2^9, 3^3, 6^8, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^6, 6^8, 12^2\})$	43692
12	$\mathcal{O}(0; \{2, 3^9, 6^8, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{10}, 4^2, 6^8, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 6^8, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 6^8, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^7, 4^4, 6^8, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 6^8, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^4, 4^6, 6^8, 12^2\})$	43776
12	$\mathcal{O}(0; \{3^3, 4^6, 6^8, 12^2\})$	349440
12	$\mathcal{O}(0; \{2, 4^8, 6^8, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^{10}, 3, 6^9, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^4, 6^9, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^7, 6^9, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 6^9, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6^9, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 6^9, 12^2\})$	43712
12	$\mathcal{O}(0; \{3^4, 4^4, 6^9, 12^2\})$	349504
12	$\mathcal{O}(0; \{2, 3, 4^6, 6^9, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^7, 3^2, 6^{10}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^5, 6^{10}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^{10}, 12^2\})$	43696
12	$\mathcal{O}(0; \{3^5, 4^2, 6^{10}, 12^2\})$	349520
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^{10}, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^8, 6^{11}, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^3, 6^{11}, 12^2\})$	43692
12	$\mathcal{O}(0; \{3^6, 6^{11}, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^5, 4^2, 6^{11}, 12^2\})$	21840

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^{11}, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^2, 4^4, 6^{11}, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^5, 3, 6^{12}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2, 3^4, 6^{12}, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^{12}, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^2, 6^{13}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^3, 6^{14}, 12^2\})$	43692
12	$\mathcal{O}(0; \{4^2, 6^{14}, 12^2\})$	174768
12	$\mathcal{O}(0; \{3, 6^{15}, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{23}, 4, 12^3\})$	16
12	$\mathcal{O}(0; \{2^{19}, 3^3, 4, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{15}, 3^6, 4, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^{11}, 3^9, 4, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^7, 3^{12}, 4, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^3, 3^{15}, 4, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{20}, 4^3, 12^3\})$	64
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^3, 12^3\})$	704
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^3, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^9, 4^3, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^3, 12^3\})$	349504
12	$\mathcal{O}(0; \{3^{15}, 4^3, 12^3\})$	2796224
12	$\mathcal{O}(0; \{2^{17}, 4^5, 12^3\})$	256
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^5, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^9, 3^6, 4^5, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^9, 4^5, 12^3\})$	174848
12	$\mathcal{O}(0; \{2, 3^{12}, 4^5, 12^3\})$	1398016
12	$\mathcal{O}(0; \{2^{14}, 4^7, 12^3\})$	1024
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^7, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^6, 3^6, 4^7, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^9, 4^7, 12^3\})$	699392
12	$\mathcal{O}(0; \{2^{11}, 4^9, 12^3\})$	4096
12	$\mathcal{O}(0; \{2^7, 3^3, 4^9, 12^3\})$	45056
12	$\mathcal{O}(0; \{2^3, 3^6, 4^9, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^8, 4^{11}, 12^3\})$	16384
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{11}, 12^3\})$	180224
12	$\mathcal{O}(0; \{3^6, 4^{11}, 12^3\})$	1392640
12	$\mathcal{O}(0; \{2^5, 4^{13}, 12^3\})$	65536
12	$\mathcal{O}(0; \{2, 3^3, 4^{13}, 12^3\})$	720896
12	$\mathcal{O}(0; \{2^2, 4^{15}, 12^3\})$	262144
12	$\mathcal{O}(0; \{2^{20}, 3, 4, 6, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4, 6, 12^3\})$	688
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4, 6, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4, 6, 12^3\})$	43696

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4, 6, 12^3\})$	349520
12	$\mathcal{O}(0; \{3^{16}, 4, 6, 12^3\})$	2796208
12	$\mathcal{O}(0; \{2^{17}, 3, 4^3, 6, 12^3\})$	320
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^3, 6, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^9, 3^7, 4^3, 6, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^3, 6, 12^3\})$	174784
12	$\mathcal{O}(0; \{2, 3^{13}, 4^3, 6, 12^3\})$	1398080
12	$\mathcal{O}(0; \{2^{14}, 3, 4^5, 6, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^5, 6, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^7, 4^5, 6, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^5, 6, 12^3\})$	699136
12	$\mathcal{O}(0; \{2^{11}, 3, 4^7, 6, 12^3\})$	5120
12	$\mathcal{O}(0; \{2^7, 3^4, 4^7, 6, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^7, 4^7, 6, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^8, 3, 4^9, 6, 12^3\})$	20480
12	$\mathcal{O}(0; \{2^4, 3^4, 4^9, 6, 12^3\})$	176128
12	$\mathcal{O}(0; \{3^7, 4^9, 6, 12^3\})$	1396736
12	$\mathcal{O}(0; \{2^5, 3, 4^{11}, 6, 12^3\})$	81920
12	$\mathcal{O}(0; \{2, 3^4, 4^{11}, 6, 12^3\})$	704512
12	$\mathcal{O}(0; \{2^2, 3, 4^{13}, 6, 12^3\})$	327680
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4, 6^2, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4, 6^2, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^9, 3^8, 4, 6^2, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4, 6^2, 12^3\})$	174768
12	$\mathcal{O}(0; \{2, 3^{14}, 4, 6^2, 12^3\})$	1398096
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^3, 6^2, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^3, 6^2, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^8, 4^3, 6^2, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^3, 6^2, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^5, 6^2, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^7, 3^5, 4^5, 6^2, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^8, 4^5, 6^2, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^8, 3^2, 4^7, 6^2, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^5, 4^7, 6^2, 12^3\})$	175104
12	$\mathcal{O}(0; \{3^8, 4^7, 6^2, 12^3\})$	1397760
12	$\mathcal{O}(0; \{2^5, 3^2, 4^9, 6^2, 12^3\})$	86016
12	$\mathcal{O}(0; \{2, 3^5, 4^9, 6^2, 12^3\})$	700416
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{11}, 6^2, 12^3\})$	344064
12	$\mathcal{O}(0; \{2^{18}, 4, 6^3, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4, 6^3, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4, 6^3, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^6, 3^9, 4, 6^3, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4, 6^3, 12^3\})$	699056

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{15}, 4^3, 6^3, 12^3\})$	704
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^3, 6^3, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^6, 4^3, 6^3, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^9, 4^3, 6^3, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^{12}, 4^5, 6^3, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^8, 3^3, 4^5, 6^3, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^6, 4^5, 6^3, 12^3\})$	174848
12	$\mathcal{O}(0; \{3^9, 4^5, 6^3, 12^3\})$	1398016
12	$\mathcal{O}(0; \{2^9, 4^7, 6^3, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^5, 3^3, 4^7, 6^3, 12^3\})$	87040
12	$\mathcal{O}(0; \{2, 3^6, 4^7, 6^3, 12^3\})$	699392
12	$\mathcal{O}(0; \{2^6, 4^9, 6^3, 12^3\})$	45056
12	$\mathcal{O}(0; \{2^2, 3^3, 4^9, 6^3, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^3, 4^{11}, 6^3, 12^3\})$	180224
12	$\mathcal{O}(0; \{4^{13}, 6^3, 12^3\})$	720896
12	$\mathcal{O}(0; \{2^{15}, 3, 4, 6^4, 12^3\})$	688
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4, 6^4, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^7, 4, 6^4, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4, 6^4, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{12}, 3, 4^3, 6^4, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^4, 4^3, 6^4, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^7, 4^3, 6^4, 12^3\})$	174784
12	$\mathcal{O}(0; \{3^{10}, 4^3, 6^4, 12^3\})$	1398080
12	$\mathcal{O}(0; \{2^9, 3, 4^5, 6^4, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^4, 4^5, 6^4, 12^3\})$	87296
12	$\mathcal{O}(0; \{2, 3^7, 4^5, 6^4, 12^3\})$	699136
12	$\mathcal{O}(0; \{2^6, 3, 4^7, 6^4, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^4, 4^7, 6^4, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^3, 3, 4^9, 6^4, 12^3\})$	176128
12	$\mathcal{O}(0; \{3, 4^{11}, 6^4, 12^3\})$	704512
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4, 6^5, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^5, 4, 6^5, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^8, 4, 6^5, 12^3\})$	174768
12	$\mathcal{O}(0; \{3^{11}, 4, 6^5, 12^3\})$	1398096
12	$\mathcal{O}(0; \{2^9, 3^2, 4^3, 6^5, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^5, 4^3, 6^5, 12^3\})$	87360
12	$\mathcal{O}(0; \{2, 3^8, 4^3, 6^5, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^6, 3^2, 4^5, 6^5, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^5, 4^5, 6^5, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^2, 4^7, 6^5, 12^3\})$	175104
12	$\mathcal{O}(0; \{3^2, 4^9, 6^5, 12^3\})$	700416
12	$\mathcal{O}(0; \{2^{13}, 4, 6^6, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^3, 4, 6^6, 12^3\})$	10928

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^6, 4, 6^6, 12^3\})$	87376
12	$\mathcal{O}(0; \{2, 3^9, 4, 6^6, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{10}, 4^3, 6^6, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^3, 4^3, 6^6, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^6, 4^3, 6^6, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^7, 4^5, 6^6, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^3, 4^5, 6^6, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^4, 4^7, 6^6, 12^3\})$	87040
12	$\mathcal{O}(0; \{3^3, 4^7, 6^6, 12^3\})$	699392
12	$\mathcal{O}(0; \{2, 4^9, 6^6, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^{10}, 3, 4, 6^7, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^4, 4, 6^7, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^7, 4, 6^7, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^7, 3, 4^3, 6^7, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 6^7, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^4, 3, 4^5, 6^7, 12^3\})$	87296
12	$\mathcal{O}(0; \{3^4, 4^5, 6^7, 12^3\})$	699136
12	$\mathcal{O}(0; \{2, 3, 4^7, 6^7, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 6^8, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 6^8, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6^8, 12^3\})$	87360
12	$\mathcal{O}(0; \{3^5, 4^3, 6^8, 12^3\})$	699072
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 6^8, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^8, 4, 6^9, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^9, 12^3\})$	87376
12	$\mathcal{O}(0; \{3^6, 4, 6^9, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^5, 4^3, 6^9, 12^3\})$	43712
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^9, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^2, 4^5, 6^9, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^{10}, 12^3\})$	43696
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^{10}, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^{10}, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^{11}, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^3, 4, 6^{12}, 12^3\})$	87376
12	$\mathcal{O}(0; \{4^3, 6^{12}, 12^3\})$	349504
12	$\mathcal{O}(0; \{3, 4, 6^{13}, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{20}, 3^2, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{16}, 3^5, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^{12}, 3^8, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^8, 3^{11}, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^4, 3^{14}, 12^4\})$	699056
12	$\mathcal{O}(0; \{3^{17}, 12^4\})$	5592400
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^2, 12^4\})$	704

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^2, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^9, 3^8, 4^2, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^2, 12^4\})$	349504
12	$\mathcal{O}(0; \{2, 3^{14}, 4^2, 12^4\})$	2796224
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^4, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^4, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^8, 4^4, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^4, 12^4\})$	1398016
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^6, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^7, 3^5, 4^6, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^8, 4^6, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^8, 3^2, 4^8, 12^4\})$	45056
12	$\mathcal{O}(0; \{2^4, 3^5, 4^8, 12^4\})$	348160
12	$\mathcal{O}(0; \{3^8, 4^8, 12^4\})$	2797568
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{10}, 12^4\})$	180224
12	$\mathcal{O}(0; \{2, 3^5, 4^{10}, 12^4\})$	1392640
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{12}, 12^4\})$	720896
12	$\mathcal{O}(0; \{2^{21}, 6, 12^4\})$	80
12	$\mathcal{O}(0; \{2^{17}, 3^3, 6, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{13}, 3^6, 6, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^9, 3^9, 6, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^5, 3^{12}, 6, 12^4\})$	349520
12	$\mathcal{O}(0; \{2, 3^{15}, 6, 12^4\})$	2796208
12	$\mathcal{O}(0; \{2^{18}, 4^2, 6, 12^4\})$	320
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^2, 6, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^2, 6, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^9, 4^2, 6, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^2, 6, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^{15}, 4^4, 6, 12^4\})$	1280
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^4, 6, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^7, 3^6, 4^4, 6, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^9, 4^4, 6, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^{12}, 4^6, 6, 12^4\})$	5120
12	$\mathcal{O}(0; \{2^8, 3^3, 4^6, 6, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^6, 4^6, 6, 12^4\})$	349184
12	$\mathcal{O}(0; \{3^9, 4^6, 6, 12^4\})$	2796544
12	$\mathcal{O}(0; \{2^9, 4^8, 6, 12^4\})$	20480
12	$\mathcal{O}(0; \{2^5, 3^3, 4^8, 6, 12^4\})$	176128
12	$\mathcal{O}(0; \{2, 3^6, 4^8, 6, 12^4\})$	1396736
12	$\mathcal{O}(0; \{2^6, 4^{10}, 6, 12^4\})$	81920
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{10}, 6, 12^4\})$	704512
12	$\mathcal{O}(0; \{2^3, 4^{12}, 6, 12^4\})$	327680
12	$\mathcal{O}(0; \{4^{14}, 6, 12^4\})$	1310720

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{18}, 3, 6^2, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{14}, 3^4, 6^2, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^{10}, 3^7, 6^2, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^6, 3^{10}, 6^2, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^2, 3^{13}, 6^2, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^{15}, 3, 4^2, 6^2, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^2, 6^2, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^7, 4^2, 6^2, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^2, 6^2, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^{12}, 3, 4^4, 6^2, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^8, 3^4, 4^4, 6^2, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^7, 4^4, 6^2, 12^4\})$	349440
12	$\mathcal{O}(0; \{3^{10}, 4^4, 6^2, 12^4\})$	2796288
12	$\mathcal{O}(0; \{2^9, 3, 4^6, 6^2, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^5, 3^4, 4^6, 6^2, 12^4\})$	175104
12	$\mathcal{O}(0; \{2, 3^7, 4^6, 6^2, 12^4\})$	1397760
12	$\mathcal{O}(0; \{2^6, 3, 4^8, 6^2, 12^4\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^4, 4^8, 6^2, 12^4\})$	700416
12	$\mathcal{O}(0; \{2^3, 3, 4^{10}, 6^2, 12^4\})$	344064
12	$\mathcal{O}(0; \{3, 4^{12}, 6^2, 12^4\})$	1376256
12	$\mathcal{O}(0; \{2^{15}, 3^2, 6^3, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^{11}, 3^5, 6^3, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^7, 3^8, 6^3, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^3, 3^{11}, 6^3, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^2, 6^3, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^5, 4^2, 6^3, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^8, 4^2, 6^3, 12^4\})$	349504
12	$\mathcal{O}(0; \{3^{11}, 4^2, 6^3, 12^4\})$	2796224
12	$\mathcal{O}(0; \{2^9, 3^2, 4^4, 6^3, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^5, 4^4, 6^3, 12^4\})$	174848
12	$\mathcal{O}(0; \{2, 3^8, 4^4, 6^3, 12^4\})$	1398016
12	$\mathcal{O}(0; \{2^6, 3^2, 4^6, 6^3, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^5, 4^6, 6^3, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^3, 3^2, 4^8, 6^3, 12^4\})$	348160
12	$\mathcal{O}(0; \{3^2, 4^{10}, 6^3, 12^4\})$	1392640
12	$\mathcal{O}(0; \{2^{16}, 6^4, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{12}, 3^3, 6^4, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^8, 3^6, 6^4, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^4, 3^9, 6^4, 12^4\})$	349520
12	$\mathcal{O}(0; \{3^{12}, 6^4, 12^4\})$	2796208
12	$\mathcal{O}(0; \{2^{13}, 4^2, 6^4, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^9, 3^3, 4^2, 6^4, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^6, 4^2, 6^4, 12^4\})$	174784

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^9, 4^2, 6^4, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^{10}, 4^4, 6^4, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^3, 4^4, 6^4, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^6, 4^4, 6^4, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^7, 4^6, 6^4, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^3, 4^6, 6^4, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^4, 4^8, 6^4, 12^4\})$	176128
12	$\mathcal{O}(0; \{3^3, 4^8, 6^4, 12^4\})$	1396736
12	$\mathcal{O}(0; \{2, 4^{10}, 6^4, 12^4\})$	704512
12	$\mathcal{O}(0; \{2^{13}, 3, 6^5, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^9, 3^4, 6^5, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^5, 3^7, 6^5, 12^4\})$	174768
12	$\mathcal{O}(0; \{2, 3^{10}, 6^5, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^{10}, 3, 4^2, 6^5, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^4, 4^2, 6^5, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^7, 4^2, 6^5, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^7, 3, 4^4, 6^5, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^4, 4^4, 6^5, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^4, 3, 4^6, 6^5, 12^4\})$	175104
12	$\mathcal{O}(0; \{3^4, 4^6, 6^5, 12^4\})$	1397760
12	$\mathcal{O}(0; \{2, 3, 4^8, 6^5, 12^4\})$	700416
12	$\mathcal{O}(0; \{2^{10}, 3^2, 6^6, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^6, 3^5, 6^6, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^8, 6^6, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 6^6, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 6^6, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 6^6, 12^4\})$	174848
12	$\mathcal{O}(0; \{3^5, 4^4, 6^6, 12^4\})$	1398016
12	$\mathcal{O}(0; \{2, 3^2, 4^6, 6^6, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^{11}, 6^7, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^3, 6^7, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^6, 6^7, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^8, 4^2, 6^7, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6^7, 12^4\})$	174784
12	$\mathcal{O}(0; \{3^6, 4^2, 6^7, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^5, 4^4, 6^7, 12^4\})$	87296
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 6^7, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^2, 4^6, 6^7, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^8, 3, 6^8, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^4, 6^8, 12^4\})$	174768
12	$\mathcal{O}(0; \{3^7, 6^8, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^8, 12^4\})$	87360
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^8, 12^4\})$	699072

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^8, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^5, 3^2, 6^9, 12^4\})$	87376
12	$\mathcal{O}(0; \{2, 3^5, 6^9, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^9, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^6, 6^{10}, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^3, 6^{10}, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^3, 4^2, 6^{10}, 12^4\})$	174784
12	$\mathcal{O}(0; \{4^4, 6^{10}, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^3, 3, 6^{11}, 12^4\})$	174768
12	$\mathcal{O}(0; \{3, 4^2, 6^{11}, 12^4\})$	699072
12	$\mathcal{O}(0; \{3^2, 6^{12}, 12^4\})$	699056
12	$\mathcal{O}(0; \{2, 6^{13}, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{18}, 3, 4, 12^5\})$	704
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4, 12^5\})$	2796224
12	$\mathcal{O}(0; \{2^{15}, 3, 4^3, 12^5\})$	2816
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^3, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^7, 3^7, 4^3, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^3, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^{12}, 3, 4^5, 12^5\})$	11264
12	$\mathcal{O}(0; \{2^8, 3^4, 4^5, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^7, 4^5, 12^5\})$	699392
12	$\mathcal{O}(0; \{3^{10}, 4^5, 12^5\})$	5592064
12	$\mathcal{O}(0; \{2^9, 3, 4^7, 12^5\})$	45056
12	$\mathcal{O}(0; \{2^5, 3^4, 4^7, 12^5\})$	348160
12	$\mathcal{O}(0; \{2, 3^7, 4^7, 12^5\})$	2797568
12	$\mathcal{O}(0; \{2^6, 3, 4^9, 12^5\})$	180224
12	$\mathcal{O}(0; \{2^2, 3^4, 4^9, 12^5\})$	1392640
12	$\mathcal{O}(0; \{2^3, 3, 4^{11}, 12^5\})$	720896
12	$\mathcal{O}(0; \{3, 4^{13}, 12^5\})$	2883584
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4, 6, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4, 6, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^7, 3^8, 4, 6, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4, 6, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^3, 6, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^8, 3^5, 4^3, 6, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^8, 4^3, 6, 12^5\})$	699136
12	$\mathcal{O}(0; \{3^{11}, 4^3, 6, 12^5\})$	5592320
12	$\mathcal{O}(0; \{2^9, 3^2, 4^5, 6, 12^5\})$	44032
12	$\mathcal{O}(0; \{2^5, 3^5, 4^5, 6, 12^5\})$	349184
12	$\mathcal{O}(0; \{2, 3^8, 4^5, 6, 12^5\})$	2796544

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3^2, 4^7, 6, 12^5\})$	176128
12	$\mathcal{O}(0; \{2^2, 3^5, 4^7, 6, 12^5\})$	1396736
12	$\mathcal{O}(0; \{2^3, 3^2, 4^9, 6, 12^5\})$	704512
12	$\mathcal{O}(0; \{3^2, 4^{11}, 6, 12^5\})$	2818048
12	$\mathcal{O}(0; \{2^{16}, 4, 6^2, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4, 6^2, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^8, 3^6, 4, 6^2, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^9, 4, 6^2, 12^5\})$	699072
12	$\mathcal{O}(0; \{3^{12}, 4, 6^2, 12^5\})$	5592384
12	$\mathcal{O}(0; \{2^{13}, 4^3, 6^2, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^9, 3^3, 4^3, 6^2, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^6, 4^3, 6^2, 12^5\})$	349440
12	$\mathcal{O}(0; \{2, 3^9, 4^3, 6^2, 12^5\})$	2796288
12	$\mathcal{O}(0; \{2^{10}, 4^5, 6^2, 12^5\})$	21504
12	$\mathcal{O}(0; \{2^6, 3^3, 4^5, 6^2, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^6, 4^5, 6^2, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^7, 4^7, 6^2, 12^5\})$	86016
12	$\mathcal{O}(0; \{2^3, 3^3, 4^7, 6^2, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^4, 4^9, 6^2, 12^5\})$	344064
12	$\mathcal{O}(0; \{3^3, 4^9, 6^2, 12^5\})$	2801664
12	$\mathcal{O}(0; \{2, 4^{11}, 6^2, 12^5\})$	1376256
12	$\mathcal{O}(0; \{2^{13}, 3, 4, 6^3, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^9, 3^4, 4, 6^3, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^7, 4, 6^3, 12^5\})$	349504
12	$\mathcal{O}(0; \{2, 3^{10}, 4, 6^3, 12^5\})$	2796224
12	$\mathcal{O}(0; \{2^{10}, 3, 4^3, 6^3, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^4, 4^3, 6^3, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^7, 4^3, 6^3, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^7, 3, 4^5, 6^3, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^4, 4^5, 6^3, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^4, 3, 4^7, 6^3, 12^5\})$	348160
12	$\mathcal{O}(0; \{3^4, 4^7, 6^3, 12^5\})$	2797568
12	$\mathcal{O}(0; \{2, 3, 4^9, 6^3, 12^5\})$	1392640
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4, 6^4, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^5, 4, 6^4, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^8, 4, 6^4, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^7, 3^2, 4^3, 6^4, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^5, 4^3, 6^4, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^4, 3^2, 4^5, 6^4, 12^5\})$	349184
12	$\mathcal{O}(0; \{3^5, 4^5, 6^4, 12^5\})$	2796544
12	$\mathcal{O}(0; \{2, 3^2, 4^7, 6^4, 12^5\})$	1396736
12	$\mathcal{O}(0; \{2^{11}, 4, 6^5, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 6^5, 12^5\})$	87360

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 6^5, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^8, 4^3, 6^5, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 6^5, 12^5\})$	349440
12	$\mathcal{O}(0; \{3^6, 4^3, 6^5, 12^5\})$	2796288
12	$\mathcal{O}(0; \{2^5, 4^5, 6^5, 12^5\})$	175104
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 6^5, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^2, 4^7, 6^5, 12^5\})$	700416
12	$\mathcal{O}(0; \{2^8, 3, 4, 6^6, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6^6, 12^5\})$	349504
12	$\mathcal{O}(0; \{3^7, 4, 6^6, 12^5\})$	2796224
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 6^6, 12^5\})$	174848
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6^6, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6^6, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^7, 12^5\})$	174784
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^7, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^7, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^6, 4, 6^8, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^8, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^3, 4^3, 6^8, 12^5\})$	349440
12	$\mathcal{O}(0; \{4^5, 6^8, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^9, 12^5\})$	349504
12	$\mathcal{O}(0; \{3, 4^3, 6^9, 12^5\})$	1398016
12	$\mathcal{O}(0; \{3^2, 4, 6^{10}, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2, 4, 6^{11}, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^{19}, 12^6\})$	704
12	$\mathcal{O}(0; \{2^{15}, 3^3, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^{11}, 3^6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^7, 3^9, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^3, 3^{12}, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^{16}, 4^2, 12^6\})$	2816
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^2, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^8, 3^6, 4^2, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^9, 4^2, 12^6\})$	1398016
12	$\mathcal{O}(0; \{3^{12}, 4^2, 12^6\})$	11184896
12	$\mathcal{O}(0; \{2^{13}, 4^4, 12^6\})$	11264
12	$\mathcal{O}(0; \{2^9, 3^3, 4^4, 12^6\})$	87040
12	$\mathcal{O}(0; \{2^5, 3^6, 4^4, 12^6\})$	699392
12	$\mathcal{O}(0; \{2, 3^9, 4^4, 12^6\})$	5592064
12	$\mathcal{O}(0; \{2^{10}, 4^6, 12^6\})$	45056
12	$\mathcal{O}(0; \{2^6, 3^3, 4^6, 12^6\})$	348160
12	$\mathcal{O}(0; \{2^2, 3^6, 4^6, 12^6\})$	2797568
12	$\mathcal{O}(0; \{2^7, 4^8, 12^6\})$	180224
12	$\mathcal{O}(0; \{2^3, 3^3, 4^8, 12^6\})$	1392640

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 4^{10}, 12^6\})$	720896
12	$\mathcal{O}(0; \{3^3, 4^{10}, 12^6\})$	5570560
12	$\mathcal{O}(0; \{2, 4^{12}, 12^6\})$	2883584
12	$\mathcal{O}(0; \{2^{16}, 3, 6, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^{12}, 3^4, 6, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^8, 3^7, 6, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^4, 3^{10}, 6, 12^6\})$	1398080
12	$\mathcal{O}(0; \{3^{13}, 6, 12^6\})$	11184832
12	$\mathcal{O}(0; \{2^{13}, 3, 4^2, 6, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^9, 3^4, 4^2, 6, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^7, 4^2, 6, 12^6\})$	699136
12	$\mathcal{O}(0; \{2, 3^{10}, 4^2, 6, 12^6\})$	5592320
12	$\mathcal{O}(0; \{2^{10}, 3, 4^4, 6, 12^6\})$	44032
12	$\mathcal{O}(0; \{2^6, 3^4, 4^4, 6, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^7, 4^4, 6, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2^7, 3, 4^6, 6, 12^6\})$	176128
12	$\mathcal{O}(0; \{2^3, 3^4, 4^6, 6, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^4, 3, 4^8, 6, 12^6\})$	704512
12	$\mathcal{O}(0; \{3^4, 4^8, 6, 12^6\})$	5586944
12	$\mathcal{O}(0; \{2, 3, 4^{10}, 6, 12^6\})$	2818048
12	$\mathcal{O}(0; \{2^{13}, 3^2, 6^2, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^9, 3^5, 6^2, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^5, 3^8, 6^2, 12^6\})$	699072
12	$\mathcal{O}(0; \{2, 3^{11}, 6^2, 12^6\})$	5592384
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^2, 6^2, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^5, 4^2, 6^2, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^8, 4^2, 6^2, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^7, 3^2, 4^4, 6^2, 12^6\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^5, 4^4, 6^2, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^4, 3^2, 4^6, 6^2, 12^6\})$	700416
12	$\mathcal{O}(0; \{3^5, 4^6, 6^2, 12^6\})$	5591040
12	$\mathcal{O}(0; \{2, 3^2, 4^8, 6^2, 12^6\})$	2801664
12	$\mathcal{O}(0; \{2^{14}, 6^3, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^{10}, 3^3, 6^3, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^6, 3^6, 6^3, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^2, 3^9, 6^3, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^{11}, 4^2, 6^3, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 6^3, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 6^3, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^8, 4^4, 6^3, 12^6\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 6^3, 12^6\})$	699392
12	$\mathcal{O}(0; \{3^6, 4^4, 6^3, 12^6\})$	5592064
12	$\mathcal{O}(0; \{2^5, 4^6, 6^3, 12^6\})$	348160

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 6^3, 12^6\})$	2797568
12	$\mathcal{O}(0; \{2^2, 4^8, 6^3, 12^6\})$	1392640
12	$\mathcal{O}(0; \{2^{11}, 3, 6^4, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^7, 3^4, 6^4, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^3, 3^7, 6^4, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6^4, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6^4, 12^6\})$	699136
12	$\mathcal{O}(0; \{3^7, 4^2, 6^4, 12^6\})$	5592320
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6^4, 12^6\})$	349184
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6^4, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 6^4, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^8, 3^2, 6^5, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^5, 6^5, 12^6\})$	699072
12	$\mathcal{O}(0; \{3^8, 6^5, 12^6\})$	5592384
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^5, 12^6\})$	349440
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^5, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^5, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^9, 6^6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^3, 6^6, 12^6\})$	349504
12	$\mathcal{O}(0; \{2, 3^6, 6^6, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^6, 4^2, 6^6, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^6, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^3, 4^4, 6^6, 12^6\})$	699392
12	$\mathcal{O}(0; \{4^6, 6^6, 12^6\})$	2797568
12	$\mathcal{O}(0; \{2^6, 3, 6^7, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^4, 6^7, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^7, 12^6\})$	699136
12	$\mathcal{O}(0; \{3, 4^4, 6^7, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2^3, 3^2, 6^8, 12^6\})$	699072
12	$\mathcal{O}(0; \{3^2, 4^2, 6^8, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^4, 6^9, 12^6\})$	349504
12	$\mathcal{O}(0; \{3^3, 6^9, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2, 4^2, 6^9, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2, 3, 6^{10}, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^9, 3^5, 4, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^5, 3^8, 4, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2, 3^{11}, 4, 12^7\})$	11184896
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^3, 12^7\})$	87040
12	$\mathcal{O}(0; \{2^6, 3^5, 4^3, 12^7\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^8, 4^3, 12^7\})$	5592064
12	$\mathcal{O}(0; \{2^7, 3^2, 4^5, 12^7\})$	348160
12	$\mathcal{O}(0; \{2^3, 3^5, 4^5, 12^7\})$	2797568

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^2, 4^7, 12^7\})$	1392640
12	$\mathcal{O}(0; \{3^5, 4^7, 12^7\})$	11190272
12	$\mathcal{O}(0; \{2, 3^2, 4^9, 12^7\})$	5570560
12	$\mathcal{O}(0; \{2^{14}, 4, 6, 12^7\})$	11008
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4, 6, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^6, 3^6, 4, 6, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^2, 3^9, 4, 6, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2^{11}, 4^3, 6, 12^7\})$	44032
12	$\mathcal{O}(0; \{2^7, 3^3, 4^3, 6, 12^7\})$	349184
12	$\mathcal{O}(0; \{2^3, 3^6, 4^3, 6, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^8, 4^5, 6, 12^7\})$	176128
12	$\mathcal{O}(0; \{2^4, 3^3, 4^5, 6, 12^7\})$	1396736
12	$\mathcal{O}(0; \{3^6, 4^5, 6, 12^7\})$	11186176
12	$\mathcal{O}(0; \{2^5, 4^7, 6, 12^7\})$	704512
12	$\mathcal{O}(0; \{2, 3^3, 4^7, 6, 12^7\})$	5586944
12	$\mathcal{O}(0; \{2^2, 4^9, 6, 12^7\})$	2818048
12	$\mathcal{O}(0; \{2^{11}, 3, 4, 6^2, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^7, 3^4, 4, 6^2, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^7, 4, 6^2, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^8, 3, 4^3, 6^2, 12^7\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^4, 4^3, 6^2, 12^7\})$	1397760
12	$\mathcal{O}(0; \{3^7, 4^3, 6^2, 12^7\})$	11185152
12	$\mathcal{O}(0; \{2^5, 3, 4^5, 6^2, 12^7\})$	700416
12	$\mathcal{O}(0; \{2, 3^4, 4^5, 6^2, 12^7\})$	5591040
12	$\mathcal{O}(0; \{2^2, 3, 4^7, 6^2, 12^7\})$	2801664
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 6^3, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 6^3, 12^7\})$	1398016
12	$\mathcal{O}(0; \{3^8, 4, 6^3, 12^7\})$	11184896
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 6^3, 12^7\})$	699392
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 6^3, 12^7\})$	5592064
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 6^3, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2^9, 4, 6^4, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6^4, 12^7\})$	699136
12	$\mathcal{O}(0; \{2, 3^6, 4, 6^4, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2^6, 4^3, 6^4, 12^7\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6^4, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^3, 4^5, 6^4, 12^7\})$	1396736
12	$\mathcal{O}(0; \{4^7, 6^4, 12^7\})$	5586944
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^5, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^5, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^5, 12^7\})$	1397760
12	$\mathcal{O}(0; \{3, 4^5, 6^5, 12^7\})$	5591040
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^6, 12^7\})$	1398016

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^2, 4^3, 6^6, 12^7\})$	5592064
12	$\mathcal{O}(0; \{2^4, 4, 6^7, 12^7\})$	699136
12	$\mathcal{O}(0; \{3^3, 4, 6^7, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2, 4^3, 6^7, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2, 3, 4, 6^8, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^{14}, 3, 12^8\})$	21760
12	$\mathcal{O}(0; \{2^{10}, 3^4, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^6, 3^7, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^2, 3^{10}, 12^8\})$	11184896
12	$\mathcal{O}(0; \{2^{11}, 3, 4^2, 12^8\})$	87040
12	$\mathcal{O}(0; \{2^7, 3^4, 4^2, 12^8\})$	699392
12	$\mathcal{O}(0; \{2^3, 3^7, 4^2, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2^8, 3, 4^4, 12^8\})$	348160
12	$\mathcal{O}(0; \{2^4, 3^4, 4^4, 12^8\})$	2797568
12	$\mathcal{O}(0; \{3^7, 4^4, 12^8\})$	22368256
12	$\mathcal{O}(0; \{2^5, 3, 4^6, 12^8\})$	1392640
12	$\mathcal{O}(0; \{2, 3^4, 4^6, 12^8\})$	11190272
12	$\mathcal{O}(0; \{2^2, 3, 4^8, 12^8\})$	5570560
12	$\mathcal{O}(0; \{2^{11}, 3^2, 6, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^7, 3^5, 6, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^3, 3^8, 6, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 6, 12^8\})$	349184
12	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 6, 12^8\})$	2796544
12	$\mathcal{O}(0; \{3^8, 4^2, 6, 12^8\})$	22369280
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 6, 12^8\})$	1396736
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 6, 12^8\})$	11186176
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 6, 12^8\})$	5586944
12	$\mathcal{O}(0; \{2^{12}, 6^2, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^8, 3^3, 6^2, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^4, 3^6, 6^2, 12^8\})$	2796288
12	$\mathcal{O}(0; \{3^9, 6^2, 12^8\})$	22369536
12	$\mathcal{O}(0; \{2^9, 4^2, 6^2, 12^8\})$	175104
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6^2, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6^2, 12^8\})$	11185152
12	$\mathcal{O}(0; \{2^6, 4^4, 6^2, 12^8\})$	700416
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6^2, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2^3, 4^6, 6^2, 12^8\})$	2801664
12	$\mathcal{O}(0; \{4^8, 6^2, 12^8\})$	11206656
12	$\mathcal{O}(0; \{2^9, 3, 6^3, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^5, 3^4, 6^3, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2, 3^7, 6^3, 12^8\})$	11184896
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^3, 12^8\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^3, 12^8\})$	5592064

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^3, 12^8\})$	2797568
12	$\mathcal{O}(0; \{3, 4^6, 6^3, 12^8\})$	11190272
12	$\mathcal{O}(0; \{2^6, 3^2, 6^4, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^2, 3^5, 6^4, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^4, 12^8\})$	2796544
12	$\mathcal{O}(0; \{3^2, 4^4, 6^4, 12^8\})$	11186176
12	$\mathcal{O}(0; \{2^7, 6^5, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^3, 6^5, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^4, 4^2, 6^5, 12^8\})$	1397760
12	$\mathcal{O}(0; \{3^3, 4^2, 6^5, 12^8\})$	11185152
12	$\mathcal{O}(0; \{2, 4^4, 6^5, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2^4, 3, 6^6, 12^8\})$	1398016
12	$\mathcal{O}(0; \{3^4, 6^6, 12^8\})$	11184896
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^6, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2, 3^2, 6^7, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^2, 6^8, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^{12}, 4, 12^9\})$	87040
12	$\mathcal{O}(0; \{2^8, 3^3, 4, 12^9\})$	699392
12	$\mathcal{O}(0; \{2^4, 3^6, 4, 12^9\})$	5592064
12	$\mathcal{O}(0; \{3^9, 4, 12^9\})$	44739584
12	$\mathcal{O}(0; \{2^9, 4^3, 12^9\})$	348160
12	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 12^9\})$	2797568
12	$\mathcal{O}(0; \{2, 3^6, 4^3, 12^9\})$	22368256
12	$\mathcal{O}(0; \{2^6, 4^5, 12^9\})$	1392640
12	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 12^9\})$	11190272
12	$\mathcal{O}(0; \{2^3, 4^7, 12^9\})$	5570560
12	$\mathcal{O}(0; \{4^9, 12^9\})$	22282240
12	$\mathcal{O}(0; \{2^9, 3, 4, 6, 12^9\})$	349184
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 6, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2, 3^7, 4, 6, 12^9\})$	22369280
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 6, 12^9\})$	1396736
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6, 12^9\})$	11186176
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 6, 12^9\})$	5586944
12	$\mathcal{O}(0; \{3, 4^7, 6, 12^9\})$	22347776
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^2, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^2, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^2, 12^9\})$	5591040
12	$\mathcal{O}(0; \{3^2, 4^5, 6^2, 12^9\})$	22364160
12	$\mathcal{O}(0; \{2^7, 4, 6^3, 12^9\})$	699392
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^3, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^4, 4^3, 6^3, 12^9\})$	2797568
12	$\mathcal{O}(0; \{3^3, 4^3, 6^3, 12^9\})$	22368256
12	$\mathcal{O}(0; \{2, 4^5, 6^3, 12^9\})$	11190272

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^4, 12^9\})$	2796544
12	$\mathcal{O}(0; \{3^4, 4, 6^4, 12^9\})$	22369280
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^4, 12^9\})$	11186176
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^5, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2^2, 4, 6^6, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^9, 3^2, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{2^5, 3^5, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2, 3^8, 12^{10}\})$	44739584
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 12^{10}\})$	22368256
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 12^{10}\})$	11190272
12	$\mathcal{O}(0; \{3^2, 4^6, 12^{10}\})$	44761088
12	$\mathcal{O}(0; \{2^{10}, 6, 12^{10}\})$	349184
12	$\mathcal{O}(0; \{2^6, 3^3, 6, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2^2, 3^6, 6, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2^7, 4^2, 6, 12^{10}\})$	1396736
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{2^4, 4^4, 6, 12^{10}\})$	5586944
12	$\mathcal{O}(0; \{3^3, 4^4, 6, 12^{10}\})$	44744704
12	$\mathcal{O}(0; \{2, 4^6, 6, 12^{10}\})$	22347776
12	$\mathcal{O}(0; \{2^7, 3, 6^2, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2^3, 3^4, 6^2, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^2, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{3^4, 4^2, 6^2, 12^{10}\})$	44740608
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^2, 12^{10}\})$	22364160
12	$\mathcal{O}(0; \{2^4, 3^2, 6^3, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{3^5, 6^3, 12^{10}\})$	44739584
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^3, 12^{10}\})$	22368256
12	$\mathcal{O}(0; \{2^5, 6^4, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2, 3^3, 6^4, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2^2, 4^2, 6^4, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{2^2, 3, 6^5, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{6^7, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2^7, 3, 4, 12^{11}\})$	2797568
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 12^{11}\})$	11190272
12	$\mathcal{O}(0; \{3^4, 4^3, 12^{11}\})$	89473024
12	$\mathcal{O}(0; \{2, 3, 4^5, 12^{11}\})$	44761088
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{3^5, 4, 6, 12^{11}\})$	89477120
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6, 12^{11}\})$	44744704
12	$\mathcal{O}(0; \{2^5, 4, 6^2, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^2, 12^{11}\})$	44740608

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 4^3, 6^2, 12^{11}\})$	22364160
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^3, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{4, 6^5, 12^{11}\})$	44740608
12	$\mathcal{O}(0; \{2^8, 12^{12}\})$	2797568
12	$\mathcal{O}(0; \{2^4, 3^3, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{3^6, 12^{12}\})$	178958336
12	$\mathcal{O}(0; \{2^5, 4^2, 12^{12}\})$	11190272
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 12^{12}\})$	89473024
12	$\mathcal{O}(0; \{2^2, 4^4, 12^{12}\})$	44761088
12	$\mathcal{O}(0; \{2^5, 3, 6, 12^{12}\})$	11186176
12	$\mathcal{O}(0; \{2, 3^4, 6, 12^{12}\})$	89477120
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 12^{12}\})$	44744704
12	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 12^{12}\})$	44740608
12	$\mathcal{O}(0; \{2^3, 6^3, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{4^2, 6^3, 12^{12}\})$	89473024
12	$\mathcal{O}(0; \{3, 6^4, 12^{12}\})$	89477120
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 12^{13}\})$	89473024
12	$\mathcal{O}(0; \{2^3, 4, 6, 12^{13}\})$	44744704
12	$\mathcal{O}(0; \{4^3, 6, 12^{13}\})$	178978816
12	$\mathcal{O}(0; \{3, 4, 6^2, 12^{13}\})$	178962432
12	$\mathcal{O}(0; \{2^3, 3, 12^{14}\})$	89473024
12	$\mathcal{O}(0; \{3, 4^2, 12^{14}\})$	357892096
12	$\mathcal{O}(0; \{3^2, 6, 12^{14}\})$	357908480
12	$\mathcal{O}(0; \{2, 6^2, 12^{14}\})$	178962432
12	$\mathcal{O}(0; \{2, 4, 12^{15}\})$	357892096
13	$\mathcal{O}(7; \emptyset)$	3937376385699288
13	$\mathcal{O}(1; \{13^{13}\})$	1390911669927780
14	$\mathcal{O}(5; \{2, 7^2, 14\})$	8677639649280
14	$\mathcal{O}(4; \{7^6\})$	9799181683830
14	$\mathcal{O}(4; \{2^5, 7^2, 14\})$	44273671680
14	$\mathcal{O}(4; \{2^3, 7, 14^3\})$	274496764416
14	$\mathcal{O}(4; \{2, 14^5\})$	1638125852160
14	$\mathcal{O}(3; \{2^4, 7^6\})$	50191886976
14	$\mathcal{O}(3; \{2^9, 7^2, 14\})$	225886080
14	$\mathcal{O}(3; \{2^2, 7^5, 14^2\})$	301106144640
14	$\mathcal{O}(3; \{2^7, 7, 14^3\})$	1400493696
14	$\mathcal{O}(3; \{7^4, 14^4\})$	1806682045056
14	$\mathcal{O}(3; \{2^5, 14^5\})$	8357784960
14	$\mathcal{O}(2; \{2^8, 7^6\})$	256081056
14	$\mathcal{O}(2; \{2^{13}, 7^2, 14\})$	1152480
14	$\mathcal{O}(2; \{2, 7^9, 14\})$	331838406816
14	$\mathcal{O}(2; \{2^6, 7^5, 14^2\})$	1536255840
14	$\mathcal{O}(2; \{2^{11}, 7, 14^3\})$	7145376

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(2; \{2^4, 7^4, 14^4\})$	9217765536
14	$\mathcal{O}(2; \{2^9, 14^5\})$	42641760
14	$\mathcal{O}(2; \{2^2, 7^3, 14^6\})$	55306362720
14	$\mathcal{O}(2; \{7^2, 14^8\})$	331838406816
14	$\mathcal{O}(1; \{2^{12}, 7^6\})$	1306536
14	$\mathcal{O}(1; \{7^{13}\})$	274274574210
14	$\mathcal{O}(1; \{2^{17}, 7^2, 14\})$	5880
14	$\mathcal{O}(1; \{2^5, 7^9, 14\})$	1693053096
14	$\mathcal{O}(1; \{2^{10}, 7^5, 14^2\})$	7838040
14	$\mathcal{O}(1; \{2^{15}, 7, 14^3\})$	36456
14	$\mathcal{O}(1; \{2^3, 7^8, 14^3\})$	10158317400
14	$\mathcal{O}(1; \{2^8, 7^4, 14^4\})$	47029416
14	$\mathcal{O}(1; \{2^{13}, 14^5\})$	217560
14	$\mathcal{O}(1; \{2, 7^7, 14^5\})$	60949905576
14	$\mathcal{O}(1; \{2^6, 7^3, 14^6\})$	282175320
14	$\mathcal{O}(1; \{2^4, 7^2, 14^8\})$	1693053096
14	$\mathcal{O}(1; \{2^2, 7, 14^{10}\})$	10158317400
14	$\mathcal{O}(1; \{14^{12}\})$	60949905576
14	$\mathcal{O}(0; \{2^{16}, 7^6\})$	6666
14	$\mathcal{O}(0; \{2^4, 7^{13}\})$	1865813430
14	$\mathcal{O}(0; \{2^{21}, 7^2, 14\})$	30
14	$\mathcal{O}(0; \{2^9, 7^9, 14\})$	8638026
14	$\mathcal{O}(0; \{2^{14}, 7^5, 14^2\})$	39990
14	$\mathcal{O}(0; \{2^2, 7^{12}, 14^2\})$	11194880586
14	$\mathcal{O}(0; \{2^{19}, 7, 14^3\})$	186
14	$\mathcal{O}(0; \{2^7, 7^8, 14^3\})$	51828150
14	$\mathcal{O}(0; \{2^{12}, 7^4, 14^4\})$	239946
14	$\mathcal{O}(0; \{7^{11}, 14^4\})$	67169283510
14	$\mathcal{O}(0; \{2^{17}, 14^5\})$	1110
14	$\mathcal{O}(0; \{2^5, 7^7, 14^5\})$	310968906
14	$\mathcal{O}(0; \{2^{10}, 7^3, 14^6\})$	1439670
14	$\mathcal{O}(0; \{2^3, 7^6, 14^7\})$	1865813430
14	$\mathcal{O}(0; \{2^8, 7^2, 14^8\})$	8638026
14	$\mathcal{O}(0; \{2, 7^5, 14^9\})$	11194880586
14	$\mathcal{O}(0; \{2^6, 7, 14^{10}\})$	51828150
14	$\mathcal{O}(0; \{2^4, 14^{12}\})$	310968906
15	$\mathcal{O}(5; \{5^3\})$	6919687500000
15	$\mathcal{O}(5; \{3, 5, 15\})$	4613203125000
15	$\mathcal{O}(4; \{3^3, 5^3\})$	61509375000
15	$\mathcal{O}(4; \{3^4, 5, 15\})$	102515625000
15	$\mathcal{O}(4; \{5^2, 15^3\})$	1045659375000
15	$\mathcal{O}(4; \{3, 15^4\})$	1332703125000
15	$\mathcal{O}(3; \{3^6, 5^3\})$	3007125000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(3; \{5^8\})$	149103500000
15	$\mathcal{O}(3; \{3^7, 5, 15\})$	3918375000
15	$\mathcal{O}(3; \{3, 5^6, 15\})$	74631375000
15	$\mathcal{O}(3; \{3^2, 5^4, 15^2\})$	56041875000
15	$\mathcal{O}(3; \{3^3, 5^2, 15^3\})$	51121125000
15	$\mathcal{O}(3; \{3^4, 15^4\})$	50938875000
15	$\mathcal{O}(3; \{5, 15^6\})$	820945125000
15	$\mathcal{O}(2; \{3^9, 5^3\})$	103275000
15	$\mathcal{O}(2; \{3^3, 5^8\})$	1327185000
15	$\mathcal{O}(2; \{3^{10}, 5, 15\})$	138105000
15	$\mathcal{O}(2; \{3^4, 5^6, 15\})$	1658475000
15	$\mathcal{O}(2; \{3^5, 5^4, 15^2\})$	1743525000
15	$\mathcal{O}(2; \{3^6, 5^2, 15^3\})$	1755675000
15	$\mathcal{O}(2; \{5^7, 15^3\})$	21233745000
15	$\mathcal{O}(2; \{3^7, 15^4\})$	1795365000
15	$\mathcal{O}(2; \{3, 5^5, 15^4\})$	26541675000
15	$\mathcal{O}(2; \{3^2, 5^3, 15^5\})$	27870885000
15	$\mathcal{O}(2; \{3^3, 5, 15^6\})$	28194075000
15	$\mathcal{O}(2; \{15^9\})$	451208475000
15	$\mathcal{O}(1; \{3^{12}, 5^3\})$	3688200
15	$\mathcal{O}(1; \{3^6, 5^8\})$	64884600
15	$\mathcal{O}(1; \{5^{13}\})$	2684354400
15	$\mathcal{O}(1; \{3^{13}, 5, 15\})$	4915800
15	$\mathcal{O}(1; \{3^7, 5^6, 15\})$	63390600
15	$\mathcal{O}(1; \{3, 5^{11}, 15\})$	1509949800
15	$\mathcal{O}(1; \{3^8, 5^4, 15^2\})$	63099000
15	$\mathcal{O}(1; \{3^2, 5^9, 15^2\})$	1132461000
15	$\mathcal{O}(1; \{3^9, 5^2, 15^3\})$	62699400
15	$\mathcal{O}(1; \{3^3, 5^7, 15^3\})$	1038094200
15	$\mathcal{O}(1; \{3^{10}, 15^4\})$	63905400
15	$\mathcal{O}(1; \{3^4, 5^5, 15^4\})$	1014481800
15	$\mathcal{O}(1; \{3^5, 5^3, 15^5\})$	1008660600
15	$\mathcal{O}(1; \{3^6, 5, 15^6\})$	1006878600
15	$\mathcal{O}(1; \{5^6, 15^6\})$	16609447800
15	$\mathcal{O}(1; \{3, 5^4, 15^7\})$	16231941000
15	$\mathcal{O}(1; \{3^2, 5^2, 15^8\})$	16137646200
15	$\mathcal{O}(1; \{3^3, 15^9\})$	16113745800
15	$\mathcal{O}(0; \{3^{15}, 5^3\})$	131064
15	$\mathcal{O}(0; \{3^9, 5^8\})$	2228360
15	$\mathcal{O}(0; \{3^3, 5^{13}\})$	26843544
15	$\mathcal{O}(0; \{3^{16}, 5, 15\})$	174760
15	$\mathcal{O}(0; \{3^{10}, 5^6, 15\})$	2234232
15	$\mathcal{O}(0; \{3^4, 5^{11}, 15\})$	33554440

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{3^{11}, 5^4, 15^2\})$	2238600
15	$\mathcal{O}(0; \{3^5, 5^9, 15^2\})$	35232120
15	$\mathcal{O}(0; \{3^{12}, 5^2, 15^3\})$	2228088
15	$\mathcal{O}(0; \{3^6, 5^7, 15^3\})$	35651720
15	$\mathcal{O}(0; \{5^{12}, 15^3\})$	429496728
15	$\mathcal{O}(0; \{3^{13}, 15^4\})$	2271880
15	$\mathcal{O}(0; \{3^7, 5^5, 15^4\})$	35755896
15	$\mathcal{O}(0; \{3, 5^{10}, 15^4\})$	536870920
15	$\mathcal{O}(0; \{3^8, 5^3, 15^5\})$	35784840
15	$\mathcal{O}(0; \{3^2, 5^8, 15^5\})$	563714424
15	$\mathcal{O}(0; \{3^9, 5, 15^6\})$	35780472
15	$\mathcal{O}(0; \{3^3, 5^6, 15^6\})$	570425480
15	$\mathcal{O}(0; \{3^4, 5^4, 15^7\})$	572102520
15	$\mathcal{O}(0; \{3^5, 5^2, 15^8\})$	572524680
15	$\mathcal{O}(0; \{3^6, 15^9\})$	572618616
15	$\mathcal{O}(0; \{5^5, 15^9\})$	9126805640
15	$\mathcal{O}(0; \{3, 5^3, 15^{10}\})$	9153648504
15	$\mathcal{O}(0; \{3^2, 5, 15^{11}\})$	9160362120
16	$\mathcal{O}(5; \{8^2\})$	4393751543808
16	$\mathcal{O}(4; \{2^4, 8^2\})$	17112760320
16	$\mathcal{O}(4; \{2, 4^2, 8^2\})$	68451041280
16	$\mathcal{O}(4; \{2^2, 8, 16^2\})$	137438953472
16	$\mathcal{O}(4; \{16^4\})$	2199023255552
16	$\mathcal{O}(3; \{2^8, 8^2\})$	66060288
16	$\mathcal{O}(3; \{2^5, 4^2, 8^2\})$	264241152
16	$\mathcal{O}(3; \{2^2, 4^4, 8^2\})$	1056964608
16	$\mathcal{O}(3; \{2^3, 4, 8^4\})$	2113929216
16	$\mathcal{O}(3; \{4^3, 8^4\})$	8455716864
16	$\mathcal{O}(3; \{2, 8^6\})$	16911433728
16	$\mathcal{O}(3; \{2^6, 8, 16^2\})$	536870912
16	$\mathcal{O}(3; \{2^3, 4^2, 8, 16^2\})$	2147483648
16	$\mathcal{O}(3; \{4^4, 8, 16^2\})$	8589934592
16	$\mathcal{O}(3; \{2, 4, 8^3, 16^2\})$	17179869184
16	$\mathcal{O}(3; \{2^4, 16^4\})$	8589934592
16	$\mathcal{O}(3; \{2, 4^2, 16^4\})$	34359738368
16	$\mathcal{O}(2; \{2^{12}, 8^2\})$	245760
16	$\mathcal{O}(2; \{2^9, 4^2, 8^2\})$	983040
16	$\mathcal{O}(2; \{2^6, 4^4, 8^2\})$	3932160
16	$\mathcal{O}(2; \{2^3, 4^6, 8^2\})$	15728640
16	$\mathcal{O}(2; \{4^8, 8^2\})$	62914560
16	$\mathcal{O}(2; \{2^7, 4, 8^4\})$	7864320
16	$\mathcal{O}(2; \{2^4, 4^3, 8^4\})$	31457280
16	$\mathcal{O}(2; \{2, 4^5, 8^4\})$	125829120

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{2^5, 8^6\})$	62914560
16	$\mathcal{O}(2; \{2^2, 4^2, 8^6\})$	251658240
16	$\mathcal{O}(2; \{4, 8^8\})$	2013265920
16	$\mathcal{O}(2; \{2^{10}, 8, 16^2\})$	2097152
16	$\mathcal{O}(2; \{2^7, 4^2, 8, 16^2\})$	8388608
16	$\mathcal{O}(2; \{2^4, 4^4, 8, 16^2\})$	33554432
16	$\mathcal{O}(2; \{2, 4^6, 8, 16^2\})$	134217728
16	$\mathcal{O}(2; \{2^5, 4, 8^3, 16^2\})$	67108864
16	$\mathcal{O}(2; \{2^2, 4^3, 8^3, 16^2\})$	268435456
16	$\mathcal{O}(2; \{2^3, 8^5, 16^2\})$	536870912
16	$\mathcal{O}(2; \{4^2, 8^5, 16^2\})$	2147483648
16	$\mathcal{O}(2; \{2^8, 16^4\})$	33554432
16	$\mathcal{O}(2; \{2^5, 4^2, 16^4\})$	134217728
16	$\mathcal{O}(2; \{2^2, 4^4, 16^4\})$	536870912
16	$\mathcal{O}(2; \{2^3, 4, 8^2, 16^4\})$	1073741824
16	$\mathcal{O}(2; \{4^3, 8^2, 16^4\})$	4294967296
16	$\mathcal{O}(2; \{2, 8^4, 16^4\})$	8589934592
16	$\mathcal{O}(2; \{2, 4, 8, 16^6\})$	17179869184
16	$\mathcal{O}(1; \{2^{16}, 8^2\})$	768
16	$\mathcal{O}(1; \{2^{13}, 4^2, 8^2\})$	3072
16	$\mathcal{O}(1; \{2^{10}, 4^4, 8^2\})$	12288
16	$\mathcal{O}(1; \{2^7, 4^6, 8^2\})$	49152
16	$\mathcal{O}(1; \{2^4, 4^8, 8^2\})$	196608
16	$\mathcal{O}(1; \{2, 4^{10}, 8^2\})$	786432
16	$\mathcal{O}(1; \{2^{11}, 4, 8^4\})$	24576
16	$\mathcal{O}(1; \{2^8, 4^3, 8^4\})$	98304
16	$\mathcal{O}(1; \{2^5, 4^5, 8^4\})$	393216
16	$\mathcal{O}(1; \{2^2, 4^7, 8^4\})$	1572864
16	$\mathcal{O}(1; \{2^9, 8^6\})$	196608
16	$\mathcal{O}(1; \{2^6, 4^2, 8^6\})$	786432
16	$\mathcal{O}(1; \{2^3, 4^4, 8^6\})$	3145728
16	$\mathcal{O}(1; \{4^6, 8^6\})$	12582912
16	$\mathcal{O}(1; \{2^4, 4, 8^8\})$	6291456
16	$\mathcal{O}(1; \{2, 4^3, 8^8\})$	25165824
16	$\mathcal{O}(1; \{2^2, 8^{10}\})$	50331648
16	$\mathcal{O}(1; \{2^{14}, 8, 16^2\})$	8192
16	$\mathcal{O}(1; \{2^{11}, 4^2, 8, 16^2\})$	32768
16	$\mathcal{O}(1; \{2^8, 4^4, 8, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^5, 4^6, 8, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^2, 4^8, 8, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2^9, 4, 8^3, 16^2\})$	262144
16	$\mathcal{O}(1; \{2^6, 4^3, 8^3, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2^3, 4^5, 8^3, 16^2\})$	4194304

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{4^7, 8^3, 16^2\})$	16777216
16	$\mathcal{O}(1; \{2^7, 8^5, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2^4, 4^2, 8^5, 16^2\})$	8388608
16	$\mathcal{O}(1; \{2, 4^4, 8^5, 16^2\})$	33554432
16	$\mathcal{O}(1; \{2^2, 4, 8^7, 16^2\})$	67108864
16	$\mathcal{O}(1; \{8^9, 16^2\})$	536870912
16	$\mathcal{O}(1; \{2^{12}, 16^4\})$	131072
16	$\mathcal{O}(1; \{2^9, 4^2, 16^4\})$	524288
16	$\mathcal{O}(1; \{2^6, 4^4, 16^4\})$	2097152
16	$\mathcal{O}(1; \{2^3, 4^6, 16^4\})$	8388608
16	$\mathcal{O}(1; \{4^8, 16^4\})$	33554432
16	$\mathcal{O}(1; \{2^7, 4, 8^2, 16^4\})$	4194304
16	$\mathcal{O}(1; \{2^4, 4^3, 8^2, 16^4\})$	16777216
16	$\mathcal{O}(1; \{2, 4^5, 8^2, 16^4\})$	67108864
16	$\mathcal{O}(1; \{2^5, 8^4, 16^4\})$	33554432
16	$\mathcal{O}(1; \{2^2, 4^2, 8^4, 16^4\})$	134217728
16	$\mathcal{O}(1; \{4, 8^6, 16^4\})$	1073741824
16	$\mathcal{O}(1; \{2^5, 4, 8, 16^6\})$	67108864
16	$\mathcal{O}(1; \{2^2, 4^3, 8, 16^6\})$	268435456
16	$\mathcal{O}(1; \{2^3, 8^3, 16^6\})$	536870912
16	$\mathcal{O}(1; \{4^2, 8^3, 16^6\})$	2147483648
16	$\mathcal{O}(1; \{2^3, 4, 16^8\})$	1073741824
16	$\mathcal{O}(1; \{4^3, 16^8\})$	4294967296
16	$\mathcal{O}(1; \{2, 8^2, 16^8\})$	8589934592
16	$\mathcal{O}(0; \{2^{18}, 8, 16^2\})$	32
16	$\mathcal{O}(0; \{2^{15}, 4^2, 8, 16^2\})$	128
16	$\mathcal{O}(0; \{2^{12}, 4^4, 8, 16^2\})$	512
16	$\mathcal{O}(0; \{2^9, 4^6, 8, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^6, 4^8, 8, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^3, 4^{10}, 8, 16^2\})$	32768
16	$\mathcal{O}(0; \{4^{12}, 8, 16^2\})$	131072
16	$\mathcal{O}(0; \{2^{13}, 4, 8^3, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^{10}, 4^3, 8^3, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^7, 4^5, 8^3, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^4, 4^7, 8^3, 16^2\})$	65536
16	$\mathcal{O}(0; \{2, 4^9, 8^3, 16^2\})$	262144
16	$\mathcal{O}(0; \{2^{11}, 8^5, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^8, 4^2, 8^5, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^5, 4^4, 8^5, 16^2\})$	131072
16	$\mathcal{O}(0; \{2^2, 4^6, 8^5, 16^2\})$	524288
16	$\mathcal{O}(0; \{2^6, 4, 8^7, 16^2\})$	262144
16	$\mathcal{O}(0; \{2^3, 4^3, 8^7, 16^2\})$	1048576
16	$\mathcal{O}(0; \{4^5, 8^7, 16^2\})$	4194304

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{2^4, 8^9, 16^2\})$	2097152
16	$\mathcal{O}(0; \{2, 4^2, 8^9, 16^2\})$	8388608
16	$\mathcal{O}(0; \{2^{16}, 16^4\})$	512
16	$\mathcal{O}(0; \{2^{13}, 4^2, 16^4\})$	2048
16	$\mathcal{O}(0; \{2^{10}, 4^4, 16^4\})$	8192
16	$\mathcal{O}(0; \{2^7, 4^6, 16^4\})$	32768
16	$\mathcal{O}(0; \{2^4, 4^8, 16^4\})$	131072
16	$\mathcal{O}(0; \{2, 4^{10}, 16^4\})$	524288
16	$\mathcal{O}(0; \{2^{11}, 4, 8^2, 16^4\})$	16384
16	$\mathcal{O}(0; \{2^8, 4^3, 8^2, 16^4\})$	65536
16	$\mathcal{O}(0; \{2^5, 4^5, 8^2, 16^4\})$	262144
16	$\mathcal{O}(0; \{2^2, 4^7, 8^2, 16^4\})$	1048576
16	$\mathcal{O}(0; \{2^9, 8^4, 16^4\})$	131072
16	$\mathcal{O}(0; \{2^6, 4^2, 8^4, 16^4\})$	524288
16	$\mathcal{O}(0; \{2^3, 4^4, 8^4, 16^4\})$	2097152
16	$\mathcal{O}(0; \{4^6, 8^4, 16^4\})$	8388608
16	$\mathcal{O}(0; \{2^4, 4, 8^6, 16^4\})$	4194304
16	$\mathcal{O}(0; \{2, 4^3, 8^6, 16^4\})$	16777216
16	$\mathcal{O}(0; \{2^2, 8^8, 16^4\})$	33554432
16	$\mathcal{O}(0; \{2^9, 4, 8, 16^6\})$	262144
16	$\mathcal{O}(0; \{2^6, 4^3, 8, 16^6\})$	1048576
16	$\mathcal{O}(0; \{2^3, 4^5, 8, 16^6\})$	4194304
16	$\mathcal{O}(0; \{4^7, 8, 16^6\})$	16777216
16	$\mathcal{O}(0; \{2^7, 8^3, 16^6\})$	2097152
16	$\mathcal{O}(0; \{2^4, 4^2, 8^3, 16^6\})$	8388608
16	$\mathcal{O}(0; \{2, 4^4, 8^3, 16^6\})$	33554432
16	$\mathcal{O}(0; \{2^2, 4, 8^5, 16^6\})$	67108864
16	$\mathcal{O}(0; \{8^7, 16^6\})$	536870912
16	$\mathcal{O}(0; \{2^7, 4, 16^8\})$	4194304
16	$\mathcal{O}(0; \{2^4, 4^3, 16^8\})$	16777216
16	$\mathcal{O}(0; \{2, 4^5, 16^8\})$	67108864
16	$\mathcal{O}(0; \{2^5, 8^2, 16^8\})$	33554432
16	$\mathcal{O}(0; \{2^2, 4^2, 8^2, 16^8\})$	134217728
16	$\mathcal{O}(0; \{4, 8^4, 16^8\})$	1073741824
16	$\mathcal{O}(0; \{2^3, 8, 16^{10}\})$	536870912
16	$\mathcal{O}(0; \{4^2, 8, 16^{10}\})$	2147483648
16	$\mathcal{O}(0; \{2, 16^{12}\})$	8589934592
18	$\mathcal{O}(4; \{3^4\})$	65851444800
18	$\mathcal{O}(4; \{2, 3^2, 6\})$	22036561920
18	$\mathcal{O}(4; \{2^2, 6^2\})$	22036561920
18	$\mathcal{O}(4; \{9^3\})$	197584449390
18	$\mathcal{O}(4; \{6, 9, 18\})$	132239526912
18	$\mathcal{O}(3; \{2^4, 3^4\})$	203793408

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(3; \{3^7\})$	1404263952
18	$\mathcal{O}(3; \{2^5, 3^2, 6\})$	67931136
18	$\mathcal{O}(3; \{2, 3^5, 6\})$	747242496
18	$\mathcal{O}(3; \{2^6, 6^2\})$	67931136
18	$\mathcal{O}(3; \{2^2, 3^3, 6^2\})$	339655680
18	$\mathcal{O}(3; \{2^3, 3, 6^3\})$	203793408
18	$\mathcal{O}(3; \{3^2, 6^4\})$	747242496
18	$\mathcal{O}(3; \{2, 6^5\})$	339655680
18	$\mathcal{O}(3; \{2^4, 9^3\})$	612220032
18	$\mathcal{O}(3; \{3^3, 9^3\})$	4821232752
18	$\mathcal{O}(3; \{2, 3, 6, 9^3\})$	2448880128
18	$\mathcal{O}(3; \{2^3, 3^2, 9, 18\})$	816293376
18	$\mathcal{O}(3; \{2^4, 6, 9, 18\})$	408146688
18	$\mathcal{O}(3; \{3^3, 6, 9, 18\})$	3265173504
18	$\mathcal{O}(3; \{2, 3, 6^2, 9, 18\})$	1632586752
18	$\mathcal{O}(3; \{2^2, 9^2, 18^2\})$	5509980288
18	$\mathcal{O}(3; \{2, 3^2, 18^3\})$	2448880128
18	$\mathcal{O}(3; \{2^2, 6, 18^3\})$	1224440064
18	$\mathcal{O}(3; \{9, 18^4\})$	27549901440
18	$\mathcal{O}(2; \{2^8, 3^4\})$	622080
18	$\mathcal{O}(2; \{2^4, 3^7\})$	4354560
18	$\mathcal{O}(2; \{3^{10}\})$	33242400
18	$\mathcal{O}(2; \{2^9, 3^2, 6\})$	207360
18	$\mathcal{O}(2; \{2^5, 3^5, 6\})$	2280960
18	$\mathcal{O}(2; \{2, 3^8, 6\})$	17625600
18	$\mathcal{O}(2; \{2^{10}, 6^2\})$	207360
18	$\mathcal{O}(2; \{2^6, 3^3, 6^2\})$	1036800
18	$\mathcal{O}(2; \{2^2, 3^6, 6^2\})$	8916480
18	$\mathcal{O}(2; \{2^7, 3, 6^3\})$	622080
18	$\mathcal{O}(2; \{2^3, 3^4, 6^3\})$	4354560
18	$\mathcal{O}(2; \{2^4, 3^2, 6^4\})$	2280960
18	$\mathcal{O}(2; \{3^5, 6^4\})$	17625600
18	$\mathcal{O}(2; \{2^5, 6^5\})$	1036800
18	$\mathcal{O}(2; \{2, 3^3, 6^5\})$	8916480
18	$\mathcal{O}(2; \{2^2, 3, 6^6\})$	4354560
18	$\mathcal{O}(2; \{6^8\})$	8916480
18	$\mathcal{O}(2; \{2^8, 9^3\})$	1889568
18	$\mathcal{O}(2; \{2^4, 3^3, 9^3\})$	15116544
18	$\mathcal{O}(2; \{3^6, 9^3\})$	113374080
18	$\mathcal{O}(2; \{2^5, 3, 6, 9^3\})$	7558272
18	$\mathcal{O}(2; \{2, 3^4, 6, 9^3\})$	60466176
18	$\mathcal{O}(2; \{2^2, 3^2, 6^2, 9^3\})$	30233088
18	$\mathcal{O}(2; \{2^3, 6^3, 9^3\})$	15116544

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{3, 6^4, 9^3\})$	60466176
18	$\mathcal{O}(2; \{3^2, 9^6\})$	2104506360
18	$\mathcal{O}(2; \{2, 6, 9^6\})$	1122403392
18	$\mathcal{O}(2; \{2^7, 3^2, 9, 18\})$	2519424
18	$\mathcal{O}(2; \{2^3, 3^5, 9, 18\})$	20155392
18	$\mathcal{O}(2; \{2^8, 6, 9, 18\})$	1259712
18	$\mathcal{O}(2; \{2^4, 3^3, 6, 9, 18\})$	10077696
18	$\mathcal{O}(2; \{3^6, 6, 9, 18\})$	80621568
18	$\mathcal{O}(2; \{2^5, 3, 6^2, 9, 18\})$	5038848
18	$\mathcal{O}(2; \{2, 3^4, 6^2, 9, 18\})$	40310784
18	$\mathcal{O}(2; \{2^2, 3^2, 6^3, 9, 18\})$	20155392
18	$\mathcal{O}(2; \{2^3, 6^4, 9, 18\})$	10077696
18	$\mathcal{O}(2; \{3, 6^5, 9, 18\})$	40310784
18	$\mathcal{O}(2; \{2^3, 3, 9^4, 18\})$	170061120
18	$\mathcal{O}(2; \{3^2, 6, 9^4, 18\})$	680244480
18	$\mathcal{O}(2; \{2, 6^2, 9^4, 18\})$	340122240
18	$\mathcal{O}(2; \{2^6, 9^2, 18^2\})$	17006112
18	$\mathcal{O}(2; \{2^2, 3^3, 9^2, 18^2\})$	136048896
18	$\mathcal{O}(2; \{2^3, 3, 6, 9^2, 18^2\})$	68024448
18	$\mathcal{O}(2; \{3^2, 6^2, 9^2, 18^2\})$	272097792
18	$\mathcal{O}(2; \{2, 6^3, 9^2, 18^2\})$	136048896
18	$\mathcal{O}(2; \{2^5, 3^2, 18^3\})$	7558272
18	$\mathcal{O}(2; \{2, 3^5, 18^3\})$	60466176
18	$\mathcal{O}(2; \{2^6, 6, 18^3\})$	3779136
18	$\mathcal{O}(2; \{2^2, 3^3, 6, 18^3\})$	30233088
18	$\mathcal{O}(2; \{2^3, 3, 6^2, 18^3\})$	15116544
18	$\mathcal{O}(2; \{3^2, 6^3, 18^3\})$	60466176
18	$\mathcal{O}(2; \{2, 6^4, 18^3\})$	30233088
18	$\mathcal{O}(2; \{2, 3, 9^3, 18^3\})$	1122403392
18	$\mathcal{O}(2; \{2^4, 9, 18^4\})$	85030560
18	$\mathcal{O}(2; \{3^3, 9, 18^4\})$	680244480
18	$\mathcal{O}(2; \{2, 3, 6, 9, 18^4\})$	340122240
18	$\mathcal{O}(2; \{2^2, 18^6\})$	561201696
18	$\mathcal{O}(1; \{2^{12}, 3^4\})$	1728
18	$\mathcal{O}(1; \{2^8, 3^7\})$	12096
18	$\mathcal{O}(1; \{2^4, 3^{10}\})$	98496
18	$\mathcal{O}(1; \{3^{13}\})$	589680
18	$\mathcal{O}(1; \{2^{13}, 3^2, 6\})$	576
18	$\mathcal{O}(1; \{2^9, 3^5, 6\})$	6336
18	$\mathcal{O}(1; \{2^5, 3^8, 6\})$	48960
18	$\mathcal{O}(1; \{2, 3^{11}, 6\})$	393408
18	$\mathcal{O}(1; \{2^{14}, 6^2\})$	576
18	$\mathcal{O}(1; \{2^{10}, 3^3, 6^2\})$	2880

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^6, 3^6, 6^2\})$	24768
18	$\mathcal{O}(1; \{2^2, 3^9, 6^2\})$	196416
18	$\mathcal{O}(1; \{2^{11}, 3, 6^3\})$	1728
18	$\mathcal{O}(1; \{2^7, 3^4, 6^3\})$	12096
18	$\mathcal{O}(1; \{2^3, 3^7, 6^3\})$	98496
18	$\mathcal{O}(1; \{2^8, 3^2, 6^4\})$	6336
18	$\mathcal{O}(1; \{2^4, 3^5, 6^4\})$	48960
18	$\mathcal{O}(1; \{3^8, 6^4\})$	393408
18	$\mathcal{O}(1; \{2^9, 6^5\})$	2880
18	$\mathcal{O}(1; \{2^5, 3^3, 6^5\})$	24768
18	$\mathcal{O}(1; \{2, 3^6, 6^5\})$	196416
18	$\mathcal{O}(1; \{2^6, 3, 6^6\})$	12096
18	$\mathcal{O}(1; \{2^2, 3^4, 6^6\})$	98496
18	$\mathcal{O}(1; \{2^3, 3^2, 6^7\})$	48960
18	$\mathcal{O}(1; \{2^4, 6^8\})$	24768
18	$\mathcal{O}(1; \{3^3, 6^8\})$	196416
18	$\mathcal{O}(1; \{2, 3, 6^9\})$	98496
18	$\mathcal{O}(1; \{2^{12}, 9^3\})$	5832
18	$\mathcal{O}(1; \{2^8, 3^3, 9^3\})$	46656
18	$\mathcal{O}(1; \{2^4, 3^6, 9^3\})$	373248
18	$\mathcal{O}(1; \{3^9, 9^3\})$	2239488
18	$\mathcal{O}(1; \{2^9, 3, 6, 9^3\})$	23328
18	$\mathcal{O}(1; \{2^5, 3^4, 6, 9^3\})$	186624
18	$\mathcal{O}(1; \{2, 3^7, 6, 9^3\})$	1492992
18	$\mathcal{O}(1; \{2^6, 3^2, 6^2, 9^3\})$	93312
18	$\mathcal{O}(1; \{2^2, 3^5, 6^2, 9^3\})$	746496
18	$\mathcal{O}(1; \{2^7, 6^3, 9^3\})$	46656
18	$\mathcal{O}(1; \{2^3, 3^3, 6^3, 9^3\})$	373248
18	$\mathcal{O}(1; \{2^4, 3, 6^4, 9^3\})$	186624
18	$\mathcal{O}(1; \{3^4, 6^4, 9^3\})$	1492992
18	$\mathcal{O}(1; \{2, 3^2, 6^5, 9^3\})$	746496
18	$\mathcal{O}(1; \{2^2, 6^6, 9^3\})$	373248
18	$\mathcal{O}(1; \{2^4, 3^2, 9^6\})$	6928416
18	$\mathcal{O}(1; \{3^5, 9^6\})$	41570496
18	$\mathcal{O}(1; \{2^5, 6, 9^6\})$	3464208
18	$\mathcal{O}(1; \{2, 3^3, 6, 9^6\})$	27713664
18	$\mathcal{O}(1; \{2^2, 3, 6^2, 9^6\})$	13856832
18	$\mathcal{O}(1; \{6^4, 9^6\})$	27713664
18	$\mathcal{O}(1; \{3, 9^9\})$	542069820
18	$\mathcal{O}(1; \{2^{11}, 3^2, 9, 18\})$	7776
18	$\mathcal{O}(1; \{2^7, 3^5, 9, 18\})$	62208
18	$\mathcal{O}(1; \{2^3, 3^8, 9, 18\})$	497664
18	$\mathcal{O}(1; \{2^{12}, 6, 9, 18\})$	3888

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^8, 3^3, 6, 9, 18\})$	31104
18	$\mathcal{O}(1; \{2^4, 3^6, 6, 9, 18\})$	248832
18	$\mathcal{O}(1; \{3^9, 6, 9, 18\})$	1990656
18	$\mathcal{O}(1; \{2^9, 3, 6^2, 9, 18\})$	15552
18	$\mathcal{O}(1; \{2^5, 3^4, 6^2, 9, 18\})$	124416
18	$\mathcal{O}(1; \{2, 3^7, 6^2, 9, 18\})$	995328
18	$\mathcal{O}(1; \{2^6, 3^2, 6^3, 9, 18\})$	62208
18	$\mathcal{O}(1; \{2^2, 3^5, 6^3, 9, 18\})$	497664
18	$\mathcal{O}(1; \{2^7, 6^4, 9, 18\})$	31104
18	$\mathcal{O}(1; \{2^3, 3^3, 6^4, 9, 18\})$	248832
18	$\mathcal{O}(1; \{2^4, 3, 6^5, 9, 18\})$	124416
18	$\mathcal{O}(1; \{3^4, 6^5, 9, 18\})$	995328
18	$\mathcal{O}(1; \{2, 3^2, 6^6, 9, 18\})$	497664
18	$\mathcal{O}(1; \{2^2, 6^7, 9, 18\})$	248832
18	$\mathcal{O}(1; \{2^7, 3, 9^4, 18\})$	524880
18	$\mathcal{O}(1; \{2^3, 3^4, 9^4, 18\})$	4199040
18	$\mathcal{O}(1; \{2^4, 3^2, 6, 9^4, 18\})$	2099520
18	$\mathcal{O}(1; \{3^5, 6, 9^4, 18\})$	16796160
18	$\mathcal{O}(1; \{2^5, 6^2, 9^4, 18\})$	1049760
18	$\mathcal{O}(1; \{2, 3^3, 6^2, 9^4, 18\})$	8398080
18	$\mathcal{O}(1; \{2^2, 3, 6^3, 9^4, 18\})$	4199040
18	$\mathcal{O}(1; \{6^5, 9^4, 18\})$	8398080
18	$\mathcal{O}(1; \{2^3, 9^7, 18\})$	60938568
18	$\mathcal{O}(1; \{3, 6, 9^7, 18\})$	243754272
18	$\mathcal{O}(1; \{2^{10}, 9^2, 18^2\})$	52488
18	$\mathcal{O}(1; \{2^6, 3^3, 9^2, 18^2\})$	419904
18	$\mathcal{O}(1; \{2^2, 3^6, 9^2, 18^2\})$	3359232
18	$\mathcal{O}(1; \{2^7, 3, 6, 9^2, 18^2\})$	209952
18	$\mathcal{O}(1; \{2^3, 3^4, 6, 9^2, 18^2\})$	1679616
18	$\mathcal{O}(1; \{2^4, 3^2, 6^2, 9^2, 18^2\})$	839808
18	$\mathcal{O}(1; \{3^5, 6^2, 9^2, 18^2\})$	6718464
18	$\mathcal{O}(1; \{2^5, 6^3, 9^2, 18^2\})$	419904
18	$\mathcal{O}(1; \{2, 3^3, 6^3, 9^2, 18^2\})$	3359232
18	$\mathcal{O}(1; \{2^2, 3, 6^4, 9^2, 18^2\})$	1679616
18	$\mathcal{O}(1; \{6^6, 9^2, 18^2\})$	3359232
18	$\mathcal{O}(1; \{2^2, 3^2, 9^5, 18^2\})$	39680928
18	$\mathcal{O}(1; \{2^3, 6, 9^5, 18^2\})$	19840464
18	$\mathcal{O}(1; \{3, 6^2, 9^5, 18^2\})$	79361856
18	$\mathcal{O}(1; \{2^9, 3^2, 18^3\})$	23328
18	$\mathcal{O}(1; \{2^5, 3^5, 18^3\})$	186624
18	$\mathcal{O}(1; \{2, 3^8, 18^3\})$	1492992
18	$\mathcal{O}(1; \{2^{10}, 6, 18^3\})$	11664
18	$\mathcal{O}(1; \{2^6, 3^3, 6, 18^3\})$	93312

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^2, 3^6, 6, 18^3\})$	746496
18	$\mathcal{O}(1; \{2^7, 3, 6^2, 18^3\})$	46656
18	$\mathcal{O}(1; \{2^3, 3^4, 6^2, 18^3\})$	373248
18	$\mathcal{O}(1; \{2^4, 3^2, 6^3, 18^3\})$	186624
18	$\mathcal{O}(1; \{3^5, 6^3, 18^3\})$	1492992
18	$\mathcal{O}(1; \{2^5, 6^4, 18^3\})$	93312
18	$\mathcal{O}(1; \{2, 3^3, 6^4, 18^3\})$	746496
18	$\mathcal{O}(1; \{2^2, 3, 6^5, 18^3\})$	373248
18	$\mathcal{O}(1; \{6^7, 18^3\})$	746496
18	$\mathcal{O}(1; \{2^5, 3, 9^3, 18^3\})$	3464208
18	$\mathcal{O}(1; \{2, 3^4, 9^3, 18^3\})$	27713664
18	$\mathcal{O}(1; \{2^2, 3^2, 6, 9^3, 18^3\})$	13856832
18	$\mathcal{O}(1; \{2^3, 6^2, 9^3, 18^3\})$	6928416
18	$\mathcal{O}(1; \{3, 6^3, 9^3, 18^3\})$	27713664
18	$\mathcal{O}(1; \{2, 9^6, 18^3\})$	361379880
18	$\mathcal{O}(1; \{2^8, 9, 18^4\})$	262440
18	$\mathcal{O}(1; \{2^4, 3^3, 9, 18^4\})$	2099520
18	$\mathcal{O}(1; \{3^6, 9, 18^4\})$	16796160
18	$\mathcal{O}(1; \{2^5, 3, 6, 9, 18^4\})$	1049760
18	$\mathcal{O}(1; \{2, 3^4, 6, 9, 18^4\})$	8398080
18	$\mathcal{O}(1; \{2^2, 3^2, 6^2, 9, 18^4\})$	4199040
18	$\mathcal{O}(1; \{2^3, 6^3, 9, 18^4\})$	2099520
18	$\mathcal{O}(1; \{3, 6^4, 9, 18^4\})$	8398080
18	$\mathcal{O}(1; \{3^2, 9^4, 18^4\})$	243754272
18	$\mathcal{O}(1; \{2, 6, 9^4, 18^4\})$	121877136
18	$\mathcal{O}(1; \{2^3, 3, 9^2, 18^5\})$	19840464
18	$\mathcal{O}(1; \{3^2, 6, 9^2, 18^5\})$	79361856
18	$\mathcal{O}(1; \{2, 6^2, 9^2, 18^5\})$	39680928
18	$\mathcal{O}(1; \{2^6, 18^6\})$	1732104
18	$\mathcal{O}(1; \{2^2, 3^3, 18^6\})$	13856832
18	$\mathcal{O}(1; \{2^3, 3, 6, 18^6\})$	6928416
18	$\mathcal{O}(1; \{3^2, 6^2, 18^6\})$	27713664
18	$\mathcal{O}(1; \{2, 6^3, 18^6\})$	13856832
18	$\mathcal{O}(1; \{2, 3, 9, 18^7\})$	121877136
18	$\mathcal{O}(0; \{2^{16}, 9^3\})$	18
18	$\mathcal{O}(0; \{2^{12}, 3^3, 9^3\})$	144
18	$\mathcal{O}(0; \{2^8, 3^6, 9^3\})$	1152
18	$\mathcal{O}(0; \{2^4, 3^9, 9^3\})$	9216
18	$\mathcal{O}(0; \{2^{13}, 3, 6, 9^3\})$	72
18	$\mathcal{O}(0; \{2^9, 3^4, 6, 9^3\})$	576
18	$\mathcal{O}(0; \{2^5, 3^7, 6, 9^3\})$	4608
18	$\mathcal{O}(0; \{2, 3^{10}, 6, 9^3\})$	36864
18	$\mathcal{O}(0; \{2^{10}, 3^2, 6^2, 9^3\})$	288

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^6, 3^5, 6^2, 9^3\})$	2304
18	$\mathcal{O}(0; \{2^2, 3^8, 6^2, 9^3\})$	18432
18	$\mathcal{O}(0; \{2^{11}, 6^3, 9^3\})$	144
18	$\mathcal{O}(0; \{2^7, 3^3, 6^3, 9^3\})$	1152
18	$\mathcal{O}(0; \{2^3, 3^6, 6^3, 9^3\})$	9216
18	$\mathcal{O}(0; \{2^8, 3, 6^4, 9^3\})$	576
18	$\mathcal{O}(0; \{2^4, 3^4, 6^4, 9^3\})$	4608
18	$\mathcal{O}(0; \{3^7, 6^4, 9^3\})$	36864
18	$\mathcal{O}(0; \{2^5, 3^2, 6^5, 9^3\})$	2304
18	$\mathcal{O}(0; \{2, 3^5, 6^5, 9^3\})$	18432
18	$\mathcal{O}(0; \{2^6, 6^6, 9^3\})$	1152
18	$\mathcal{O}(0; \{2^2, 3^3, 6^6, 9^3\})$	9216
18	$\mathcal{O}(0; \{2^3, 3, 6^7, 9^3\})$	4608
18	$\mathcal{O}(0; \{3^2, 6^8, 9^3\})$	18432
18	$\mathcal{O}(0; \{2, 6^9, 9^3\})$	9216
18	$\mathcal{O}(0; \{2^8, 3^2, 9^6\})$	21384
18	$\mathcal{O}(0; \{2^4, 3^5, 9^6\})$	171072
18	$\mathcal{O}(0; \{2^9, 6, 9^6\})$	10692
18	$\mathcal{O}(0; \{2^5, 3^3, 6, 9^6\})$	85536
18	$\mathcal{O}(0; \{2, 3^6, 6, 9^6\})$	684288
18	$\mathcal{O}(0; \{2^6, 3, 6^2, 9^6\})$	42768
18	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 9^6\})$	342144
18	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 9^6\})$	171072
18	$\mathcal{O}(0; \{2^4, 6^4, 9^6\})$	85536
18	$\mathcal{O}(0; \{3^3, 6^4, 9^6\})$	684288
18	$\mathcal{O}(0; \{2, 3, 6^5, 9^6\})$	342144
18	$\mathcal{O}(0; \{2^4, 3, 9^9\})$	2230740
18	$\mathcal{O}(0; \{2, 3^2, 6, 9^9\})$	8922960
18	$\mathcal{O}(0; \{2^2, 6^2, 9^9\})$	4461480
18	$\mathcal{O}(0; \{2^{15}, 3^2, 9, 18\})$	24
18	$\mathcal{O}(0; \{2^{11}, 3^5, 9, 18\})$	192
18	$\mathcal{O}(0; \{2^7, 3^8, 9, 18\})$	1536
18	$\mathcal{O}(0; \{2^3, 3^{11}, 9, 18\})$	12288
18	$\mathcal{O}(0; \{2^{16}, 6, 9, 18\})$	12
18	$\mathcal{O}(0; \{2^{12}, 3^3, 6, 9, 18\})$	96
18	$\mathcal{O}(0; \{2^8, 3^6, 6, 9, 18\})$	768
18	$\mathcal{O}(0; \{2^4, 3^9, 6, 9, 18\})$	6144
18	$\mathcal{O}(0; \{3^{12}, 6, 9, 18\})$	49152
18	$\mathcal{O}(0; \{2^{13}, 3, 6^2, 9, 18\})$	48
18	$\mathcal{O}(0; \{2^9, 3^4, 6^2, 9, 18\})$	384
18	$\mathcal{O}(0; \{2^5, 3^7, 6^2, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2, 3^{10}, 6^2, 9, 18\})$	24576
18	$\mathcal{O}(0; \{2^{10}, 3^2, 6^3, 9, 18\})$	192

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^6, 3^5, 6^3, 9, 18\})$	1536
18	$\mathcal{O}(0; \{2^2, 3^8, 6^3, 9, 18\})$	12288
18	$\mathcal{O}(0; \{2^{11}, 6^4, 9, 18\})$	96
18	$\mathcal{O}(0; \{2^7, 3^3, 6^4, 9, 18\})$	768
18	$\mathcal{O}(0; \{2^3, 3^6, 6^4, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^8, 3, 6^5, 9, 18\})$	384
18	$\mathcal{O}(0; \{2^4, 3^4, 6^5, 9, 18\})$	3072
18	$\mathcal{O}(0; \{3^7, 6^5, 9, 18\})$	24576
18	$\mathcal{O}(0; \{2^5, 3^2, 6^6, 9, 18\})$	1536
18	$\mathcal{O}(0; \{2, 3^5, 6^6, 9, 18\})$	12288
18	$\mathcal{O}(0; \{2^6, 6^7, 9, 18\})$	768
18	$\mathcal{O}(0; \{2^2, 3^3, 6^7, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^3, 3, 6^8, 9, 18\})$	3072
18	$\mathcal{O}(0; \{3^2, 6^9, 9, 18\})$	12288
18	$\mathcal{O}(0; \{2, 6^{10}, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^{11}, 3, 9^4, 18\})$	1620
18	$\mathcal{O}(0; \{2^7, 3^4, 9^4, 18\})$	12960
18	$\mathcal{O}(0; \{2^3, 3^7, 9^4, 18\})$	103680
18	$\mathcal{O}(0; \{2^8, 3^2, 6, 9^4, 18\})$	6480
18	$\mathcal{O}(0; \{2^4, 3^5, 6, 9^4, 18\})$	51840
18	$\mathcal{O}(0; \{3^8, 6, 9^4, 18\})$	414720
18	$\mathcal{O}(0; \{2^9, 6^2, 9^4, 18\})$	3240
18	$\mathcal{O}(0; \{2^5, 3^3, 6^2, 9^4, 18\})$	25920
18	$\mathcal{O}(0; \{2, 3^6, 6^2, 9^4, 18\})$	207360
18	$\mathcal{O}(0; \{2^6, 3, 6^3, 9^4, 18\})$	12960
18	$\mathcal{O}(0; \{2^2, 3^4, 6^3, 9^4, 18\})$	103680
18	$\mathcal{O}(0; \{2^3, 3^2, 6^4, 9^4, 18\})$	51840
18	$\mathcal{O}(0; \{2^4, 6^5, 9^4, 18\})$	25920
18	$\mathcal{O}(0; \{3^3, 6^5, 9^4, 18\})$	207360
18	$\mathcal{O}(0; \{2, 3, 6^6, 9^4, 18\})$	103680
18	$\mathcal{O}(0; \{2^7, 9^7, 18\})$	188082
18	$\mathcal{O}(0; \{2^3, 3^3, 9^7, 18\})$	1504656
18	$\mathcal{O}(0; \{2^4, 3, 6, 9^7, 18\})$	752328
18	$\mathcal{O}(0; \{3^4, 6, 9^7, 18\})$	6018624
18	$\mathcal{O}(0; \{2, 3^2, 6^2, 9^7, 18\})$	3009312
18	$\mathcal{O}(0; \{2^2, 6^3, 9^7, 18\})$	1504656
18	$\mathcal{O}(0; \{6, 9^{10}, 18\})$	80542836
18	$\mathcal{O}(0; \{2^{14}, 9^2, 18^2\})$	162
18	$\mathcal{O}(0; \{2^{10}, 3^3, 9^2, 18^2\})$	1296
18	$\mathcal{O}(0; \{2^6, 3^6, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{2^2, 3^9, 9^2, 18^2\})$	82944
18	$\mathcal{O}(0; \{2^{11}, 3, 6, 9^2, 18^2\})$	648
18	$\mathcal{O}(0; \{2^7, 3^4, 6, 9^2, 18^2\})$	5184

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^3, 3^7, 6, 9^2, 18^2\})$	41472
18	$\mathcal{O}(0; \{2^8, 3^2, 6^2, 9^2, 18^2\})$	2592
18	$\mathcal{O}(0; \{2^4, 3^5, 6^2, 9^2, 18^2\})$	20736
18	$\mathcal{O}(0; \{3^8, 6^2, 9^2, 18^2\})$	165888
18	$\mathcal{O}(0; \{2^9, 6^3, 9^2, 18^2\})$	1296
18	$\mathcal{O}(0; \{2^5, 3^3, 6^3, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{2, 3^6, 6^3, 9^2, 18^2\})$	82944
18	$\mathcal{O}(0; \{2^6, 3, 6^4, 9^2, 18^2\})$	5184
18	$\mathcal{O}(0; \{2^2, 3^4, 6^4, 9^2, 18^2\})$	41472
18	$\mathcal{O}(0; \{2^3, 3^2, 6^5, 9^2, 18^2\})$	20736
18	$\mathcal{O}(0; \{2^4, 6^6, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{3^3, 6^6, 9^2, 18^2\})$	82944
18	$\mathcal{O}(0; \{2, 3, 6^7, 9^2, 18^2\})$	41472
18	$\mathcal{O}(0; \{2^6, 3^2, 9^5, 18^2\})$	122472
18	$\mathcal{O}(0; \{2^2, 3^5, 9^5, 18^2\})$	979776
18	$\mathcal{O}(0; \{2^7, 6, 9^5, 18^2\})$	61236
18	$\mathcal{O}(0; \{2^3, 3^3, 6, 9^5, 18^2\})$	489888
18	$\mathcal{O}(0; \{2^4, 3, 6^2, 9^5, 18^2\})$	244944
18	$\mathcal{O}(0; \{3^4, 6^2, 9^5, 18^2\})$	1959552
18	$\mathcal{O}(0; \{2, 3^2, 6^3, 9^5, 18^2\})$	979776
18	$\mathcal{O}(0; \{2^2, 6^4, 9^5, 18^2\})$	489888
18	$\mathcal{O}(0; \{2^2, 3, 9^8, 18^2\})$	13463172
18	$\mathcal{O}(0; \{6^2, 9^8, 18^2\})$	26926344
18	$\mathcal{O}(0; \{2^{13}, 3^2, 18^3\})$	72
18	$\mathcal{O}(0; \{2^9, 3^5, 18^3\})$	576
18	$\mathcal{O}(0; \{2^5, 3^8, 18^3\})$	4608
18	$\mathcal{O}(0; \{2, 3^{11}, 18^3\})$	36864
18	$\mathcal{O}(0; \{2^{14}, 6, 18^3\})$	36
18	$\mathcal{O}(0; \{2^{10}, 3^3, 6, 18^3\})$	288
18	$\mathcal{O}(0; \{2^6, 3^6, 6, 18^3\})$	2304
18	$\mathcal{O}(0; \{2^2, 3^9, 6, 18^3\})$	18432
18	$\mathcal{O}(0; \{2^{11}, 3, 6^2, 18^3\})$	144
18	$\mathcal{O}(0; \{2^7, 3^4, 6^2, 18^3\})$	1152
18	$\mathcal{O}(0; \{2^3, 3^7, 6^2, 18^3\})$	9216
18	$\mathcal{O}(0; \{2^8, 3^2, 6^3, 18^3\})$	576
18	$\mathcal{O}(0; \{2^4, 3^5, 6^3, 18^3\})$	4608
18	$\mathcal{O}(0; \{3^8, 6^3, 18^3\})$	36864
18	$\mathcal{O}(0; \{2^9, 6^4, 18^3\})$	288
18	$\mathcal{O}(0; \{2^5, 3^3, 6^4, 18^3\})$	2304
18	$\mathcal{O}(0; \{2, 3^6, 6^4, 18^3\})$	18432
18	$\mathcal{O}(0; \{2^6, 3, 6^5, 18^3\})$	1152
18	$\mathcal{O}(0; \{2^2, 3^4, 6^5, 18^3\})$	9216
18	$\mathcal{O}(0; \{2^3, 3^2, 6^6, 18^3\})$	4608

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^4, 6^7, 18^3\})$	2304
18	$\mathcal{O}(0; \{3^3, 6^7, 18^3\})$	18432
18	$\mathcal{O}(0; \{2, 3, 6^8, 18^3\})$	9216
18	$\mathcal{O}(0; \{2^9, 3, 9^3, 18^3\})$	10692
18	$\mathcal{O}(0; \{2^5, 3^4, 9^3, 18^3\})$	85536
18	$\mathcal{O}(0; \{2, 3^7, 9^3, 18^3\})$	684288
18	$\mathcal{O}(0; \{2^6, 3^2, 6, 9^3, 18^3\})$	42768
18	$\mathcal{O}(0; \{2^2, 3^5, 6, 9^3, 18^3\})$	342144
18	$\mathcal{O}(0; \{2^7, 6^2, 9^3, 18^3\})$	21384
18	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 9^3, 18^3\})$	171072
18	$\mathcal{O}(0; \{2^4, 3, 6^3, 9^3, 18^3\})$	85536
18	$\mathcal{O}(0; \{3^4, 6^3, 9^3, 18^3\})$	684288
18	$\mathcal{O}(0; \{2, 3^2, 6^4, 9^3, 18^3\})$	342144
18	$\mathcal{O}(0; \{2^2, 6^5, 9^3, 18^3\})$	171072
18	$\mathcal{O}(0; \{2^5, 9^6, 18^3\})$	1115370
18	$\mathcal{O}(0; \{2, 3^3, 9^6, 18^3\})$	8922960
18	$\mathcal{O}(0; \{2^2, 3, 6, 9^6, 18^3\})$	4461480
18	$\mathcal{O}(0; \{6^3, 9^6, 18^3\})$	8922960
18	$\mathcal{O}(0; \{2^{12}, 9, 18^4\})$	810
18	$\mathcal{O}(0; \{2^8, 3^3, 9, 18^4\})$	6480
18	$\mathcal{O}(0; \{2^4, 3^6, 9, 18^4\})$	51840
18	$\mathcal{O}(0; \{3^9, 9, 18^4\})$	414720
18	$\mathcal{O}(0; \{2^9, 3, 6, 9, 18^4\})$	3240
18	$\mathcal{O}(0; \{2^5, 3^4, 6, 9, 18^4\})$	25920
18	$\mathcal{O}(0; \{2, 3^7, 6, 9, 18^4\})$	207360
18	$\mathcal{O}(0; \{2^6, 3^2, 6^2, 9, 18^4\})$	12960
18	$\mathcal{O}(0; \{2^2, 3^5, 6^2, 9, 18^4\})$	103680
18	$\mathcal{O}(0; \{2^7, 6^3, 9, 18^4\})$	6480
18	$\mathcal{O}(0; \{2^3, 3^3, 6^3, 9, 18^4\})$	51840
18	$\mathcal{O}(0; \{2^4, 3, 6^4, 9, 18^4\})$	25920
18	$\mathcal{O}(0; \{3^4, 6^4, 9, 18^4\})$	207360
18	$\mathcal{O}(0; \{2, 3^2, 6^5, 9, 18^4\})$	103680
18	$\mathcal{O}(0; \{2^2, 6^6, 9, 18^4\})$	51840
18	$\mathcal{O}(0; \{2^4, 3^2, 9^4, 18^4\})$	752328
18	$\mathcal{O}(0; \{3^5, 9^4, 18^4\})$	6018624
18	$\mathcal{O}(0; \{2^5, 6, 9^4, 18^4\})$	376164
18	$\mathcal{O}(0; \{2, 3^3, 6, 9^4, 18^4\})$	3009312
18	$\mathcal{O}(0; \{2^2, 3, 6^2, 9^4, 18^4\})$	1504656
18	$\mathcal{O}(0; \{6^4, 9^4, 18^4\})$	3009312
18	$\mathcal{O}(0; \{3, 9^7, 18^4\})$	80542836
18	$\mathcal{O}(0; \{2^7, 3, 9^2, 18^5\})$	61236
18	$\mathcal{O}(0; \{2^3, 3^4, 9^2, 18^5\})$	489888
18	$\mathcal{O}(0; \{2^4, 3^2, 6, 9^2, 18^5\})$	244944

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{3^5, 6, 9^2, 18^5\})$	1959552
18	$\mathcal{O}(0; \{2^5, 6^2, 9^2, 18^5\})$	122472
18	$\mathcal{O}(0; \{2, 3^3, 6^2, 9^2, 18^5\})$	979776
18	$\mathcal{O}(0; \{2^2, 3, 6^3, 9^2, 18^5\})$	489888
18	$\mathcal{O}(0; \{6^5, 9^2, 18^5\})$	979776
18	$\mathcal{O}(0; \{2^3, 9^5, 18^5\})$	6731586
18	$\mathcal{O}(0; \{3, 6, 9^5, 18^5\})$	26926344
18	$\mathcal{O}(0; \{2^{10}, 18^6\})$	5346
18	$\mathcal{O}(0; \{2^6, 3^3, 18^6\})$	42768
18	$\mathcal{O}(0; \{2^2, 3^6, 18^6\})$	342144
18	$\mathcal{O}(0; \{2^7, 3, 6, 18^6\})$	21384
18	$\mathcal{O}(0; \{2^3, 3^4, 6, 18^6\})$	171072
18	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 18^6\})$	85536
18	$\mathcal{O}(0; \{3^5, 6^2, 18^6\})$	684288
18	$\mathcal{O}(0; \{2^5, 6^3, 18^6\})$	42768
18	$\mathcal{O}(0; \{2, 3^3, 6^3, 18^6\})$	342144
18	$\mathcal{O}(0; \{2^2, 3, 6^4, 18^6\})$	171072
18	$\mathcal{O}(0; \{6^6, 18^6\})$	342144
18	$\mathcal{O}(0; \{2^2, 3^2, 9^3, 18^6\})$	4461480
18	$\mathcal{O}(0; \{2^3, 6, 9^3, 18^6\})$	2230740
18	$\mathcal{O}(0; \{3, 6^2, 9^3, 18^6\})$	8922960
18	$\mathcal{O}(0; \{2^5, 3, 9, 18^7\})$	376164
18	$\mathcal{O}(0; \{2, 3^4, 9, 18^7\})$	3009312
18	$\mathcal{O}(0; \{2^2, 3^2, 6, 9, 18^7\})$	1504656
18	$\mathcal{O}(0; \{2^3, 6^2, 9, 18^7\})$	752328
18	$\mathcal{O}(0; \{3, 6^3, 9, 18^7\})$	3009312
18	$\mathcal{O}(0; \{2, 9^4, 18^7\})$	40271418
18	$\mathcal{O}(0; \{3^2, 9^2, 18^8\})$	26926344
18	$\mathcal{O}(0; \{2, 6, 9^2, 18^8\})$	13463172
18	$\mathcal{O}(0; \{2^3, 3, 18^9\})$	2230740
18	$\mathcal{O}(0; \{3^2, 6, 18^9\})$	8922960
18	$\mathcal{O}(0; \{2, 6^2, 18^9\})$	4461480
20	$\mathcal{O}(4; \{10^2\})$	102000000000
20	$\mathcal{O}(3; \{2, 5^3, 10\})$	3276000000
20	$\mathcal{O}(3; \{2^4, 10^2\})$	252000000
20	$\mathcal{O}(3; \{2, 4^2, 10^2\})$	512000000
20	$\mathcal{O}(3; \{2, 4, 5^2, 20\})$	1536000000
20	$\mathcal{O}(3; \{2^2, 10, 20^2\})$	1536000000
20	$\mathcal{O}(3; \{20^4\})$	26624000000
20	$\mathcal{O}(2; \{2^2, 5^6\})$	123000000
20	$\mathcal{O}(2; \{2^5, 5^3, 10\})$	7800000
20	$\mathcal{O}(2; \{2^2, 4^2, 5^3, 10\})$	16640000
20	$\mathcal{O}(2; \{2^8, 10^2\})$	600000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{2^5, 4^2, 10^2\})$	1280000
20	$\mathcal{O}(2; \{2^2, 4^4, 10^2\})$	5120000
20	$\mathcal{O}(2; \{5^5, 10^2\})$	491400000
20	$\mathcal{O}(2; \{2^3, 5^2, 10^3\})$	30600000
20	$\mathcal{O}(2; \{4^2, 5^2, 10^3\})$	65280000
20	$\mathcal{O}(2; \{2, 5, 10^5\})$	123000000
20	$\mathcal{O}(2; \{2^5, 4, 5^2, 20\})$	3840000
20	$\mathcal{O}(2; \{2^2, 4^3, 5^2, 20\})$	15360000
20	$\mathcal{O}(2; \{4, 5^4, 10, 20\})$	262400000
20	$\mathcal{O}(2; \{2^3, 4, 5, 10^2, 20\})$	16640000
20	$\mathcal{O}(2; \{4^3, 5, 10^2, 20\})$	66560000
20	$\mathcal{O}(2; \{2, 4, 10^4, 20\})$	65280000
20	$\mathcal{O}(2; \{2^3, 5^3, 20^2\})$	65280000
20	$\mathcal{O}(2; \{4^2, 5^3, 20^2\})$	261120000
20	$\mathcal{O}(2; \{2^6, 10, 20^2\})$	3840000
20	$\mathcal{O}(2; \{2^3, 4^2, 10, 20^2\})$	15360000
20	$\mathcal{O}(2; \{4^4, 10, 20^2\})$	61440000
20	$\mathcal{O}(2; \{2, 5^2, 10^2, 20^2\})$	262400000
20	$\mathcal{O}(2; \{2, 4, 5, 10, 20^3\})$	261120000
20	$\mathcal{O}(2; \{2^4, 20^4\})$	66560000
20	$\mathcal{O}(2; \{2, 4^2, 20^4\})$	266240000
20	$\mathcal{O}(1; \{2^6, 5^6\})$	246000
20	$\mathcal{O}(1; \{2^3, 4^2, 5^6\})$	656000
20	$\mathcal{O}(1; \{4^4, 5^6\})$	2624000
20	$\mathcal{O}(1; \{2^9, 5^3, 10\})$	15600
20	$\mathcal{O}(1; \{2^6, 4^2, 5^3, 10\})$	41600
20	$\mathcal{O}(1; \{2^3, 4^4, 5^3, 10\})$	166400
20	$\mathcal{O}(1; \{4^6, 5^3, 10\})$	665600
20	$\mathcal{O}(1; \{2, 5^8, 10\})$	15728400
20	$\mathcal{O}(1; \{2^{12}, 10^2\})$	1200
20	$\mathcal{O}(1; \{2^9, 4^2, 10^2\})$	3200
20	$\mathcal{O}(1; \{2^6, 4^4, 10^2\})$	12800
20	$\mathcal{O}(1; \{2^3, 4^6, 10^2\})$	51200
20	$\mathcal{O}(1; \{4^8, 10^2\})$	204800
20	$\mathcal{O}(1; \{2^4, 5^5, 10^2\})$	982800
20	$\mathcal{O}(1; \{2, 4^2, 5^5, 10^2\})$	2620800
20	$\mathcal{O}(1; \{2^7, 5^2, 10^3\})$	61200
20	$\mathcal{O}(1; \{2^4, 4^2, 5^2, 10^3\})$	163200
20	$\mathcal{O}(1; \{2, 4^4, 5^2, 10^3\})$	652800
20	$\mathcal{O}(1; \{2^2, 5^4, 10^4\})$	3932400
20	$\mathcal{O}(1; \{2^5, 5, 10^5\})$	246000
20	$\mathcal{O}(1; \{2^2, 4^2, 5, 10^5\})$	656000
20	$\mathcal{O}(1; \{5^3, 10^6\})$	15728400

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{2^3, 10^7\})$	982800
20	$\mathcal{O}(1; \{4^2, 10^7\})$	2620800
20	$\mathcal{O}(1; \{2^9, 4, 5^2, 20\})$	9600
20	$\mathcal{O}(1; \{2^6, 4^3, 5^2, 20\})$	38400
20	$\mathcal{O}(1; \{2^3, 4^5, 5^2, 20\})$	153600
20	$\mathcal{O}(1; \{4^7, 5^2, 20\})$	614400
20	$\mathcal{O}(1; \{2, 4, 5^7, 20\})$	10486400
20	$\mathcal{O}(1; \{2^4, 4, 5^4, 10, 20\})$	656000
20	$\mathcal{O}(1; \{2, 4^3, 5^4, 10, 20\})$	2624000
20	$\mathcal{O}(1; \{2^7, 4, 5, 10^2, 20\})$	41600
20	$\mathcal{O}(1; \{2^4, 4^3, 5, 10^2, 20\})$	166400
20	$\mathcal{O}(1; \{2, 4^5, 5, 10^2, 20\})$	665600
20	$\mathcal{O}(1; \{2^2, 4, 5^3, 10^3, 20\})$	2620800
20	$\mathcal{O}(1; \{2^5, 4, 10^4, 20\})$	163200
20	$\mathcal{O}(1; \{2^2, 4^3, 10^4, 20\})$	652800
20	$\mathcal{O}(1; \{4, 5^2, 10^5, 20\})$	10486400
20	$\mathcal{O}(1; \{2^7, 5^3, 20^2\})$	163200
20	$\mathcal{O}(1; \{2^4, 4^2, 5^3, 20^2\})$	652800
20	$\mathcal{O}(1; \{2, 4^4, 5^3, 20^2\})$	2611200
20	$\mathcal{O}(1; \{2^{10}, 10, 20^2\})$	9600
20	$\mathcal{O}(1; \{2^7, 4^2, 10, 20^2\})$	38400
20	$\mathcal{O}(1; \{2^4, 4^4, 10, 20^2\})$	153600
20	$\mathcal{O}(1; \{2, 4^6, 10, 20^2\})$	614400
20	$\mathcal{O}(1; \{2^2, 5^5, 10, 20^2\})$	10486400
20	$\mathcal{O}(1; \{2^5, 5^2, 10^2, 20^2\})$	656000
20	$\mathcal{O}(1; \{2^2, 4^2, 5^2, 10^2, 20^2\})$	2624000
20	$\mathcal{O}(1; \{5^4, 10^3, 20^2\})$	41942400
20	$\mathcal{O}(1; \{2^3, 5, 10^4, 20^2\})$	2620800
20	$\mathcal{O}(1; \{4^2, 5, 10^4, 20^2\})$	10483200
20	$\mathcal{O}(1; \{2, 10^6, 20^2\})$	10486400
20	$\mathcal{O}(1; \{2^2, 4, 5^4, 20^3\})$	10483200
20	$\mathcal{O}(1; \{2^5, 4, 5, 10, 20^3\})$	652800
20	$\mathcal{O}(1; \{2^2, 4^3, 5, 10, 20^3\})$	2611200
20	$\mathcal{O}(1; \{4, 5^3, 10^2, 20^3\})$	41945600
20	$\mathcal{O}(1; \{2^3, 4, 10^3, 20^3\})$	2624000
20	$\mathcal{O}(1; \{4^3, 10^3, 20^3\})$	10496000
20	$\mathcal{O}(1; \{2^8, 20^4\})$	166400
20	$\mathcal{O}(1; \{2^5, 4^2, 20^4\})$	665600
20	$\mathcal{O}(1; \{2^2, 4^4, 20^4\})$	2662400
20	$\mathcal{O}(1; \{5^5, 20^4\})$	167769600
20	$\mathcal{O}(1; \{2^3, 5^2, 10, 20^4\})$	10483200
20	$\mathcal{O}(1; \{4^2, 5^2, 10, 20^4\})$	41932800
20	$\mathcal{O}(1; \{2, 5, 10^3, 20^4\})$	41945600

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{2^3, 4, 5, 20^5\})$	10496000
20	$\mathcal{O}(1; \{4^3, 5, 20^5\})$	41984000
20	$\mathcal{O}(1; \{2, 4, 10^2, 20^5\})$	41932800
20	$\mathcal{O}(1; \{2, 5^2, 20^6\})$	167782400
20	$\mathcal{O}(0; \{2^7, 4^2, 5^6\})$	1640
20	$\mathcal{O}(0; \{2^4, 4^4, 5^6\})$	6560
20	$\mathcal{O}(0; \{2, 4^6, 5^6\})$	26240
20	$\mathcal{O}(0; \{2^{10}, 4^2, 5^3, 10\})$	104
20	$\mathcal{O}(0; \{2^7, 4^4, 5^3, 10\})$	416
20	$\mathcal{O}(0; \{2^4, 4^6, 5^3, 10\})$	1664
20	$\mathcal{O}(0; \{2, 4^8, 5^3, 10\})$	6656
20	$\mathcal{O}(0; \{2^2, 4^2, 5^8, 10\})$	104856
20	$\mathcal{O}(0; \{2^{13}, 4^2, 10^2\})$	8
20	$\mathcal{O}(0; \{2^{10}, 4^4, 10^2\})$	32
20	$\mathcal{O}(0; \{2^7, 4^6, 10^2\})$	128
20	$\mathcal{O}(0; \{2^4, 4^8, 10^2\})$	512
20	$\mathcal{O}(0; \{2, 4^{10}, 10^2\})$	2048
20	$\mathcal{O}(0; \{2^5, 4^2, 5^5, 10^2\})$	6552
20	$\mathcal{O}(0; \{2^2, 4^4, 5^5, 10^2\})$	26208
20	$\mathcal{O}(0; \{2^8, 4^2, 5^2, 10^3\})$	408
20	$\mathcal{O}(0; \{2^5, 4^4, 5^2, 10^3\})$	1632
20	$\mathcal{O}(0; \{2^2, 4^6, 5^2, 10^3\})$	6528
20	$\mathcal{O}(0; \{4^2, 5^7, 10^3\})$	419432
20	$\mathcal{O}(0; \{2^3, 4^2, 5^4, 10^4\})$	26216
20	$\mathcal{O}(0; \{4^4, 5^4, 10^4\})$	104864
20	$\mathcal{O}(0; \{2^6, 4^2, 5, 10^5\})$	1640
20	$\mathcal{O}(0; \{2^3, 4^4, 5, 10^5\})$	6560
20	$\mathcal{O}(0; \{4^6, 5, 10^5\})$	26240
20	$\mathcal{O}(0; \{2, 4^2, 5^3, 10^6\})$	104856
20	$\mathcal{O}(0; \{2^4, 4^2, 10^7\})$	6552
20	$\mathcal{O}(0; \{2, 4^4, 10^7\})$	26208
20	$\mathcal{O}(0; \{2^{13}, 4, 5^2, 20\})$	24
20	$\mathcal{O}(0; \{2^{10}, 4^3, 5^2, 20\})$	96
20	$\mathcal{O}(0; \{2^7, 4^5, 5^2, 20\})$	384
20	$\mathcal{O}(0; \{2^4, 4^7, 5^2, 20\})$	1536
20	$\mathcal{O}(0; \{2, 4^9, 5^2, 20\})$	6144
20	$\mathcal{O}(0; \{2^5, 4, 5^7, 20\})$	26216
20	$\mathcal{O}(0; \{2^2, 4^3, 5^7, 20\})$	104864
20	$\mathcal{O}(0; \{2^8, 4, 5^4, 10, 20\})$	1640
20	$\mathcal{O}(0; \{2^5, 4^3, 5^4, 10, 20\})$	6560
20	$\mathcal{O}(0; \{2^2, 4^5, 5^4, 10, 20\})$	26240
20	$\mathcal{O}(0; \{4, 5^9, 10, 20\})$	1677720
20	$\mathcal{O}(0; \{2^{11}, 4, 5, 10^2, 20\})$	104

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^2, 4^2, 10^6, 20^2\})$	104864
20	$\mathcal{O}(0; \{5^2, 10^7, 20^2\})$	1677720
20	$\mathcal{O}(0; \{2^6, 4, 5^4, 20^3\})$	26208
20	$\mathcal{O}(0; \{2^3, 4^3, 5^4, 20^3\})$	104832
20	$\mathcal{O}(0; \{4^5, 5^4, 20^3\})$	419328
20	$\mathcal{O}(0; \{2^9, 4, 5, 10, 20^3\})$	1632
20	$\mathcal{O}(0; \{2^6, 4^3, 5, 10, 20^3\})$	6528
20	$\mathcal{O}(0; \{2^3, 4^5, 5, 10, 20^3\})$	26112
20	$\mathcal{O}(0; \{4^7, 5, 10, 20^3\})$	104448
20	$\mathcal{O}(0; \{2, 4, 5^6, 10, 20^3\})$	1677728
20	$\mathcal{O}(0; \{2^4, 4, 5^3, 10^2, 20^3\})$	104864
20	$\mathcal{O}(0; \{2, 4^3, 5^3, 10^2, 20^3\})$	419456
20	$\mathcal{O}(0; \{2^7, 4, 10^3, 20^3\})$	6560
20	$\mathcal{O}(0; \{2^4, 4^3, 10^3, 20^3\})$	26240
20	$\mathcal{O}(0; \{2, 4^5, 10^3, 20^3\})$	104960
20	$\mathcal{O}(0; \{2^2, 4, 5^2, 10^4, 20^3\})$	419424
20	$\mathcal{O}(0; \{4, 5, 10^6, 20^3\})$	1677728
20	$\mathcal{O}(0; \{2^{12}, 20^4\})$	416
20	$\mathcal{O}(0; \{2^9, 4^2, 20^4\})$	1664
20	$\mathcal{O}(0; \{2^6, 4^4, 20^4\})$	6656
20	$\mathcal{O}(0; \{2^3, 4^6, 20^4\})$	26624
20	$\mathcal{O}(0; \{4^8, 20^4\})$	106496
20	$\mathcal{O}(0; \{2^4, 5^5, 20^4\})$	419424
20	$\mathcal{O}(0; \{2, 4^2, 5^5, 20^4\})$	1677696
20	$\mathcal{O}(0; \{2^7, 5^2, 10, 20^4\})$	26208
20	$\mathcal{O}(0; \{2^4, 4^2, 5^2, 10, 20^4\})$	104832
20	$\mathcal{O}(0; \{2, 4^4, 5^2, 10, 20^4\})$	419328
20	$\mathcal{O}(0; \{2^2, 5^4, 10^2, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^5, 5, 10^3, 20^4\})$	104864
20	$\mathcal{O}(0; \{2^2, 4^2, 5, 10^3, 20^4\})$	419456
20	$\mathcal{O}(0; \{5^3, 10^4, 20^4\})$	6710880
20	$\mathcal{O}(0; \{2^3, 10^5, 20^4\})$	419424
20	$\mathcal{O}(0; \{4^2, 10^5, 20^4\})$	1677696
20	$\mathcal{O}(0; \{2^7, 4, 5, 20^5\})$	26240
20	$\mathcal{O}(0; \{2^4, 4^3, 5, 20^5\})$	104960
20	$\mathcal{O}(0; \{2, 4^5, 5, 20^5\})$	419840
20	$\mathcal{O}(0; \{2^2, 4, 5^3, 10, 20^5\})$	1677696
20	$\mathcal{O}(0; \{2^5, 4, 10^2, 20^5\})$	104832
20	$\mathcal{O}(0; \{2^2, 4^3, 10^2, 20^5\})$	419328
20	$\mathcal{O}(0; \{4, 5^2, 10^3, 20^5\})$	6710912
20	$\mathcal{O}(0; \{2^5, 5^2, 20^6\})$	419456
20	$\mathcal{O}(0; \{2^2, 4^2, 5^2, 20^6\})$	1677824
20	$\mathcal{O}(0; \{5^4, 10, 20^6\})$	26843520

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^3, 5, 10^2, 20^6\})$	1677696
20	$\mathcal{O}(0; \{4^2, 5, 10^2, 20^6\})$	6710784
20	$\mathcal{O}(0; \{2, 10^4, 20^6\})$	6710912
20	$\mathcal{O}(0; \{4, 5^3, 20^7\})$	26843648
20	$\mathcal{O}(0; \{2^3, 4, 10, 20^7\})$	1677824
20	$\mathcal{O}(0; \{4^3, 10, 20^7\})$	6711296
20	$\mathcal{O}(0; \{2, 5, 10, 20^8\})$	26843648
20	$\mathcal{O}(0; \{2, 4, 20^9\})$	26843136
21	$\mathcal{O}(3; \{7^4\})$	15930615792
21	$\mathcal{O}(3; \{3, 7, 21^2\})$	5145967260
21	$\mathcal{O}(2; \{3^3, 7^4\})$	72346932
21	$\mathcal{O}(2; \{3^4, 7, 21^2\})$	128357460
21	$\mathcal{O}(2; \{7^3, 21^3\})$	2592820692
21	$\mathcal{O}(2; \{3, 21^5\})$	4749226020
21	$\mathcal{O}(1; \{3^6, 7^4\})$	1804572
21	$\mathcal{O}(1; \{3^2, 7^6, 21\})$	35271180
21	$\mathcal{O}(1; \{3^7, 7, 21^2\})$	2249100
21	$\mathcal{O}(1; \{3^3, 7^3, 21^3\})$	64673532
21	$\mathcal{O}(1; \{3^4, 21^5\})$	83216700
21	$\mathcal{O}(1; \{7^2, 21^6\})$	2327956092
21	$\mathcal{O}(0; \{3^9, 7^4\})$	31620
21	$\mathcal{O}(0; \{3^5, 7^6, 21\})$	879780
21	$\mathcal{O}(0; \{3^{10}, 7, 21^2\})$	40980
21	$\mathcal{O}(0; \{3, 7^8, 21^2\})$	17276052
21	$\mathcal{O}(0; \{3^6, 7^3, 21^3\})$	1133220
21	$\mathcal{O}(0; \{3^2, 7^5, 21^4\})$	31672740
21	$\mathcal{O}(0; \{3^7, 21^5\})$	1516260
21	$\mathcal{O}(0; \{3^3, 7^2, 21^6\})$	40790820
21	$\mathcal{O}(0; \{7, 21^9\})$	1468464420
22	$\mathcal{O}(2; \{2, 11^4, 22\})$	2129387040
22	$\mathcal{O}(1; \{2^5, 11^4, 22\})$	4399560
22	$\mathcal{O}(1; \{2^3, 11^3, 22^3\})$	44000440
22	$\mathcal{O}(1; \{2, 11^2, 22^5\})$	439999560
22	$\mathcal{O}(0; \{2^9, 11^4, 22\})$	9090
22	$\mathcal{O}(0; \{2^7, 11^3, 22^3\})$	90910
22	$\mathcal{O}(0; \{2^5, 11^2, 22^5\})$	909090
22	$\mathcal{O}(0; \{2^3, 11, 22^7\})$	9090910
22	$\mathcal{O}(0; \{2, 22^9\})$	90909090
23	$\mathcal{O}(2; \{23^5\})$	62703972870
24	$\mathcal{O}(3; \{2^2, 4^2\})$	375717888
24	$\mathcal{O}(3; \{4, 8^2\})$	1526726656
24	$\mathcal{O}(3; \{4, 6, 12\})$	752467968
24	$\mathcal{O}(3; \{3, 12^2\})$	752467968

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(3; \{3, 8, 24\})$	1528823808
24	$\mathcal{O}(2; \{2^6, 4^2\})$	614400
24	$\mathcal{O}(2; \{2^2, 3^3, 4^2\})$	1244160
24	$\mathcal{O}(2; \{2^3, 4^4\})$	2457600
24	$\mathcal{O}(2; \{4^6\})$	9830400
24	$\mathcal{O}(2; \{2^3, 3, 4^2, 6\})$	1244160
24	$\mathcal{O}(2; \{3, 4^4, 6\})$	4976640
24	$\mathcal{O}(2; \{3^2, 4^2, 6^2\})$	3732480
24	$\mathcal{O}(2; \{2, 4^2, 6^3\})$	1244160
24	$\mathcal{O}(2; \{2^4, 4, 8^2\})$	2621440
24	$\mathcal{O}(2; \{3^3, 4, 8^2\})$	5308416
24	$\mathcal{O}(2; \{2, 4^3, 8^2\})$	10485760
24	$\mathcal{O}(2; \{2, 3, 4, 6, 8^2\})$	5308416
24	$\mathcal{O}(2; \{2^2, 8^4\})$	20971520
24	$\mathcal{O}(2; \{2^3, 3^2, 4, 12\})$	1244160
24	$\mathcal{O}(2; \{3^2, 4^3, 12\})$	4976640
24	$\mathcal{O}(2; \{2^4, 4, 6, 12\})$	1244160
24	$\mathcal{O}(2; \{3^3, 4, 6, 12\})$	6220800
24	$\mathcal{O}(2; \{2, 4^3, 6, 12\})$	4976640
24	$\mathcal{O}(2; \{2, 3, 4, 6^2, 12\})$	3732480
24	$\mathcal{O}(2; \{2, 3^2, 8^2, 12\})$	5308416
24	$\mathcal{O}(2; \{2^2, 6, 8^2, 12\})$	5308416
24	$\mathcal{O}(2; \{2^4, 3, 12^2\})$	1244160
24	$\mathcal{O}(2; \{3^4, 12^2\})$	13685760
24	$\mathcal{O}(2; \{2, 3, 4^2, 12^2\})$	4976640
24	$\mathcal{O}(2; \{2, 3^2, 6, 12^2\})$	6220800
24	$\mathcal{O}(2; \{2^2, 6^2, 12^2\})$	3732480
24	$\mathcal{O}(2; \{2^2, 4, 12^3\})$	4976640
24	$\mathcal{O}(2; \{8^2, 12^3\})$	21233664
24	$\mathcal{O}(2; \{6, 12^4\})$	24883200
24	$\mathcal{O}(2; \{2^4, 3, 8, 24\})$	2654208
24	$\mathcal{O}(2; \{3^4, 8, 24\})$	13271040
24	$\mathcal{O}(2; \{2, 3, 4^2, 8, 24\})$	10616832
24	$\mathcal{O}(2; \{2, 3^2, 6, 8, 24\})$	7962624
24	$\mathcal{O}(2; \{2^2, 6^2, 8, 24\})$	2654208
24	$\mathcal{O}(2; \{2^2, 4, 8, 12, 24\})$	10616832
24	$\mathcal{O}(2; \{8^3, 12, 24\})$	84934656
24	$\mathcal{O}(2; \{6, 8, 12^2, 24\})$	31850496
24	$\mathcal{O}(2; \{2, 3^2, 4, 24^2\})$	15925248
24	$\mathcal{O}(2; \{2^2, 4, 6, 24^2\})$	5308416
24	$\mathcal{O}(2; \{6, 8^2, 24^2\})$	42467328
24	$\mathcal{O}(2; \{2^2, 3, 12, 24^2\})$	15925248
24	$\mathcal{O}(2; \{6^2, 12, 24^2\})$	26542080

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{4, 12^2, 24^2\})$	63700992
24	$\mathcal{O}(2; \{4, 8, 24^3\})$	84934656
24	$\mathcal{O}(2; \{3, 24^4\})$	212336640
24	$\mathcal{O}(1; \{2^{10}, 4^2\})$	768
24	$\mathcal{O}(1; \{2^6, 3^3, 4^2\})$	1728
24	$\mathcal{O}(1; \{2^2, 3^6, 4^2\})$	19008
24	$\mathcal{O}(1; \{2^7, 4^4\})$	3072
24	$\mathcal{O}(1; \{2^3, 3^3, 4^4\})$	6912
24	$\mathcal{O}(1; \{2^4, 4^6\})$	12288
24	$\mathcal{O}(1; \{3^3, 4^6\})$	27648
24	$\mathcal{O}(1; \{2, 4^8\})$	49152
24	$\mathcal{O}(1; \{2^7, 3, 4^2, 6\})$	1728
24	$\mathcal{O}(1; \{2^3, 3^4, 4^2, 6\})$	8640
24	$\mathcal{O}(1; \{2^4, 3, 4^4, 6\})$	6912
24	$\mathcal{O}(1; \{3^4, 4^4, 6\})$	34560
24	$\mathcal{O}(1; \{2, 3, 4^6, 6\})$	27648
24	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 6^2\})$	5184
24	$\mathcal{O}(1; \{3^5, 4^2, 6^2\})$	36288
24	$\mathcal{O}(1; \{2, 3^2, 4^4, 6^2\})$	20736
24	$\mathcal{O}(1; \{2^5, 4^2, 6^3\})$	1728
24	$\mathcal{O}(1; \{2, 3^3, 4^2, 6^3\})$	19008
24	$\mathcal{O}(1; \{2^2, 4^4, 6^3\})$	6912
24	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^4\})$	8640
24	$\mathcal{O}(1; \{4^2, 6^6\})$	19008
24	$\mathcal{O}(1; \{2^8, 4, 8^2\})$	4096
24	$\mathcal{O}(1; \{2^4, 3^3, 4, 8^2\})$	9216
24	$\mathcal{O}(1; \{3^6, 4, 8^2\})$	101376
24	$\mathcal{O}(1; \{2^5, 4^3, 8^2\})$	16384
24	$\mathcal{O}(1; \{2, 3^3, 4^3, 8^2\})$	36864
24	$\mathcal{O}(1; \{2^2, 4^5, 8^2\})$	65536
24	$\mathcal{O}(1; \{2^5, 3, 4, 6, 8^2\})$	9216
24	$\mathcal{O}(1; \{2, 3^4, 4, 6, 8^2\})$	46080
24	$\mathcal{O}(1; \{2^2, 3, 4^3, 6, 8^2\})$	36864
24	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^2, 8^2\})$	27648
24	$\mathcal{O}(1; \{2^3, 4, 6^3, 8^2\})$	9216
24	$\mathcal{O}(1; \{4^3, 6^3, 8^2\})$	36864
24	$\mathcal{O}(1; \{3, 4, 6^4, 8^2\})$	46080
24	$\mathcal{O}(1; \{2^6, 8^4\})$	32768
24	$\mathcal{O}(1; \{2^2, 3^3, 8^4\})$	73728
24	$\mathcal{O}(1; \{2^3, 4^2, 8^4\})$	131072
24	$\mathcal{O}(1; \{4^4, 8^4\})$	524288
24	$\mathcal{O}(1; \{2^3, 3, 6, 8^4\})$	73728
24	$\mathcal{O}(1; \{3, 4^2, 6, 8^4\})$	294912

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{3^2, 6^2, 8^4\})$	221184
24	$\mathcal{O}(1; \{2, 6^3, 8^4\})$	73728
24	$\mathcal{O}(1; \{2, 4, 8^6\})$	1048576
24	$\mathcal{O}(1; \{2^7, 3^2, 4, 12\})$	1728
24	$\mathcal{O}(1; \{2^3, 3^5, 4, 12\})$	19008
24	$\mathcal{O}(1; \{2^4, 3^2, 4^3, 12\})$	6912
24	$\mathcal{O}(1; \{3^5, 4^3, 12\})$	76032
24	$\mathcal{O}(1; \{2, 3^2, 4^5, 12\})$	27648
24	$\mathcal{O}(1; \{2^8, 4, 6, 12\})$	1728
24	$\mathcal{O}(1; \{2^4, 3^3, 4, 6, 12\})$	8640
24	$\mathcal{O}(1; \{3^6, 4, 6, 12\})$	74304
24	$\mathcal{O}(1; \{2^5, 4^3, 6, 12\})$	6912
24	$\mathcal{O}(1; \{2, 3^3, 4^3, 6, 12\})$	34560
24	$\mathcal{O}(1; \{2^2, 4^5, 6, 12\})$	27648
24	$\mathcal{O}(1; \{2^5, 3, 4, 6^2, 12\})$	5184
24	$\mathcal{O}(1; \{2, 3^4, 4, 6^2, 12\})$	36288
24	$\mathcal{O}(1; \{2^2, 3, 4^3, 6^2, 12\})$	20736
24	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^3, 12\})$	19008
24	$\mathcal{O}(1; \{2^3, 4, 6^4, 12\})$	8640
24	$\mathcal{O}(1; \{4^3, 6^4, 12\})$	34560
24	$\mathcal{O}(1; \{3, 4, 6^5, 12\})$	36288
24	$\mathcal{O}(1; \{2^5, 3^2, 8^2, 12\})$	9216
24	$\mathcal{O}(1; \{2, 3^5, 8^2, 12\})$	101376
24	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 8^2, 12\})$	36864
24	$\mathcal{O}(1; \{2^6, 6, 8^2, 12\})$	9216
24	$\mathcal{O}(1; \{2^2, 3^3, 6, 8^2, 12\})$	46080
24	$\mathcal{O}(1; \{2^3, 4^2, 6, 8^2, 12\})$	36864
24	$\mathcal{O}(1; \{4^4, 6, 8^2, 12\})$	147456
24	$\mathcal{O}(1; \{2^3, 3, 6^2, 8^2, 12\})$	27648
24	$\mathcal{O}(1; \{3, 4^2, 6^2, 8^2, 12\})$	110592
24	$\mathcal{O}(1; \{3^2, 6^3, 8^2, 12\})$	101376
24	$\mathcal{O}(1; \{2, 6^4, 8^2, 12\})$	46080
24	$\mathcal{O}(1; \{3^2, 4, 8^4, 12\})$	294912
24	$\mathcal{O}(1; \{2, 4, 6, 8^4, 12\})$	294912
24	$\mathcal{O}(1; \{2^8, 3, 12^2\})$	1728
24	$\mathcal{O}(1; \{2^4, 3^4, 12^2\})$	19008
24	$\mathcal{O}(1; \{3^7, 12^2\})$	146880
24	$\mathcal{O}(1; \{2^5, 3, 4^2, 12^2\})$	6912
24	$\mathcal{O}(1; \{2, 3^4, 4^2, 12^2\})$	76032
24	$\mathcal{O}(1; \{2^2, 3, 4^4, 12^2\})$	27648
24	$\mathcal{O}(1; \{2^5, 3^2, 6, 12^2\})$	8640
24	$\mathcal{O}(1; \{2, 3^5, 6, 12^2\})$	74304
24	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6, 12^2\})$	34560

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^6, 6^2, 12^2\})$	5184
24	$\mathcal{O}(1; \{2^2, 3^3, 6^2, 12^2\})$	36288
24	$\mathcal{O}(1; \{2^3, 4^2, 6^2, 12^2\})$	20736
24	$\mathcal{O}(1; \{4^4, 6^2, 12^2\})$	82944
24	$\mathcal{O}(1; \{2^3, 3, 6^3, 12^2\})$	19008
24	$\mathcal{O}(1; \{3, 4^2, 6^3, 12^2\})$	76032
24	$\mathcal{O}(1; \{3^2, 6^4, 12^2\})$	74304
24	$\mathcal{O}(1; \{2, 6^5, 12^2\})$	36288
24	$\mathcal{O}(1; \{2^3, 3, 4, 8^2, 12^2\})$	36864
24	$\mathcal{O}(1; \{3, 4^3, 8^2, 12^2\})$	147456
24	$\mathcal{O}(1; \{3^2, 4, 6, 8^2, 12^2\})$	184320
24	$\mathcal{O}(1; \{2, 4, 6^2, 8^2, 12^2\})$	110592
24	$\mathcal{O}(1; \{2, 3, 8^4, 12^2\})$	294912
24	$\mathcal{O}(1; \{2^6, 4, 12^3\})$	6912
24	$\mathcal{O}(1; \{2^2, 3^3, 4, 12^3\})$	76032
24	$\mathcal{O}(1; \{2^3, 4^3, 12^3\})$	27648
24	$\mathcal{O}(1; \{4^5, 12^3\})$	110592
24	$\mathcal{O}(1; \{2^3, 3, 4, 6, 12^3\})$	34560
24	$\mathcal{O}(1; \{3, 4^3, 6, 12^3\})$	138240
24	$\mathcal{O}(1; \{3^2, 4, 6^2, 12^3\})$	145152
24	$\mathcal{O}(1; \{2, 4, 6^3, 12^3\})$	76032
24	$\mathcal{O}(1; \{2^4, 8^2, 12^3\})$	36864
24	$\mathcal{O}(1; \{3^3, 8^2, 12^3\})$	405504
24	$\mathcal{O}(1; \{2, 4^2, 8^2, 12^3\})$	147456
24	$\mathcal{O}(1; \{2, 3, 6, 8^2, 12^3\})$	184320
24	$\mathcal{O}(1; \{2^3, 3^2, 12^4\})$	76032
24	$\mathcal{O}(1; \{3^2, 4^2, 12^4\})$	304128
24	$\mathcal{O}(1; \{2^4, 6, 12^4\})$	34560
24	$\mathcal{O}(1; \{3^3, 6, 12^4\})$	297216
24	$\mathcal{O}(1; \{2, 4^2, 6, 12^4\})$	138240
24	$\mathcal{O}(1; \{2, 3, 6^2, 12^4\})$	145152
24	$\mathcal{O}(1; \{2, 3, 4, 12^5\})$	304128
24	$\mathcal{O}(1; \{2^2, 12^6\})$	304128
24	$\mathcal{O}(1; \{2^8, 3, 8, 24\})$	4608
24	$\mathcal{O}(1; \{2^4, 3^4, 8, 24\})$	23040
24	$\mathcal{O}(1; \{3^7, 8, 24\})$	198144
24	$\mathcal{O}(1; \{2^5, 3, 4^2, 8, 24\})$	18432
24	$\mathcal{O}(1; \{2, 3^4, 4^2, 8, 24\})$	92160
24	$\mathcal{O}(1; \{2^2, 3, 4^4, 8, 24\})$	73728
24	$\mathcal{O}(1; \{2^5, 3^2, 6, 8, 24\})$	13824
24	$\mathcal{O}(1; \{2, 3^5, 6, 8, 24\})$	96768
24	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6, 8, 24\})$	55296
24	$\mathcal{O}(1; \{2^6, 6^2, 8, 24\})$	4608

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^2, 3^3, 6^2, 8, 24\})$	50688
24	$\mathcal{O}(1; \{2^3, 4^2, 6^2, 8, 24\})$	18432
24	$\mathcal{O}(1; \{4^4, 6^2, 8, 24\})$	73728
24	$\mathcal{O}(1; \{2^3, 3, 6^3, 8, 24\})$	23040
24	$\mathcal{O}(1; \{3, 4^2, 6^3, 8, 24\})$	92160
24	$\mathcal{O}(1; \{3^2, 6^4, 8, 24\})$	96768
24	$\mathcal{O}(1; \{2, 6^5, 8, 24\})$	50688
24	$\mathcal{O}(1; \{2^3, 3, 4, 8^3, 24\})$	147456
24	$\mathcal{O}(1; \{3, 4^3, 8^3, 24\})$	589824
24	$\mathcal{O}(1; \{3^2, 4, 6, 8^3, 24\})$	442368
24	$\mathcal{O}(1; \{2, 4, 6^2, 8^3, 24\})$	147456
24	$\mathcal{O}(1; \{2, 3, 8^5, 24\})$	1179648
24	$\mathcal{O}(1; \{2^6, 4, 8, 12, 24\})$	18432
24	$\mathcal{O}(1; \{2^2, 3^3, 4, 8, 12, 24\})$	92160
24	$\mathcal{O}(1; \{2^3, 4^3, 8, 12, 24\})$	73728
24	$\mathcal{O}(1; \{4^5, 8, 12, 24\})$	294912
24	$\mathcal{O}(1; \{2^3, 3, 4, 6, 8, 12, 24\})$	55296
24	$\mathcal{O}(1; \{3, 4^3, 6, 8, 12, 24\})$	221184
24	$\mathcal{O}(1; \{3^2, 4, 6^2, 8, 12, 24\})$	202752
24	$\mathcal{O}(1; \{2, 4, 6^3, 8, 12, 24\})$	92160
24	$\mathcal{O}(1; \{2^4, 8^3, 12, 24\})$	147456
24	$\mathcal{O}(1; \{3^3, 8^3, 12, 24\})$	737280
24	$\mathcal{O}(1; \{2, 4^2, 8^3, 12, 24\})$	589824
24	$\mathcal{O}(1; \{2, 3, 6, 8^3, 12, 24\})$	442368
24	$\mathcal{O}(1; \{2^3, 3^2, 8, 12^2, 24\})$	92160
24	$\mathcal{O}(1; \{3^2, 4^2, 8, 12^2, 24\})$	368640
24	$\mathcal{O}(1; \{2^4, 6, 8, 12^2, 24\})$	55296
24	$\mathcal{O}(1; \{3^3, 6, 8, 12^2, 24\})$	387072
24	$\mathcal{O}(1; \{2, 4^2, 6, 8, 12^2, 24\})$	221184
24	$\mathcal{O}(1; \{2, 3, 6^2, 8, 12^2, 24\})$	202752
24	$\mathcal{O}(1; \{2, 3, 4, 8, 12^3, 24\})$	368640
24	$\mathcal{O}(1; \{2^2, 8, 12^4, 24\})$	368640
24	$\mathcal{O}(1; \{2^5, 3^2, 4, 24^2\})$	27648
24	$\mathcal{O}(1; \{2, 3^5, 4, 24^2\})$	193536
24	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 24^2\})$	110592
24	$\mathcal{O}(1; \{2^6, 4, 6, 24^2\})$	9216
24	$\mathcal{O}(1; \{2^2, 3^3, 4, 6, 24^2\})$	101376
24	$\mathcal{O}(1; \{2^3, 4^3, 6, 24^2\})$	36864
24	$\mathcal{O}(1; \{4^5, 6, 24^2\})$	147456
24	$\mathcal{O}(1; \{2^3, 3, 4, 6^2, 24^2\})$	46080
24	$\mathcal{O}(1; \{3, 4^3, 6^2, 24^2\})$	184320
24	$\mathcal{O}(1; \{3^2, 4, 6^3, 24^2\})$	193536
24	$\mathcal{O}(1; \{2, 4, 6^4, 24^2\})$	101376

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^3, 3^2, 8^2, 24^2\})$	221184
24	$\mathcal{O}(1; \{3^2, 4^2, 8^2, 24^2\})$	884736
24	$\mathcal{O}(1; \{2^4, 6, 8^2, 24^2\})$	73728
24	$\mathcal{O}(1; \{3^3, 6, 8^2, 24^2\})$	811008
24	$\mathcal{O}(1; \{2, 4^2, 6, 8^2, 24^2\})$	294912
24	$\mathcal{O}(1; \{2, 3, 6^2, 8^2, 24^2\})$	368640
24	$\mathcal{O}(1; \{2^6, 3, 12, 24^2\})$	27648
24	$\mathcal{O}(1; \{2^2, 3^4, 12, 24^2\})$	193536
24	$\mathcal{O}(1; \{2^3, 3, 4^2, 12, 24^2\})$	110592
24	$\mathcal{O}(1; \{3, 4^4, 12, 24^2\})$	442368
24	$\mathcal{O}(1; \{2^3, 3^2, 6, 12, 24^2\})$	101376
24	$\mathcal{O}(1; \{3^2, 4^2, 6, 12, 24^2\})$	405504
24	$\mathcal{O}(1; \{2^4, 6^2, 12, 24^2\})$	46080
24	$\mathcal{O}(1; \{3^3, 6^2, 12, 24^2\})$	396288
24	$\mathcal{O}(1; \{2, 4^2, 6^2, 12, 24^2\})$	184320
24	$\mathcal{O}(1; \{2, 3, 6^3, 12, 24^2\})$	193536
24	$\mathcal{O}(1; \{2, 3, 4, 8^2, 12, 24^2\})$	884736
24	$\mathcal{O}(1; \{2^4, 4, 12^2, 24^2\})$	110592
24	$\mathcal{O}(1; \{3^3, 4, 12^2, 24^2\})$	774144
24	$\mathcal{O}(1; \{2, 4^3, 12^2, 24^2\})$	442368
24	$\mathcal{O}(1; \{2, 3, 4, 6, 12^2, 24^2\})$	405504
24	$\mathcal{O}(1; \{2^2, 8^2, 12^2, 24^2\})$	884736
24	$\mathcal{O}(1; \{2, 3^2, 12^3, 24^2\})$	774144
24	$\mathcal{O}(1; \{2^2, 6, 12^3, 24^2\})$	405504
24	$\mathcal{O}(1; \{12^5, 24^2\})$	3096576
24	$\mathcal{O}(1; \{2^4, 4, 8, 24^3\})$	147456
24	$\mathcal{O}(1; \{3^3, 4, 8, 24^3\})$	1622016
24	$\mathcal{O}(1; \{2, 4^3, 8, 24^3\})$	589824
24	$\mathcal{O}(1; \{2, 3, 4, 6, 8, 24^3\})$	737280
24	$\mathcal{O}(1; \{2^2, 8^3, 24^3\})$	1179648
24	$\mathcal{O}(1; \{2, 3^2, 8, 12, 24^3\})$	1622016
24	$\mathcal{O}(1; \{2^2, 6, 8, 12, 24^3\})$	737280
24	$\mathcal{O}(1; \{8, 12^3, 24^3\})$	6488064
24	$\mathcal{O}(1; \{2^4, 3, 24^4\})$	368640
24	$\mathcal{O}(1; \{3^4, 24^4\})$	3170304
24	$\mathcal{O}(1; \{2, 3, 4^2, 24^4\})$	1474560
24	$\mathcal{O}(1; \{2, 3^2, 6, 24^4\})$	1548288
24	$\mathcal{O}(1; \{2^2, 6^2, 24^4\})$	811008
24	$\mathcal{O}(1; \{2^2, 4, 12, 24^4\})$	1474560
24	$\mathcal{O}(1; \{8^2, 12, 24^4\})$	11796480
24	$\mathcal{O}(1; \{6, 12^2, 24^4\})$	6193152
24	$\mathcal{O}(1; \{6, 8, 24^5\})$	12976128
24	$\mathcal{O}(1; \{4, 24^6\})$	25952256

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^8, 3^3, 4, 8^2\})$	16
24	$\mathcal{O}(0; \{2^4, 3^6, 4, 8^2\})$	176
24	$\mathcal{O}(0; \{3^9, 4, 8^2\})$	1360
24	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 8^2\})$	64
24	$\mathcal{O}(0; \{2, 3^6, 4^3, 8^2\})$	704
24	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 8^2\})$	256
24	$\mathcal{O}(0; \{2^9, 3, 4, 6, 8^2\})$	16
24	$\mathcal{O}(0; \{2^5, 3^4, 4, 6, 8^2\})$	80
24	$\mathcal{O}(0; \{2, 3^7, 4, 6, 8^2\})$	688
24	$\mathcal{O}(0; \{2^6, 3, 4^3, 6, 8^2\})$	64
24	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6, 8^2\})$	320
24	$\mathcal{O}(0; \{2^3, 3, 4^5, 6, 8^2\})$	256
24	$\mathcal{O}(0; \{3, 4^7, 6, 8^2\})$	1024
24	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^2, 8^2\})$	48
24	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^2, 8^2\})$	336
24	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^2, 8^2\})$	192
24	$\mathcal{O}(0; \{3^2, 4^5, 6^2, 8^2\})$	768
24	$\mathcal{O}(0; \{2^7, 4, 6^3, 8^2\})$	16
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^3, 8^2\})$	176
24	$\mathcal{O}(0; \{2^4, 4^3, 6^3, 8^2\})$	64
24	$\mathcal{O}(0; \{3^3, 4^3, 6^3, 8^2\})$	704
24	$\mathcal{O}(0; \{2, 4^5, 6^3, 8^2\})$	256
24	$\mathcal{O}(0; \{2^4, 3, 4, 6^4, 8^2\})$	80
24	$\mathcal{O}(0; \{3^4, 4, 6^4, 8^2\})$	688
24	$\mathcal{O}(0; \{2, 3, 4^3, 6^4, 8^2\})$	320
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^5, 8^2\})$	336
24	$\mathcal{O}(0; \{2^2, 4, 6^6, 8^2\})$	176
24	$\mathcal{O}(0; \{2^6, 3^3, 8^4\})$	128
24	$\mathcal{O}(0; \{2^2, 3^6, 8^4\})$	1408
24	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 8^4\})$	512
24	$\mathcal{O}(0; \{3^3, 4^4, 8^4\})$	2048
24	$\mathcal{O}(0; \{2^7, 3, 6, 8^4\})$	128
24	$\mathcal{O}(0; \{2^3, 3^4, 6, 8^4\})$	640
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 6, 8^4\})$	512
24	$\mathcal{O}(0; \{3^4, 4^2, 6, 8^4\})$	2560
24	$\mathcal{O}(0; \{2, 3, 4^4, 6, 8^4\})$	2048
24	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 8^4\})$	384
24	$\mathcal{O}(0; \{3^5, 6^2, 8^4\})$	2688
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^2, 8^4\})$	1536
24	$\mathcal{O}(0; \{2^5, 6^3, 8^4\})$	128
24	$\mathcal{O}(0; \{2, 3^3, 6^3, 8^4\})$	1408
24	$\mathcal{O}(0; \{2^2, 4^2, 6^3, 8^4\})$	512
24	$\mathcal{O}(0; \{2^2, 3, 6^4, 8^4\})$	640

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{6^6, 8^4\})$	1408
24	$\mathcal{O}(0; \{2, 3^3, 4, 8^6\})$	4096
24	$\mathcal{O}(0; \{2^2, 3, 4, 6, 8^6\})$	4096
24	$\mathcal{O}(0; \{4, 6^3, 8^6\})$	4096
24	$\mathcal{O}(0; \{3, 6, 8^8\})$	32768
24	$\mathcal{O}(0; \{2^9, 3^2, 8^2, 12\})$	16
24	$\mathcal{O}(0; \{2^5, 3^5, 8^2, 12\})$	176
24	$\mathcal{O}(0; \{2, 3^8, 8^2, 12\})$	1360
24	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 8^2, 12\})$	64
24	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 8^2, 12\})$	704
24	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 8^2, 12\})$	256
24	$\mathcal{O}(0; \{3^2, 4^6, 8^2, 12\})$	1024
24	$\mathcal{O}(0; \{2^{10}, 6, 8^2, 12\})$	16
24	$\mathcal{O}(0; \{2^6, 3^3, 6, 8^2, 12\})$	80
24	$\mathcal{O}(0; \{2^2, 3^6, 6, 8^2, 12\})$	688
24	$\mathcal{O}(0; \{2^7, 4^2, 6, 8^2, 12\})$	64
24	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6, 8^2, 12\})$	320
24	$\mathcal{O}(0; \{2^4, 4^4, 6, 8^2, 12\})$	256
24	$\mathcal{O}(0; \{3^3, 4^4, 6, 8^2, 12\})$	1280
24	$\mathcal{O}(0; \{2, 4^6, 6, 8^2, 12\})$	1024
24	$\mathcal{O}(0; \{2^7, 3, 6^2, 8^2, 12\})$	48
24	$\mathcal{O}(0; \{2^3, 3^4, 6^2, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^2, 8^2, 12\})$	192
24	$\mathcal{O}(0; \{3^4, 4^2, 6^2, 8^2, 12\})$	1344
24	$\mathcal{O}(0; \{2, 3, 4^4, 6^2, 8^2, 12\})$	768
24	$\mathcal{O}(0; \{2^4, 3^2, 6^3, 8^2, 12\})$	176
24	$\mathcal{O}(0; \{3^5, 6^3, 8^2, 12\})$	1360
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^3, 8^2, 12\})$	704
24	$\mathcal{O}(0; \{2^5, 6^4, 8^2, 12\})$	80
24	$\mathcal{O}(0; \{2, 3^3, 6^4, 8^2, 12\})$	688
24	$\mathcal{O}(0; \{2^2, 4^2, 6^4, 8^2, 12\})$	320
24	$\mathcal{O}(0; \{2^2, 3, 6^5, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{6^7, 8^2, 12\})$	688
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 8^4, 12\})$	512
24	$\mathcal{O}(0; \{3^5, 4, 8^4, 12\})$	5632
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 8^4, 12\})$	2048
24	$\mathcal{O}(0; \{2^5, 4, 6, 8^4, 12\})$	512
24	$\mathcal{O}(0; \{2, 3^3, 4, 6, 8^4, 12\})$	2560
24	$\mathcal{O}(0; \{2^2, 4^3, 6, 8^4, 12\})$	2048
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^2, 8^4, 12\})$	1536
24	$\mathcal{O}(0; \{4, 6^4, 8^4, 12\})$	2560
24	$\mathcal{O}(0; \{2^2, 3^2, 8^6, 12\})$	4096
24	$\mathcal{O}(0; \{2^3, 6, 8^6, 12\})$	4096

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3, 4, 6^2, 8^2, 12^4\})$	5376
24	$\mathcal{O}(0; \{3^2, 8^4, 12^4\})$	22528
24	$\mathcal{O}(0; \{2, 6, 8^4, 12^4\})$	10240
24	$\mathcal{O}(0; \{2^3, 3, 8^2, 12^5\})$	2816
24	$\mathcal{O}(0; \{3, 4^2, 8^2, 12^5\})$	11264
24	$\mathcal{O}(0; \{3^2, 6, 8^2, 12^5\})$	11008
24	$\mathcal{O}(0; \{2, 6^2, 8^2, 12^5\})$	5376
24	$\mathcal{O}(0; \{2, 4, 8^2, 12^6\})$	11264
24	$\mathcal{O}(0; \{2^{12}, 3, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^8, 3^4, 8, 24\})$	40
24	$\mathcal{O}(0; \{2^4, 3^7, 8, 24\})$	344
24	$\mathcal{O}(0; \{3^{10}, 8, 24\})$	2728
24	$\mathcal{O}(0; \{2^9, 3, 4^2, 8, 24\})$	32
24	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 8, 24\})$	160
24	$\mathcal{O}(0; \{2, 3^7, 4^2, 8, 24\})$	1376
24	$\mathcal{O}(0; \{2^6, 3, 4^4, 8, 24\})$	128
24	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 8, 24\})$	640
24	$\mathcal{O}(0; \{2^3, 3, 4^6, 8, 24\})$	512
24	$\mathcal{O}(0; \{3, 4^8, 8, 24\})$	2048
24	$\mathcal{O}(0; \{2^9, 3^2, 6, 8, 24\})$	24
24	$\mathcal{O}(0; \{2^5, 3^5, 6, 8, 24\})$	168
24	$\mathcal{O}(0; \{2, 3^8, 6, 8, 24\})$	1368
24	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6, 8, 24\})$	96
24	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6, 8, 24\})$	672
24	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6, 8, 24\})$	384
24	$\mathcal{O}(0; \{3^2, 4^6, 6, 8, 24\})$	1536
24	$\mathcal{O}(0; \{2^{10}, 6^2, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^6, 3^3, 6^2, 8, 24\})$	88
24	$\mathcal{O}(0; \{2^2, 3^6, 6^2, 8, 24\})$	680
24	$\mathcal{O}(0; \{2^7, 4^2, 6^2, 8, 24\})$	32
24	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^2, 8, 24\})$	352
24	$\mathcal{O}(0; \{2^4, 4^4, 6^2, 8, 24\})$	128
24	$\mathcal{O}(0; \{3^3, 4^4, 6^2, 8, 24\})$	1408
24	$\mathcal{O}(0; \{2, 4^6, 6^2, 8, 24\})$	512
24	$\mathcal{O}(0; \{2^7, 3, 6^3, 8, 24\})$	40
24	$\mathcal{O}(0; \{2^3, 3^4, 6^3, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^3, 8, 24\})$	160
24	$\mathcal{O}(0; \{3^4, 4^2, 6^3, 8, 24\})$	1376
24	$\mathcal{O}(0; \{2, 3, 4^4, 6^3, 8, 24\})$	640
24	$\mathcal{O}(0; \{2^4, 3^2, 6^4, 8, 24\})$	168
24	$\mathcal{O}(0; \{3^5, 6^4, 8, 24\})$	1368
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^4, 8, 24\})$	672
24	$\mathcal{O}(0; \{2^5, 6^5, 8, 24\})$	88

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 3^3, 6^5, 8, 24\})$	680
24	$\mathcal{O}(0; \{2^2, 4^2, 6^5, 8, 24\})$	352
24	$\mathcal{O}(0; \{2^2, 3, 6^6, 8, 24\})$	344
24	$\mathcal{O}(0; \{6^8, 8, 24\})$	680
24	$\mathcal{O}(0; \{2^7, 3, 4, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{2^3, 3^4, 4, 8^3, 24\})$	1280
24	$\mathcal{O}(0; \{2^4, 3, 4^3, 8^3, 24\})$	1024
24	$\mathcal{O}(0; \{3^4, 4^3, 8^3, 24\})$	5120
24	$\mathcal{O}(0; \{2, 3, 4^5, 8^3, 24\})$	4096
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 6, 8^3, 24\})$	768
24	$\mathcal{O}(0; \{3^5, 4, 6, 8^3, 24\})$	5376
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 6, 8^3, 24\})$	3072
24	$\mathcal{O}(0; \{2^5, 4, 6^2, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{2, 3^3, 4, 6^2, 8^3, 24\})$	2816
24	$\mathcal{O}(0; \{2^2, 4^3, 6^2, 8^3, 24\})$	1024
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^3, 8^3, 24\})$	1280
24	$\mathcal{O}(0; \{4, 6^5, 8^3, 24\})$	2816
24	$\mathcal{O}(0; \{2^5, 3, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{2, 3^4, 8^5, 24\})$	10240
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 8^5, 24\})$	8192
24	$\mathcal{O}(0; \{2^2, 3^2, 6, 8^5, 24\})$	6144
24	$\mathcal{O}(0; \{2^3, 6^2, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{4^2, 6^2, 8^5, 24\})$	8192
24	$\mathcal{O}(0; \{3, 6^3, 8^5, 24\})$	10240
24	$\mathcal{O}(0; \{3, 4, 8^7, 24\})$	65536
24	$\mathcal{O}(0; \{2^{10}, 4, 8, 12, 24\})$	32
24	$\mathcal{O}(0; \{2^6, 3^3, 4, 8, 12, 24\})$	160
24	$\mathcal{O}(0; \{2^2, 3^6, 4, 8, 12, 24\})$	1376
24	$\mathcal{O}(0; \{2^7, 4^3, 8, 12, 24\})$	128
24	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 8, 12, 24\})$	640
24	$\mathcal{O}(0; \{2^4, 4^5, 8, 12, 24\})$	512
24	$\mathcal{O}(0; \{3^3, 4^5, 8, 12, 24\})$	2560
24	$\mathcal{O}(0; \{2, 4^7, 8, 12, 24\})$	2048
24	$\mathcal{O}(0; \{2^7, 3, 4, 6, 8, 12, 24\})$	96
24	$\mathcal{O}(0; \{2^3, 3^4, 4, 6, 8, 12, 24\})$	672
24	$\mathcal{O}(0; \{2^4, 3, 4^3, 6, 8, 12, 24\})$	384
24	$\mathcal{O}(0; \{3^4, 4^3, 6, 8, 12, 24\})$	2688
24	$\mathcal{O}(0; \{2, 3, 4^5, 6, 8, 12, 24\})$	1536
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^2, 8, 12, 24\})$	352
24	$\mathcal{O}(0; \{3^5, 4, 6^2, 8, 12, 24\})$	2720
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^2, 8, 12, 24\})$	1408
24	$\mathcal{O}(0; \{2^5, 4, 6^3, 8, 12, 24\})$	160
24	$\mathcal{O}(0; \{2, 3^3, 4, 6^3, 8, 12, 24\})$	1376

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^2, 4^3, 6^3, 8, 12, 24\})$	640
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^4, 8, 12, 24\})$	672
24	$\mathcal{O}(0; \{4, 6^6, 8, 12, 24\})$	1376
24	$\mathcal{O}(0; \{2^8, 8^3, 12, 24\})$	256
24	$\mathcal{O}(0; \{2^4, 3^3, 8^3, 12, 24\})$	1280
24	$\mathcal{O}(0; \{3^6, 8^3, 12, 24\})$	11008
24	$\mathcal{O}(0; \{2^5, 4^2, 8^3, 12, 24\})$	1024
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 8^3, 12, 24\})$	5120
24	$\mathcal{O}(0; \{2^2, 4^4, 8^3, 12, 24\})$	4096
24	$\mathcal{O}(0; \{2^5, 3, 6, 8^3, 12, 24\})$	768
24	$\mathcal{O}(0; \{2, 3^4, 6, 8^3, 12, 24\})$	5376
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 8^3, 12, 24\})$	3072
24	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 8^3, 12, 24\})$	2816
24	$\mathcal{O}(0; \{2^3, 6^3, 8^3, 12, 24\})$	1280
24	$\mathcal{O}(0; \{4^2, 6^3, 8^3, 12, 24\})$	5120
24	$\mathcal{O}(0; \{3, 6^4, 8^3, 12, 24\})$	5376
24	$\mathcal{O}(0; \{2^3, 4, 8^5, 12, 24\})$	8192
24	$\mathcal{O}(0; \{4^3, 8^5, 12, 24\})$	32768
24	$\mathcal{O}(0; \{3, 4, 6, 8^5, 12, 24\})$	24576
24	$\mathcal{O}(0; \{2, 8^7, 12, 24\})$	65536
24	$\mathcal{O}(0; \{2^7, 3^2, 8, 12^2, 24\})$	160
24	$\mathcal{O}(0; \{2^3, 3^5, 8, 12^2, 24\})$	1376
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 8, 12^2, 24\})$	640
24	$\mathcal{O}(0; \{3^5, 4^2, 8, 12^2, 24\})$	5504
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 8, 12^2, 24\})$	2560
24	$\mathcal{O}(0; \{2^8, 6, 8, 12^2, 24\})$	96
24	$\mathcal{O}(0; \{2^4, 3^3, 6, 8, 12^2, 24\})$	672
24	$\mathcal{O}(0; \{3^6, 6, 8, 12^2, 24\})$	5472
24	$\mathcal{O}(0; \{2^5, 4^2, 6, 8, 12^2, 24\})$	384
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6, 8, 12^2, 24\})$	2688
24	$\mathcal{O}(0; \{2^2, 4^4, 6, 8, 12^2, 24\})$	1536
24	$\mathcal{O}(0; \{2^5, 3, 6^2, 8, 12^2, 24\})$	352
24	$\mathcal{O}(0; \{2, 3^4, 6^2, 8, 12^2, 24\})$	2720
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^2, 8, 12^2, 24\})$	1408
24	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 8, 12^2, 24\})$	1376
24	$\mathcal{O}(0; \{2^3, 6^4, 8, 12^2, 24\})$	672
24	$\mathcal{O}(0; \{4^2, 6^4, 8, 12^2, 24\})$	2688
24	$\mathcal{O}(0; \{3, 6^5, 8, 12^2, 24\})$	2720
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 8^3, 12^2, 24\})$	5120
24	$\mathcal{O}(0; \{2^3, 4, 6, 8^3, 12^2, 24\})$	3072
24	$\mathcal{O}(0; \{4^3, 6, 8^3, 12^2, 24\})$	12288
24	$\mathcal{O}(0; \{3, 4, 6^2, 8^3, 12^2, 24\})$	11264
24	$\mathcal{O}(0; \{3^2, 8^5, 12^2, 24\})$	40960

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 6, 8^5, 12^2, 24\})$	24576
24	$\mathcal{O}(0; \{2^5, 3, 4, 8, 12^3, 24\})$	640
24	$\mathcal{O}(0; \{2, 3^4, 4, 8, 12^3, 24\})$	5504
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 8, 12^3, 24\})$	2560
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 8, 12^3, 24\})$	2688
24	$\mathcal{O}(0; \{2^3, 4, 6^2, 8, 12^3, 24\})$	1408
24	$\mathcal{O}(0; \{4^3, 6^2, 8, 12^3, 24\})$	5632
24	$\mathcal{O}(0; \{3, 4, 6^3, 8, 12^3, 24\})$	5504
24	$\mathcal{O}(0; \{2^3, 3, 8^3, 12^3, 24\})$	5120
24	$\mathcal{O}(0; \{3, 4^2, 8^3, 12^3, 24\})$	20480
24	$\mathcal{O}(0; \{3^2, 6, 8^3, 12^3, 24\})$	21504
24	$\mathcal{O}(0; \{2, 6^2, 8^3, 12^3, 24\})$	11264
24	$\mathcal{O}(0; \{2^6, 8, 12^4, 24\})$	640
24	$\mathcal{O}(0; \{2^2, 3^3, 8, 12^4, 24\})$	5504
24	$\mathcal{O}(0; \{2^3, 4^2, 8, 12^4, 24\})$	2560
24	$\mathcal{O}(0; \{4^4, 8, 12^4, 24\})$	10240
24	$\mathcal{O}(0; \{2^3, 3, 6, 8, 12^4, 24\})$	2688
24	$\mathcal{O}(0; \{3, 4^2, 6, 8, 12^4, 24\})$	10752
24	$\mathcal{O}(0; \{3^2, 6^2, 8, 12^4, 24\})$	10880
24	$\mathcal{O}(0; \{2, 6^3, 8, 12^4, 24\})$	5504
24	$\mathcal{O}(0; \{2, 4, 8^3, 12^4, 24\})$	20480
24	$\mathcal{O}(0; \{3^2, 4, 8, 12^5, 24\})$	22016
24	$\mathcal{O}(0; \{2, 4, 6, 8, 12^5, 24\})$	10752
24	$\mathcal{O}(0; \{2, 3, 8, 12^6, 24\})$	22016
24	$\mathcal{O}(0; \{2^9, 3^2, 4, 24^2\})$	48
24	$\mathcal{O}(0; \{2^5, 3^5, 4, 24^2\})$	336
24	$\mathcal{O}(0; \{2, 3^8, 4, 24^2\})$	2736
24	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 24^2\})$	192
24	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 24^2\})$	768
24	$\mathcal{O}(0; \{3^2, 4^7, 24^2\})$	3072
24	$\mathcal{O}(0; \{2^{10}, 4, 6, 24^2\})$	16
24	$\mathcal{O}(0; \{2^6, 3^3, 4, 6, 24^2\})$	176
24	$\mathcal{O}(0; \{2^2, 3^6, 4, 6, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^7, 4^3, 6, 24^2\})$	64
24	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6, 24^2\})$	704
24	$\mathcal{O}(0; \{2^4, 4^5, 6, 24^2\})$	256
24	$\mathcal{O}(0; \{3^3, 4^5, 6, 24^2\})$	2816
24	$\mathcal{O}(0; \{2, 4^7, 6, 24^2\})$	1024
24	$\mathcal{O}(0; \{2^7, 3, 4, 6^2, 24^2\})$	80
24	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^2, 24^2\})$	688
24	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^2, 24^2\})$	320
24	$\mathcal{O}(0; \{3^4, 4^3, 6^2, 24^2\})$	2752

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 3, 4^5, 6^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^3, 24^2\})$	336
24	$\mathcal{O}(0; \{3^5, 4, 6^3, 24^2\})$	2736
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^3, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^5, 4, 6^4, 24^2\})$	176
24	$\mathcal{O}(0; \{2, 3^3, 4, 6^4, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^2, 4^3, 6^4, 24^2\})$	704
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^5, 24^2\})$	688
24	$\mathcal{O}(0; \{4, 6^7, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^7, 3^2, 8^2, 24^2\})$	384
24	$\mathcal{O}(0; \{2^3, 3^5, 8^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 8^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{3^5, 4^2, 8^2, 24^2\})$	10752
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 8^2, 24^2\})$	6144
24	$\mathcal{O}(0; \{2^8, 6, 8^2, 24^2\})$	128
24	$\mathcal{O}(0; \{2^4, 3^3, 6, 8^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{3^6, 6, 8^2, 24^2\})$	10880
24	$\mathcal{O}(0; \{2^5, 4^2, 6, 8^2, 24^2\})$	512
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6, 8^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^2, 4^4, 6, 8^2, 24^2\})$	2048
24	$\mathcal{O}(0; \{2^5, 3, 6^2, 8^2, 24^2\})$	640
24	$\mathcal{O}(0; \{2, 3^4, 6^2, 8^2, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^2, 8^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 8^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^3, 6^4, 8^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{4^2, 6^4, 8^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{3, 6^5, 8^2, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 8^4, 24^2\})$	12288
24	$\mathcal{O}(0; \{2^3, 4, 6, 8^4, 24^2\})$	4096
24	$\mathcal{O}(0; \{4^3, 6, 8^4, 24^2\})$	16384
24	$\mathcal{O}(0; \{3, 4, 6^2, 8^4, 24^2\})$	20480
24	$\mathcal{O}(0; \{3^2, 8^6, 24^2\})$	98304
24	$\mathcal{O}(0; \{2, 6, 8^6, 24^2\})$	32768
24	$\mathcal{O}(0; \{2^{10}, 3, 12, 24^2\})$	48
24	$\mathcal{O}(0; \{2^6, 3^4, 12, 24^2\})$	336
24	$\mathcal{O}(0; \{2^2, 3^7, 12, 24^2\})$	2736
24	$\mathcal{O}(0; \{2^7, 3, 4^2, 12, 24^2\})$	192
24	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 12, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^4, 3, 4^4, 12, 24^2\})$	768
24	$\mathcal{O}(0; \{3^4, 4^4, 12, 24^2\})$	5376
24	$\mathcal{O}(0; \{2, 3, 4^6, 12, 24^2\})$	3072
24	$\mathcal{O}(0; \{2^7, 3^2, 6, 12, 24^2\})$	176
24	$\mathcal{O}(0; \{2^3, 3^5, 6, 12, 24^2\})$	1360

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6, 12, 24^2\})$	704
24	$\mathcal{O}(0; \{3^5, 4^2, 6, 12, 24^2\})$	5440
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 6, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^8, 6^2, 12, 24^2\})$	80
24	$\mathcal{O}(0; \{2^4, 3^3, 6^2, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{3^6, 6^2, 12, 24^2\})$	5456
24	$\mathcal{O}(0; \{2^5, 4^2, 6^2, 12, 24^2\})$	320
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^2, 12, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^2, 4^4, 6^2, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^5, 3, 6^3, 12, 24^2\})$	336
24	$\mathcal{O}(0; \{2, 3^4, 6^3, 12, 24^2\})$	2736
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^3, 12, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^2, 3^2, 6^4, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^3, 6^5, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{4^2, 6^5, 12, 24^2\})$	2752
24	$\mathcal{O}(0; \{3, 6^6, 12, 24^2\})$	2736
24	$\mathcal{O}(0; \{2^5, 3, 4, 8^2, 12, 24^2\})$	1536
24	$\mathcal{O}(0; \{2, 3^4, 4, 8^2, 12, 24^2\})$	10752
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 8^2, 12, 24^2\})$	6144
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 8^2, 12, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^3, 4, 6^2, 8^2, 12, 24^2\})$	2560
24	$\mathcal{O}(0; \{4^3, 6^2, 8^2, 12, 24^2\})$	10240
24	$\mathcal{O}(0; \{3, 4, 6^3, 8^2, 12, 24^2\})$	10752
24	$\mathcal{O}(0; \{2^3, 3, 8^4, 12, 24^2\})$	12288
24	$\mathcal{O}(0; \{3, 4^2, 8^4, 12, 24^2\})$	49152
24	$\mathcal{O}(0; \{3^2, 6, 8^4, 12, 24^2\})$	45056
24	$\mathcal{O}(0; \{2, 6^2, 8^4, 12, 24^2\})$	20480
24	$\mathcal{O}(0; \{2^8, 4, 12^2, 24^2\})$	192
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 12^2, 24^2\})$	1344
24	$\mathcal{O}(0; \{3^6, 4, 12^2, 24^2\})$	10944
24	$\mathcal{O}(0; \{2^5, 4^3, 12^2, 24^2\})$	768
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 12^2, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^2, 4^5, 12^2, 24^2\})$	3072
24	$\mathcal{O}(0; \{2^5, 3, 4, 6, 12^2, 24^2\})$	704
24	$\mathcal{O}(0; \{2, 3^4, 4, 6, 12^2, 24^2\})$	5440
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6, 12^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^2, 12^2, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^3, 4, 6^3, 12^2, 24^2\})$	1344
24	$\mathcal{O}(0; \{4^3, 6^3, 12^2, 24^2\})$	5376
24	$\mathcal{O}(0; \{3, 4, 6^4, 12^2, 24^2\})$	5440
24	$\mathcal{O}(0; \{2^6, 8^2, 12^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^2, 3^3, 8^2, 12^2, 24^2\})$	10752
24	$\mathcal{O}(0; \{2^3, 4^2, 8^2, 12^2, 24^2\})$	6144

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{4^4, 8^2, 12^2, 24^2\})$	24576
24	$\mathcal{O}(0; \{2^3, 3, 6, 8^2, 12^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{3, 4^2, 6, 8^2, 12^2, 24^2\})$	22528
24	$\mathcal{O}(0; \{3^2, 6^2, 8^2, 12^2, 24^2\})$	22016
24	$\mathcal{O}(0; \{2, 6^3, 8^2, 12^2, 24^2\})$	10752
24	$\mathcal{O}(0; \{2, 4, 8^4, 12^2, 24^2\})$	49152
24	$\mathcal{O}(0; \{2^5, 3^2, 12^3, 24^2\})$	1344
24	$\mathcal{O}(0; \{2, 3^5, 12^3, 24^2\})$	10944
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 12^3, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^6, 6, 12^3, 24^2\})$	704
24	$\mathcal{O}(0; \{2^2, 3^3, 6, 12^3, 24^2\})$	5440
24	$\mathcal{O}(0; \{2^3, 4^2, 6, 12^3, 24^2\})$	2816
24	$\mathcal{O}(0; \{4^4, 6, 12^3, 24^2\})$	11264
24	$\mathcal{O}(0; \{2^3, 3, 6^2, 12^3, 24^2\})$	2752
24	$\mathcal{O}(0; \{3, 4^2, 6^2, 12^3, 24^2\})$	11008
24	$\mathcal{O}(0; \{3^2, 6^3, 12^3, 24^2\})$	10944
24	$\mathcal{O}(0; \{2, 6^4, 12^3, 24^2\})$	5440
24	$\mathcal{O}(0; \{3^2, 4, 8^2, 12^3, 24^2\})$	43008
24	$\mathcal{O}(0; \{2, 4, 6, 8^2, 12^3, 24^2\})$	22528
24	$\mathcal{O}(0; \{2^3, 3, 4, 12^4, 24^2\})$	5376
24	$\mathcal{O}(0; \{3, 4^3, 12^4, 24^2\})$	21504
24	$\mathcal{O}(0; \{3^2, 4, 6, 12^4, 24^2\})$	21760
24	$\mathcal{O}(0; \{2, 4, 6^2, 12^4, 24^2\})$	11008
24	$\mathcal{O}(0; \{2, 3, 8^2, 12^4, 24^2\})$	43008
24	$\mathcal{O}(0; \{2^4, 12^5, 24^2\})$	5376
24	$\mathcal{O}(0; \{3^3, 12^5, 24^2\})$	43776
24	$\mathcal{O}(0; \{2, 4^2, 12^5, 24^2\})$	21504
24	$\mathcal{O}(0; \{2, 3, 6, 12^5, 24^2\})$	21760
24	$\mathcal{O}(0; \{2^8, 4, 8, 24^3\})$	256
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 8, 24^3\})$	2816
24	$\mathcal{O}(0; \{3^6, 4, 8, 24^3\})$	21760
24	$\mathcal{O}(0; \{2^5, 4^3, 8, 24^3\})$	1024
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 8, 24^3\})$	11264
24	$\mathcal{O}(0; \{2^2, 4^5, 8, 24^3\})$	4096
24	$\mathcal{O}(0; \{2^5, 3, 4, 6, 8, 24^3\})$	1280
24	$\mathcal{O}(0; \{2, 3^4, 4, 6, 8, 24^3\})$	11008
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6, 8, 24^3\})$	5120
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^2, 8, 24^3\})$	5376
24	$\mathcal{O}(0; \{2^3, 4, 6^3, 8, 24^3\})$	2816
24	$\mathcal{O}(0; \{4^3, 6^3, 8, 24^3\})$	11264
24	$\mathcal{O}(0; \{3, 4, 6^4, 8, 24^3\})$	11008
24	$\mathcal{O}(0; \{2^6, 8^3, 24^3\})$	2048
24	$\mathcal{O}(0; \{2^2, 3^3, 8^3, 24^3\})$	22528

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^3, 4^2, 8^3, 24^3\})$	8192
24	$\mathcal{O}(0; \{4^4, 8^3, 24^3\})$	32768
24	$\mathcal{O}(0; \{2^3, 3, 6, 8^3, 24^3\})$	10240
24	$\mathcal{O}(0; \{3, 4^2, 6, 8^3, 24^3\})$	40960
24	$\mathcal{O}(0; \{3^2, 6^2, 8^3, 24^3\})$	43008
24	$\mathcal{O}(0; \{2, 6^3, 8^3, 24^3\})$	22528
24	$\mathcal{O}(0; \{2, 4, 8^5, 24^3\})$	65536
24	$\mathcal{O}(0; \{2^5, 3^2, 8, 12, 24^3\})$	2816
24	$\mathcal{O}(0; \{2, 3^5, 8, 12, 24^3\})$	21760
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 8, 12, 24^3\})$	11264
24	$\mathcal{O}(0; \{2^6, 6, 8, 12, 24^3\})$	1280
24	$\mathcal{O}(0; \{2^2, 3^3, 6, 8, 12, 24^3\})$	11008
24	$\mathcal{O}(0; \{2^3, 4^2, 6, 8, 12, 24^3\})$	5120
24	$\mathcal{O}(0; \{4^4, 6, 8, 12, 24^3\})$	20480
24	$\mathcal{O}(0; \{2^3, 3, 6^2, 8, 12, 24^3\})$	5376
24	$\mathcal{O}(0; \{3, 4^2, 6^2, 8, 12, 24^3\})$	21504
24	$\mathcal{O}(0; \{3^2, 6^3, 8, 12, 24^3\})$	21760
24	$\mathcal{O}(0; \{2, 6^4, 8, 12, 24^3\})$	11008
24	$\mathcal{O}(0; \{3^2, 4, 8^3, 12, 24^3\})$	90112
24	$\mathcal{O}(0; \{2, 4, 6, 8^3, 12, 24^3\})$	40960
24	$\mathcal{O}(0; \{2^3, 3, 4, 8, 12^2, 24^3\})$	11264
24	$\mathcal{O}(0; \{3, 4^3, 8, 12^2, 24^3\})$	45056
24	$\mathcal{O}(0; \{3^2, 4, 6, 8, 12^2, 24^3\})$	44032
24	$\mathcal{O}(0; \{2, 4, 6^2, 8, 12^2, 24^3\})$	21504
24	$\mathcal{O}(0; \{2, 3, 8^3, 12^2, 24^3\})$	90112
24	$\mathcal{O}(0; \{2^4, 8, 12^3, 24^3\})$	11264
24	$\mathcal{O}(0; \{3^3, 8, 12^3, 24^3\})$	87040
24	$\mathcal{O}(0; \{2, 4^2, 8, 12^3, 24^3\})$	45056
24	$\mathcal{O}(0; \{2, 3, 6, 8, 12^3, 24^3\})$	44032
24	$\mathcal{O}(0; \{2^8, 3, 24^4\})$	640
24	$\mathcal{O}(0; \{2^4, 3^4, 24^4\})$	5504
24	$\mathcal{O}(0; \{3^7, 24^4\})$	43648
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 24^4\})$	2560
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 24^4\})$	22016
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 24^4\})$	10240
24	$\mathcal{O}(0; \{2^5, 3^2, 6, 24^4\})$	2688
24	$\mathcal{O}(0; \{2, 3^5, 6, 24^4\})$	21888
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6, 24^4\})$	10752
24	$\mathcal{O}(0; \{2^6, 6^2, 24^4\})$	1408
24	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 24^4\})$	10880
24	$\mathcal{O}(0; \{2^3, 4^2, 6^2, 24^4\})$	5632
24	$\mathcal{O}(0; \{4^4, 6^2, 24^4\})$	22528
24	$\mathcal{O}(0; \{2^3, 3, 6^3, 24^4\})$	5504

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3, 4^2, 6^3, 24^4\})$	22016
24	$\mathcal{O}(0; \{3^2, 6^4, 24^4\})$	21888
24	$\mathcal{O}(0; \{2, 6^5, 24^4\})$	10880
24	$\mathcal{O}(0; \{2^3, 3, 4, 8^2, 24^4\})$	20480
24	$\mathcal{O}(0; \{3, 4^3, 8^2, 24^4\})$	81920
24	$\mathcal{O}(0; \{3^2, 4, 6, 8^2, 24^4\})$	86016
24	$\mathcal{O}(0; \{2, 4, 6^2, 8^2, 24^4\})$	45056
24	$\mathcal{O}(0; \{2, 3, 8^4, 24^4\})$	163840
24	$\mathcal{O}(0; \{2^6, 4, 12, 24^4\})$	2560
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 12, 24^4\})$	22016
24	$\mathcal{O}(0; \{2^3, 4^3, 12, 24^4\})$	10240
24	$\mathcal{O}(0; \{4^5, 12, 24^4\})$	40960
24	$\mathcal{O}(0; \{2^3, 3, 4, 6, 12, 24^4\})$	10752
24	$\mathcal{O}(0; \{3, 4^3, 6, 12, 24^4\})$	43008
24	$\mathcal{O}(0; \{3^2, 4, 6^2, 12, 24^4\})$	43520
24	$\mathcal{O}(0; \{2, 4, 6^3, 12, 24^4\})$	22016
24	$\mathcal{O}(0; \{2^4, 8^2, 12, 24^4\})$	20480
24	$\mathcal{O}(0; \{3^3, 8^2, 12, 24^4\})$	176128
24	$\mathcal{O}(0; \{2, 4^2, 8^2, 12, 24^4\})$	81920
24	$\mathcal{O}(0; \{2, 3, 6, 8^2, 12, 24^4\})$	86016
24	$\mathcal{O}(0; \{2^3, 3^2, 12^2, 24^4\})$	22016
24	$\mathcal{O}(0; \{3^2, 4^2, 12^2, 24^4\})$	88064
24	$\mathcal{O}(0; \{2^4, 6, 12^2, 24^4\})$	10752
24	$\mathcal{O}(0; \{3^3, 6, 12^2, 24^4\})$	87552
24	$\mathcal{O}(0; \{2, 4^2, 6, 12^2, 24^4\})$	43008
24	$\mathcal{O}(0; \{2, 3, 6^2, 12^2, 24^4\})$	43520
24	$\mathcal{O}(0; \{2, 3, 4, 12^3, 24^4\})$	88064
24	$\mathcal{O}(0; \{2^2, 12^4, 24^4\})$	88064
24	$\mathcal{O}(0; \{2^3, 3^2, 8, 24^5\})$	43008
24	$\mathcal{O}(0; \{3^2, 4^2, 8, 24^5\})$	172032
24	$\mathcal{O}(0; \{2^4, 6, 8, 24^5\})$	22528
24	$\mathcal{O}(0; \{3^3, 6, 8, 24^5\})$	174080
24	$\mathcal{O}(0; \{2, 4^2, 6, 8, 24^5\})$	90112
24	$\mathcal{O}(0; \{2, 3, 6^2, 8, 24^5\})$	88064
24	$\mathcal{O}(0; \{2, 3, 4, 8, 12, 24^5\})$	172032
24	$\mathcal{O}(0; \{2^2, 8, 12^2, 24^5\})$	172032
24	$\mathcal{O}(0; \{2^4, 4, 24^6\})$	45056
24	$\mathcal{O}(0; \{3^3, 4, 24^6\})$	348160
24	$\mathcal{O}(0; \{2, 4^3, 24^6\})$	180224
24	$\mathcal{O}(0; \{2, 3, 4, 6, 24^6\})$	176128
24	$\mathcal{O}(0; \{2^2, 8^2, 24^6\})$	360448
24	$\mathcal{O}(0; \{2, 3^2, 12, 24^6\})$	348160
24	$\mathcal{O}(0; \{2^2, 6, 12, 24^6\})$	176128

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^3, 24^6\})$	1392640
24	$\mathcal{O}(0; \{8, 12, 24^7\})$	2818048
24	$\mathcal{O}(0; \{6, 24^8\})$	2785280
25	$\mathcal{O}(1; \{5^3, 25^4\})$	260000000
26	$\mathcal{O}(4; \emptyset)$	208011333600
26	$\mathcal{O}(3; \{2^4\})$	308915712
26	$\mathcal{O}(2; \{2^8\})$	456960
26	$\mathcal{O}(1; \{2^{12}\})$	672
26	$\mathcal{O}(0; \{2^3, 13^6, 26\})$	2756292
26	$\mathcal{O}(0; \{2, 13^5, 26^3\})$	33075516
27	$\mathcal{O}(3; \{9^2\})$	2321334288
27	$\mathcal{O}(2; \{3^3, 9^2\})$	25194240
27	$\mathcal{O}(2; \{9, 27^3\})$	516560652
27	$\mathcal{O}(1; \{3^6, 9^2\})$	248832
27	$\mathcal{O}(1; \{3^2, 9^5\})$	2099520
27	$\mathcal{O}(1; \{3^3, 9, 27^3\})$	5668704
27	$\mathcal{O}(1; \{27^6\})$	947027862
27	$\mathcal{O}(0; \{3^6, 9, 27^3\})$	62208
27	$\mathcal{O}(0; \{3^2, 9^4, 27^3\})$	839808
27	$\mathcal{O}(0; \{3^3, 27^6\})$	10392624
28	$\mathcal{O}(2; \{2^2, 7^3\})$	17287200
28	$\mathcal{O}(2; \{7^2, 14^2\})$	107180640
28	$\mathcal{O}(2; \{2^2, 4, 7, 28\})$	7375872
28	$\mathcal{O}(2; \{4, 14^2, 28\})$	36879360
28	$\mathcal{O}(1; \{2^6, 7^3\})$	17640
28	$\mathcal{O}(1; \{2^3, 4^2, 7^3\})$	47040
28	$\mathcal{O}(1; \{4^4, 7^3\})$	188160
28	$\mathcal{O}(1; \{2^4, 7^2, 14^2\})$	109368
28	$\mathcal{O}(1; \{2, 4^2, 7^2, 14^2\})$	291648
28	$\mathcal{O}(1; \{2^2, 7, 14^4\})$	652680
28	$\mathcal{O}(1; \{14^6\})$	3919608
28	$\mathcal{O}(1; \{2^6, 4, 7, 28\})$	9408
28	$\mathcal{O}(1; \{2^3, 4^3, 7, 28\})$	37632
28	$\mathcal{O}(1; \{4^5, 7, 28\})$	150528
28	$\mathcal{O}(1; \{2^4, 4, 14^2, 28\})$	47040
28	$\mathcal{O}(1; \{2, 4^3, 14^2, 28\})$	188160
28	$\mathcal{O}(1; \{2^2, 7^2, 14, 28^2\})$	1740480
28	$\mathcal{O}(1; \{7, 14^3, 28^2\})$	10452288
28	$\mathcal{O}(1; \{2^2, 4, 14, 28^3\})$	1166592
28	$\mathcal{O}(1; \{7^2, 28^4\})$	41809152
28	$\mathcal{O}(1; \{4, 28^5\})$	27847680
28	$\mathcal{O}(0; \{2^7, 4^2, 7^3\})$	60
28	$\mathcal{O}(0; \{2^4, 4^4, 7^3\})$	240

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{2, 4^6, 7^3\})$	960
28	$\mathcal{O}(0; \{4^2, 7^6, 14\})$	79980
28	$\mathcal{O}(0; \{2^5, 4^2, 7^2, 14^2\})$	372
28	$\mathcal{O}(0; \{2^2, 4^4, 7^2, 14^2\})$	1488
28	$\mathcal{O}(0; \{2^3, 4^2, 7, 14^4\})$	2220
28	$\mathcal{O}(0; \{4^4, 7, 14^4\})$	8880
28	$\mathcal{O}(0; \{2, 4^2, 14^6\})$	13332
28	$\mathcal{O}(0; \{2^{10}, 4, 7, 28\})$	12
28	$\mathcal{O}(0; \{2^7, 4^3, 7, 28\})$	48
28	$\mathcal{O}(0; \{2^4, 4^5, 7, 28\})$	192
28	$\mathcal{O}(0; \{2, 4^7, 7, 28\})$	768
28	$\mathcal{O}(0; \{2^3, 4, 7^4, 14, 28\})$	13332
28	$\mathcal{O}(0; \{4^3, 7^4, 14, 28\})$	53328
28	$\mathcal{O}(0; \{2^8, 4, 14^2, 28\})$	60
28	$\mathcal{O}(0; \{2^5, 4^3, 14^2, 28\})$	240
28	$\mathcal{O}(0; \{2^2, 4^5, 14^2, 28\})$	960
28	$\mathcal{O}(0; \{2, 4, 7^3, 14^3, 28\})$	79980
28	$\mathcal{O}(0; \{2, 7^6, 28^2\})$	479892
28	$\mathcal{O}(0; \{2^6, 7^2, 14, 28^2\})$	2220
28	$\mathcal{O}(0; \{2^3, 4^2, 7^2, 14, 28^2\})$	8880
28	$\mathcal{O}(0; \{4^4, 7^2, 14, 28^2\})$	35520
28	$\mathcal{O}(0; \{2^4, 7, 14^3, 28^2\})$	13332
28	$\mathcal{O}(0; \{2, 4^2, 7, 14^3, 28^2\})$	53328
28	$\mathcal{O}(0; \{2^2, 14^5, 28^2\})$	79980
28	$\mathcal{O}(0; \{2, 4, 7^4, 28^3\})$	319920
28	$\mathcal{O}(0; \{2^6, 4, 14, 28^3\})$	1488
28	$\mathcal{O}(0; \{2^3, 4^3, 14, 28^3\})$	5952
28	$\mathcal{O}(0; \{4^5, 14, 28^3\})$	23808
28	$\mathcal{O}(0; \{2^4, 7^2, 28^4\})$	53328
28	$\mathcal{O}(0; \{2, 4^2, 7^2, 28^4\})$	213312
28	$\mathcal{O}(0; \{2^2, 7, 14^2, 28^4\})$	319920
28	$\mathcal{O}(0; \{14^4, 28^4\})$	1919568
28	$\mathcal{O}(0; \{2^4, 4, 28^5\})$	35520
28	$\mathcal{O}(0; \{2, 4^3, 28^5\})$	142080
28	$\mathcal{O}(0; \{7, 14, 28^6\})$	7678272
30	$\mathcal{O}(2; \{5^4\})$	39000000
30	$\mathcal{O}(2; \{2^3, 5, 10\})$	3200000
30	$\mathcal{O}(2; \{3, 5, 6, 10\})$	6480000
30	$\mathcal{O}(2; \{2, 10^3\})$	9600000
30	$\mathcal{O}(2; \{3, 5^2, 15\})$	18225000
30	$\mathcal{O}(2; \{3^2, 15^2\})$	18225000
30	$\mathcal{O}(2; \{2, 6, 15^2\})$	6480000
30	$\mathcal{O}(2; \{3^2, 10, 30\})$	6480000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(2; \{2, 6, 10, 30\})$	6480000
30	$\mathcal{O}(2; \{2, 5, 15, 30\})$	19440000
30	$\mathcal{O}(1; \{2^4, 5^4\})$	41600
30	$\mathcal{O}(1; \{3^3, 5^4\})$	70200
30	$\mathcal{O}(1; \{2, 3, 5^4, 6\})$	93600
30	$\mathcal{O}(1; \{2^7, 5, 10\})$	3200
30	$\mathcal{O}(1; \{2^3, 3^3, 5, 10\})$	7200
30	$\mathcal{O}(1; \{2^4, 3, 5, 6, 10\})$	7200
30	$\mathcal{O}(1; \{3^4, 5, 6, 10\})$	36000
30	$\mathcal{O}(1; \{2, 3^2, 5, 6^2, 10\})$	21600
30	$\mathcal{O}(1; \{2^2, 5, 6^3, 10\})$	7200
30	$\mathcal{O}(1; \{2^2, 5^3, 10^2\})$	163200
30	$\mathcal{O}(1; \{2^5, 10^3\})$	9600
30	$\mathcal{O}(1; \{2, 3^3, 10^3\})$	21600
30	$\mathcal{O}(1; \{2^2, 3, 6, 10^3\})$	21600
30	$\mathcal{O}(1; \{6^3, 10^3\})$	21600
30	$\mathcal{O}(1; \{5^2, 10^4\})$	656000
30	$\mathcal{O}(1; \{2^4, 3, 5^2, 15\})$	21600
30	$\mathcal{O}(1; \{3^4, 5^2, 15\})$	81000
30	$\mathcal{O}(1; \{2, 3^2, 5^2, 6, 15\})$	64800
30	$\mathcal{O}(1; \{2^2, 5^2, 6^2, 15\})$	21600
30	$\mathcal{O}(1; \{2^2, 3, 5, 10^2, 15\})$	93600
30	$\mathcal{O}(1; \{5, 6^2, 10^2, 15\})$	93600
30	$\mathcal{O}(1; \{3, 10^4, 15\})$	367200
30	$\mathcal{O}(1; \{2^4, 3^2, 15^2\})$	21600
30	$\mathcal{O}(1; \{3^5, 15^2\})$	113400
30	$\mathcal{O}(1; \{2^5, 6, 15^2\})$	7200
30	$\mathcal{O}(1; \{2, 3^3, 6, 15^2\})$	79200
30	$\mathcal{O}(1; \{2^2, 3, 6^2, 15^2\})$	36000
30	$\mathcal{O}(1; \{6^4, 15^2\})$	79200
30	$\mathcal{O}(1; \{5^2, 6, 10, 15^2\})$	367200
30	$\mathcal{O}(1; \{5^3, 15^3\})$	1107000
30	$\mathcal{O}(1; \{2^3, 10, 15^3\})$	93600
30	$\mathcal{O}(1; \{3, 6, 10, 15^3\})$	468000
30	$\mathcal{O}(1; \{3, 5, 15^4\})$	1377000
30	$\mathcal{O}(1; \{2, 3^2, 5^3, 30\})$	93600
30	$\mathcal{O}(1; \{2^2, 5^3, 6, 30\})$	93600
30	$\mathcal{O}(1; \{2^4, 3^2, 10, 30\})$	7200
30	$\mathcal{O}(1; \{3^5, 10, 30\})$	79200
30	$\mathcal{O}(1; \{2^5, 6, 10, 30\})$	7200
30	$\mathcal{O}(1; \{2, 3^3, 6, 10, 30\})$	36000
30	$\mathcal{O}(1; \{2^2, 3, 6^2, 10, 30\})$	21600
30	$\mathcal{O}(1; \{6^4, 10, 30\})$	36000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{5^2, 6, 10^2, 30\})$	367200
30	$\mathcal{O}(1; \{2^5, 5, 15, 30\})$	21600
30	$\mathcal{O}(1; \{2, 3^3, 5, 15, 30\})$	108000
30	$\mathcal{O}(1; \{2^2, 3, 5, 6, 15, 30\})$	64800
30	$\mathcal{O}(1; \{5, 6^3, 15, 30\})$	108000
30	$\mathcal{O}(1; \{5^3, 10, 15, 30\})$	1476000
30	$\mathcal{O}(1; \{2^3, 10^2, 15, 30\})$	93600
30	$\mathcal{O}(1; \{3, 6, 10^2, 15, 30\})$	280800
30	$\mathcal{O}(1; \{3, 5, 10, 15^2, 30\})$	1101600
30	$\mathcal{O}(1; \{2, 15^4, 30\})$	1836000
30	$\mathcal{O}(1; \{2^2, 3, 5^2, 30^2\})$	93600
30	$\mathcal{O}(1; \{5^2, 6^2, 30^2\})$	280800
30	$\mathcal{O}(1; \{3, 5, 10^2, 30^2\})$	367200
30	$\mathcal{O}(1; \{2^2, 3^2, 15, 30^2\})$	108000
30	$\mathcal{O}(1; \{2^3, 6, 15, 30^2\})$	64800
30	$\mathcal{O}(1; \{3, 6^2, 15, 30^2\})$	237600
30	$\mathcal{O}(1; \{2, 10, 15^2, 30^2\})$	1101600
30	$\mathcal{O}(1; \{2^3, 5, 30^3\})$	93600
30	$\mathcal{O}(1; \{3, 5, 6, 30^3\})$	468000
30	$\mathcal{O}(1; \{2, 10^2, 30^3\})$	367200
30	$\mathcal{O}(1; \{3^2, 30^4\})$	1029600
30	$\mathcal{O}(1; \{2, 6, 30^4\})$	468000
30	$\mathcal{O}(0; \{2^4, 3^3, 5^4\})$	104
30	$\mathcal{O}(0; \{2^5, 3, 5^4, 6\})$	104
30	$\mathcal{O}(0; \{2, 3^4, 5^4, 6\})$	520
30	$\mathcal{O}(0; \{2^2, 3^2, 5^4, 6^2\})$	312
30	$\mathcal{O}(0; \{2^3, 5^4, 6^3\})$	104
30	$\mathcal{O}(0; \{3, 5^4, 6^4\})$	520
30	$\mathcal{O}(0; \{2^7, 3^3, 5, 10\})$	8
30	$\mathcal{O}(0; \{2^3, 3^6, 5, 10\})$	88
30	$\mathcal{O}(0; \{2^8, 3, 5, 6, 10\})$	8
30	$\mathcal{O}(0; \{2^4, 3^4, 5, 6, 10\})$	40
30	$\mathcal{O}(0; \{3^7, 5, 6, 10\})$	344
30	$\mathcal{O}(0; \{3, 5^6, 6, 10\})$	6552
30	$\mathcal{O}(0; \{2^5, 3^2, 5, 6^2, 10\})$	24
30	$\mathcal{O}(0; \{2, 3^5, 5, 6^2, 10\})$	168
30	$\mathcal{O}(0; \{2^6, 5, 6^3, 10\})$	8
30	$\mathcal{O}(0; \{2^2, 3^3, 5, 6^3, 10\})$	88
30	$\mathcal{O}(0; \{2^3, 3, 5, 6^4, 10\})$	40
30	$\mathcal{O}(0; \{3^2, 5, 6^5, 10\})$	168
30	$\mathcal{O}(0; \{2, 5, 6^6, 10\})$	88
30	$\mathcal{O}(0; \{2^2, 3^3, 5^3, 10^2\})$	408
30	$\mathcal{O}(0; \{2^3, 3, 5^3, 6, 10^2\})$	408

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{3^2, 5^3, 6^2, 10^2\})$	1224
30	$\mathcal{O}(0; \{2, 5^3, 6^3, 10^2\})$	408
30	$\mathcal{O}(0; \{2^5, 3^3, 10^3\})$	24
30	$\mathcal{O}(0; \{2, 3^6, 10^3\})$	264
30	$\mathcal{O}(0; \{2^6, 3, 6, 10^3\})$	24
30	$\mathcal{O}(0; \{2^2, 3^4, 6, 10^3\})$	120
30	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 10^3\})$	72
30	$\mathcal{O}(0; \{2^4, 6^3, 10^3\})$	24
30	$\mathcal{O}(0; \{3^3, 6^3, 10^3\})$	264
30	$\mathcal{O}(0; \{2, 3, 6^4, 10^3\})$	120
30	$\mathcal{O}(0; \{3^3, 5^2, 10^4\})$	1640
30	$\mathcal{O}(0; \{2, 3, 5^2, 6, 10^4\})$	1640
30	$\mathcal{O}(0; \{2^8, 3, 5^2, 15\})$	24
30	$\mathcal{O}(0; \{2^4, 3^4, 5^2, 15\})$	120
30	$\mathcal{O}(0; \{2^5, 3^2, 5^2, 6, 15\})$	72
30	$\mathcal{O}(0; \{2, 3^5, 5^2, 6, 15\})$	504
30	$\mathcal{O}(0; \{2^6, 5^2, 6^2, 15\})$	24
30	$\mathcal{O}(0; \{2^2, 3^3, 5^2, 6^2, 15\})$	264
30	$\mathcal{O}(0; \{2^3, 3, 5^2, 6^3, 15\})$	120
30	$\mathcal{O}(0; \{3^2, 5^2, 6^4, 15\})$	504
30	$\mathcal{O}(0; \{2, 5^2, 6^5, 15\})$	264
30	$\mathcal{O}(0; \{2^3, 3, 5^4, 10, 15\})$	1640
30	$\mathcal{O}(0; \{3^2, 5^4, 6, 10, 15\})$	4920
30	$\mathcal{O}(0; \{2, 5^4, 6^2, 10, 15\})$	1640
30	$\mathcal{O}(0; \{2^6, 3, 5, 10^2, 15\})$	104
30	$\mathcal{O}(0; \{2^2, 3^4, 5, 10^2, 15\})$	520
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 6, 10^2, 15\})$	312
30	$\mathcal{O}(0; \{2^4, 5, 6^2, 10^2, 15\})$	104
30	$\mathcal{O}(0; \{3^3, 5, 6^2, 10^2, 15\})$	1144
30	$\mathcal{O}(0; \{2, 3, 5, 6^3, 10^2, 15\})$	520
30	$\mathcal{O}(0; \{2, 3, 5^3, 10^3, 15\})$	6552
30	$\mathcal{O}(0; \{2^4, 3, 10^4, 15\})$	408
30	$\mathcal{O}(0; \{3^4, 10^4, 15\})$	2040
30	$\mathcal{O}(0; \{2, 3^2, 6, 10^4, 15\})$	1224
30	$\mathcal{O}(0; \{2^2, 6^2, 10^4, 15\})$	408
30	$\mathcal{O}(0; \{2^8, 3^2, 15^2\})$	24
30	$\mathcal{O}(0; \{2^4, 3^5, 15^2\})$	168
30	$\mathcal{O}(0; \{2^9, 6, 15^2\})$	8
30	$\mathcal{O}(0; \{2^5, 3^3, 6, 15^2\})$	88
30	$\mathcal{O}(0; \{2, 3^6, 6, 15^2\})$	680
30	$\mathcal{O}(0; \{2, 5^5, 6, 15^2\})$	6552
30	$\mathcal{O}(0; \{2^6, 3, 6^2, 15^2\})$	40
30	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 15^2\})$	344

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 15^2\})$	168
30	$\mathcal{O}(0; \{2^4, 6^4, 15^2\})$	88
30	$\mathcal{O}(0; \{3^3, 6^4, 15^2\})$	680
30	$\mathcal{O}(0; \{2, 3, 6^5, 15^2\})$	344
30	$\mathcal{O}(0; \{2^3, 3^2, 5^2, 10, 15^2\})$	1224
30	$\mathcal{O}(0; \{2^4, 5^2, 6, 10, 15^2\})$	408
30	$\mathcal{O}(0; \{3^3, 5^2, 6, 10, 15^2\})$	4488
30	$\mathcal{O}(0; \{2, 3, 5^2, 6^2, 10, 15^2\})$	2040
30	$\mathcal{O}(0; \{2, 3^2, 5, 10^3, 15^2\})$	4920
30	$\mathcal{O}(0; \{2^2, 5, 6, 10^3, 15^2\})$	1640
30	$\mathcal{O}(0; \{6, 10^5, 15^2\})$	6552
30	$\mathcal{O}(0; \{2^4, 5^3, 15^3\})$	1640
30	$\mathcal{O}(0; \{2, 3, 5^3, 6, 15^3\})$	8200
30	$\mathcal{O}(0; \{2^7, 10, 15^3\})$	104
30	$\mathcal{O}(0; \{2^3, 3^3, 10, 15^3\})$	1144
30	$\mathcal{O}(0; \{2^4, 3, 6, 10, 15^3\})$	520
30	$\mathcal{O}(0; \{3^4, 6, 10, 15^3\})$	4472
30	$\mathcal{O}(0; \{2, 3^2, 6^2, 10, 15^3\})$	2184
30	$\mathcal{O}(0; \{2^2, 6^3, 10, 15^3\})$	1144
30	$\mathcal{O}(0; \{2^2, 5^2, 10^2, 15^3\})$	6552
30	$\mathcal{O}(0; \{5, 10^4, 15^3\})$	26216
30	$\mathcal{O}(0; \{2^4, 3, 5, 15^4\})$	2040
30	$\mathcal{O}(0; \{2, 3^2, 5, 6, 15^4\})$	8568
30	$\mathcal{O}(0; \{2^2, 5, 6^2, 15^4\})$	4488
30	$\mathcal{O}(0; \{2^2, 3, 10^2, 15^4\})$	8200
30	$\mathcal{O}(0; \{6^2, 10^2, 15^4\})$	18040
30	$\mathcal{O}(0; \{5, 6, 10, 15^5\})$	72072
30	$\mathcal{O}(0; \{2^5, 3^2, 5^3, 30\})$	104
30	$\mathcal{O}(0; \{2, 3^5, 5^3, 30\})$	1144
30	$\mathcal{O}(0; \{2^6, 5^3, 6, 30\})$	104
30	$\mathcal{O}(0; \{2^2, 3^3, 5^3, 6, 30\})$	520
30	$\mathcal{O}(0; \{2^3, 3, 5^3, 6^2, 30\})$	312
30	$\mathcal{O}(0; \{3^2, 5^3, 6^3, 30\})$	1144
30	$\mathcal{O}(0; \{2, 5^3, 6^4, 30\})$	520
30	$\mathcal{O}(0; \{2^8, 3^2, 10, 30\})$	8
30	$\mathcal{O}(0; \{2^4, 3^5, 10, 30\})$	88
30	$\mathcal{O}(0; \{3^8, 10, 30\})$	680
30	$\mathcal{O}(0; \{3^2, 5^5, 10, 30\})$	6552
30	$\mathcal{O}(0; \{2^9, 6, 10, 30\})$	8
30	$\mathcal{O}(0; \{2^5, 3^3, 6, 10, 30\})$	40
30	$\mathcal{O}(0; \{2, 3^6, 6, 10, 30\})$	344
30	$\mathcal{O}(0; \{2, 5^5, 6, 10, 30\})$	6552
30	$\mathcal{O}(0; \{2^6, 3, 6^2, 10, 30\})$	24

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 10, 30\})$	168
30	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 10, 30\})$	88
30	$\mathcal{O}(0; \{2^4, 6^4, 10, 30\})$	40
30	$\mathcal{O}(0; \{3^3, 6^4, 10, 30\})$	344
30	$\mathcal{O}(0; \{2, 3, 6^5, 10, 30\})$	168
30	$\mathcal{O}(0; \{2^3, 3^2, 5^2, 10^2, 30\})$	408
30	$\mathcal{O}(0; \{2^4, 5^2, 6, 10^2, 30\})$	408
30	$\mathcal{O}(0; \{3^3, 5^2, 6, 10^2, 30\})$	2040
30	$\mathcal{O}(0; \{2, 3, 5^2, 6^2, 10^2, 30\})$	1224
30	$\mathcal{O}(0; \{2, 3^2, 5, 10^4, 30\})$	1640
30	$\mathcal{O}(0; \{2^2, 5, 6, 10^4, 30\})$	1640
30	$\mathcal{O}(0; \{6, 10^6, 30\})$	6552
30	$\mathcal{O}(0; \{2^9, 5, 15, 30\})$	24
30	$\mathcal{O}(0; \{2^5, 3^3, 5, 15, 30\})$	120
30	$\mathcal{O}(0; \{2, 3^6, 5, 15, 30\})$	1032
30	$\mathcal{O}(0; \{2, 5^6, 15, 30\})$	26216
30	$\mathcal{O}(0; \{2^6, 3, 5, 6, 15, 30\})$	72
30	$\mathcal{O}(0; \{2^2, 3^4, 5, 6, 15, 30\})$	504
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 6^2, 15, 30\})$	264
30	$\mathcal{O}(0; \{2^4, 5, 6^3, 15, 30\})$	120
30	$\mathcal{O}(0; \{3^3, 5, 6^3, 15, 30\})$	1032
30	$\mathcal{O}(0; \{2, 3, 5, 6^4, 15, 30\})$	504
30	$\mathcal{O}(0; \{2^4, 5^3, 10, 15, 30\})$	1640
30	$\mathcal{O}(0; \{3^3, 5^3, 10, 15, 30\})$	8200
30	$\mathcal{O}(0; \{2, 3, 5^3, 6, 10, 15, 30\})$	4920
30	$\mathcal{O}(0; \{2^7, 10^2, 15, 30\})$	104
30	$\mathcal{O}(0; \{2^3, 3^3, 10^2, 15, 30\})$	520
30	$\mathcal{O}(0; \{2^4, 3, 6, 10^2, 15, 30\})$	312
30	$\mathcal{O}(0; \{3^4, 6, 10^2, 15, 30\})$	2184
30	$\mathcal{O}(0; \{2, 3^2, 6^2, 10^2, 15, 30\})$	1144
30	$\mathcal{O}(0; \{2^2, 6^3, 10^2, 15, 30\})$	520
30	$\mathcal{O}(0; \{2^2, 5^2, 10^3, 15, 30\})$	6552
30	$\mathcal{O}(0; \{5, 10^5, 15, 30\})$	26216
30	$\mathcal{O}(0; \{2, 3, 5^4, 15^2, 30\})$	19656
30	$\mathcal{O}(0; \{2^4, 3, 5, 10, 15^2, 30\})$	1224
30	$\mathcal{O}(0; \{3^4, 5, 10, 15^2, 30\})$	8568
30	$\mathcal{O}(0; \{2, 3^2, 5, 6, 10, 15^2, 30\})$	4488
30	$\mathcal{O}(0; \{2^2, 5, 6^2, 10, 15^2, 30\})$	2040
30	$\mathcal{O}(0; \{2^2, 3, 10^3, 15^2, 30\})$	4920
30	$\mathcal{O}(0; \{6^2, 10^3, 15^2, 30\})$	8200
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 15^3, 30\})$	18040
30	$\mathcal{O}(0; \{2^2, 5^2, 6, 15^3, 30\})$	8200
30	$\mathcal{O}(0; \{5, 6, 10^2, 15^3, 30\})$	32760

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^5, 15^4, 30\})$	2040
30	$\mathcal{O}(0; \{2, 3^3, 15^4, 30\})$	17544
30	$\mathcal{O}(0; \{2^2, 3, 6, 15^4, 30\})$	8568
30	$\mathcal{O}(0; \{6^3, 15^4, 30\})$	17544
30	$\mathcal{O}(0; \{5^2, 10, 15^4, 30\})$	131080
30	$\mathcal{O}(0; \{3, 10, 15^5, 30\})$	137592
30	$\mathcal{O}(0; \{2^6, 3, 5^2, 30^2\})$	104
30	$\mathcal{O}(0; \{2^2, 3^4, 5^2, 30^2\})$	1144
30	$\mathcal{O}(0; \{2^3, 3^2, 5^2, 6, 30^2\})$	520
30	$\mathcal{O}(0; \{2^4, 5^2, 6^2, 30^2\})$	312
30	$\mathcal{O}(0; \{3^3, 5^2, 6^2, 30^2\})$	2184
30	$\mathcal{O}(0; \{2, 3, 5^2, 6^3, 30^2\})$	1144
30	$\mathcal{O}(0; \{2, 3, 5^4, 10, 30^2\})$	6552
30	$\mathcal{O}(0; \{2^4, 3, 5, 10^2, 30^2\})$	408
30	$\mathcal{O}(0; \{3^4, 5, 10^2, 30^2\})$	4488
30	$\mathcal{O}(0; \{2, 3^2, 5, 6, 10^2, 30^2\})$	2040
30	$\mathcal{O}(0; \{2^2, 5, 6^2, 10^2, 30^2\})$	1224
30	$\mathcal{O}(0; \{2^2, 3, 10^4, 30^2\})$	1640
30	$\mathcal{O}(0; \{6^2, 10^4, 30^2\})$	4920
30	$\mathcal{O}(0; \{2^6, 3^2, 15, 30^2\})$	120
30	$\mathcal{O}(0; \{2^2, 3^5, 15, 30^2\})$	1032
30	$\mathcal{O}(0; \{2^7, 6, 15, 30^2\})$	72
30	$\mathcal{O}(0; \{2^3, 3^3, 6, 15, 30^2\})$	504
30	$\mathcal{O}(0; \{2^4, 3, 6^2, 15, 30^2\})$	264
30	$\mathcal{O}(0; \{3^4, 6^2, 15, 30^2\})$	2040
30	$\mathcal{O}(0; \{2, 3^2, 6^3, 15, 30^2\})$	1032
30	$\mathcal{O}(0; \{2^2, 6^4, 15, 30^2\})$	504
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 10, 15, 30^2\})$	8200
30	$\mathcal{O}(0; \{2^2, 5^2, 6, 10, 15, 30^2\})$	4920
30	$\mathcal{O}(0; \{5, 6, 10^3, 15, 30^2\})$	19656
30	$\mathcal{O}(0; \{2^2, 5^3, 15^2, 30^2\})$	19656
30	$\mathcal{O}(0; \{2^5, 10, 15^2, 30^2\})$	1224
30	$\mathcal{O}(0; \{2, 3^3, 10, 15^2, 30^2\})$	8568
30	$\mathcal{O}(0; \{2^2, 3, 6, 10, 15^2, 30^2\})$	4488
30	$\mathcal{O}(0; \{6^3, 10, 15^2, 30^2\})$	8568
30	$\mathcal{O}(0; \{5^2, 10^2, 15^2, 30^2\})$	78648
30	$\mathcal{O}(0; \{2^2, 3, 5, 15^3, 30^2\})$	18040
30	$\mathcal{O}(0; \{5, 6^2, 15^3, 30^2\})$	34440
30	$\mathcal{O}(0; \{3, 10^2, 15^3, 30^2\})$	72072
30	$\mathcal{O}(0; \{2^7, 5, 30^3\})$	104
30	$\mathcal{O}(0; \{2^3, 3^3, 5, 30^3\})$	1144
30	$\mathcal{O}(0; \{2^4, 3, 5, 6, 30^3\})$	520
30	$\mathcal{O}(0; \{3^4, 5, 6, 30^3\})$	4472

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2, 3^2, 5, 6^2, 30^3\})$	2184
30	$\mathcal{O}(0; \{2^2, 5, 6^3, 30^3\})$	1144
30	$\mathcal{O}(0; \{2^2, 5^3, 10, 30^3\})$	6552
30	$\mathcal{O}(0; \{2^5, 10^2, 30^3\})$	408
30	$\mathcal{O}(0; \{2, 3^3, 10^2, 30^3\})$	4488
30	$\mathcal{O}(0; \{2^2, 3, 6, 10^2, 30^3\})$	2040
30	$\mathcal{O}(0; \{6^3, 10^2, 30^3\})$	4488
30	$\mathcal{O}(0; \{5^2, 10^3, 30^3\})$	26216
30	$\mathcal{O}(0; \{2^2, 3, 5, 10, 15, 30^3\})$	8200
30	$\mathcal{O}(0; \{5, 6^2, 10, 15, 30^3\})$	18040
30	$\mathcal{O}(0; \{3, 10^3, 15, 30^3\})$	32760
30	$\mathcal{O}(0; \{5^2, 6, 15^2, 30^3\})$	72072
30	$\mathcal{O}(0; \{2^3, 15^3, 30^3\})$	18040
30	$\mathcal{O}(0; \{3, 6, 15^3, 30^3\})$	70520
30	$\mathcal{O}(0; \{2^4, 3^2, 30^4\})$	1144
30	$\mathcal{O}(0; \{3^5, 30^4\})$	8840
30	$\mathcal{O}(0; \{2^5, 6, 30^4\})$	520
30	$\mathcal{O}(0; \{2, 3^3, 6, 30^4\})$	4472
30	$\mathcal{O}(0; \{2^2, 3, 6^2, 30^4\})$	2184
30	$\mathcal{O}(0; \{6^4, 30^4\})$	4472
30	$\mathcal{O}(0; \{5^2, 6, 10, 30^4\})$	32760
30	$\mathcal{O}(0; \{5^3, 15, 30^4\})$	131080
30	$\mathcal{O}(0; \{2^3, 10, 15, 30^4\})$	8200
30	$\mathcal{O}(0; \{3, 6, 10, 15, 30^4\})$	34440
30	$\mathcal{O}(0; \{3, 5, 15^2, 30^4\})$	137592
30	$\mathcal{O}(0; \{3, 5, 10, 30^5\})$	72072
30	$\mathcal{O}(0; \{2, 15^2, 30^5\})$	137592
30	$\mathcal{O}(0; \{2, 10, 30^6\})$	72072
32	$\mathcal{O}(2; \{2^2, 16^2\})$	7864320
32	$\mathcal{O}(2; \{16, 32^2\})$	134217728
32	$\mathcal{O}(1; \{2^6, 16^2\})$	6144
32	$\mathcal{O}(1; \{2^3, 4^2, 16^2\})$	24576
32	$\mathcal{O}(1; \{4^4, 16^2\})$	98304
32	$\mathcal{O}(1; \{2, 4, 8^2, 16^2\})$	196608
32	$\mathcal{O}(1; \{2^4, 16, 32^2\})$	131072
32	$\mathcal{O}(1; \{2, 4^2, 16, 32^2\})$	524288
32	$\mathcal{O}(1; \{2^2, 32^4\})$	4194304
32	$\mathcal{O}(0; \{2^8, 16, 32^2\})$	128
32	$\mathcal{O}(0; \{2^5, 4^2, 16, 32^2\})$	512
32	$\mathcal{O}(0; \{2^2, 4^4, 16, 32^2\})$	2048
32	$\mathcal{O}(0; \{2^3, 4, 8^2, 16, 32^2\})$	4096
32	$\mathcal{O}(0; \{4^3, 8^2, 16, 32^2\})$	16384
32	$\mathcal{O}(0; \{2, 8^4, 16, 32^2\})$	32768

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
32	$\mathcal{O}(0; \{2, 4, 8, 16^3, 32^2\})$	65536
32	$\mathcal{O}(0; \{2^6, 32^4\})$	4096
32	$\mathcal{O}(0; \{2^3, 4^2, 32^4\})$	16384
32	$\mathcal{O}(0; \{4^4, 32^4\})$	65536
32	$\mathcal{O}(0; \{2, 4, 8^2, 32^4\})$	131072
33	$\mathcal{O}(2; \{11^3\})$	105415200
33	$\mathcal{O}(1; \{3^3, 11^3\})$	196020
33	$\mathcal{O}(1; \{11^2, 33^3\})$	19798020
33	$\mathcal{O}(0; \{3^6, 11^3\})$	1980
33	$\mathcal{O}(0; \{3^3, 11^2, 33^3\})$	199980
33	$\mathcal{O}(0; \{11, 33^6\})$	19999980
35	$\mathcal{O}(1; \{5, 7^2, 35^2\})$	2734200
35	$\mathcal{O}(0; \{7^3, 35^4\})$	2079480
35	$\mathcal{O}(0; \{5^2, 35^5\})$	3636360
36	$\mathcal{O}(2; \{2^2, 3^2\})$	3110400
36	$\mathcal{O}(2; \{3, 6^2\})$	3110400
36	$\mathcal{O}(2; \{3, 4, 12\})$	6635520
36	$\mathcal{O}(2; \{2, 12^2\})$	6635520
36	$\mathcal{O}(2; \{2, 9, 18\})$	9447840
36	$\mathcal{O}(1; \{2^6, 3^2\})$	1728
36	$\mathcal{O}(1; \{2^2, 3^5\})$	8640
36	$\mathcal{O}(1; \{2^3, 3^2, 4^2\})$	4608
36	$\mathcal{O}(1; \{3^2, 4^4\})$	18432
36	$\mathcal{O}(1; \{2^3, 3^3, 6\})$	5184
36	$\mathcal{O}(1; \{3^3, 4^2, 6\})$	13824
36	$\mathcal{O}(1; \{2^4, 3, 6^2\})$	1728
36	$\mathcal{O}(1; \{3^4, 6^2\})$	19008
36	$\mathcal{O}(1; \{2, 3, 4^2, 6^2\})$	4608
36	$\mathcal{O}(1; \{2, 3^2, 6^3\})$	8640
36	$\mathcal{O}(1; \{2^2, 6^4\})$	5184
36	$\mathcal{O}(1; \{2^2, 3, 9^3\})$	34992
36	$\mathcal{O}(1; \{6^2, 9^3\})$	69984
36	$\mathcal{O}(1; \{2^4, 3, 4, 12\})$	4608
36	$\mathcal{O}(1; \{3^4, 4, 12\})$	23040
36	$\mathcal{O}(1; \{2, 3, 4^3, 12\})$	18432
36	$\mathcal{O}(1; \{2, 3^2, 4, 6, 12\})$	13824
36	$\mathcal{O}(1; \{2^2, 4, 6^2, 12\})$	4608
36	$\mathcal{O}(1; \{4, 9^3, 12\})$	93312
36	$\mathcal{O}(1; \{2^5, 12^2\})$	4608
36	$\mathcal{O}(1; \{2, 3^3, 12^2\})$	23040
36	$\mathcal{O}(1; \{2^2, 4^2, 12^2\})$	18432
36	$\mathcal{O}(1; \{2^2, 3, 6, 12^2\})$	13824
36	$\mathcal{O}(1; \{6^3, 12^2\})$	23040

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{4, 6, 12^3\})$	55296
36	$\mathcal{O}(1; \{3, 12^4\})$	92160
36	$\mathcal{O}(1; \{2^5, 9, 18\})$	5832
36	$\mathcal{O}(1; \{2, 3^3, 9, 18\})$	46656
36	$\mathcal{O}(1; \{2^2, 4^2, 9, 18\})$	15552
36	$\mathcal{O}(1; \{2^2, 3, 6, 9, 18\})$	23328
36	$\mathcal{O}(1; \{6^3, 9, 18\})$	46656
36	$\mathcal{O}(1; \{4, 6, 9, 12, 18\})$	62208
36	$\mathcal{O}(1; \{3, 9, 12^2, 18\})$	124416
36	$\mathcal{O}(1; \{3, 9^2, 18^2\})$	314928
36	$\mathcal{O}(1; \{2^3, 18^3\})$	17496
36	$\mathcal{O}(1; \{4^2, 18^3\})$	46656
36	$\mathcal{O}(1; \{3, 6, 18^3\})$	69984
36	$\mathcal{O}(1; \{4, 6, 9^2, 36\})$	93312
36	$\mathcal{O}(1; \{3, 9^2, 12, 36\})$	186624
36	$\mathcal{O}(1; \{2^2, 3, 4, 18, 36\})$	31104
36	$\mathcal{O}(1; \{4, 6^2, 18, 36\})$	62208
36	$\mathcal{O}(1; \{2^3, 12, 18, 36\})$	31104
36	$\mathcal{O}(1; \{4^2, 12, 18, 36\})$	124416
36	$\mathcal{O}(1; \{3, 6, 12, 18, 36\})$	124416
36	$\mathcal{O}(1; \{2^3, 9, 36^2\})$	46656
36	$\mathcal{O}(1; \{4^2, 9, 36^2\})$	186624
36	$\mathcal{O}(1; \{3, 6, 9, 36^2\})$	186624
36	$\mathcal{O}(1; \{2, 18^2, 36^2\})$	419904
36	$\mathcal{O}(1; \{3, 4, 36^3\})$	373248
36	$\mathcal{O}(1; \{2, 12, 36^3\})$	373248
36	$\mathcal{O}(0; \{2^3, 3, 4^2, 9^3\})$	72
36	$\mathcal{O}(0; \{3, 4^4, 9^3\})$	288
36	$\mathcal{O}(0; \{3^2, 4^2, 6, 9^3\})$	288
36	$\mathcal{O}(0; \{2, 4^2, 6^2, 9^3\})$	144
36	$\mathcal{O}(0; \{2^4, 4, 9^3, 12\})$	72
36	$\mathcal{O}(0; \{3^3, 4, 9^3, 12\})$	576
36	$\mathcal{O}(0; \{2, 4^3, 9^3, 12\})$	288
36	$\mathcal{O}(0; \{2, 3, 4, 6, 9^3, 12\})$	288
36	$\mathcal{O}(0; \{2, 3^2, 9^3, 12^2\})$	576
36	$\mathcal{O}(0; \{2^2, 6, 9^3, 12^2\})$	288
36	$\mathcal{O}(0; \{9^3, 12^4\})$	2304
36	$\mathcal{O}(0; \{2^6, 4^2, 9, 18\})$	12
36	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 9, 18\})$	96
36	$\mathcal{O}(0; \{2^3, 4^4, 9, 18\})$	48
36	$\mathcal{O}(0; \{4^6, 9, 18\})$	192
36	$\mathcal{O}(0; \{2^3, 3, 4^2, 6, 9, 18\})$	48
36	$\mathcal{O}(0; \{3, 4^4, 6, 9, 18\})$	192

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{3^2, 4^2, 6^2, 9, 18\})$	192
36	$\mathcal{O}(0; \{2, 4^2, 6^3, 9, 18\})$	96
36	$\mathcal{O}(0; \{2^3, 3^2, 4, 9, 12, 18\})$	96
36	$\mathcal{O}(0; \{3^2, 4^3, 9, 12, 18\})$	384
36	$\mathcal{O}(0; \{2^4, 4, 6, 9, 12, 18\})$	48
36	$\mathcal{O}(0; \{3^3, 4, 6, 9, 12, 18\})$	384
36	$\mathcal{O}(0; \{2, 4^3, 6, 9, 12, 18\})$	192
36	$\mathcal{O}(0; \{2, 3, 4, 6^2, 9, 12, 18\})$	192
36	$\mathcal{O}(0; \{2^4, 3, 9, 12^2, 18\})$	96
36	$\mathcal{O}(0; \{3^4, 9, 12^2, 18\})$	768
36	$\mathcal{O}(0; \{2, 3, 4^2, 9, 12^2, 18\})$	384
36	$\mathcal{O}(0; \{2, 3^2, 6, 9, 12^2, 18\})$	384
36	$\mathcal{O}(0; \{2^2, 6^2, 9, 12^2, 18\})$	192
36	$\mathcal{O}(0; \{9^4, 12^2, 18\})$	6480
36	$\mathcal{O}(0; \{2^2, 4, 9, 12^3, 18\})$	384
36	$\mathcal{O}(0; \{6, 9, 12^4, 18\})$	1536
36	$\mathcal{O}(0; \{2, 3, 4^2, 9^2, 18^2\})$	648
36	$\mathcal{O}(0; \{2^2, 4, 9^2, 12, 18^2\})$	648
36	$\mathcal{O}(0; \{6, 9^2, 12^2, 18^2\})$	2592
36	$\mathcal{O}(0; \{2^4, 4^2, 18^3\})$	36
36	$\mathcal{O}(0; \{3^3, 4^2, 18^3\})$	288
36	$\mathcal{O}(0; \{2, 4^4, 18^3\})$	144
36	$\mathcal{O}(0; \{2, 3, 4^2, 6, 18^3\})$	144
36	$\mathcal{O}(0; \{2, 3^2, 4, 12, 18^3\})$	288
36	$\mathcal{O}(0; \{2^2, 4, 6, 12, 18^3\})$	144
36	$\mathcal{O}(0; \{2^2, 3, 12^2, 18^3\})$	288
36	$\mathcal{O}(0; \{6^2, 12^2, 18^3\})$	576
36	$\mathcal{O}(0; \{4, 12^3, 18^3\})$	1152
36	$\mathcal{O}(0; \{4, 9, 12, 18^4\})$	3240
36	$\mathcal{O}(0; \{2^3, 3^2, 4, 9^2, 36\})$	144
36	$\mathcal{O}(0; \{3^2, 4^3, 9^2, 36\})$	576
36	$\mathcal{O}(0; \{2^4, 4, 6, 9^2, 36\})$	72
36	$\mathcal{O}(0; \{3^3, 4, 6, 9^2, 36\})$	576
36	$\mathcal{O}(0; \{2, 4^3, 6, 9^2, 36\})$	288
36	$\mathcal{O}(0; \{2, 3, 4, 6^2, 9^2, 36\})$	288
36	$\mathcal{O}(0; \{2^4, 3, 9^2, 12, 36\})$	144
36	$\mathcal{O}(0; \{3^4, 9^2, 12, 36\})$	1152
36	$\mathcal{O}(0; \{2, 3, 4^2, 9^2, 12, 36\})$	576
36	$\mathcal{O}(0; \{2, 3^2, 6, 9^2, 12, 36\})$	576
36	$\mathcal{O}(0; \{2^2, 6^2, 9^2, 12, 36\})$	288
36	$\mathcal{O}(0; \{9^5, 12, 36\})$	21384
36	$\mathcal{O}(0; \{2^2, 4, 9^2, 12^2, 36\})$	576
36	$\mathcal{O}(0; \{6, 9^2, 12^3, 36\})$	2304

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2^6, 3, 4, 18, 36\})$	24
36	$\mathcal{O}(0; \{2^2, 3^4, 4, 18, 36\})$	192
36	$\mathcal{O}(0; \{2^3, 3, 4^3, 18, 36\})$	96
36	$\mathcal{O}(0; \{3, 4^5, 18, 36\})$	384
36	$\mathcal{O}(0; \{2^3, 3^2, 4, 6, 18, 36\})$	96
36	$\mathcal{O}(0; \{3^2, 4^3, 6, 18, 36\})$	384
36	$\mathcal{O}(0; \{2^4, 4, 6^2, 18, 36\})$	48
36	$\mathcal{O}(0; \{3^3, 4, 6^2, 18, 36\})$	384
36	$\mathcal{O}(0; \{2, 4^3, 6^2, 18, 36\})$	192
36	$\mathcal{O}(0; \{2, 3, 4, 6^3, 18, 36\})$	192
36	$\mathcal{O}(0; \{2^2, 4, 9^3, 18, 36\})$	1620
36	$\mathcal{O}(0; \{2^7, 12, 18, 36\})$	24
36	$\mathcal{O}(0; \{2^3, 3^3, 12, 18, 36\})$	192
36	$\mathcal{O}(0; \{2^4, 4^2, 12, 18, 36\})$	96
36	$\mathcal{O}(0; \{3^3, 4^2, 12, 18, 36\})$	768
36	$\mathcal{O}(0; \{2, 4^4, 12, 18, 36\})$	384
36	$\mathcal{O}(0; \{2^4, 3, 6, 12, 18, 36\})$	96
36	$\mathcal{O}(0; \{3^4, 6, 12, 18, 36\})$	768
36	$\mathcal{O}(0; \{2, 3, 4^2, 6, 12, 18, 36\})$	384
36	$\mathcal{O}(0; \{2, 3^2, 6^2, 12, 18, 36\})$	384
36	$\mathcal{O}(0; \{2^2, 6^3, 12, 18, 36\})$	192
36	$\mathcal{O}(0; \{6, 9^3, 12, 18, 36\})$	6480
36	$\mathcal{O}(0; \{2, 3^2, 4, 12^2, 18, 36\})$	768
36	$\mathcal{O}(0; \{2^2, 4, 6, 12^2, 18, 36\})$	384
36	$\mathcal{O}(0; \{2^2, 3, 12^3, 18, 36\})$	768
36	$\mathcal{O}(0; \{6^2, 12^3, 18, 36\})$	1536
36	$\mathcal{O}(0; \{4, 12^4, 18, 36\})$	3072
36	$\mathcal{O}(0; \{2, 3^2, 4, 9, 18^2, 36\})$	1296
36	$\mathcal{O}(0; \{2^2, 4, 6, 9, 18^2, 36\})$	648
36	$\mathcal{O}(0; \{2^2, 3, 9, 12, 18^2, 36\})$	1296
36	$\mathcal{O}(0; \{6^2, 9, 12, 18^2, 36\})$	2592
36	$\mathcal{O}(0; \{4, 9, 12^2, 18^2, 36\})$	5184
36	$\mathcal{O}(0; \{4, 9^2, 18^3, 36\})$	10692
36	$\mathcal{O}(0; \{4, 6, 18^4, 36\})$	3240
36	$\mathcal{O}(0; \{3, 12, 18^4, 36\})$	6480
36	$\mathcal{O}(0; \{2^7, 9, 36^2\})$	36
36	$\mathcal{O}(0; \{2^3, 3^3, 9, 36^2\})$	288
36	$\mathcal{O}(0; \{2^4, 4^2, 9, 36^2\})$	144
36	$\mathcal{O}(0; \{3^3, 4^2, 9, 36^2\})$	1152
36	$\mathcal{O}(0; \{2, 4^4, 9, 36^2\})$	576
36	$\mathcal{O}(0; \{2^4, 3, 6, 9, 36^2\})$	144
36	$\mathcal{O}(0; \{3^4, 6, 9, 36^2\})$	1152
36	$\mathcal{O}(0; \{2, 3, 4^2, 6, 9, 36^2\})$	576

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2, 3^2, 6^2, 9, 36^2\})$	576
36	$\mathcal{O}(0; \{2^2, 6^3, 9, 36^2\})$	288
36	$\mathcal{O}(0; \{6, 9^4, 36^2\})$	21384
36	$\mathcal{O}(0; \{2, 3^2, 4, 9, 12, 36^2\})$	1152
36	$\mathcal{O}(0; \{2^2, 4, 6, 9, 12, 36^2\})$	576
36	$\mathcal{O}(0; \{2^2, 3, 9, 12^2, 36^2\})$	1152
36	$\mathcal{O}(0; \{6^2, 9, 12^2, 36^2\})$	2304
36	$\mathcal{O}(0; \{4, 9, 12^3, 36^2\})$	4608
36	$\mathcal{O}(0; \{2^2, 3, 9^2, 18, 36^2\})$	3240
36	$\mathcal{O}(0; \{6^2, 9^2, 18, 36^2\})$	6480
36	$\mathcal{O}(0; \{4, 9^2, 12, 18, 36^2\})$	12960
36	$\mathcal{O}(0; \{2^5, 18^2, 36^2\})$	324
36	$\mathcal{O}(0; \{2, 3^3, 18^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{2^2, 4^2, 18^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{2^2, 3, 6, 18^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{6^3, 18^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{4, 6, 12, 18^2, 36^2\})$	5184
36	$\mathcal{O}(0; \{3, 12^2, 18^2, 36^2\})$	10368
36	$\mathcal{O}(0; \{3, 9, 18^3, 36^2\})$	21384
36	$\mathcal{O}(0; \{2^4, 3, 4, 36^3\})$	288
36	$\mathcal{O}(0; \{3^4, 4, 36^3\})$	2304
36	$\mathcal{O}(0; \{2, 3, 4^3, 36^3\})$	1152
36	$\mathcal{O}(0; \{2, 3^2, 4, 6, 36^3\})$	1152
36	$\mathcal{O}(0; \{2^2, 4, 6^2, 36^3\})$	576
36	$\mathcal{O}(0; \{4, 9^3, 36^3\})$	42768
36	$\mathcal{O}(0; \{2^5, 12, 36^3\})$	288
36	$\mathcal{O}(0; \{2, 3^3, 12, 36^3\})$	2304
36	$\mathcal{O}(0; \{2^2, 4^2, 12, 36^3\})$	1152
36	$\mathcal{O}(0; \{2^2, 3, 6, 12, 36^3\})$	1152
36	$\mathcal{O}(0; \{6^3, 12, 36^3\})$	2304
36	$\mathcal{O}(0; \{4, 6, 12^2, 36^3\})$	4608
36	$\mathcal{O}(0; \{3, 12^3, 36^3\})$	9216
36	$\mathcal{O}(0; \{4, 6, 9, 18, 36^3\})$	12960
36	$\mathcal{O}(0; \{3, 9, 12, 18, 36^3\})$	25920
36	$\mathcal{O}(0; \{3, 9^2, 36^4\})$	85536
36	$\mathcal{O}(0; \{2^3, 18, 36^4\})$	6480
36	$\mathcal{O}(0; \{4^2, 18, 36^4\})$	25920
36	$\mathcal{O}(0; \{3, 6, 18, 36^4\})$	25920
36	$\mathcal{O}(0; \{2, 36^6\})$	171072
39	$\mathcal{O}(3; \emptyset)$	3513916224
39	$\mathcal{O}(2; \{3^3\})$	4626720
39	$\mathcal{O}(1; \{3^6\})$	33264
39	$\mathcal{O}(0; \{3^2, 13^4, 39\})$	38280

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(2; \{20^2\})$	1920000
40	$\mathcal{O}(1; \{4^2, 5^3\})$	28800
40	$\mathcal{O}(1; \{2, 4, 5, 10, 20\})$	28800
40	$\mathcal{O}(1; \{2^4, 20^2\})$	9600
40	$\mathcal{O}(1; \{2, 4^2, 20^2\})$	38400
40	$\mathcal{O}(1; \{2, 4, 5, 8, 40\})$	51200
40	$\mathcal{O}(1; \{2^2, 20, 40^2\})$	153600
40	$\mathcal{O}(1; \{40^4\})$	5324800
40	$\mathcal{O}(0; \{2^2, 4, 5^3, 8^2\})$	96
40	$\mathcal{O}(0; \{5^3, 8^4\})$	768
40	$\mathcal{O}(0; \{4, 5^2, 8^2, 10^2\})$	416
40	$\mathcal{O}(0; \{5^4, 8^2, 20\})$	1632
40	$\mathcal{O}(0; \{2^3, 5, 8^2, 10, 20\})$	96
40	$\mathcal{O}(0; \{4^2, 5, 8^2, 10, 20\})$	384
40	$\mathcal{O}(0; \{2, 8^2, 10^3, 20\})$	416
40	$\mathcal{O}(0; \{2^3, 4, 8^2, 20^2\})$	128
40	$\mathcal{O}(0; \{4^3, 8^2, 20^2\})$	512
40	$\mathcal{O}(0; \{2, 8^4, 20^2\})$	1024
40	$\mathcal{O}(0; \{2, 5, 8^2, 20^3\})$	1664
40	$\mathcal{O}(0; \{2^5, 4, 5, 8, 40\})$	32
40	$\mathcal{O}(0; \{2^2, 4^3, 5, 8, 40\})$	128
40	$\mathcal{O}(0; \{2^3, 5, 8^3, 40\})$	256
40	$\mathcal{O}(0; \{4^2, 5, 8^3, 40\})$	1024
40	$\mathcal{O}(0; \{4, 5^3, 8, 10, 40\})$	1632
40	$\mathcal{O}(0; \{2^3, 4, 8, 10^2, 40\})$	96
40	$\mathcal{O}(0; \{4^3, 8, 10^2, 40\})$	384
40	$\mathcal{O}(0; \{2, 8^3, 10^2, 40\})$	768
40	$\mathcal{O}(0; \{2^3, 5^2, 8, 20, 40\})$	416
40	$\mathcal{O}(0; \{4^2, 5^2, 8, 20, 40\})$	1664
40	$\mathcal{O}(0; \{2, 5, 8, 10^2, 20, 40\})$	1632
40	$\mathcal{O}(0; \{2, 4, 8, 10, 20^2, 40\})$	1664
40	$\mathcal{O}(0; \{4, 5^4, 40^2\})$	6560
40	$\mathcal{O}(0; \{2^3, 4, 5, 10, 40^2\})$	416
40	$\mathcal{O}(0; \{4^3, 5, 10, 40^2\})$	1664
40	$\mathcal{O}(0; \{2, 5, 8^2, 10, 40^2\})$	3328
40	$\mathcal{O}(0; \{2, 4, 10^3, 40^2\})$	1632
40	$\mathcal{O}(0; \{2^6, 20, 40^2\})$	96
40	$\mathcal{O}(0; \{2^3, 4^2, 20, 40^2\})$	384
40	$\mathcal{O}(0; \{4^4, 20, 40^2\})$	1536
40	$\mathcal{O}(0; \{2, 4, 8^2, 20, 40^2\})$	3072
40	$\mathcal{O}(0; \{2, 5^2, 10, 20, 40^2\})$	6560
40	$\mathcal{O}(0; \{2, 4, 5, 20^2, 40^2\})$	6528
40	$\mathcal{O}(0; \{2, 5^2, 8, 40^3\})$	13056

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{2^4, 40^4\})$	3328
40	$\mathcal{O}(0; \{2, 4^2, 40^4\})$	13312
42	$\mathcal{O}(2; \{7^2\})$	17287200
42	$\mathcal{O}(1; \{2^4, 7^2\})$	9408
42	$\mathcal{O}(1; \{3^3, 7^2\})$	15876
42	$\mathcal{O}(1; \{2, 3, 6, 7^2\})$	21168
42	$\mathcal{O}(1; \{2^2, 7, 14^2\})$	47040
42	$\mathcal{O}(1; \{14^4\})$	291648
42	$\mathcal{O}(1; \{2, 3^2, 14, 21\})$	21168
42	$\mathcal{O}(1; \{2^2, 6, 14, 21\})$	21168
42	$\mathcal{O}(1; \{7, 21^3\})$	492156
42	$\mathcal{O}(1; \{7, 14, 21, 42\})$	656208
42	$\mathcal{O}(1; \{6, 21^2, 42\})$	317520
42	$\mathcal{O}(1; \{6, 14, 42^2\})$	105840
42	$\mathcal{O}(0; \{2^4, 3^3, 7^2\})$	12
42	$\mathcal{O}(0; \{2^5, 3, 6, 7^2\})$	12
42	$\mathcal{O}(0; \{2, 3^4, 6, 7^2\})$	60
42	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 7^2\})$	36
42	$\mathcal{O}(0; \{2^3, 6^3, 7^2\})$	12
42	$\mathcal{O}(0; \{3, 6^4, 7^2\})$	60
42	$\mathcal{O}(0; \{2^2, 3^3, 7, 14^2\})$	60
42	$\mathcal{O}(0; \{2^3, 3, 6, 7, 14^2\})$	60
42	$\mathcal{O}(0; \{3^2, 6^2, 7, 14^2\})$	180
42	$\mathcal{O}(0; \{2, 6^3, 7, 14^2\})$	60
42	$\mathcal{O}(0; \{3^3, 14^4\})$	372
42	$\mathcal{O}(0; \{2, 3, 6, 14^4\})$	372
42	$\mathcal{O}(0; \{2, 6, 7^4, 21\})$	2220
42	$\mathcal{O}(0; \{2^5, 3^2, 14, 21\})$	12
42	$\mathcal{O}(0; \{2, 3^5, 14, 21\})$	132
42	$\mathcal{O}(0; \{2^6, 6, 14, 21\})$	12
42	$\mathcal{O}(0; \{2^2, 3^3, 6, 14, 21\})$	60
42	$\mathcal{O}(0; \{2^3, 3, 6^2, 14, 21\})$	36
42	$\mathcal{O}(0; \{3^2, 6^3, 14, 21\})$	132
42	$\mathcal{O}(0; \{2, 6^4, 14, 21\})$	60
42	$\mathcal{O}(0; \{2, 3, 7^2, 14, 21^2\})$	2220
42	$\mathcal{O}(0; \{2^4, 7, 21^3\})$	372
42	$\mathcal{O}(0; \{2, 3, 6, 7, 21^3\})$	1860
42	$\mathcal{O}(0; \{2^2, 14^2, 21^3\})$	2220
42	$\mathcal{O}(0; \{2^3, 3, 7^3, 42\})$	372
42	$\mathcal{O}(0; \{3^2, 6, 7^3, 42\})$	1116
42	$\mathcal{O}(0; \{2, 6^2, 7^3, 42\})$	372
42	$\mathcal{O}(0; \{2, 3, 7^2, 14^2, 42\})$	2220
42	$\mathcal{O}(0; \{2^4, 7, 14, 21, 42\})$	372

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{3^3, 7, 14, 21, 42\})$	1860
42	$\mathcal{O}(0; \{2, 3, 6, 7, 14, 21, 42\})$	1116
42	$\mathcal{O}(0; \{2^2, 14^3, 21, 42\})$	2220
42	$\mathcal{O}(0; \{2^3, 3^2, 21^2, 42\})$	300
42	$\mathcal{O}(0; \{2^4, 6, 21^2, 42\})$	180
42	$\mathcal{O}(0; \{3^3, 6, 21^2, 42\})$	1260
42	$\mathcal{O}(0; \{2, 3, 6^2, 21^2, 42\})$	660
42	$\mathcal{O}(0; \{14, 21^4, 42\})$	66660
42	$\mathcal{O}(0; \{2^3, 3^2, 14, 42^2\})$	180
42	$\mathcal{O}(0; \{2^4, 6, 14, 42^2\})$	60
42	$\mathcal{O}(0; \{3^3, 6, 14, 42^2\})$	660
42	$\mathcal{O}(0; \{2, 3, 6^2, 14, 42^2\})$	300
42	$\mathcal{O}(0; \{2^2, 7, 21^2, 42^2\})$	6660
42	$\mathcal{O}(0; \{14^2, 21^2, 42^2\})$	39996
42	$\mathcal{O}(0; \{2^2, 7, 14, 42^3\})$	2220
42	$\mathcal{O}(0; \{14^3, 42^3\})$	13332
42	$\mathcal{O}(0; \{2, 3^2, 21, 42^3\})$	4092
42	$\mathcal{O}(0; \{2^2, 6, 21, 42^3\})$	1860
42	$\mathcal{O}(0; \{7, 21, 42^4\})$	66660
42	$\mathcal{O}(0; \{6, 42^5\})$	24420
44	$\mathcal{O}(1; \{4, 11^2, 44\})$	348480
44	$\mathcal{O}(0; \{2^4, 4, 11^2, 44\})$	180
44	$\mathcal{O}(0; \{2, 4^3, 11^2, 44\})$	720
44	$\mathcal{O}(0; \{2^2, 4, 11, 22^2, 44\})$	1820
44	$\mathcal{O}(0; \{4, 22^4, 44\})$	18180
44	$\mathcal{O}(0; \{4, 11, 22, 44^3\})$	72720
45	$\mathcal{O}(1; \{5^2, 15^2\})$	187200
45	$\mathcal{O}(1; \{3, 15^3\})$	129600
45	$\mathcal{O}(1; \{5^2, 9, 45\})$	145800
45	$\mathcal{O}(1; \{3, 9, 15, 45\})$	194400
45	$\mathcal{O}(0; \{9^3, 15^3\})$	1728
45	$\mathcal{O}(0; \{3^3, 5^2, 9, 45\})$	576
45	$\mathcal{O}(0; \{3^4, 9, 15, 45\})$	768
45	$\mathcal{O}(0; \{9^4, 15, 45\})$	6480
45	$\mathcal{O}(0; \{5, 9, 15^3, 45\})$	9792
45	$\mathcal{O}(0; \{5, 9^2, 15, 45^2\})$	16848
45	$\mathcal{O}(0; \{5^2, 15, 45^3\})$	29520
45	$\mathcal{O}(0; \{3, 15^2, 45^3\})$	29376
45	$\mathcal{O}(0; \{3, 9, 45^4\})$	84240
46	$\mathcal{O}(1; \{2, 23^2, 46\})$	977592
46	$\mathcal{O}(0; \{2^5, 23^2, 46\})$	462
46	$\mathcal{O}(0; \{2^3, 23, 46^3\})$	10186
46	$\mathcal{O}(0; \{2, 46^5\})$	224070

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(1; \{2^3, 8^2\})$	6144
48	$\mathcal{O}(1; \{4^2, 8^2\})$	24576
48	$\mathcal{O}(1; \{3, 6, 8^2\})$	13824
48	$\mathcal{O}(1; \{2, 8, 16^2\})$	65536
48	$\mathcal{O}(1; \{3, 4, 8, 24\})$	27648
48	$\mathcal{O}(1; \{2, 8, 12, 24\})$	27648
48	$\mathcal{O}(1; \{3^2, 24^2\})$	41472
48	$\mathcal{O}(1; \{2, 6, 24^2\})$	13824
48	$\mathcal{O}(1; \{3^2, 16, 48\})$	36864
48	$\mathcal{O}(1; \{2, 6, 16, 48\})$	36864
48	$\mathcal{O}(0; \{2, 3^3, 8, 16^2\})$	64
48	$\mathcal{O}(0; \{2^2, 3, 6, 8, 16^2\})$	64
48	$\mathcal{O}(0; \{6^3, 8, 16^2\})$	64
48	$\mathcal{O}(0; \{4, 6, 8, 12, 16^2\})$	256
48	$\mathcal{O}(0; \{3, 8, 12^2, 16^2\})$	256
48	$\mathcal{O}(0; \{3, 6, 16^4\})$	1024
48	$\mathcal{O}(0; \{2^2, 3, 4, 16^2, 24\})$	128
48	$\mathcal{O}(0; \{4, 6^2, 16^2, 24\})$	128
48	$\mathcal{O}(0; \{3, 8^2, 16^2, 24\})$	1024
48	$\mathcal{O}(0; \{2^3, 12, 16^2, 24\})$	128
48	$\mathcal{O}(0; \{4^2, 12, 16^2, 24\})$	512
48	$\mathcal{O}(0; \{3, 6, 12, 16^2, 24\})$	384
48	$\mathcal{O}(0; \{2, 16^2, 24^3\})$	1024
48	$\mathcal{O}(0; \{2^4, 3^2, 16, 48\})$	16
48	$\mathcal{O}(0; \{3^5, 16, 48\})$	176
48	$\mathcal{O}(0; \{2, 3^2, 4^2, 16, 48\})$	64
48	$\mathcal{O}(0; \{2^5, 6, 16, 48\})$	16
48	$\mathcal{O}(0; \{2, 3^3, 6, 16, 48\})$	80
48	$\mathcal{O}(0; \{2^2, 4^2, 6, 16, 48\})$	64
48	$\mathcal{O}(0; \{2^2, 3, 6^2, 16, 48\})$	48
48	$\mathcal{O}(0; \{6^4, 16, 48\})$	80
48	$\mathcal{O}(0; \{4, 6, 8^2, 16, 48\})$	512
48	$\mathcal{O}(0; \{2^2, 3, 4, 12, 16, 48\})$	64
48	$\mathcal{O}(0; \{4, 6^2, 12, 16, 48\})$	192
48	$\mathcal{O}(0; \{3, 8^2, 12, 16, 48\})$	512
48	$\mathcal{O}(0; \{2^3, 12^2, 16, 48\})$	64
48	$\mathcal{O}(0; \{4^2, 12^2, 16, 48\})$	256
48	$\mathcal{O}(0; \{3, 6, 12^2, 16, 48\})$	320
48	$\mathcal{O}(0; \{2^3, 8, 16, 24, 48\})$	256
48	$\mathcal{O}(0; \{4^2, 8, 16, 24, 48\})$	1024
48	$\mathcal{O}(0; \{3, 6, 8, 16, 24, 48\})$	768
48	$\mathcal{O}(0; \{2, 16^3, 24, 48\})$	4096
48	$\mathcal{O}(0; \{3, 4, 16, 24^2, 48\})$	1536

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{2, 12, 16, 24^2, 48\})$	1536
48	$\mathcal{O}(0; \{2^2, 3, 4, 8, 48^2\})$	128
48	$\mathcal{O}(0; \{4, 6^2, 8, 48^2\})$	384
48	$\mathcal{O}(0; \{3, 8^3, 48^2\})$	1024
48	$\mathcal{O}(0; \{2^3, 8, 12, 48^2\})$	128
48	$\mathcal{O}(0; \{4^2, 8, 12, 48^2\})$	512
48	$\mathcal{O}(0; \{3, 6, 8, 12, 48^2\})$	640
48	$\mathcal{O}(0; \{3, 4, 16^2, 48^2\})$	2048
48	$\mathcal{O}(0; \{2, 12, 16^2, 48^2\})$	2048
48	$\mathcal{O}(0; \{2^2, 3^2, 24, 48^2\})$	320
48	$\mathcal{O}(0; \{2^3, 6, 24, 48^2\})$	192
48	$\mathcal{O}(0; \{4^2, 6, 24, 48^2\})$	768
48	$\mathcal{O}(0; \{3, 6^2, 24, 48^2\})$	704
48	$\mathcal{O}(0; \{3, 4, 12, 24, 48^2\})$	1280
48	$\mathcal{O}(0; \{2, 12^2, 24, 48^2\})$	1280
48	$\mathcal{O}(0; \{2, 8, 24^2, 48^2\})$	3072
48	$\mathcal{O}(0; \{2, 8, 16, 48^3\})$	4096
48	$\mathcal{O}(0; \{3^2, 48^4\})$	11264
48	$\mathcal{O}(0; \{2, 6, 48^4\})$	5120
50	$\mathcal{O}(0; \{2^3, 5, 10, 25^2\})$	320
50	$\mathcal{O}(0; \{2, 10^3, 25^2\})$	1280
50	$\mathcal{O}(0; \{2, 5, 10, 25, 50^2\})$	4800
52	$\mathcal{O}(2; \{2^2\})$	6854400
52	$\mathcal{O}(1; \{2^6\})$	2016
52	$\mathcal{O}(1; \{2^3, 4^2\})$	5376
52	$\mathcal{O}(1; \{4^4\})$	21504
52	$\mathcal{O}(0; \{2, 4, 13^3, 52\})$	3192
53	$\mathcal{O}(1; \{53^3\})$	7449468
54	$\mathcal{O}(1; \{2^2, 18^2\})$	15552
54	$\mathcal{O}(1; \{27^3\})$	354294
54	$\mathcal{O}(1; \{18, 27, 54\})$	314928
54	$\mathcal{O}(0; \{2^4, 27^3\})$	162
54	$\mathcal{O}(0; \{2, 3, 6, 27^3\})$	648
54	$\mathcal{O}(0; \{2, 3, 9^2, 27, 54\})$	1296
54	$\mathcal{O}(0; \{2^4, 18, 27, 54\})$	108
54	$\mathcal{O}(0; \{3^3, 18, 27, 54\})$	864
54	$\mathcal{O}(0; \{2, 3, 6, 18, 27, 54\})$	432
54	$\mathcal{O}(0; \{2^2, 27^2, 54^2\})$	4374
54	$\mathcal{O}(0; \{2^2, 18, 54^3\})$	972
54	$\mathcal{O}(0; \{27, 54^4\})$	65610
55	$\mathcal{O}(0; \{11, 55^4\})$	472680
56	$\mathcal{O}(1; \{7, 28^2\})$	141120
56	$\mathcal{O}(1; \{8, 14, 56\})$	75264

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
56	$\mathcal{O}(0; \{2, 4, 7, 8^2, 14\})$	48
56	$\mathcal{O}(0; \{2^4, 8, 14, 56\})$	24
56	$\mathcal{O}(0; \{2, 4^2, 8, 14, 56\})$	96
56	$\mathcal{O}(0; \{2^2, 8, 28^2, 56\})$	480
56	$\mathcal{O}(0; \{2^2, 7, 28, 56^2\})$	1488
56	$\mathcal{O}(0; \{14^2, 28, 56^2\})$	8880
56	$\mathcal{O}(0; \{8, 28, 56^3\})$	23808
56	$\mathcal{O}(0; \{7, 56^4\})$	71040
60	$\mathcal{O}(1; \{2^2, 5^2\})$	9600
60	$\mathcal{O}(1; \{5, 10^2\})$	28800
60	$\mathcal{O}(1; \{4, 10, 20\})$	25600
60	$\mathcal{O}(1; \{5, 6, 30\})$	21600
60	$\mathcal{O}(1; \{3, 30^2\})$	21600
60	$\mathcal{O}(1; \{3, 20, 60\})$	57600
60	$\mathcal{O}(0; \{3, 4^2, 5^2, 6\})$	16
60	$\mathcal{O}(0; \{3^2, 4, 5^2, 12\})$	16
60	$\mathcal{O}(0; \{2, 4, 5^2, 6, 12\})$	16
60	$\mathcal{O}(0; \{2, 3, 5^2, 12^2\})$	16
60	$\mathcal{O}(0; \{10, 12^2, 15^2\})$	144
60	$\mathcal{O}(0; \{3^3, 4, 10, 20\})$	16
60	$\mathcal{O}(0; \{2, 3, 4, 6, 10, 20\})$	16
60	$\mathcal{O}(0; \{2, 3^2, 10, 12, 20\})$	16
60	$\mathcal{O}(0; \{2^2, 6, 10, 12, 20\})$	16
60	$\mathcal{O}(0; \{10, 12^3, 20\})$	64
60	$\mathcal{O}(0; \{2, 3, 4, 5, 15, 20\})$	48
60	$\mathcal{O}(0; \{2^2, 5, 12, 15, 20\})$	48
60	$\mathcal{O}(0; \{10^2, 12, 15, 20\})$	208
60	$\mathcal{O}(0; \{6, 15^2, 20^2\})$	208
60	$\mathcal{O}(0; \{6, 12, 20^3\})$	192
60	$\mathcal{O}(0; \{3^2, 4^2, 5, 30\})$	16
60	$\mathcal{O}(0; \{2, 4^2, 5, 6, 30\})$	16
60	$\mathcal{O}(0; \{2, 3, 4, 5, 12, 30\})$	16
60	$\mathcal{O}(0; \{2^2, 5, 12^2, 30\})$	16
60	$\mathcal{O}(0; \{10^2, 12^2, 30\})$	48
60	$\mathcal{O}(0; \{2^2, 4, 15, 20, 30\})$	48
60	$\mathcal{O}(0; \{6, 12, 15, 20, 30\})$	144
60	$\mathcal{O}(0; \{6, 10, 20^2, 30\})$	208
60	$\mathcal{O}(0; \{5, 15, 20^2, 30\})$	816
60	$\mathcal{O}(0; \{2, 3, 4^2, 30^2\})$	16
60	$\mathcal{O}(0; \{2^2, 4, 12, 30^2\})$	16
60	$\mathcal{O}(0; \{6, 12^2, 30^2\})$	80
60	$\mathcal{O}(0; \{5, 12, 20, 30^2\})$	208
60	$\mathcal{O}(0; \{4, 20, 30^3\})$	208

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{2, 3, 4, 5, 10, 60\})$	48
60	$\mathcal{O}(0; \{2^2, 5, 10, 12, 60\})$	48
60	$\mathcal{O}(0; \{10^3, 12, 60\})$	208
60	$\mathcal{O}(0; \{2^2, 4, 15^2, 60\})$	48
60	$\mathcal{O}(0; \{6, 12, 15^2, 60\})$	240
60	$\mathcal{O}(0; \{2^4, 3, 20, 60\})$	16
60	$\mathcal{O}(0; \{3^4, 20, 60\})$	80
60	$\mathcal{O}(0; \{2, 3, 4^2, 20, 60\})$	64
60	$\mathcal{O}(0; \{2, 3^2, 6, 20, 60\})$	48
60	$\mathcal{O}(0; \{2^2, 6^2, 20, 60\})$	16
60	$\mathcal{O}(0; \{2^2, 4, 12, 20, 60\})$	64
60	$\mathcal{O}(0; \{6, 12^2, 20, 60\})$	192
60	$\mathcal{O}(0; \{6, 10, 15, 20, 60\})$	208
60	$\mathcal{O}(0; \{5, 15^2, 20, 60\})$	816
60	$\mathcal{O}(0; \{5, 12, 20^2, 60\})$	832
60	$\mathcal{O}(0; \{2^2, 4, 10, 30, 60\})$	48
60	$\mathcal{O}(0; \{6, 10, 12, 30, 60\})$	144
60	$\mathcal{O}(0; \{5, 12, 15, 30, 60\})$	624
60	$\mathcal{O}(0; \{5, 10, 20, 30, 60\})$	816
60	$\mathcal{O}(0; \{4, 20^2, 30, 60\})$	832
60	$\mathcal{O}(0; \{4, 15, 30^2, 60\})$	624
60	$\mathcal{O}(0; \{2, 3^2, 5, 60^2\})$	144
60	$\mathcal{O}(0; \{2^2, 5, 6, 60^2\})$	48
60	$\mathcal{O}(0; \{6, 10^2, 60^2\})$	208
60	$\mathcal{O}(0; \{5, 12^2, 60^2\})$	576
60	$\mathcal{O}(0; \{5, 10, 15, 60^2\})$	816
60	$\mathcal{O}(0; \{4, 15, 20, 60^2\})$	832
60	$\mathcal{O}(0; \{2^2, 3, 30, 60^2\})$	144
60	$\mathcal{O}(0; \{6^2, 30, 60^2\})$	240
60	$\mathcal{O}(0; \{4, 12, 30, 60^2\})$	576
60	$\mathcal{O}(0; \{4, 10, 60^3\})$	832
60	$\mathcal{O}(0; \{3, 60^4\})$	4160
63	$\mathcal{O}(1; \{3, 7, 21\})$	42336
63	$\mathcal{O}(0; \{7, 9^3, 21\})$	216
63	$\mathcal{O}(0; \{7^2, 9^2, 63\})$	540
63	$\mathcal{O}(0; \{3, 9, 21, 63^2\})$	2160
63	$\mathcal{O}(0; \{3, 7, 63^3\})$	6696
64	$\mathcal{O}(1; \{2, 32^2\})$	49152
64	$\mathcal{O}(0; \{2^3, 32, 64^2\})$	512
64	$\mathcal{O}(0; \{4^2, 32, 64^2\})$	2048
64	$\mathcal{O}(0; \{2, 64^4\})$	32768
65	$\mathcal{O}(1; \{5^3\})$	50400
66	$\mathcal{O}(1; \{2, 11, 22\})$	38720

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
66	$\mathcal{O}(0; \{2, 3^3, 11, 22\})$	20
66	$\mathcal{O}(0; \{2^2, 3, 6, 11, 22\})$	20
66	$\mathcal{O}(0; \{6^3, 11, 22\})$	20
66	$\mathcal{O}(0; \{3, 6, 22^3\})$	180
66	$\mathcal{O}(0; \{2, 22, 33^3\})$	1820
66	$\mathcal{O}(0; \{2^3, 11, 33, 66\})$	180
66	$\mathcal{O}(0; \{3, 6, 11, 33, 66\})$	540
66	$\mathcal{O}(0; \{2, 22^2, 33, 66\})$	1820
66	$\mathcal{O}(0; \{2, 11, 66^3\})$	1820
69	$\mathcal{O}(0; \{3^2, 23, 69^2\})$	2772
70	$\mathcal{O}(0; \{2^3, 7, 10, 35\})$	24
70	$\mathcal{O}(0; \{2, 10, 14^2, 35\})$	120
70	$\mathcal{O}(0; \{2, 7, 14, 35^2\})$	744
70	$\mathcal{O}(0; \{2, 5, 35^2, 70\})$	1560
70	$\mathcal{O}(0; \{2, 7, 10, 70^2\})$	360
72	$\mathcal{O}(0; \{2, 8, 9, 18, 24\})$	48
72	$\mathcal{O}(0; \{2, 8^2, 18, 36\})$	48
72	$\mathcal{O}(0; \{3, 4, 8, 9, 72\})$	96
72	$\mathcal{O}(0; \{2, 8, 9, 12, 72\})$	96
72	$\mathcal{O}(0; \{3^2, 9, 24, 72\})$	192
72	$\mathcal{O}(0; \{2, 6, 9, 24, 72\})$	96
72	$\mathcal{O}(0; \{3^2, 8, 36, 72\})$	192
72	$\mathcal{O}(0; \{2, 6, 8, 36, 72\})$	96
72	$\mathcal{O}(0; \{2, 4, 24, 36, 72\})$	192
72	$\mathcal{O}(0; \{2, 4, 18, 72^2\})$	144
75	$\mathcal{O}(0; \{3^2, 5, 25, 75\})$	160
78	$\mathcal{O}(2; \emptyset)$	34272000
78	$\mathcal{O}(1; \{2^4\})$	5376
78	$\mathcal{O}(1; \{3^3\})$	9072
78	$\mathcal{O}(1; \{2, 3, 6\})$	12096
78	$\mathcal{O}(0; \{2, 3, 13^2, 78\})$	264
79	$\mathcal{O}(1; \{79^2\})$	486798
80	$\mathcal{O}(1; \{40^2\})$	76800
80	$\mathcal{O}(0; \{2^2, 40, 80^2\})$	384
80	$\mathcal{O}(0; \{80^4\})$	26624
81	$\mathcal{O}(1; \{27^2\})$	104976
81	$\mathcal{O}(0; \{27, 81^3\})$	26244
84	$\mathcal{O}(1; \{14^2\})$	28224
84	$\mathcal{O}(0; \{2, 3, 4, 28, 42\})$	24
84	$\mathcal{O}(0; \{2^2, 12, 28, 42\})$	24
84	$\mathcal{O}(0; \{21, 28^2, 42\})$	744
84	$\mathcal{O}(0; \{2, 3, 4, 21, 84\})$	24
84	$\mathcal{O}(0; \{2^2, 12, 21, 84\})$	24

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
84	$\mathcal{O}(0; \{21^2, 28, 84\})$	744
84	$\mathcal{O}(0; \{14, 28, 42, 84\})$	744
84	$\mathcal{O}(0; \{12, 42^2, 84\})$	360
84	$\mathcal{O}(0; \{14, 21, 84^2\})$	744
84	$\mathcal{O}(0; \{12, 28, 84^2\})$	480
88	$\mathcal{O}(0; \{2^2, 8, 11, 88\})$	40
88	$\mathcal{O}(0; \{8, 22^2, 88\})$	360
90	$\mathcal{O}(0; \{9, 15, 18, 30\})$	96
90	$\mathcal{O}(0; \{9, 10, 30, 45\})$	144
90	$\mathcal{O}(0; \{6, 18, 45^2\})$	144
90	$\mathcal{O}(0; \{2^2, 5, 18, 90\})$	24
90	$\mathcal{O}(0; \{10^2, 18, 90\})$	72
90	$\mathcal{O}(0; \{9^2, 30, 90\})$	144
90	$\mathcal{O}(0; \{6, 18, 30, 90\})$	96
90	$\mathcal{O}(0; \{6, 15, 45, 90\})$	288
90	$\mathcal{O}(0; \{5, 30, 45, 90\})$	624
91	$\mathcal{O}(1; \{7^2\})$	49392
92	$\mathcal{O}(0; \{2^2, 4, 23, 92\})$	44
92	$\mathcal{O}(0; \{4, 46^2, 92\})$	924
96	$\mathcal{O}(0; \{2^2, 3, 32, 96\})$	32
96	$\mathcal{O}(0; \{6^2, 32, 96\})$	32
96	$\mathcal{O}(0; \{4, 12, 32, 96\})$	128
96	$\mathcal{O}(0; \{3, 48, 96^2\})$	768
104	$\mathcal{O}(1; \{4^2\})$	16128
105	$\mathcal{O}(0; \{3, 7, 35, 105\})$	240
106	$\mathcal{O}(0; \{2^3, 53, 106\})$	52
106	$\mathcal{O}(0; \{2, 106^3\})$	2652
108	$\mathcal{O}(0; \{4^2, 27, 54\})$	36
108	$\mathcal{O}(0; \{2, 36, 54, 108\})$	216
108	$\mathcal{O}(0; \{2, 27, 108^2\})$	324
110	$\mathcal{O}(0; \{2, 22, 55^2\})$	360
112	$\mathcal{O}(0; \{2, 16, 28, 112\})$	96
117	$\mathcal{O}(1; \{3^2\})$	24192
120	$\mathcal{O}(0; \{2, 8, 15, 120\})$	32
120	$\mathcal{O}(0; \{3^2, 40, 120\})$	32
120	$\mathcal{O}(0; \{2, 6, 40, 120\})$	32
126	$\mathcal{O}(0; \{2, 7, 9, 126\})$	36
138	$\mathcal{O}(0; \{2, 3, 46, 69\})$	44
156	$\mathcal{O}(1; \{2^2\})$	16128
158	$\mathcal{O}(0; \{2^2, 158^2\})$	78
159	$\mathcal{O}(0; \{159^3\})$	5304
160	$\mathcal{O}(0; \{80, 160^2\})$	1536
162	$\mathcal{O}(0; \{54, 81, 162\})$	972

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
165	$\mathcal{O}(0; \{33, 55, 165\})$	720
168	$\mathcal{O}(0; \{24, 56, 84\})$	96
168	$\mathcal{O}(0; \{24, 42, 168\})$	48
168	$\mathcal{O}(0; \{21, 56, 168\})$	240
176	$\mathcal{O}(0; \{16, 22, 176\})$	80
180	$\mathcal{O}(0; \{10, 36, 180\})$	48
180	$\mathcal{O}(0; \{9, 60, 180\})$	96
184	$\mathcal{O}(0; \{8, 46, 184\})$	88
192	$\mathcal{O}(0; \{6, 64, 192\})$	64
212	$\mathcal{O}(0; \{4, 106, 212\})$	104
237	$\mathcal{O}(0; \{3, 237^2\})$	156
240	$\mathcal{O}(0; \{3, 80, 240\})$	64
316	$\mathcal{O}(0; \{2, 316^2\})$	156
318	$\mathcal{O}(0; \{2, 159, 318\})$	104

Table 10: 80-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(80; \emptyset)$	1
2	$\mathcal{O}(40; \{2^2\})$	1208925819614629174706176
2	$\mathcal{O}(39; \{2^6\})$	302231454903657293676544
2	$\mathcal{O}(38; \{2^{10}\})$	75557863725914323419136
2	$\mathcal{O}(37; \{2^{14}\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^{18}\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{22}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{26}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{30}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{34}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{38}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{42}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{46}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{50}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{54}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{58}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{62}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{66}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{70}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{74}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{78}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{82}\})$	1099511627776

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(19; \{2^{86}\})$	274877906944
2	$\mathcal{O}(18; \{2^{90}\})$	68719476736
2	$\mathcal{O}(17; \{2^{94}\})$	17179869184
2	$\mathcal{O}(16; \{2^{98}\})$	4294967296
2	$\mathcal{O}(15; \{2^{102}\})$	1073741824
2	$\mathcal{O}(14; \{2^{106}\})$	268435456
2	$\mathcal{O}(13; \{2^{110}\})$	67108864
2	$\mathcal{O}(12; \{2^{114}\})$	16777216
2	$\mathcal{O}(11; \{2^{118}\})$	4194304
2	$\mathcal{O}(10; \{2^{122}\})$	1048576
2	$\mathcal{O}(9; \{2^{126}\})$	262144
2	$\mathcal{O}(8; \{2^{130}\})$	65536
2	$\mathcal{O}(7; \{2^{134}\})$	16384
2	$\mathcal{O}(6; \{2^{138}\})$	4096
2	$\mathcal{O}(5; \{2^{142}\})$	1024
2	$\mathcal{O}(4; \{2^{146}\})$	256
2	$\mathcal{O}(3; \{2^{150}\})$	64
2	$\mathcal{O}(2; \{2^{154}\})$	16
2	$\mathcal{O}(1; \{2^{158}\})$	4
2	$\mathcal{O}(0; \{2^{162}\})$	1
3	$\mathcal{O}(26; \{3^4\})$	38766491335360039793593446
3	$\mathcal{O}(25; \{3^7\})$	30151715483057808728350458
3	$\mathcal{O}(24; \{3^{10}\})$	27280123532290398373269462
3	$\mathcal{O}(23; \{3^{13}\})$	24195821066651327991886170
3	$\mathcal{O}(22; \{3^{16}\})$	21513305129103170993518326
3	$\mathcal{O}(21; \{3^{19}\})$	19122281378601362920083258
3	$\mathcal{O}(20; \{3^{22}\})$	16997656393638410270535702
3	$\mathcal{O}(19; \{3^{25}\})$	15109019800346058646968090
3	$\mathcal{O}(18; \{3^{28}\})$	13430240723097641690410806
3	$\mathcal{O}(17; \{3^{31}\})$	11937991653801480193476858
3	$\mathcal{O}(16; \{3^{34}\})$	10611548147830547971757142
3	$\mathcal{O}(15; \{3^{37}\})$	9432487241280695848994010
3	$\mathcal{O}(14; \{3^{40}\})$	8384433103497879287168886
3	$\mathcal{O}(13; \{3^{43}\})$	7452829425316197060291258
3	$\mathcal{O}(12; \{3^{46}\})$	6624737266949425297477782
3	$\mathcal{O}(11; \{3^{49}\})$	5888655348399300866955930
3	$\mathcal{O}(10; \{3^{52}\})$	5234360309688288358000566
3	$\mathcal{O}(9; \{3^{55}\})$	4652764719722920660366458
3	$\mathcal{O}(8; \{3^{58}\})$	4135790861975929734161622
3	$\mathcal{O}(7; \{3^{61}\})$	3676258543978604179445850
3	$\mathcal{O}(6; \{3^{64}\})$	3267785372425425940473846
3	$\mathcal{O}(5; \{3^{67}\})$	2904698108822600835622458
3	$\mathcal{O}(4; \{3^{70}\})$	2581953874508978520592662

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(3; \{3^{73}\})$	2295070110674647573855770
3	$\mathcal{O}(2; \{3^{76}\})$	2040062320599686732316726
3	$\mathcal{O}(1; \{3^{79}\})$	1813388729421943762059258
3	$\mathcal{O}(0; \{3^{82}\})$	1611901092819505566274902
4	$\mathcal{O}(20; \{4^2\})$	2417851639229258349412352
4	$\mathcal{O}(19; \{2^4, 4^2\})$	151115727451828646838272
4	$\mathcal{O}(19; \{2, 4^4\})$	604462909807314587353088
4	$\mathcal{O}(18; \{2^8, 4^2\})$	9444732965739290427392
4	$\mathcal{O}(18; \{2^5, 4^4\})$	37778931862957161709568
4	$\mathcal{O}(18; \{2^2, 4^6\})$	151115727451828646838272
4	$\mathcal{O}(17; \{2^{12}, 4^2\})$	590295810358705651712
4	$\mathcal{O}(17; \{2^9, 4^4\})$	2361183241434822606848
4	$\mathcal{O}(17; \{2^6, 4^6\})$	9444732965739290427392
4	$\mathcal{O}(17; \{2^3, 4^8\})$	37778931862957161709568
4	$\mathcal{O}(17; \{4^{10}\})$	151115727451828646838272
4	$\mathcal{O}(16; \{2^{16}, 4^2\})$	36893488147419103232
4	$\mathcal{O}(16; \{2^{13}, 4^4\})$	147573952589676412928
4	$\mathcal{O}(16; \{2^{10}, 4^6\})$	590295810358705651712
4	$\mathcal{O}(16; \{2^7, 4^8\})$	2361183241434822606848
4	$\mathcal{O}(16; \{2^4, 4^{10}\})$	9444732965739290427392
4	$\mathcal{O}(16; \{2, 4^{12}\})$	37778931862957161709568
4	$\mathcal{O}(15; \{2^{20}, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2^{17}, 4^4\})$	9223372036854775808
4	$\mathcal{O}(15; \{2^{14}, 4^6\})$	36893488147419103232
4	$\mathcal{O}(15; \{2^{11}, 4^8\})$	147573952589676412928
4	$\mathcal{O}(15; \{2^8, 4^{10}\})$	590295810358705651712
4	$\mathcal{O}(15; \{2^5, 4^{12}\})$	2361183241434822606848
4	$\mathcal{O}(15; \{2^2, 4^{14}\})$	9444732965739290427392
4	$\mathcal{O}(14; \{2^{24}, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^{21}, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^{18}, 4^6\})$	2305843009213693952
4	$\mathcal{O}(14; \{2^{15}, 4^8\})$	9223372036854775808
4	$\mathcal{O}(14; \{2^{12}, 4^{10}\})$	36893488147419103232
4	$\mathcal{O}(14; \{2^9, 4^{12}\})$	147573952589676412928
4	$\mathcal{O}(14; \{2^6, 4^{14}\})$	590295810358705651712
4	$\mathcal{O}(14; \{2^3, 4^{16}\})$	2361183241434822606848
4	$\mathcal{O}(14; \{4^{18}\})$	9444732965739290427392
4	$\mathcal{O}(13; \{2^{28}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^{25}, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^{22}, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^{19}, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{2^{16}, 4^{10}\})$	2305843009213693952
4	$\mathcal{O}(13; \{2^{13}, 4^{12}\})$	9223372036854775808

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(13; \{2^{10}, 4^{14}\})$	36893488147419103232
4	$\mathcal{O}(13; \{2^7, 4^{16}\})$	147573952589676412928
4	$\mathcal{O}(13; \{2^4, 4^{18}\})$	590295810358705651712
4	$\mathcal{O}(13; \{2, 4^{20}\})$	2361183241434822606848
4	$\mathcal{O}(12; \{2^{32}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{29}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{26}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^{23}, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^{20}, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2^{17}, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(12; \{2^{14}, 4^{14}\})$	2305843009213693952
4	$\mathcal{O}(12; \{2^{11}, 4^{16}\})$	9223372036854775808
4	$\mathcal{O}(12; \{2^8, 4^{18}\})$	36893488147419103232
4	$\mathcal{O}(12; \{2^5, 4^{20}\})$	147573952589676412928
4	$\mathcal{O}(12; \{2^2, 4^{22}\})$	590295810358705651712
4	$\mathcal{O}(11; \{2^{36}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{33}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{30}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{27}, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^{24}, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^{21}, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(11; \{2^{18}, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(11; \{2^{15}, 4^{16}\})$	576460752303423488
4	$\mathcal{O}(11; \{2^{12}, 4^{18}\})$	2305843009213693952
4	$\mathcal{O}(11; \{2^9, 4^{20}\})$	9223372036854775808
4	$\mathcal{O}(11; \{2^6, 4^{22}\})$	36893488147419103232
4	$\mathcal{O}(11; \{2^3, 4^{24}\})$	147573952589676412928
4	$\mathcal{O}(11; \{4^{26}\})$	590295810358705651712
4	$\mathcal{O}(10; \{2^{40}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{37}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{34}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{31}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^{28}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^{25}, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^{22}, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^{19}, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(10; \{2^{16}, 4^{18}\})$	144115188075855872
4	$\mathcal{O}(10; \{2^{13}, 4^{20}\})$	576460752303423488
4	$\mathcal{O}(10; \{2^{10}, 4^{22}\})$	2305843009213693952
4	$\mathcal{O}(10; \{2^7, 4^{24}\})$	9223372036854775808
4	$\mathcal{O}(10; \{2^4, 4^{26}\})$	36893488147419103232
4	$\mathcal{O}(10; \{2, 4^{28}\})$	147573952589676412928
4	$\mathcal{O}(9; \{2^{44}, 4^2\})$	137438953472

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(9; \{2^{41}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{38}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{35}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{32}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{29}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^{26}, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^{23}, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^{20}, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(9; \{2^{17}, 4^{20}\})$	36028797018963968
4	$\mathcal{O}(9; \{2^{14}, 4^{22}\})$	144115188075855872
4	$\mathcal{O}(9; \{2^{11}, 4^{24}\})$	576460752303423488
4	$\mathcal{O}(9; \{2^8, 4^{26}\})$	2305843009213693952
4	$\mathcal{O}(9; \{2^5, 4^{28}\})$	9223372036854775808
4	$\mathcal{O}(9; \{2^2, 4^{30}\})$	36893488147419103232
4	$\mathcal{O}(8; \{2^{48}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{45}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{42}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{39}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{36}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{33}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{30}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^{27}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^{24}, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^{21}, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^{18}, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(8; \{2^{15}, 4^{24}\})$	36028797018963968
4	$\mathcal{O}(8; \{2^{12}, 4^{26}\})$	144115188075855872
4	$\mathcal{O}(8; \{2^9, 4^{28}\})$	576460752303423488
4	$\mathcal{O}(8; \{2^6, 4^{30}\})$	2305843009213693952
4	$\mathcal{O}(8; \{2^3, 4^{32}\})$	9223372036854775808
4	$\mathcal{O}(8; \{4^{34}\})$	36893488147419103232
4	$\mathcal{O}(7; \{2^{52}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{49}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{46}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{43}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{40}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{37}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{34}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{31}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{28}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^{25}, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^{22}, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^{19}, 4^{24}\})$	2251799813685248

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(7; \{2^{16}, 4^{26}\})$	9007199254740992
4	$\mathcal{O}(7; \{2^{13}, 4^{28}\})$	36028797018963968
4	$\mathcal{O}(7; \{2^{10}, 4^{30}\})$	144115188075855872
4	$\mathcal{O}(7; \{2^7, 4^{32}\})$	576460752303423488
4	$\mathcal{O}(7; \{2^4, 4^{34}\})$	2305843009213693952
4	$\mathcal{O}(7; \{2, 4^{36}\})$	9223372036854775808
4	$\mathcal{O}(6; \{2^{56}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{53}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{50}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{47}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{44}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{41}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{38}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{35}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{32}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{29}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{26}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^{23}, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^{20}, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2^{17}, 4^{28}\})$	2251799813685248
4	$\mathcal{O}(6; \{2^{14}, 4^{30}\})$	9007199254740992
4	$\mathcal{O}(6; \{2^{11}, 4^{32}\})$	36028797018963968
4	$\mathcal{O}(6; \{2^8, 4^{34}\})$	144115188075855872
4	$\mathcal{O}(6; \{2^5, 4^{36}\})$	576460752303423488
4	$\mathcal{O}(6; \{2^2, 4^{38}\})$	2305843009213693952
4	$\mathcal{O}(5; \{2^{60}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{57}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{54}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{51}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{48}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{45}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{42}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{39}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{36}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{33}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{30}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{27}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^{24}, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^{21}, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2^{18}, 4^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{2^{15}, 4^{32}\})$	2251799813685248
4	$\mathcal{O}(5; \{2^{12}, 4^{34}\})$	9007199254740992
4	$\mathcal{O}(5; \{2^9, 4^{36}\})$	36028797018963968

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(5; \{2^6, 4^{38}\})$	144115188075855872
4	$\mathcal{O}(5; \{2^3, 4^{40}\})$	576460752303423488
4	$\mathcal{O}(5; \{4^{42}\})$	2305843009213693952
4	$\mathcal{O}(4; \{2^{64}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{61}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{58}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{55}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{52}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{49}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{46}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{43}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{40}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{37}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{34}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{31}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{28}, 4^{26}\})$	219902325552
4	$\mathcal{O}(4; \{2^{25}, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^{22}, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^{19}, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{2^{16}, 4^{34}\})$	562949953421312
4	$\mathcal{O}(4; \{2^{13}, 4^{36}\})$	2251799813685248
4	$\mathcal{O}(4; \{2^{10}, 4^{38}\})$	9007199254740992
4	$\mathcal{O}(4; \{2^7, 4^{40}\})$	36028797018963968
4	$\mathcal{O}(4; \{2^4, 4^{42}\})$	144115188075855872
4	$\mathcal{O}(4; \{2, 4^{44}\})$	576460752303423488
4	$\mathcal{O}(3; \{2^{68}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{65}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{62}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{59}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{56}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{53}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{50}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{47}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{44}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{41}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{38}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{35}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{32}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{29}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{26}, 4^{30}\})$	219902325552
4	$\mathcal{O}(3; \{2^{23}, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^{20}, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{2^{17}, 4^{36}\})$	140737488355328

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{2^{14}, 4^{38}\})$	562949953421312
4	$\mathcal{O}(3; \{2^{11}, 4^{40}\})$	2251799813685248
4	$\mathcal{O}(3; \{2^8, 4^{42}\})$	9007199254740992
4	$\mathcal{O}(3; \{2^5, 4^{44}\})$	36028797018963968
4	$\mathcal{O}(3; \{2^2, 4^{46}\})$	144115188075855872
4	$\mathcal{O}(2; \{2^{72}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{69}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{66}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{63}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{60}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{57}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{54}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{51}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{48}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{45}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{42}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{39}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{36}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{33}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{30}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{27}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^{24}, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^{21}, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^{18}, 4^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{2^{15}, 4^{40}\})$	140737488355328
4	$\mathcal{O}(2; \{2^{12}, 4^{42}\})$	562949953421312
4	$\mathcal{O}(2; \{2^9, 4^{44}\})$	2251799813685248
4	$\mathcal{O}(2; \{2^6, 4^{46}\})$	9007199254740992
4	$\mathcal{O}(2; \{2^3, 4^{48}\})$	36028797018963968
4	$\mathcal{O}(2; \{4^{50}\})$	144115188075855872
4	$\mathcal{O}(1; \{2^{76}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{73}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{70}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{67}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{64}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{61}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{58}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{55}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{52}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{49}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{46}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{43}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{40}, 4^{26}\})$	536870912

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{2^{37}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{34}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{31}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{28}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^{25}, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^{22}, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^{19}, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{2^{16}, 4^{42}\})$	35184372088832
4	$\mathcal{O}(1; \{2^{13}, 4^{44}\})$	140737488355328
4	$\mathcal{O}(1; \{2^{10}, 4^{46}\})$	562949953421312
4	$\mathcal{O}(1; \{2^7, 4^{48}\})$	2251799813685248
4	$\mathcal{O}(1; \{2^4, 4^{50}\})$	9007199254740992
4	$\mathcal{O}(1; \{2, 4^{52}\})$	36028797018963968
4	$\mathcal{O}(0; \{2^{80}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{77}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{74}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{71}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{68}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{65}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{62}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{59}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{56}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{53}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{50}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{47}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{44}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{41}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{38}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{35}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{32}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{29}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{26}, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^{23}, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^{20}, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2^{17}, 4^{44}\})$	8796093022208
4	$\mathcal{O}(0; \{2^{14}, 4^{46}\})$	35184372088832
4	$\mathcal{O}(0; \{2^{11}, 4^{48}\})$	140737488355328
4	$\mathcal{O}(0; \{2^8, 4^{50}\})$	562949953421312
4	$\mathcal{O}(0; \{2^5, 4^{52}\})$	2251799813685248
4	$\mathcal{O}(0; \{2^2, 4^{54}\})$	9007199254740992
5	$\mathcal{O}(16; \{5^2\})$	93132257461547851562500
5	$\mathcal{O}(14; \{5^7\})$	122040510177612304687500
5	$\mathcal{O}(12; \{5^{12}\})$	200000047683715820312500

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
5	$\mathcal{O}(10; \{5^{17}\})$	32767999923706054687500
5	$\mathcal{O}(8; \{5^{22}\})$	536870912000122070312500
5	$\mathcal{O}(6; \{5^{27}\})$	879609302220799804687500
5	$\mathcal{O}(4; \{5^{32}\})$	1441151880758558720312500
5	$\mathcal{O}(2; \{5^{37}\})$	2361183241434822606847500
5	$\mathcal{O}(0; \{5^{42}\})$	3868562622766813359059764
6	$\mathcal{O}(13; \{2^2, 3^2\})$	341163456359156416512
6	$\mathcal{O}(13; \{3, 6^2\})$	341163456359156416512
6	$\mathcal{O}(12; \{2^6, 3^2\})$	9476762676643233792
6	$\mathcal{O}(12; \{2^2, 3^5\})$	47383813383216168960
6	$\mathcal{O}(12; \{2^3, 3^3, 6\})$	28430288029929701376
6	$\mathcal{O}(12; \{2^4, 3, 6^2\})$	9476762676643233792
6	$\mathcal{O}(12; \{3^4, 6^2\})$	104244389443075571712
6	$\mathcal{O}(12; \{2, 3^2, 6^3\})$	47383813383216168960
6	$\mathcal{O}(12; \{2^2, 6^4\})$	28430288029929701376
6	$\mathcal{O}(11; \{2^{10}, 3^2\})$	263243407684534272
6	$\mathcal{O}(11; \{2^6, 3^5\})$	1316217038422671360
6	$\mathcal{O}(11; \{2^2, 3^8\})$	11319466530434973696
6	$\mathcal{O}(11; \{2^7, 3^3, 6\})$	789730223053602816
6	$\mathcal{O}(11; \{2^3, 3^6, 6\})$	5528111561375219712
6	$\mathcal{O}(11; \{2^8, 3, 6^2\})$	263243407684534272
6	$\mathcal{O}(11; \{2^4, 3^4, 6^2\})$	2895677484529876992
6	$\mathcal{O}(11; \{3^7, 6^2\})$	22375689653185413120
6	$\mathcal{O}(11; \{2^5, 3^2, 6^3\})$	1316217038422671360
6	$\mathcal{O}(11; \{2, 3^5, 6^3\})$	11319466530434973696
6	$\mathcal{O}(11; \{2^6, 6^4\})$	789730223053602816
6	$\mathcal{O}(11; \{2^2, 3^3, 6^4\})$	5528111561375219712
6	$\mathcal{O}(11; \{2^3, 3, 6^5\})$	2895677484529876992
6	$\mathcal{O}(11; \{3^2, 6^6\})$	11319466530434973696
6	$\mathcal{O}(11; \{2, 6^7\})$	5528111561375219712
6	$\mathcal{O}(10; \{2^{14}, 3^2\})$	7312316880125952
6	$\mathcal{O}(10; \{2^{10}, 3^5\})$	36561584400629760
6	$\mathcal{O}(10; \{2^6, 3^8\})$	314429625845415936
6	$\mathcal{O}(10; \{2^2, 3^{11}\})$	2493500056122949632
6	$\mathcal{O}(10; \{2^{11}, 3^3, 6\})$	21936950640377856
6	$\mathcal{O}(10; \{2^7, 3^6, 6\})$	153558654482644992
6	$\mathcal{O}(10; \{2^3, 3^9, 6\})$	1250406186501537792
6	$\mathcal{O}(10; \{2^{12}, 3, 6^2\})$	7312316880125952
6	$\mathcal{O}(10; \{2^8, 3^4, 6^2\})$	80435485681385472
6	$\mathcal{O}(10; \{2^4, 3^7, 6^2\})$	621546934810705920
6	$\mathcal{O}(10; \{3^{10}, 6^2\})$	4994312429126025216
6	$\mathcal{O}(10; \{2^9, 3^2, 6^3\})$	36561584400629760
6	$\mathcal{O}(10; \{2^5, 3^5, 6^3\})$	314429625845415936

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{2, 3^8, 6^3\})$	2493500056122949632
6	$\mathcal{O}(10; \{2^{10}, 6^4\})$	21936950640377856
6	$\mathcal{O}(10; \{2^6, 3^3, 6^4\})$	153558654482644992
6	$\mathcal{O}(10; \{2^2, 3^6, 6^4\})$	1250406186501537792
6	$\mathcal{O}(10; \{2^7, 3, 6^5\})$	80435485681385472
6	$\mathcal{O}(10; \{2^3, 3^4, 6^5\})$	621546934810705920
6	$\mathcal{O}(10; \{2^4, 3^2, 6^6\})$	314429625845415936
6	$\mathcal{O}(10; \{3^5, 6^6\})$	2493500056122949632
6	$\mathcal{O}(10; \{2^5, 6^7\})$	153558654482644992
6	$\mathcal{O}(10; \{2, 3^3, 6^7\})$	1250406186501537792
6	$\mathcal{O}(10; \{2^2, 3, 6^8\})$	621546934810705920
6	$\mathcal{O}(10; \{6^{10}\})$	1250406186501537792
6	$\mathcal{O}(9; \{2^{18}, 3^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^{14}, 3^5\})$	1015599566684160
6	$\mathcal{O}(9; \{2^{10}, 3^8\})$	8734156273483776
6	$\mathcal{O}(9; \{2^6, 3^{11}\})$	69263890447859712
6	$\mathcal{O}(9; \{2^2, 3^{14}\})$	554720483322888192
6	$\mathcal{O}(9; \{2^{15}, 3^3, 6\})$	609359740010496
6	$\mathcal{O}(9; \{2^{11}, 3^6, 6\})$	4265518180073472
6	$\mathcal{O}(9; \{2^7, 3^9, 6\})$	34733505180598272
6	$\mathcal{O}(9; \{2^3, 3^{12}, 6\})$	277258681704775680
6	$\mathcal{O}(9; \{2^{16}, 3, 6^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^{12}, 3^4, 6^2\})$	2234319046705152
6	$\mathcal{O}(9; \{2^8, 3^7, 6^2\})$	17265192633630720
6	$\mathcal{O}(9; \{2^4, 3^{10}, 6^2\})$	138730900809056256
6	$\mathcal{O}(9; \{3^{13}, 6^2\})$	1109237846732439552
6	$\mathcal{O}(9; \{2^{13}, 3^2, 6^3\})$	1015599566684160
6	$\mathcal{O}(9; \{2^9, 3^5, 6^3\})$	8734156273483776
6	$\mathcal{O}(9; \{2^5, 3^8, 6^3\})$	69263890447859712
6	$\mathcal{O}(9; \{2, 3^{11}, 6^3\})$	554720483322888192
6	$\mathcal{O}(9; \{2^{14}, 6^4\})$	609359740010496
6	$\mathcal{O}(9; \{2^{10}, 3^3, 6^4\})$	4265518180073472
6	$\mathcal{O}(9; \{2^6, 3^6, 6^4\})$	34733505180598272
6	$\mathcal{O}(9; \{2^2, 3^9, 6^4\})$	277258681704775680
6	$\mathcal{O}(9; \{2^{11}, 3, 6^5\})$	2234319046705152
6	$\mathcal{O}(9; \{2^7, 3^4, 6^5\})$	17265192633630720
6	$\mathcal{O}(9; \{2^3, 3^7, 6^5\})$	138730900809056256
6	$\mathcal{O}(9; \{2^8, 3^2, 6^6\})$	8734156273483776
6	$\mathcal{O}(9; \{2^4, 3^5, 6^6\})$	69263890447859712
6	$\mathcal{O}(9; \{3^8, 6^6\})$	554720483322888192
6	$\mathcal{O}(9; \{2^9, 6^7\})$	4265518180073472
6	$\mathcal{O}(9; \{2^5, 3^3, 6^7\})$	34733505180598272
6	$\mathcal{O}(9; \{2, 3^6, 6^7\})$	277258681704775680

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{2^6, 3, 6^8\})$	17265192633630720
6	$\mathcal{O}(9; \{2^2, 3^4, 6^8\})$	138730900809056256
6	$\mathcal{O}(9; \{2^3, 3^2, 6^9\})$	69263890447859712
6	$\mathcal{O}(9; \{2^4, 6^{10}\})$	34733505180598272
6	$\mathcal{O}(9; \{3^3, 6^{10}\})$	277258681704775680
6	$\mathcal{O}(9; \{2, 3, 6^{11}\})$	138730900809056256
6	$\mathcal{O}(8; \{2^{22}, 3^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^{18}, 3^5\})$	28211099074560
6	$\mathcal{O}(8; \{2^{14}, 3^8\})$	242615452041216
6	$\mathcal{O}(8; \{2^{10}, 3^{11}\})$	1923996956884992
6	$\mathcal{O}(8; \{2^6, 3^{14}\})$	15408902314524672
6	$\mathcal{O}(8; \{2^2, 3^{17}\})$	123254291856752640
6	$\mathcal{O}(8; \{2^{19}, 3^3, 6\})$	16926659444736
6	$\mathcal{O}(8; \{2^{15}, 3^6, 6\})$	118486616113152
6	$\mathcal{O}(8; \{2^{11}, 3^9, 6\})$	964819588349952
6	$\mathcal{O}(8; \{2^7, 3^{12}, 6\})$	7701630047354880
6	$\mathcal{O}(8; \{2^3, 3^{15}, 6\})$	61629967038283776
6	$\mathcal{O}(8; \{2^{20}, 3, 6^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^{16}, 3^4, 6^2\})$	62064417964032
6	$\mathcal{O}(8; \{2^{12}, 3^7, 6^2\})$	479588684267520
6	$\mathcal{O}(8; \{2^8, 3^{10}, 6^2\})$	3853636133584896
6	$\mathcal{O}(8; \{2^4, 3^{13}, 6^2\})$	30812162409234432
6	$\mathcal{O}(8; \{3^{16}, 6^2\})$	246514225933320192
6	$\mathcal{O}(8; \{2^{17}, 3^2, 6^3\})$	28211099074560
6	$\mathcal{O}(8; \{2^{13}, 3^5, 6^3\})$	242615452041216
6	$\mathcal{O}(8; \{2^9, 3^8, 6^3\})$	1923996956884992
6	$\mathcal{O}(8; \{2^5, 3^{11}, 6^3\})$	15408902314524672
6	$\mathcal{O}(8; \{2, 3^{14}, 6^3\})$	123254291856752640
6	$\mathcal{O}(8; \{2^{18}, 6^4\})$	16926659444736
6	$\mathcal{O}(8; \{2^{14}, 3^3, 6^4\})$	118486616113152
6	$\mathcal{O}(8; \{2^{10}, 3^6, 6^4\})$	964819588349952
6	$\mathcal{O}(8; \{2^6, 3^9, 6^4\})$	7701630047354880
6	$\mathcal{O}(8; \{2^2, 3^{12}, 6^4\})$	61629967038283776
6	$\mathcal{O}(8; \{2^{15}, 3, 6^5\})$	62064417964032
6	$\mathcal{O}(8; \{2^{11}, 3^4, 6^5\})$	479588684267520
6	$\mathcal{O}(8; \{2^7, 3^7, 6^5\})$	3853636133584896
6	$\mathcal{O}(8; \{2^3, 3^{10}, 6^5\})$	30812162409234432
6	$\mathcal{O}(8; \{2^{12}, 3^2, 6^6\})$	242615452041216
6	$\mathcal{O}(8; \{2^8, 3^5, 6^6\})$	1923996956884992
6	$\mathcal{O}(8; \{2^4, 3^8, 6^6\})$	15408902314524672
6	$\mathcal{O}(8; \{3^{11}, 6^6\})$	123254291856752640
6	$\mathcal{O}(8; \{2^{13}, 6^7\})$	118486616113152
6	$\mathcal{O}(8; \{2^9, 3^3, 6^7\})$	964819588349952

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{2^5, 3^6, 6^7\})$	7701630047354880
6	$\mathcal{O}(8; \{2, 3^9, 6^7\})$	61629967038283776
6	$\mathcal{O}(8; \{2^{10}, 3, 6^8\})$	479588684267520
6	$\mathcal{O}(8; \{2^6, 3^4, 6^8\})$	3853636133584896
6	$\mathcal{O}(8; \{2^2, 3^7, 6^8\})$	30812162409234432
6	$\mathcal{O}(8; \{2^7, 3^2, 6^9\})$	1923996956884992
6	$\mathcal{O}(8; \{2^3, 3^5, 6^9\})$	15408902314524672
6	$\mathcal{O}(8; \{2^8, 6^{10}\})$	964819588349952
6	$\mathcal{O}(8; \{2^4, 3^3, 6^{10}\})$	7701630047354880
6	$\mathcal{O}(8; \{3^6, 6^{10}\})$	61629967038283776
6	$\mathcal{O}(8; \{2^5, 3, 6^{11}\})$	3853636133584896
6	$\mathcal{O}(8; \{2, 3^4, 6^{11}\})$	30812162409234432
6	$\mathcal{O}(8; \{2^2, 3^2, 6^{12}\})$	15408902314524672
6	$\mathcal{O}(8; \{2^3, 6^{13}\})$	7701630047354880
6	$\mathcal{O}(8; \{3, 6^{14}\})$	30812162409234432
6	$\mathcal{O}(7; \{2^{26}, 3^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{22}, 3^5\})$	783641640960
6	$\mathcal{O}(7; \{2^{18}, 3^8\})$	6739318112256
6	$\mathcal{O}(7; \{2^{14}, 3^{11}\})$	53444359913472
6	$\mathcal{O}(7; \{2^{10}, 3^{14}\})$	428025064292352
6	$\mathcal{O}(7; \{2^6, 3^{17}\})$	3423730329354240
6	$\mathcal{O}(7; \{2^2, 3^{20}\})$	27390312819818496
6	$\mathcal{O}(7; \{2^{23}, 3^3, 6\})$	470184984576
6	$\mathcal{O}(7; \{2^{19}, 3^6, 6\})$	3291294892032
6	$\mathcal{O}(7; \{2^{15}, 3^9, 6\})$	26800544120832
6	$\mathcal{O}(7; \{2^{11}, 3^{12}, 6\})$	213934167982080
6	$\mathcal{O}(7; \{2^7, 3^{15}, 6\})$	1711943528841216
6	$\mathcal{O}(7; \{2^3, 3^{18}, 6\})$	13695078045745152
6	$\mathcal{O}(7; \{2^{24}, 3, 6^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{20}, 3^4, 6^2\})$	1724011610112
6	$\mathcal{O}(7; \{2^{16}, 3^7, 6^2\})$	13321907896320
6	$\mathcal{O}(7; \{2^{12}, 3^{10}, 6^2\})$	107045448155136
6	$\mathcal{O}(7; \{2^8, 3^{13}, 6^2\})$	855893400256512
6	$\mathcal{O}(7; \{2^4, 3^{16}, 6^2\})$	6847617387036672
6	$\mathcal{O}(7; \{3^{19}, 6^2\})$	54780468911308800
6	$\mathcal{O}(7; \{2^{21}, 3^2, 6^3\})$	783641640960
6	$\mathcal{O}(7; \{2^{17}, 3^5, 6^3\})$	6739318112256
6	$\mathcal{O}(7; \{2^{13}, 3^8, 6^3\})$	53444359913472
6	$\mathcal{O}(7; \{2^9, 3^{11}, 6^3\})$	428025064292352
6	$\mathcal{O}(7; \{2^5, 3^{14}, 6^3\})$	3423730329354240
6	$\mathcal{O}(7; \{2, 3^{17}, 6^3\})$	27390312819818496
6	$\mathcal{O}(7; \{2^{22}, 6^4\})$	470184984576
6	$\mathcal{O}(7; \{2^{18}, 3^3, 6^4\})$	3291294892032

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{2^{14}, 3^6, 6^4\})$	26800544120832
6	$\mathcal{O}(7; \{2^{10}, 3^9, 6^4\})$	213934167982080
6	$\mathcal{O}(7; \{2^6, 3^{12}, 6^4\})$	1711943528841216
6	$\mathcal{O}(7; \{2^2, 3^{15}, 6^4\})$	13695078045745152
6	$\mathcal{O}(7; \{2^{19}, 3, 6^5\})$	1724011610112
6	$\mathcal{O}(7; \{2^{15}, 3^4, 6^5\})$	13321907896320
6	$\mathcal{O}(7; \{2^{11}, 3^7, 6^5\})$	107045448155136
6	$\mathcal{O}(7; \{2^7, 3^{10}, 6^5\})$	855893400256512
6	$\mathcal{O}(7; \{2^3, 3^{13}, 6^5\})$	6847617387036672
6	$\mathcal{O}(7; \{2^{16}, 3^2, 6^6\})$	6739318112256
6	$\mathcal{O}(7; \{2^{12}, 3^5, 6^6\})$	53444359913472
6	$\mathcal{O}(7; \{2^8, 3^8, 6^6\})$	428025064292352
6	$\mathcal{O}(7; \{2^4, 3^{11}, 6^6\})$	3423730329354240
6	$\mathcal{O}(7; \{3^{14}, 6^6\})$	27390312819818496
6	$\mathcal{O}(7; \{2^{17}, 6^7\})$	3291294892032
6	$\mathcal{O}(7; \{2^{13}, 3^3, 6^7\})$	26800544120832
6	$\mathcal{O}(7; \{2^9, 3^6, 6^7\})$	213934167982080
6	$\mathcal{O}(7; \{2^5, 3^9, 6^7\})$	1711943528841216
6	$\mathcal{O}(7; \{2, 3^{12}, 6^7\})$	13695078045745152
6	$\mathcal{O}(7; \{2^{14}, 3, 6^8\})$	13321907896320
6	$\mathcal{O}(7; \{2^{10}, 3^4, 6^8\})$	107045448155136
6	$\mathcal{O}(7; \{2^6, 3^7, 6^8\})$	855893400256512
6	$\mathcal{O}(7; \{2^2, 3^{10}, 6^8\})$	6847617387036672
6	$\mathcal{O}(7; \{2^{11}, 3^2, 6^9\})$	53444359913472
6	$\mathcal{O}(7; \{2^7, 3^5, 6^9\})$	428025064292352
6	$\mathcal{O}(7; \{2^3, 3^8, 6^9\})$	3423730329354240
6	$\mathcal{O}(7; \{2^{12}, 6^{10}\})$	26800544120832
6	$\mathcal{O}(7; \{2^8, 3^3, 6^{10}\})$	213934167982080
6	$\mathcal{O}(7; \{2^4, 3^6, 6^{10}\})$	1711943528841216
6	$\mathcal{O}(7; \{3^9, 6^{10}\})$	13695078045745152
6	$\mathcal{O}(7; \{2^9, 3, 6^{11}\})$	107045448155136
6	$\mathcal{O}(7; \{2^5, 3^4, 6^{11}\})$	855893400256512
6	$\mathcal{O}(7; \{2, 3^7, 6^{11}\})$	6847617387036672
6	$\mathcal{O}(7; \{2^6, 3^2, 6^{12}\})$	428025064292352
6	$\mathcal{O}(7; \{2^2, 3^5, 6^{12}\})$	3423730329354240
6	$\mathcal{O}(7; \{2^7, 6^{13}\})$	213934167982080
6	$\mathcal{O}(7; \{2^3, 3^3, 6^{13}\})$	1711943528841216
6	$\mathcal{O}(7; \{2^4, 3, 6^{14}\})$	855893400256512
6	$\mathcal{O}(7; \{3^4, 6^{14}\})$	6847617387036672
6	$\mathcal{O}(7; \{2, 3^2, 6^{15}\})$	3423730329354240
6	$\mathcal{O}(7; \{2^2, 6^{16}\})$	1711943528841216
6	$\mathcal{O}(6; \{2^{30}, 3^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{26}, 3^5\})$	21767823360

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^{12}, 3^8, 6^6\})$	11889585119232
6	$\mathcal{O}(6; \{2^8, 3^{11}, 6^6\})$	95103620259840
6	$\mathcal{O}(6; \{2^4, 3^{14}, 6^6\})$	760842022772736
6	$\mathcal{O}(6; \{3^{17}, 6^6\})$	6086723121487872
6	$\mathcal{O}(6; \{2^{21}, 6^7\})$	91424858112
6	$\mathcal{O}(6; \{2^{17}, 3^3, 6^7\})$	744459558912
6	$\mathcal{O}(6; \{2^{13}, 3^6, 6^7\})$	5942615777280
6	$\mathcal{O}(6; \{2^9, 3^9, 6^7\})$	47553986912256
6	$\mathcal{O}(6; \{2^5, 3^{12}, 6^7\})$	380418834604032
6	$\mathcal{O}(6; \{2, 3^{15}, 6^7\})$	3043363737526272
6	$\mathcal{O}(6; \{2^{18}, 3, 6^8\})$	370052997120
6	$\mathcal{O}(6; \{2^{14}, 3^4, 6^8\})$	2973484670976
6	$\mathcal{O}(6; \{2^{10}, 3^7, 6^8\})$	23774816673792
6	$\mathcal{O}(6; \{2^6, 3^{10}, 6^8\})$	190211594084352
6	$\mathcal{O}(6; \{2^2, 3^{13}, 6^8\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{15}, 3^2, 6^9\})$	1484565553152
6	$\mathcal{O}(6; \{2^{11}, 3^5, 6^9\})$	11889585119232
6	$\mathcal{O}(6; \{2^7, 3^8, 6^9\})$	95103620259840
6	$\mathcal{O}(6; \{2^3, 3^{11}, 6^9\})$	760842022772736
6	$\mathcal{O}(6; \{2^{16}, 6^{10}\})$	744459558912
6	$\mathcal{O}(6; \{2^{12}, 3^3, 6^{10}\})$	5942615777280
6	$\mathcal{O}(6; \{2^8, 3^6, 6^{10}\})$	47553986912256
6	$\mathcal{O}(6; \{2^4, 3^9, 6^{10}\})$	380418834604032
6	$\mathcal{O}(6; \{3^{12}, 6^{10}\})$	3043363737526272
6	$\mathcal{O}(6; \{2^{13}, 3, 6^{11}\})$	2973484670976
6	$\mathcal{O}(6; \{2^9, 3^4, 6^{11}\})$	23774816673792
6	$\mathcal{O}(6; \{2^5, 3^7, 6^{11}\})$	190211594084352
6	$\mathcal{O}(6; \{2, 3^{10}, 6^{11}\})$	1521679691980800
6	$\mathcal{O}(6; \{2^{10}, 3^2, 6^{12}\})$	11889585119232
6	$\mathcal{O}(6; \{2^6, 3^5, 6^{12}\})$	95103620259840
6	$\mathcal{O}(6; \{2^2, 3^8, 6^{12}\})$	760842022772736
6	$\mathcal{O}(6; \{2^{11}, 6^{13}\})$	5942615777280
6	$\mathcal{O}(6; \{2^7, 3^3, 6^{13}\})$	47553986912256
6	$\mathcal{O}(6; \{2^3, 3^6, 6^{13}\})$	380418834604032
6	$\mathcal{O}(6; \{2^8, 3, 6^{14}\})$	23774816673792
6	$\mathcal{O}(6; \{2^4, 3^4, 6^{14}\})$	190211594084352
6	$\mathcal{O}(6; \{3^7, 6^{14}\})$	1521679691980800
6	$\mathcal{O}(6; \{2^5, 3^2, 6^{15}\})$	95103620259840
6	$\mathcal{O}(6; \{2, 3^5, 6^{15}\})$	760842022772736
6	$\mathcal{O}(6; \{2^6, 6^{16}\})$	47553986912256
6	$\mathcal{O}(6; \{2^2, 3^3, 6^{16}\})$	380418834604032
6	$\mathcal{O}(6; \{2^3, 3, 6^{17}\})$	190211594084352
6	$\mathcal{O}(6; \{3^2, 6^{18}\})$	760842022772736

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2, 6^{19}\})$	380418834604032
6	$\mathcal{O}(5; \{2^{34}, 3^2\})$	120932352
6	$\mathcal{O}(5; \{2^{30}, 3^5\})$	604661760
6	$\mathcal{O}(5; \{2^{26}, 3^8\})$	5200091136
6	$\mathcal{O}(5; \{2^{22}, 3^{11}\})$	41237932032
6	$\mathcal{O}(5; \{2^{18}, 3^{14}\})$	330266253312
6	$\mathcal{O}(5; \{2^{14}, 3^{17}\})$	2641767229440
6	$\mathcal{O}(5; \{2^{10}, 3^{20}\})$	21134500632576
6	$\mathcal{O}(5; \{2^6, 3^{23}\})$	169075642263552
6	$\mathcal{O}(5; \{2^2, 3^{26}\})$	1352605500905472
6	$\mathcal{O}(5; \{2^{31}, 3^3, 6\})$	362797056
6	$\mathcal{O}(5; \{2^{27}, 3^6, 6\})$	2539579392
6	$\mathcal{O}(5; \{2^{23}, 3^9, 6\})$	20679432192
6	$\mathcal{O}(5; \{2^{19}, 3^{12}, 6\})$	165072660480
6	$\mathcal{O}(5; \{2^{15}, 3^{15}, 6\})$	1320944080896
6	$\mathcal{O}(5; \{2^{11}, 3^{18}, 6\})$	10567189850112
6	$\mathcal{O}(5; \{2^7, 3^{21}, 6\})$	84537881597952
6	$\mathcal{O}(5; \{2^3, 3^{24}, 6\})$	676302689986560
6	$\mathcal{O}(5; \{2^{32}, 3, 6^2\})$	120932352
6	$\mathcal{O}(5; \{2^{28}, 3^4, 6^2\})$	1330255872
6	$\mathcal{O}(5; \{2^{24}, 3^7, 6^2\})$	10279249920
6	$\mathcal{O}(5; \{2^{20}, 3^{10}, 6^2\})$	82596796416
6	$\mathcal{O}(5; \{2^{16}, 3^{13}, 6^2\})$	660411574272
6	$\mathcal{O}(5; \{2^{12}, 3^{16}, 6^2\})$	5283655391232
6	$\mathcal{O}(5; \{2^8, 3^{19}, 6^2\})$	42268880332800
6	$\mathcal{O}(5; \{2^4, 3^{22}, 6^2\})$	338151405459456
6	$\mathcal{O}(5; \{3^{25}, 6^2\})$	2705210880878592
6	$\mathcal{O}(5; \{2^{29}, 3^2, 6^3\})$	604661760
6	$\mathcal{O}(5; \{2^{25}, 3^5, 6^3\})$	5200091136
6	$\mathcal{O}(5; \{2^{21}, 3^8, 6^3\})$	41237932032
6	$\mathcal{O}(5; \{2^{17}, 3^{11}, 6^3\})$	330266253312
6	$\mathcal{O}(5; \{2^{13}, 3^{14}, 6^3\})$	2641767229440
6	$\mathcal{O}(5; \{2^9, 3^{17}, 6^3\})$	21134500632576
6	$\mathcal{O}(5; \{2^5, 3^{20}, 6^3\})$	169075642263552
6	$\mathcal{O}(5; \{2, 3^{23}, 6^3\})$	1352605500905472
6	$\mathcal{O}(5; \{2^{30}, 6^4\})$	362797056
6	$\mathcal{O}(5; \{2^{26}, 3^3, 6^4\})$	2539579392
6	$\mathcal{O}(5; \{2^{22}, 3^6, 6^4\})$	20679432192
6	$\mathcal{O}(5; \{2^{18}, 3^9, 6^4\})$	165072660480
6	$\mathcal{O}(5; \{2^{14}, 3^{12}, 6^4\})$	1320944080896
6	$\mathcal{O}(5; \{2^{10}, 3^{15}, 6^4\})$	10567189850112
6	$\mathcal{O}(5; \{2^6, 3^{18}, 6^4\})$	84537881597952
6	$\mathcal{O}(5; \{2^2, 3^{21}, 6^4\})$	676302689986560

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Table 10 – continued from previous page

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

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^{14}, 3^2, 6^{12}\})$	330266253312
6	$\mathcal{O}(5; \{2^{10}, 3^5, 6^{12}\})$	2641767229440
6	$\mathcal{O}(5; \{2^6, 3^8, 6^{12}\})$	21134500632576
6	$\mathcal{O}(5; \{2^2, 3^{11}, 6^{12}\})$	169075642263552
6	$\mathcal{O}(5; \{2^{15}, 6^{13}\})$	165072660480
6	$\mathcal{O}(5; \{2^{11}, 3^3, 6^{13}\})$	1320944080896
6	$\mathcal{O}(5; \{2^7, 3^6, 6^{13}\})$	10567189850112
6	$\mathcal{O}(5; \{2^3, 3^9, 6^{13}\})$	84537881597952
6	$\mathcal{O}(5; \{2^{12}, 3, 6^{14}\})$	660411574272
6	$\mathcal{O}(5; \{2^8, 3^4, 6^{14}\})$	5283655391232
6	$\mathcal{O}(5; \{2^4, 3^7, 6^{14}\})$	42268880332800
6	$\mathcal{O}(5; \{3^{10}, 6^{14}\})$	338151405459456
6	$\mathcal{O}(5; \{2^9, 3^2, 6^{15}\})$	2641767229440
6	$\mathcal{O}(5; \{2^5, 3^5, 6^{15}\})$	21134500632576
6	$\mathcal{O}(5; \{2, 3^8, 6^{15}\})$	169075642263552
6	$\mathcal{O}(5; \{2^{10}, 6^{16}\})$	1320944080896
6	$\mathcal{O}(5; \{2^6, 3^3, 6^{16}\})$	10567189850112
6	$\mathcal{O}(5; \{2^2, 3^6, 6^{16}\})$	84537881597952
6	$\mathcal{O}(5; \{2^7, 3, 6^{17}\})$	5283655391232
6	$\mathcal{O}(5; \{2^3, 3^4, 6^{17}\})$	42268880332800
6	$\mathcal{O}(5; \{2^4, 3^2, 6^{18}\})$	21134500632576
6	$\mathcal{O}(5; \{3^5, 6^{18}\})$	169075642263552
6	$\mathcal{O}(5; \{2^5, 6^{19}\})$	10567189850112
6	$\mathcal{O}(5; \{2, 3^3, 6^{19}\})$	84537881597952
6	$\mathcal{O}(5; \{2^2, 3, 6^{20}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{22}\})$	84537881597952
6	$\mathcal{O}(4; \{2^{38}, 3^2\})$	3359232
6	$\mathcal{O}(4; \{2^{34}, 3^5\})$	16796160
6	$\mathcal{O}(4; \{2^{30}, 3^8\})$	144446976
6	$\mathcal{O}(4; \{2^{26}, 3^{11}\})$	1145498112
6	$\mathcal{O}(4; \{2^{22}, 3^{14}\})$	9174062592
6	$\mathcal{O}(4; \{2^{18}, 3^{17}\})$	73382423040
6	$\mathcal{O}(4; \{2^{14}, 3^{20}\})$	587069462016
6	$\mathcal{O}(4; \{2^{10}, 3^{23}\})$	4696545618432
6	$\mathcal{O}(4; \{2^6, 3^{26}\})$	37572375025152
6	$\mathcal{O}(4; \{2^2, 3^{29}\})$	300578990123520
6	$\mathcal{O}(4; \{2^{35}, 3^3, 6\})$	10077696
6	$\mathcal{O}(4; \{2^{31}, 3^6, 6\})$	70543872
6	$\mathcal{O}(4; \{2^{27}, 3^9, 6\})$	574428672
6	$\mathcal{O}(4; \{2^{23}, 3^{12}, 6\})$	4585351680
6	$\mathcal{O}(4; \{2^{19}, 3^{15}, 6\})$	36692891136
6	$\mathcal{O}(4; \{2^{15}, 3^{18}, 6\})$	293533051392
6	$\mathcal{O}(4; \{2^{11}, 3^{21}, 6\})$	2348274488832

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^8, 3^{17}, 6^6\})$	4696545618432
6	$\mathcal{O}(4; \{2^4, 3^{20}, 6^6\})$	37572375025152
6	$\mathcal{O}(4; \{3^{23}, 6^6\})$	300578990123520
6	$\mathcal{O}(4; \{2^{29}, 6^7\})$	70543872
6	$\mathcal{O}(4; \{2^{25}, 3^3, 6^7\})$	574428672
6	$\mathcal{O}(4; \{2^{21}, 3^6, 6^7\})$	4585351680
6	$\mathcal{O}(4; \{2^{17}, 3^9, 6^7\})$	36692891136
6	$\mathcal{O}(4; \{2^{13}, 3^{12}, 6^7\})$	293533051392
6	$\mathcal{O}(4; \{2^9, 3^{15}, 6^7\})$	2348274488832
6	$\mathcal{O}(4; \{2^5, 3^{18}, 6^7\})$	18786185832960
6	$\mathcal{O}(4; \{2, 3^{21}, 6^7\})$	150289496741376
6	$\mathcal{O}(4; \{2^{26}, 3, 6^8\})$	285534720
6	$\mathcal{O}(4; \{2^{22}, 3^4, 6^8\})$	2294355456
6	$\mathcal{O}(4; \{2^{18}, 3^7, 6^8\})$	18344765952
6	$\mathcal{O}(4; \{2^{14}, 3^{10}, 6^8\})$	146768205312
6	$\mathcal{O}(4; \{2^{10}, 3^{13}, 6^8\})$	1174135564800
6	$\mathcal{O}(4; \{2^6, 3^{16}, 6^8\})$	9393094596096
6	$\mathcal{O}(4; \{2^2, 3^{19}, 6^8\})$	75144746691072
6	$\mathcal{O}(4; \{2^{23}, 3^2, 6^9\})$	1145498112
6	$\mathcal{O}(4; \{2^{19}, 3^5, 6^9\})$	9174062592
6	$\mathcal{O}(4; \{2^{15}, 3^8, 6^9\})$	73382423040
6	$\mathcal{O}(4; \{2^{11}, 3^{11}, 6^9\})$	587069462016
6	$\mathcal{O}(4; \{2^7, 3^{14}, 6^9\})$	4696545618432
6	$\mathcal{O}(4; \{2^3, 3^{17}, 6^9\})$	37572375025152
6	$\mathcal{O}(4; \{2^{24}, 6^{10}\})$	574428672
6	$\mathcal{O}(4; \{2^{20}, 3^3, 6^{10}\})$	4585351680
6	$\mathcal{O}(4; \{2^{16}, 3^6, 6^{10}\})$	36692891136
6	$\mathcal{O}(4; \{2^{12}, 3^9, 6^{10}\})$	293533051392
6	$\mathcal{O}(4; \{2^8, 3^{12}, 6^{10}\})$	2348274488832
6	$\mathcal{O}(4; \{2^4, 3^{15}, 6^{10}\})$	18786185832960
6	$\mathcal{O}(4; \{3^{18}, 6^{10}\})$	150289496741376
6	$\mathcal{O}(4; \{2^{21}, 3, 6^{11}\})$	2294355456
6	$\mathcal{O}(4; \{2^{17}, 3^4, 6^{11}\})$	18344765952
6	$\mathcal{O}(4; \{2^{13}, 3^7, 6^{11}\})$	146768205312
6	$\mathcal{O}(4; \{2^9, 3^{10}, 6^{11}\})$	1174135564800
6	$\mathcal{O}(4; \{2^5, 3^{13}, 6^{11}\})$	9393094596096
6	$\mathcal{O}(4; \{2, 3^{16}, 6^{11}\})$	75144746691072
6	$\mathcal{O}(4; \{2^{18}, 3^2, 6^{12}\})$	9174062592
6	$\mathcal{O}(4; \{2^{14}, 3^5, 6^{12}\})$	73382423040
6	$\mathcal{O}(4; \{2^{10}, 3^8, 6^{12}\})$	587069462016
6	$\mathcal{O}(4; \{2^6, 3^{11}, 6^{12}\})$	4696545618432
6	$\mathcal{O}(4; \{2^2, 3^{14}, 6^{12}\})$	37572375025152
6	$\mathcal{O}(4; \{2^{19}, 6^{13}\})$	4585351680

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^{15}, 3^3, 6^{13}\})$	36692891136
6	$\mathcal{O}(4; \{2^{11}, 3^6, 6^{13}\})$	293533051392
6	$\mathcal{O}(4; \{2^7, 3^9, 6^{13}\})$	2348274488832
6	$\mathcal{O}(4; \{2^3, 3^{12}, 6^{13}\})$	18786185832960
6	$\mathcal{O}(4; \{2^{16}, 3, 6^{14}\})$	18344765952
6	$\mathcal{O}(4; \{2^{12}, 3^4, 6^{14}\})$	146768205312
6	$\mathcal{O}(4; \{2^8, 3^7, 6^{14}\})$	1174135564800
6	$\mathcal{O}(4; \{2^4, 3^{10}, 6^{14}\})$	9393094596096
6	$\mathcal{O}(4; \{3^{13}, 6^{14}\})$	75144746691072
6	$\mathcal{O}(4; \{2^{13}, 3^2, 6^{15}\})$	73382423040
6	$\mathcal{O}(4; \{2^9, 3^5, 6^{15}\})$	587069462016
6	$\mathcal{O}(4; \{2^5, 3^8, 6^{15}\})$	4696545618432
6	$\mathcal{O}(4; \{2, 3^{11}, 6^{15}\})$	37572375025152
6	$\mathcal{O}(4; \{2^{14}, 6^{16}\})$	36692891136
6	$\mathcal{O}(4; \{2^{10}, 3^3, 6^{16}\})$	293533051392
6	$\mathcal{O}(4; \{2^6, 3^6, 6^{16}\})$	2348274488832
6	$\mathcal{O}(4; \{2^2, 3^9, 6^{16}\})$	18786185832960
6	$\mathcal{O}(4; \{2^{11}, 3, 6^{17}\})$	146768205312
6	$\mathcal{O}(4; \{2^7, 3^4, 6^{17}\})$	1174135564800
6	$\mathcal{O}(4; \{2^3, 3^7, 6^{17}\})$	9393094596096
6	$\mathcal{O}(4; \{2^8, 3^2, 6^{18}\})$	587069462016
6	$\mathcal{O}(4; \{2^4, 3^5, 6^{18}\})$	4696545618432
6	$\mathcal{O}(4; \{3^8, 6^{18}\})$	37572375025152
6	$\mathcal{O}(4; \{2^9, 6^{19}\})$	293533051392
6	$\mathcal{O}(4; \{2^5, 3^3, 6^{19}\})$	2348274488832
6	$\mathcal{O}(4; \{2, 3^6, 6^{19}\})$	18786185832960
6	$\mathcal{O}(4; \{2^6, 3, 6^{20}\})$	1174135564800
6	$\mathcal{O}(4; \{2^2, 3^4, 6^{20}\})$	9393094596096
6	$\mathcal{O}(4; \{2^3, 3^2, 6^{21}\})$	4696545618432
6	$\mathcal{O}(4; \{2^4, 6^{22}\})$	2348274488832
6	$\mathcal{O}(4; \{3^3, 6^{22}\})$	18786185832960
6	$\mathcal{O}(4; \{2, 3, 6^{23}\})$	9393094596096
6	$\mathcal{O}(3; \{2^{42}, 3^2\})$	93312
6	$\mathcal{O}(3; \{2^{38}, 3^5\})$	466560
6	$\mathcal{O}(3; \{2^{34}, 3^8\})$	4012416
6	$\mathcal{O}(3; \{2^{30}, 3^{11}\})$	31819392
6	$\mathcal{O}(3; \{2^{26}, 3^{14}\})$	254835072
6	$\mathcal{O}(3; \{2^{22}, 3^{17}\})$	2038400640
6	$\mathcal{O}(3; \{2^{18}, 3^{20}\})$	16307485056
6	$\mathcal{O}(3; \{2^{14}, 3^{23}\})$	130459600512
6	$\mathcal{O}(3; \{2^{10}, 3^{26}\})$	1043677084032
6	$\mathcal{O}(3; \{2^6, 3^{29}\})$	8349416392320
6	$\mathcal{O}(3; \{2^2, 3^{32}\})$	66795331418496

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{27}, 3^7, 6^5\})$	63732096
6	$\mathcal{O}(3; \{2^{23}, 3^{10}, 6^5\})$	509576832
6	$\mathcal{O}(3; \{2^{19}, 3^{13}, 6^5\})$	4076894592
6	$\mathcal{O}(3; \{2^{15}, 3^{16}, 6^5\})$	32614876800
6	$\mathcal{O}(3; \{2^{11}, 3^{19}, 6^5\})$	260919294336
6	$\mathcal{O}(3; \{2^7, 3^{22}, 6^5\})$	2087354074752
6	$\mathcal{O}(3; \{2^3, 3^{25}, 6^5\})$	16698832877952
6	$\mathcal{O}(3; \{2^{32}, 3^2, 6^6\})$	4012416
6	$\mathcal{O}(3; \{2^{28}, 3^5, 6^6\})$	31819392
6	$\mathcal{O}(3; \{2^{24}, 3^8, 6^6\})$	254835072
6	$\mathcal{O}(3; \{2^{20}, 3^{11}, 6^6\})$	2038400640
6	$\mathcal{O}(3; \{2^{16}, 3^{14}, 6^6\})$	16307485056
6	$\mathcal{O}(3; \{2^{12}, 3^{17}, 6^6\})$	130459600512
6	$\mathcal{O}(3; \{2^8, 3^{20}, 6^6\})$	1043677084032
6	$\mathcal{O}(3; \{2^4, 3^{23}, 6^6\})$	8349416392320
6	$\mathcal{O}(3; \{3^{26}, 6^6\})$	66795331418496
6	$\mathcal{O}(3; \{2^{33}, 6^7\})$	1959552
6	$\mathcal{O}(3; \{2^{29}, 3^3, 6^7\})$	15956352
6	$\mathcal{O}(3; \{2^{25}, 3^6, 6^7\})$	127370880
6	$\mathcal{O}(3; \{2^{21}, 3^9, 6^7\})$	1019246976
6	$\mathcal{O}(3; \{2^{17}, 3^{12}, 6^7\})$	8153695872
6	$\mathcal{O}(3; \{2^{13}, 3^{15}, 6^7\})$	65229846912
6	$\mathcal{O}(3; \{2^9, 3^{18}, 6^7\})$	521838495360
6	$\mathcal{O}(3; \{2^5, 3^{21}, 6^7\})$	4174708242816
6	$\mathcal{O}(3; \{2, 3^{24}, 6^7\})$	33397665662592
6	$\mathcal{O}(3; \{2^{30}, 3, 6^8\})$	7931520
6	$\mathcal{O}(3; \{2^{26}, 3^4, 6^8\})$	63732096
6	$\mathcal{O}(3; \{2^{22}, 3^7, 6^8\})$	509576832
6	$\mathcal{O}(3; \{2^{18}, 3^{10}, 6^8\})$	4076894592
6	$\mathcal{O}(3; \{2^{14}, 3^{13}, 6^8\})$	32614876800
6	$\mathcal{O}(3; \{2^{10}, 3^{16}, 6^8\})$	260919294336
6	$\mathcal{O}(3; \{2^6, 3^{19}, 6^8\})$	2087354074752
6	$\mathcal{O}(3; \{2^2, 3^{22}, 6^8\})$	16698832877952
6	$\mathcal{O}(3; \{2^{27}, 3^2, 6^9\})$	31819392
6	$\mathcal{O}(3; \{2^{23}, 3^5, 6^9\})$	254835072
6	$\mathcal{O}(3; \{2^{19}, 3^8, 6^9\})$	2038400640
6	$\mathcal{O}(3; \{2^{15}, 3^{11}, 6^9\})$	16307485056
6	$\mathcal{O}(3; \{2^{11}, 3^{14}, 6^9\})$	130459600512
6	$\mathcal{O}(3; \{2^7, 3^{17}, 6^9\})$	1043677084032
6	$\mathcal{O}(3; \{2^3, 3^{20}, 6^9\})$	8349416392320
6	$\mathcal{O}(3; \{2^{28}, 6^{10}\})$	15956352
6	$\mathcal{O}(3; \{2^{24}, 3^3, 6^{10}\})$	127370880
6	$\mathcal{O}(3; \{2^{20}, 3^6, 6^{10}\})$	1019246976

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^3, 3^{10}, 6^{17}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{12}, 3^2, 6^{18}\})$	16307485056
6	$\mathcal{O}(3; \{2^8, 3^5, 6^{18}\})$	130459600512
6	$\mathcal{O}(3; \{2^4, 3^8, 6^{18}\})$	1043677084032
6	$\mathcal{O}(3; \{3^{11}, 6^{18}\})$	8349416392320
6	$\mathcal{O}(3; \{2^{13}, 6^{19}\})$	8153695872
6	$\mathcal{O}(3; \{2^9, 3^3, 6^{19}\})$	65229846912
6	$\mathcal{O}(3; \{2^5, 3^6, 6^{19}\})$	521838495360
6	$\mathcal{O}(3; \{2, 3^9, 6^{19}\})$	4174708242816
6	$\mathcal{O}(3; \{2^{10}, 3, 6^{20}\})$	32614876800
6	$\mathcal{O}(3; \{2^6, 3^4, 6^{20}\})$	260919294336
6	$\mathcal{O}(3; \{2^2, 3^7, 6^{20}\})$	2087354074752
6	$\mathcal{O}(3; \{2^7, 3^2, 6^{21}\})$	130459600512
6	$\mathcal{O}(3; \{2^3, 3^5, 6^{21}\})$	1043677084032
6	$\mathcal{O}(3; \{2^8, 6^{22}\})$	65229846912
6	$\mathcal{O}(3; \{2^4, 3^3, 6^{22}\})$	521838495360
6	$\mathcal{O}(3; \{3^6, 6^{22}\})$	4174708242816
6	$\mathcal{O}(3; \{2^5, 3, 6^{23}\})$	260919294336
6	$\mathcal{O}(3; \{2, 3^4, 6^{23}\})$	2087354074752
6	$\mathcal{O}(3; \{2^2, 3^2, 6^{24}\})$	1043677084032
6	$\mathcal{O}(3; \{2^3, 6^{25}\})$	521838495360
6	$\mathcal{O}(3; \{3, 6^{26}\})$	2087354074752
6	$\mathcal{O}(2; \{2^{46}, 3^2\})$	2592
6	$\mathcal{O}(2; \{2^{42}, 3^5\})$	12960
6	$\mathcal{O}(2; \{2^{38}, 3^8\})$	111456
6	$\mathcal{O}(2; \{2^{34}, 3^{11}\})$	883872
6	$\mathcal{O}(2; \{2^{30}, 3^{14}\})$	7078752
6	$\mathcal{O}(2; \{2^{26}, 3^{17}\})$	56622240
6	$\mathcal{O}(2; \{2^{22}, 3^{20}\})$	452985696
6	$\mathcal{O}(2; \{2^{18}, 3^{23}\})$	3623877792
6	$\mathcal{O}(2; \{2^{14}, 3^{26}\})$	28991030112
6	$\mathcal{O}(2; \{2^{10}, 3^{29}\})$	231928233120
6	$\mathcal{O}(2; \{2^6, 3^{32}\})$	1855425872736
6	$\mathcal{O}(2; \{2^2, 3^{35}\})$	14843406974112
6	$\mathcal{O}(2; \{2^{43}, 3^3, 6\})$	7776
6	$\mathcal{O}(2; \{2^{39}, 3^6, 6\})$	54432
6	$\mathcal{O}(2; \{2^{35}, 3^9, 6\})$	443232
6	$\mathcal{O}(2; \{2^{31}, 3^{12}, 6\})$	3538080
6	$\mathcal{O}(2; \{2^{27}, 3^{15}, 6\})$	28312416
6	$\mathcal{O}(2; \{2^{23}, 3^{18}, 6\})$	226491552
6	$\mathcal{O}(2; \{2^{19}, 3^{21}, 6\})$	1811940192
6	$\mathcal{O}(2; \{2^{15}, 3^{24}, 6\})$	14495513760
6	$\mathcal{O}(2; \{2^{11}, 3^{27}, 6\})$	115964117856

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{14}, 3^6, 6^{16}\})$	1811940192
6	$\mathcal{O}(2; \{2^{10}, 3^9, 6^{16}\})$	14495513760
6	$\mathcal{O}(2; \{2^6, 3^{12}, 6^{16}\})$	115964117856
6	$\mathcal{O}(2; \{2^2, 3^{15}, 6^{16}\})$	927712935072
6	$\mathcal{O}(2; \{2^{19}, 3, 6^{17}\})$	113247072
6	$\mathcal{O}(2; \{2^{15}, 3^4, 6^{17}\})$	905968800
6	$\mathcal{O}(2; \{2^{11}, 3^7, 6^{17}\})$	7247758176
6	$\mathcal{O}(2; \{2^7, 3^{10}, 6^{17}\})$	57982057632
6	$\mathcal{O}(2; \{2^3, 3^{13}, 6^{17}\})$	463856468832
6	$\mathcal{O}(2; \{2^{16}, 3^2, 6^{18}\})$	452985696
6	$\mathcal{O}(2; \{2^{12}, 3^5, 6^{18}\})$	3623877792
6	$\mathcal{O}(2; \{2^8, 3^8, 6^{18}\})$	28991030112
6	$\mathcal{O}(2; \{2^4, 3^{11}, 6^{18}\})$	231928233120
6	$\mathcal{O}(2; \{3^{14}, 6^{18}\})$	1855425872736
6	$\mathcal{O}(2; \{2^{17}, 6^{19}\})$	226491552
6	$\mathcal{O}(2; \{2^{13}, 3^3, 6^{19}\})$	1811940192
6	$\mathcal{O}(2; \{2^9, 3^6, 6^{19}\})$	14495513760
6	$\mathcal{O}(2; \{2^5, 3^9, 6^{19}\})$	115964117856
6	$\mathcal{O}(2; \{2, 3^{12}, 6^{19}\})$	927712935072
6	$\mathcal{O}(2; \{2^{14}, 3, 6^{20}\})$	905968800
6	$\mathcal{O}(2; \{2^{10}, 3^4, 6^{20}\})$	7247758176
6	$\mathcal{O}(2; \{2^6, 3^7, 6^{20}\})$	57982057632
6	$\mathcal{O}(2; \{2^2, 3^{10}, 6^{20}\})$	463856468832
6	$\mathcal{O}(2; \{2^{11}, 3^2, 6^{21}\})$	3623877792
6	$\mathcal{O}(2; \{2^7, 3^5, 6^{21}\})$	28991030112
6	$\mathcal{O}(2; \{2^3, 3^8, 6^{21}\})$	231928233120
6	$\mathcal{O}(2; \{2^{12}, 6^{22}\})$	1811940192
6	$\mathcal{O}(2; \{2^8, 3^3, 6^{22}\})$	14495513760
6	$\mathcal{O}(2; \{2^4, 3^6, 6^{22}\})$	115964117856
6	$\mathcal{O}(2; \{3^9, 6^{22}\})$	927712935072
6	$\mathcal{O}(2; \{2^9, 3, 6^{23}\})$	7247758176
6	$\mathcal{O}(2; \{2^5, 3^4, 6^{23}\})$	57982057632
6	$\mathcal{O}(2; \{2, 3^7, 6^{23}\})$	463856468832
6	$\mathcal{O}(2; \{2^6, 3^2, 6^{24}\})$	28991030112
6	$\mathcal{O}(2; \{2^2, 3^5, 6^{24}\})$	231928233120
6	$\mathcal{O}(2; \{2^7, 6^{25}\})$	14495513760
6	$\mathcal{O}(2; \{2^3, 3^3, 6^{25}\})$	115964117856
6	$\mathcal{O}(2; \{2^4, 3, 6^{26}\})$	57982057632
6	$\mathcal{O}(2; \{3^4, 6^{26}\})$	463856468832
6	$\mathcal{O}(2; \{2, 3^2, 6^{27}\})$	231928233120
6	$\mathcal{O}(2; \{2^2, 6^{28}\})$	115964117856
6	$\mathcal{O}(1; \{2^{50}, 3^2\})$	72
6	$\mathcal{O}(1; \{2^{46}, 3^5\})$	360

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{42}, 3^8\})$	3096
6	$\mathcal{O}(1; \{2^{38}, 3^{11}\})$	24552
6	$\mathcal{O}(1; \{2^{34}, 3^{14}\})$	196632
6	$\mathcal{O}(1; \{2^{30}, 3^{17}\})$	1572840
6	$\mathcal{O}(1; \{2^{26}, 3^{20}\})$	12582936
6	$\mathcal{O}(1; \{2^{22}, 3^{23}\})$	100663272
6	$\mathcal{O}(1; \{2^{18}, 3^{26}\})$	805306392
6	$\mathcal{O}(1; \{2^{14}, 3^{29}\})$	6442450920
6	$\mathcal{O}(1; \{2^{10}, 3^{32}\})$	51539607576
6	$\mathcal{O}(1; \{2^6, 3^{35}\})$	412316860392
6	$\mathcal{O}(1; \{2^2, 3^{38}\})$	3298534883352
6	$\mathcal{O}(1; \{2^{47}, 3^3, 6\})$	216
6	$\mathcal{O}(1; \{2^{43}, 3^6, 6\})$	1512
6	$\mathcal{O}(1; \{2^{39}, 3^9, 6\})$	12312
6	$\mathcal{O}(1; \{2^{35}, 3^{12}, 6\})$	98280
6	$\mathcal{O}(1; \{2^{31}, 3^{15}, 6\})$	786456
6	$\mathcal{O}(1; \{2^{27}, 3^{18}, 6\})$	6291432
6	$\mathcal{O}(1; \{2^{23}, 3^{21}, 6\})$	50331672
6	$\mathcal{O}(1; \{2^{19}, 3^{24}, 6\})$	402653160
6	$\mathcal{O}(1; \{2^{15}, 3^{27}, 6\})$	3221225496
6	$\mathcal{O}(1; \{2^{11}, 3^{30}, 6\})$	25769803752
6	$\mathcal{O}(1; \{2^7, 3^{33}, 6\})$	206158430232
6	$\mathcal{O}(1; \{2^3, 3^{36}, 6\})$	1649267441640
6	$\mathcal{O}(1; \{2^{48}, 3, 6^2\})$	72
6	$\mathcal{O}(1; \{2^{44}, 3^4, 6^2\})$	792
6	$\mathcal{O}(1; \{2^{40}, 3^7, 6^2\})$	6120
6	$\mathcal{O}(1; \{2^{36}, 3^{10}, 6^2\})$	49176
6	$\mathcal{O}(1; \{2^{32}, 3^{13}, 6^2\})$	393192
6	$\mathcal{O}(1; \{2^{28}, 3^{16}, 6^2\})$	3145752
6	$\mathcal{O}(1; \{2^{24}, 3^{19}, 6^2\})$	25165800
6	$\mathcal{O}(1; \{2^{20}, 3^{22}, 6^2\})$	201326616
6	$\mathcal{O}(1; \{2^{16}, 3^{25}, 6^2\})$	1610612712
6	$\mathcal{O}(1; \{2^{12}, 3^{28}, 6^2\})$	12884901912
6	$\mathcal{O}(1; \{2^8, 3^{31}, 6^2\})$	103079215080
6	$\mathcal{O}(1; \{2^4, 3^{34}, 6^2\})$	824633720856
6	$\mathcal{O}(1; \{3^{37}, 6^2\})$	6597069766632
6	$\mathcal{O}(1; \{2^{45}, 3^2, 6^3\})$	360
6	$\mathcal{O}(1; \{2^{41}, 3^5, 6^3\})$	3096
6	$\mathcal{O}(1; \{2^{37}, 3^8, 6^3\})$	24552
6	$\mathcal{O}(1; \{2^{33}, 3^{11}, 6^3\})$	196632
6	$\mathcal{O}(1; \{2^{29}, 3^{14}, 6^3\})$	1572840
6	$\mathcal{O}(1; \{2^{25}, 3^{17}, 6^3\})$	12582936
6	$\mathcal{O}(1; \{2^{21}, 3^{20}, 6^3\})$	100663272

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^5, 3^{22}, 6^{11}\})$	103079215080
6	$\mathcal{O}(1; \{2, 3^{25}, 6^{11}\})$	824633720856
6	$\mathcal{O}(1; \{2^{30}, 3^2, 6^{12}\})$	196632
6	$\mathcal{O}(1; \{2^{26}, 3^5, 6^{12}\})$	1572840
6	$\mathcal{O}(1; \{2^{22}, 3^8, 6^{12}\})$	12582936
6	$\mathcal{O}(1; \{2^{18}, 3^{11}, 6^{12}\})$	100663272
6	$\mathcal{O}(1; \{2^{14}, 3^{14}, 6^{12}\})$	805306392
6	$\mathcal{O}(1; \{2^{10}, 3^{17}, 6^{12}\})$	6442450920
6	$\mathcal{O}(1; \{2^6, 3^{20}, 6^{12}\})$	51539607576
6	$\mathcal{O}(1; \{2^2, 3^{23}, 6^{12}\})$	412316860392
6	$\mathcal{O}(1; \{2^{31}, 6^{13}\})$	98280
6	$\mathcal{O}(1; \{2^{27}, 3^3, 6^{13}\})$	786456
6	$\mathcal{O}(1; \{2^{23}, 3^6, 6^{13}\})$	6291432
6	$\mathcal{O}(1; \{2^{19}, 3^9, 6^{13}\})$	50331672
6	$\mathcal{O}(1; \{2^{15}, 3^{12}, 6^{13}\})$	402653160
6	$\mathcal{O}(1; \{2^{11}, 3^{15}, 6^{13}\})$	3221225496
6	$\mathcal{O}(1; \{2^7, 3^{18}, 6^{13}\})$	25769803752
6	$\mathcal{O}(1; \{2^3, 3^{21}, 6^{13}\})$	206158430232
6	$\mathcal{O}(1; \{2^{28}, 3, 6^{14}\})$	393192
6	$\mathcal{O}(1; \{2^{24}, 3^4, 6^{14}\})$	3145752
6	$\mathcal{O}(1; \{2^{20}, 3^7, 6^{14}\})$	25165800
6	$\mathcal{O}(1; \{2^{16}, 3^{10}, 6^{14}\})$	201326616
6	$\mathcal{O}(1; \{2^{12}, 3^{13}, 6^{14}\})$	1610612712
6	$\mathcal{O}(1; \{2^8, 3^{16}, 6^{14}\})$	12884901912
6	$\mathcal{O}(1; \{2^4, 3^{19}, 6^{14}\})$	103079215080
6	$\mathcal{O}(1; \{3^{22}, 6^{14}\})$	824633720856
6	$\mathcal{O}(1; \{2^{25}, 3^2, 6^{15}\})$	1572840
6	$\mathcal{O}(1; \{2^{21}, 3^5, 6^{15}\})$	12582936
6	$\mathcal{O}(1; \{2^{17}, 3^8, 6^{15}\})$	100663272
6	$\mathcal{O}(1; \{2^{13}, 3^{11}, 6^{15}\})$	805306392
6	$\mathcal{O}(1; \{2^9, 3^{14}, 6^{15}\})$	6442450920
6	$\mathcal{O}(1; \{2^5, 3^{17}, 6^{15}\})$	51539607576
6	$\mathcal{O}(1; \{2, 3^{20}, 6^{15}\})$	412316860392
6	$\mathcal{O}(1; \{2^{26}, 6^{16}\})$	786456
6	$\mathcal{O}(1; \{2^{22}, 3^3, 6^{16}\})$	6291432
6	$\mathcal{O}(1; \{2^{18}, 3^6, 6^{16}\})$	50331672
6	$\mathcal{O}(1; \{2^{14}, 3^9, 6^{16}\})$	402653160
6	$\mathcal{O}(1; \{2^{10}, 3^{12}, 6^{16}\})$	3221225496
6	$\mathcal{O}(1; \{2^6, 3^{15}, 6^{16}\})$	25769803752
6	$\mathcal{O}(1; \{2^2, 3^{18}, 6^{16}\})$	206158430232
6	$\mathcal{O}(1; \{2^{23}, 3, 6^{17}\})$	3145752
6	$\mathcal{O}(1; \{2^{19}, 3^4, 6^{17}\})$	25165800
6	$\mathcal{O}(1; \{2^{15}, 3^7, 6^{17}\})$	201326616

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2, 3^5, 6^{27}\})$	51539607576
6	$\mathcal{O}(1; \{2^6, 6^{28}\})$	3221225496
6	$\mathcal{O}(1; \{2^2, 3^3, 6^{28}\})$	25769803752
6	$\mathcal{O}(1; \{2^3, 3, 6^{29}\})$	12884901912
6	$\mathcal{O}(1; \{3^2, 6^{30}\})$	51539607576
6	$\mathcal{O}(1; \{2, 6^{31}\})$	25769803752
6	$\mathcal{O}(0; \{2^{54}, 3^2\})$	2
6	$\mathcal{O}(0; \{2^{50}, 3^5\})$	10
6	$\mathcal{O}(0; \{2^{46}, 3^8\})$	86
6	$\mathcal{O}(0; \{2^{42}, 3^{11}\})$	682
6	$\mathcal{O}(0; \{2^{38}, 3^{14}\})$	5462
6	$\mathcal{O}(0; \{2^{34}, 3^{17}\})$	43690
6	$\mathcal{O}(0; \{2^{30}, 3^{20}\})$	349526
6	$\mathcal{O}(0; \{2^{26}, 3^{23}\})$	2796202
6	$\mathcal{O}(0; \{2^{22}, 3^{26}\})$	22369622
6	$\mathcal{O}(0; \{2^{18}, 3^{29}\})$	178956970
6	$\mathcal{O}(0; \{2^{14}, 3^{32}\})$	1431655766
6	$\mathcal{O}(0; \{2^{10}, 3^{35}\})$	11453246122
6	$\mathcal{O}(0; \{2^6, 3^{38}\})$	91625968982
6	$\mathcal{O}(0; \{2^2, 3^{41}\})$	733007751850
6	$\mathcal{O}(0; \{2^{51}, 3^3, 6\})$	6
6	$\mathcal{O}(0; \{2^{47}, 3^6, 6\})$	42
6	$\mathcal{O}(0; \{2^{43}, 3^9, 6\})$	342
6	$\mathcal{O}(0; \{2^{39}, 3^{12}, 6\})$	2730
6	$\mathcal{O}(0; \{2^{35}, 3^{15}, 6\})$	21846
6	$\mathcal{O}(0; \{2^{31}, 3^{18}, 6\})$	174762
6	$\mathcal{O}(0; \{2^{27}, 3^{21}, 6\})$	1398102
6	$\mathcal{O}(0; \{2^{23}, 3^{24}, 6\})$	11184810
6	$\mathcal{O}(0; \{2^{19}, 3^{27}, 6\})$	89478486
6	$\mathcal{O}(0; \{2^{15}, 3^{30}, 6\})$	715827882
6	$\mathcal{O}(0; \{2^{11}, 3^{33}, 6\})$	5726623062
6	$\mathcal{O}(0; \{2^7, 3^{36}, 6\})$	45812984490
6	$\mathcal{O}(0; \{2^3, 3^{39}, 6\})$	366503875926
6	$\mathcal{O}(0; \{2^{52}, 3, 6^2\})$	2
6	$\mathcal{O}(0; \{2^{48}, 3^4, 6^2\})$	22
6	$\mathcal{O}(0; \{2^{44}, 3^7, 6^2\})$	170
6	$\mathcal{O}(0; \{2^{40}, 3^{10}, 6^2\})$	1366
6	$\mathcal{O}(0; \{2^{36}, 3^{13}, 6^2\})$	10922
6	$\mathcal{O}(0; \{2^{32}, 3^{16}, 6^2\})$	87382
6	$\mathcal{O}(0; \{2^{28}, 3^{19}, 6^2\})$	699050
6	$\mathcal{O}(0; \{2^{24}, 3^{22}, 6^2\})$	5592406
6	$\mathcal{O}(0; \{2^{20}, 3^{25}, 6^2\})$	44739242
6	$\mathcal{O}(0; \{2^{16}, 3^{28}, 6^2\})$	357913942

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{12}, 3^{31}, 6^2\})$	2863311530
6	$\mathcal{O}(0; \{2^8, 3^{34}, 6^2\})$	22906492246
6	$\mathcal{O}(0; \{2^4, 3^{37}, 6^2\})$	183251937962
6	$\mathcal{O}(0; \{3^{40}, 6^2\})$	1466015503702
6	$\mathcal{O}(0; \{2^{49}, 3^2, 6^3\})$	10
6	$\mathcal{O}(0; \{2^{45}, 3^5, 6^3\})$	86
6	$\mathcal{O}(0; \{2^{41}, 3^8, 6^3\})$	682
6	$\mathcal{O}(0; \{2^{37}, 3^{11}, 6^3\})$	5462
6	$\mathcal{O}(0; \{2^{33}, 3^{14}, 6^3\})$	43690
6	$\mathcal{O}(0; \{2^{29}, 3^{17}, 6^3\})$	349526
6	$\mathcal{O}(0; \{2^{25}, 3^{20}, 6^3\})$	2796202
6	$\mathcal{O}(0; \{2^{21}, 3^{23}, 6^3\})$	22369622
6	$\mathcal{O}(0; \{2^{17}, 3^{26}, 6^3\})$	178956970
6	$\mathcal{O}(0; \{2^{13}, 3^{29}, 6^3\})$	1431655766
6	$\mathcal{O}(0; \{2^9, 3^{32}, 6^3\})$	11453246122
6	$\mathcal{O}(0; \{2^5, 3^{35}, 6^3\})$	91625968982
6	$\mathcal{O}(0; \{2, 3^{38}, 6^3\})$	733007751850
6	$\mathcal{O}(0; \{2^{50}, 6^4\})$	6
6	$\mathcal{O}(0; \{2^{46}, 3^3, 6^4\})$	42
6	$\mathcal{O}(0; \{2^{42}, 3^6, 6^4\})$	342
6	$\mathcal{O}(0; \{2^{38}, 3^9, 6^4\})$	2730
6	$\mathcal{O}(0; \{2^{34}, 3^{12}, 6^4\})$	21846
6	$\mathcal{O}(0; \{2^{30}, 3^{15}, 6^4\})$	174762
6	$\mathcal{O}(0; \{2^{26}, 3^{18}, 6^4\})$	1398102
6	$\mathcal{O}(0; \{2^{22}, 3^{21}, 6^4\})$	11184810
6	$\mathcal{O}(0; \{2^{18}, 3^{24}, 6^4\})$	89478486
6	$\mathcal{O}(0; \{2^{14}, 3^{27}, 6^4\})$	715827882
6	$\mathcal{O}(0; \{2^{10}, 3^{30}, 6^4\})$	5726623062
6	$\mathcal{O}(0; \{2^6, 3^{33}, 6^4\})$	45812984490
6	$\mathcal{O}(0; \{2^2, 3^{36}, 6^4\})$	366503875926
6	$\mathcal{O}(0; \{2^{47}, 3, 6^5\})$	22
6	$\mathcal{O}(0; \{2^{43}, 3^4, 6^5\})$	170
6	$\mathcal{O}(0; \{2^{39}, 3^7, 6^5\})$	1366
6	$\mathcal{O}(0; \{2^{35}, 3^{10}, 6^5\})$	10922
6	$\mathcal{O}(0; \{2^{31}, 3^{13}, 6^5\})$	87382
6	$\mathcal{O}(0; \{2^{27}, 3^{16}, 6^5\})$	699050
6	$\mathcal{O}(0; \{2^{23}, 3^{19}, 6^5\})$	5592406
6	$\mathcal{O}(0; \{2^{19}, 3^{22}, 6^5\})$	44739242
6	$\mathcal{O}(0; \{2^{15}, 3^{25}, 6^5\})$	357913942
6	$\mathcal{O}(0; \{2^{11}, 3^{28}, 6^5\})$	2863311530
6	$\mathcal{O}(0; \{2^7, 3^{31}, 6^5\})$	22906492246
6	$\mathcal{O}(0; \{2^3, 3^{34}, 6^5\})$	183251937962
6	$\mathcal{O}(0; \{2^{44}, 3^2, 6^6\})$	86

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{3^5, 6^{30}\})$	11453246122
6	$\mathcal{O}(0; \{2^5, 6^{31}\})$	715827882
6	$\mathcal{O}(0; \{2, 3^3, 6^{31}\})$	5726623062
6	$\mathcal{O}(0; \{2^2, 3, 6^{32}\})$	2863311530
6	$\mathcal{O}(0; \{6^{34}\})$	5726623062
7	$\mathcal{O}(11; \{7^3\})$	117294631457489641470
7	$\mathcal{O}(8; \{7^{10}\})$	287066918316408247626
7	$\mathcal{O}(5; \{7^{17}\})$	683051763055472641110
7	$\mathcal{O}(2; \{7^{24}\})$	1625264799044314597386
8	$\mathcal{O}(10; \{8^2\})$	4611686018427387904
8	$\mathcal{O}(9; \{2^4, 8^2\})$	72057594037927936
8	$\mathcal{O}(9; \{2, 4^2, 8^2\})$	288230376151711744
8	$\mathcal{O}(8; \{2^8, 8^2\})$	1125899906842624
8	$\mathcal{O}(8; \{2^5, 4^2, 8^2\})$	4503599627370496
8	$\mathcal{O}(8; \{2^2, 4^4, 8^2\})$	18014398509481984
8	$\mathcal{O}(8; \{2^3, 4, 8^4\})$	36028797018963968
8	$\mathcal{O}(8; \{4^3, 8^4\})$	144115188075855872
8	$\mathcal{O}(8; \{2, 8^6\})$	288230376151711744
8	$\mathcal{O}(7; \{2^{12}, 8^2\})$	17592186044416
8	$\mathcal{O}(7; \{2^9, 4^2, 8^2\})$	70368744177664
8	$\mathcal{O}(7; \{2^6, 4^4, 8^2\})$	281474976710656
8	$\mathcal{O}(7; \{2^3, 4^6, 8^2\})$	1125899906842624
8	$\mathcal{O}(7; \{4^8, 8^2\})$	4503599627370496
8	$\mathcal{O}(7; \{2^7, 4, 8^4\})$	562949953421312
8	$\mathcal{O}(7; \{2^4, 4^3, 8^4\})$	2251799813685248
8	$\mathcal{O}(7; \{2, 4^5, 8^4\})$	9007199254740992
8	$\mathcal{O}(7; \{2^5, 8^6\})$	4503599627370496
8	$\mathcal{O}(7; \{2^2, 4^2, 8^6\})$	18014398509481984
8	$\mathcal{O}(7; \{4, 8^8\})$	144115188075855872
8	$\mathcal{O}(6; \{2^{16}, 8^2\})$	274877906944
8	$\mathcal{O}(6; \{2^{13}, 4^2, 8^2\})$	1099511627776
8	$\mathcal{O}(6; \{2^{10}, 4^4, 8^2\})$	4398046511104
8	$\mathcal{O}(6; \{2^7, 4^6, 8^2\})$	17592186044416
8	$\mathcal{O}(6; \{2^4, 4^8, 8^2\})$	70368744177664
8	$\mathcal{O}(6; \{2, 4^{10}, 8^2\})$	281474976710656
8	$\mathcal{O}(6; \{2^{11}, 4, 8^4\})$	8796093022208
8	$\mathcal{O}(6; \{2^8, 4^3, 8^4\})$	35184372088832
8	$\mathcal{O}(6; \{2^5, 4^5, 8^4\})$	140737488355328
8	$\mathcal{O}(6; \{2^2, 4^7, 8^4\})$	562949953421312
8	$\mathcal{O}(6; \{2^9, 8^6\})$	70368744177664
8	$\mathcal{O}(6; \{2^6, 4^2, 8^6\})$	281474976710656
8	$\mathcal{O}(6; \{2^3, 4^4, 8^6\})$	1125899906842624
8	$\mathcal{O}(6; \{4^6, 8^6\})$	4503599627370496

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(6; \{2^4, 4, 8^8\})$	2251799813685248
8	$\mathcal{O}(6; \{2, 4^3, 8^8\})$	9007199254740992
8	$\mathcal{O}(6; \{2^2, 8^{10}\})$	18014398509481984
8	$\mathcal{O}(5; \{2^{20}, 8^2\})$	4294967296
8	$\mathcal{O}(5; \{2^{17}, 4^2, 8^2\})$	17179869184
8	$\mathcal{O}(5; \{2^{14}, 4^4, 8^2\})$	68719476736
8	$\mathcal{O}(5; \{2^{11}, 4^6, 8^2\})$	274877906944
8	$\mathcal{O}(5; \{2^8, 4^8, 8^2\})$	1099511627776
8	$\mathcal{O}(5; \{2^5, 4^{10}, 8^2\})$	4398046511104
8	$\mathcal{O}(5; \{2^2, 4^{12}, 8^2\})$	17592186044416
8	$\mathcal{O}(5; \{2^{15}, 4, 8^4\})$	137438953472
8	$\mathcal{O}(5; \{2^{12}, 4^3, 8^4\})$	549755813888
8	$\mathcal{O}(5; \{2^9, 4^5, 8^4\})$	2199023255552
8	$\mathcal{O}(5; \{2^6, 4^7, 8^4\})$	8796093022208
8	$\mathcal{O}(5; \{2^3, 4^9, 8^4\})$	35184372088832
8	$\mathcal{O}(5; \{4^{11}, 8^4\})$	140737488355328
8	$\mathcal{O}(5; \{2^{13}, 8^6\})$	1099511627776
8	$\mathcal{O}(5; \{2^{10}, 4^2, 8^6\})$	4398046511104
8	$\mathcal{O}(5; \{2^7, 4^4, 8^6\})$	17592186044416
8	$\mathcal{O}(5; \{2^4, 4^6, 8^6\})$	70368744177664
8	$\mathcal{O}(5; \{2, 4^8, 8^6\})$	281474976710656
8	$\mathcal{O}(5; \{2^8, 4, 8^8\})$	35184372088832
8	$\mathcal{O}(5; \{2^5, 4^3, 8^8\})$	140737488355328
8	$\mathcal{O}(5; \{2^2, 4^5, 8^8\})$	562949953421312
8	$\mathcal{O}(5; \{2^6, 8^{10}\})$	281474976710656
8	$\mathcal{O}(5; \{2^3, 4^2, 8^{10}\})$	1125899906842624
8	$\mathcal{O}(5; \{4^4, 8^{10}\})$	4503599627370496
8	$\mathcal{O}(5; \{2, 4, 8^{12}\})$	9007199254740992
8	$\mathcal{O}(4; \{2^{24}, 8^2\})$	67108864
8	$\mathcal{O}(4; \{2^{21}, 4^2, 8^2\})$	268435456
8	$\mathcal{O}(4; \{2^{18}, 4^4, 8^2\})$	1073741824
8	$\mathcal{O}(4; \{2^{15}, 4^6, 8^2\})$	4294967296
8	$\mathcal{O}(4; \{2^{12}, 4^8, 8^2\})$	17179869184
8	$\mathcal{O}(4; \{2^9, 4^{10}, 8^2\})$	68719476736
8	$\mathcal{O}(4; \{2^6, 4^{12}, 8^2\})$	274877906944
8	$\mathcal{O}(4; \{2^3, 4^{14}, 8^2\})$	1099511627776
8	$\mathcal{O}(4; \{4^{16}, 8^2\})$	4398046511104
8	$\mathcal{O}(4; \{2^{19}, 4, 8^4\})$	2147483648
8	$\mathcal{O}(4; \{2^{16}, 4^3, 8^4\})$	8589934592
8	$\mathcal{O}(4; \{2^{13}, 4^5, 8^4\})$	34359738368
8	$\mathcal{O}(4; \{2^{10}, 4^7, 8^4\})$	137438953472
8	$\mathcal{O}(4; \{2^7, 4^9, 8^4\})$	549755813888
8	$\mathcal{O}(4; \{2^4, 4^{11}, 8^4\})$	2199023255552

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{2, 4^{13}, 8^4\})$	8796093022208
8	$\mathcal{O}(4; \{2^{17}, 8^6\})$	17179869184
8	$\mathcal{O}(4; \{2^{14}, 4^2, 8^6\})$	68719476736
8	$\mathcal{O}(4; \{2^{11}, 4^4, 8^6\})$	274877906944
8	$\mathcal{O}(4; \{2^8, 4^6, 8^6\})$	1099511627776
8	$\mathcal{O}(4; \{2^5, 4^8, 8^6\})$	4398046511104
8	$\mathcal{O}(4; \{2^2, 4^{10}, 8^6\})$	17592186044416
8	$\mathcal{O}(4; \{2^{12}, 4, 8^8\})$	549755813888
8	$\mathcal{O}(4; \{2^9, 4^3, 8^8\})$	2199023255552
8	$\mathcal{O}(4; \{2^6, 4^5, 8^8\})$	8796093022208
8	$\mathcal{O}(4; \{2^3, 4^7, 8^8\})$	35184372088832
8	$\mathcal{O}(4; \{4^9, 8^8\})$	140737488355328
8	$\mathcal{O}(4; \{2^{10}, 8^{10}\})$	4398046511104
8	$\mathcal{O}(4; \{2^7, 4^2, 8^{10}\})$	17592186044416
8	$\mathcal{O}(4; \{2^4, 4^4, 8^{10}\})$	70368744177664
8	$\mathcal{O}(4; \{2, 4^6, 8^{10}\})$	281474976710656
8	$\mathcal{O}(4; \{2^5, 4, 8^{12}\})$	140737488355328
8	$\mathcal{O}(4; \{2^2, 4^3, 8^{12}\})$	562949953421312
8	$\mathcal{O}(4; \{2^3, 8^{14}\})$	1125899906842624
8	$\mathcal{O}(4; \{4^2, 8^{14}\})$	4503599627370496
8	$\mathcal{O}(3; \{2^{28}, 8^2\})$	1048576
8	$\mathcal{O}(3; \{2^{25}, 4^2, 8^2\})$	4194304
8	$\mathcal{O}(3; \{2^{22}, 4^4, 8^2\})$	16777216
8	$\mathcal{O}(3; \{2^{19}, 4^6, 8^2\})$	67108864
8	$\mathcal{O}(3; \{2^{16}, 4^8, 8^2\})$	268435456
8	$\mathcal{O}(3; \{2^{13}, 4^{10}, 8^2\})$	1073741824
8	$\mathcal{O}(3; \{2^{10}, 4^{12}, 8^2\})$	4294967296
8	$\mathcal{O}(3; \{2^7, 4^{14}, 8^2\})$	17179869184
8	$\mathcal{O}(3; \{2^4, 4^{16}, 8^2\})$	68719476736
8	$\mathcal{O}(3; \{2, 4^{18}, 8^2\})$	274877906944
8	$\mathcal{O}(3; \{2^{23}, 4, 8^4\})$	33554432
8	$\mathcal{O}(3; \{2^{20}, 4^3, 8^4\})$	134217728
8	$\mathcal{O}(3; \{2^{17}, 4^5, 8^4\})$	536870912
8	$\mathcal{O}(3; \{2^{14}, 4^7, 8^4\})$	2147483648
8	$\mathcal{O}(3; \{2^{11}, 4^9, 8^4\})$	8589934592
8	$\mathcal{O}(3; \{2^8, 4^{11}, 8^4\})$	34359738368
8	$\mathcal{O}(3; \{2^5, 4^{13}, 8^4\})$	137438953472
8	$\mathcal{O}(3; \{2^2, 4^{15}, 8^4\})$	549755813888
8	$\mathcal{O}(3; \{2^{21}, 8^6\})$	268435456
8	$\mathcal{O}(3; \{2^{18}, 4^2, 8^6\})$	1073741824
8	$\mathcal{O}(3; \{2^{15}, 4^4, 8^6\})$	4294967296
8	$\mathcal{O}(3; \{2^{12}, 4^6, 8^6\})$	17179869184
8	$\mathcal{O}(3; \{2^9, 4^8, 8^6\})$	68719476736

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{2^6, 4^{10}, 8^6\})$	274877906944
8	$\mathcal{O}(3; \{2^3, 4^{12}, 8^6\})$	1099511627776
8	$\mathcal{O}(3; \{4^{14}, 8^6\})$	4398046511104
8	$\mathcal{O}(3; \{2^{16}, 4, 8^8\})$	8589934592
8	$\mathcal{O}(3; \{2^{13}, 4^3, 8^8\})$	34359738368
8	$\mathcal{O}(3; \{2^{10}, 4^5, 8^8\})$	137438953472
8	$\mathcal{O}(3; \{2^7, 4^7, 8^8\})$	549755813888
8	$\mathcal{O}(3; \{2^4, 4^9, 8^8\})$	2199023255552
8	$\mathcal{O}(3; \{2, 4^{11}, 8^8\})$	8796093022208
8	$\mathcal{O}(3; \{2^{14}, 8^{10}\})$	68719476736
8	$\mathcal{O}(3; \{2^{11}, 4^2, 8^{10}\})$	274877906944
8	$\mathcal{O}(3; \{2^8, 4^4, 8^{10}\})$	1099511627776
8	$\mathcal{O}(3; \{2^5, 4^6, 8^{10}\})$	4398046511104
8	$\mathcal{O}(3; \{2^2, 4^8, 8^{10}\})$	17592186044416
8	$\mathcal{O}(3; \{2^9, 4, 8^{12}\})$	2199023255552
8	$\mathcal{O}(3; \{2^6, 4^3, 8^{12}\})$	8796093022208
8	$\mathcal{O}(3; \{2^3, 4^5, 8^{12}\})$	35184372088832
8	$\mathcal{O}(3; \{4^7, 8^{12}\})$	140737488355328
8	$\mathcal{O}(3; \{2^7, 8^{14}\})$	17592186044416
8	$\mathcal{O}(3; \{2^4, 4^2, 8^{14}\})$	70368744177664
8	$\mathcal{O}(3; \{2, 4^4, 8^{14}\})$	281474976710656
8	$\mathcal{O}(3; \{2^2, 4, 8^{16}\})$	562949953421312
8	$\mathcal{O}(3; \{8^{18}\})$	4503599627370496
8	$\mathcal{O}(2; \{2^{32}, 8^2\})$	16384
8	$\mathcal{O}(2; \{2^{29}, 4^2, 8^2\})$	65536
8	$\mathcal{O}(2; \{2^{26}, 4^4, 8^2\})$	262144
8	$\mathcal{O}(2; \{2^{23}, 4^6, 8^2\})$	1048576
8	$\mathcal{O}(2; \{2^{20}, 4^8, 8^2\})$	4194304
8	$\mathcal{O}(2; \{2^{17}, 4^{10}, 8^2\})$	16777216
8	$\mathcal{O}(2; \{2^{14}, 4^{12}, 8^2\})$	67108864
8	$\mathcal{O}(2; \{2^{11}, 4^{14}, 8^2\})$	268435456
8	$\mathcal{O}(2; \{2^8, 4^{16}, 8^2\})$	1073741824
8	$\mathcal{O}(2; \{2^5, 4^{18}, 8^2\})$	4294967296
8	$\mathcal{O}(2; \{2^2, 4^{20}, 8^2\})$	17179869184
8	$\mathcal{O}(2; \{2^{27}, 4, 8^4\})$	524288
8	$\mathcal{O}(2; \{2^{24}, 4^3, 8^4\})$	2097152
8	$\mathcal{O}(2; \{2^{21}, 4^5, 8^4\})$	8388608
8	$\mathcal{O}(2; \{2^{18}, 4^7, 8^4\})$	33554432
8	$\mathcal{O}(2; \{2^{15}, 4^9, 8^4\})$	134217728
8	$\mathcal{O}(2; \{2^{12}, 4^{11}, 8^4\})$	536870912
8	$\mathcal{O}(2; \{2^9, 4^{13}, 8^4\})$	2147483648
8	$\mathcal{O}(2; \{2^6, 4^{15}, 8^4\})$	8589934592
8	$\mathcal{O}(2; \{2^3, 4^{17}, 8^4\})$	34359738368

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{4^{19}, 8^4\})$	137438953472
8	$\mathcal{O}(2; \{2^{25}, 8^6\})$	4194304
8	$\mathcal{O}(2; \{2^{22}, 4^2, 8^6\})$	16777216
8	$\mathcal{O}(2; \{2^{19}, 4^4, 8^6\})$	67108864
8	$\mathcal{O}(2; \{2^{16}, 4^6, 8^6\})$	268435456
8	$\mathcal{O}(2; \{2^{13}, 4^8, 8^6\})$	1073741824
8	$\mathcal{O}(2; \{2^{10}, 4^{10}, 8^6\})$	4294967296
8	$\mathcal{O}(2; \{2^7, 4^{12}, 8^6\})$	17179869184
8	$\mathcal{O}(2; \{2^4, 4^{14}, 8^6\})$	68719476736
8	$\mathcal{O}(2; \{2, 4^{16}, 8^6\})$	274877906944
8	$\mathcal{O}(2; \{2^{20}, 4, 8^8\})$	134217728
8	$\mathcal{O}(2; \{2^{17}, 4^3, 8^8\})$	536870912
8	$\mathcal{O}(2; \{2^{14}, 4^5, 8^8\})$	2147483648
8	$\mathcal{O}(2; \{2^{11}, 4^7, 8^8\})$	8589934592
8	$\mathcal{O}(2; \{2^8, 4^9, 8^8\})$	34359738368
8	$\mathcal{O}(2; \{2^5, 4^{11}, 8^8\})$	137438953472
8	$\mathcal{O}(2; \{2^2, 4^{13}, 8^8\})$	549755813888
8	$\mathcal{O}(2; \{2^{18}, 8^{10}\})$	1073741824
8	$\mathcal{O}(2; \{2^{15}, 4^2, 8^{10}\})$	4294967296
8	$\mathcal{O}(2; \{2^{12}, 4^4, 8^{10}\})$	17179869184
8	$\mathcal{O}(2; \{2^9, 4^6, 8^{10}\})$	68719476736
8	$\mathcal{O}(2; \{2^6, 4^8, 8^{10}\})$	274877906944
8	$\mathcal{O}(2; \{2^3, 4^{10}, 8^{10}\})$	1099511627776
8	$\mathcal{O}(2; \{4^{12}, 8^{10}\})$	4398046511104
8	$\mathcal{O}(2; \{2^{13}, 4, 8^{12}\})$	34359738368
8	$\mathcal{O}(2; \{2^{10}, 4^3, 8^{12}\})$	137438953472
8	$\mathcal{O}(2; \{2^7, 4^5, 8^{12}\})$	549755813888
8	$\mathcal{O}(2; \{2^4, 4^7, 8^{12}\})$	2199023255552
8	$\mathcal{O}(2; \{2, 4^9, 8^{12}\})$	8796093022208
8	$\mathcal{O}(2; \{2^{11}, 8^{14}\})$	274877906944
8	$\mathcal{O}(2; \{2^8, 4^2, 8^{14}\})$	1099511627776
8	$\mathcal{O}(2; \{2^5, 4^4, 8^{14}\})$	4398046511104
8	$\mathcal{O}(2; \{2^2, 4^6, 8^{14}\})$	17592186044416
8	$\mathcal{O}(2; \{2^6, 4, 8^{16}\})$	8796093022208
8	$\mathcal{O}(2; \{2^3, 4^3, 8^{16}\})$	35184372088832
8	$\mathcal{O}(2; \{4^5, 8^{16}\})$	140737488355328
8	$\mathcal{O}(2; \{2^4, 8^{18}\})$	70368744177664
8	$\mathcal{O}(2; \{2, 4^2, 8^{18}\})$	281474976710656
8	$\mathcal{O}(1; \{2^{36}, 8^2\})$	256
8	$\mathcal{O}(1; \{2^{33}, 4^2, 8^2\})$	1024
8	$\mathcal{O}(1; \{2^{30}, 4^4, 8^2\})$	4096
8	$\mathcal{O}(1; \{2^{27}, 4^6, 8^2\})$	16384
8	$\mathcal{O}(1; \{2^{24}, 4^8, 8^2\})$	65536

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^{21}, 4^{10}, 8^2\})$	262144
8	$\mathcal{O}(1; \{2^{18}, 4^{12}, 8^2\})$	1048576
8	$\mathcal{O}(1; \{2^{15}, 4^{14}, 8^2\})$	4194304
8	$\mathcal{O}(1; \{2^{12}, 4^{16}, 8^2\})$	16777216
8	$\mathcal{O}(1; \{2^9, 4^{18}, 8^2\})$	67108864
8	$\mathcal{O}(1; \{2^6, 4^{20}, 8^2\})$	268435456
8	$\mathcal{O}(1; \{2^3, 4^{22}, 8^2\})$	1073741824
8	$\mathcal{O}(1; \{4^{24}, 8^2\})$	4294967296
8	$\mathcal{O}(1; \{2^{31}, 4, 8^4\})$	8192
8	$\mathcal{O}(1; \{2^{28}, 4^3, 8^4\})$	32768
8	$\mathcal{O}(1; \{2^{25}, 4^5, 8^4\})$	131072
8	$\mathcal{O}(1; \{2^{22}, 4^7, 8^4\})$	524288
8	$\mathcal{O}(1; \{2^{19}, 4^9, 8^4\})$	2097152
8	$\mathcal{O}(1; \{2^{16}, 4^{11}, 8^4\})$	8388608
8	$\mathcal{O}(1; \{2^{13}, 4^{13}, 8^4\})$	33554432
8	$\mathcal{O}(1; \{2^{10}, 4^{15}, 8^4\})$	134217728
8	$\mathcal{O}(1; \{2^7, 4^{17}, 8^4\})$	536870912
8	$\mathcal{O}(1; \{2^4, 4^{19}, 8^4\})$	2147483648
8	$\mathcal{O}(1; \{2, 4^{21}, 8^4\})$	8589934592
8	$\mathcal{O}(1; \{2^{29}, 8^6\})$	65536
8	$\mathcal{O}(1; \{2^{26}, 4^2, 8^6\})$	262144
8	$\mathcal{O}(1; \{2^{23}, 4^4, 8^6\})$	1048576
8	$\mathcal{O}(1; \{2^{20}, 4^6, 8^6\})$	4194304
8	$\mathcal{O}(1; \{2^{17}, 4^8, 8^6\})$	16777216
8	$\mathcal{O}(1; \{2^{14}, 4^{10}, 8^6\})$	67108864
8	$\mathcal{O}(1; \{2^{11}, 4^{12}, 8^6\})$	268435456
8	$\mathcal{O}(1; \{2^8, 4^{14}, 8^6\})$	1073741824
8	$\mathcal{O}(1; \{2^5, 4^{16}, 8^6\})$	4294967296
8	$\mathcal{O}(1; \{2^2, 4^{18}, 8^6\})$	17179869184
8	$\mathcal{O}(1; \{2^{24}, 4, 8^8\})$	2097152
8	$\mathcal{O}(1; \{2^{21}, 4^3, 8^8\})$	8388608
8	$\mathcal{O}(1; \{2^{18}, 4^5, 8^8\})$	33554432
8	$\mathcal{O}(1; \{2^{15}, 4^7, 8^8\})$	134217728
8	$\mathcal{O}(1; \{2^{12}, 4^9, 8^8\})$	536870912
8	$\mathcal{O}(1; \{2^9, 4^{11}, 8^8\})$	2147483648
8	$\mathcal{O}(1; \{2^6, 4^{13}, 8^8\})$	8589934592
8	$\mathcal{O}(1; \{2^3, 4^{15}, 8^8\})$	34359738368
8	$\mathcal{O}(1; \{4^{17}, 8^8\})$	137438953472
8	$\mathcal{O}(1; \{2^{22}, 8^{10}\})$	16777216
8	$\mathcal{O}(1; \{2^{19}, 4^2, 8^{10}\})$	67108864
8	$\mathcal{O}(1; \{2^{16}, 4^4, 8^{10}\})$	268435456
8	$\mathcal{O}(1; \{2^{13}, 4^6, 8^{10}\})$	1073741824
8	$\mathcal{O}(1; \{2^{10}, 4^8, 8^{10}\})$	4294967296

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^7, 4^{10}, 8^{10}\})$	17179869184
8	$\mathcal{O}(1; \{2^4, 4^{12}, 8^{10}\})$	68719476736
8	$\mathcal{O}(1; \{2, 4^{14}, 8^{10}\})$	274877906944
8	$\mathcal{O}(1; \{2^{17}, 4, 8^{12}\})$	536870912
8	$\mathcal{O}(1; \{2^{14}, 4^3, 8^{12}\})$	2147483648
8	$\mathcal{O}(1; \{2^{11}, 4^5, 8^{12}\})$	8589934592
8	$\mathcal{O}(1; \{2^8, 4^7, 8^{12}\})$	34359738368
8	$\mathcal{O}(1; \{2^5, 4^9, 8^{12}\})$	137438953472
8	$\mathcal{O}(1; \{2^2, 4^{11}, 8^{12}\})$	549755813888
8	$\mathcal{O}(1; \{2^{15}, 8^{14}\})$	4294967296
8	$\mathcal{O}(1; \{2^{12}, 4^2, 8^{14}\})$	17179869184
8	$\mathcal{O}(1; \{2^9, 4^4, 8^{14}\})$	68719476736
8	$\mathcal{O}(1; \{2^6, 4^6, 8^{14}\})$	274877906944
8	$\mathcal{O}(1; \{2^3, 4^8, 8^{14}\})$	1099511627776
8	$\mathcal{O}(1; \{4^{10}, 8^{14}\})$	4398046511104
8	$\mathcal{O}(1; \{2^{10}, 4, 8^{16}\})$	137438953472
8	$\mathcal{O}(1; \{2^7, 4^3, 8^{16}\})$	549755813888
8	$\mathcal{O}(1; \{2^4, 4^5, 8^{16}\})$	2199023255552
8	$\mathcal{O}(1; \{2, 4^7, 8^{16}\})$	8796093022208
8	$\mathcal{O}(1; \{2^8, 8^{18}\})$	1099511627776
8	$\mathcal{O}(1; \{2^5, 4^2, 8^{18}\})$	4398046511104
8	$\mathcal{O}(1; \{2^2, 4^4, 8^{18}\})$	17592186044416
8	$\mathcal{O}(1; \{2^3, 4, 8^{20}\})$	35184372088832
8	$\mathcal{O}(1; \{4^3, 8^{20}\})$	140737488355328
8	$\mathcal{O}(1; \{2, 8^{22}\})$	281474976710656
8	$\mathcal{O}(0; \{2^{40}, 8^2\})$	4
8	$\mathcal{O}(0; \{2^{37}, 4^2, 8^2\})$	16
8	$\mathcal{O}(0; \{2^{34}, 4^4, 8^2\})$	64
8	$\mathcal{O}(0; \{2^{31}, 4^6, 8^2\})$	256
8	$\mathcal{O}(0; \{2^{28}, 4^8, 8^2\})$	1024
8	$\mathcal{O}(0; \{2^{25}, 4^{10}, 8^2\})$	4096
8	$\mathcal{O}(0; \{2^{22}, 4^{12}, 8^2\})$	16384
8	$\mathcal{O}(0; \{2^{19}, 4^{14}, 8^2\})$	65536
8	$\mathcal{O}(0; \{2^{16}, 4^{16}, 8^2\})$	262144
8	$\mathcal{O}(0; \{2^{13}, 4^{18}, 8^2\})$	1048576
8	$\mathcal{O}(0; \{2^{10}, 4^{20}, 8^2\})$	4194304
8	$\mathcal{O}(0; \{2^7, 4^{22}, 8^2\})$	16777216
8	$\mathcal{O}(0; \{2^4, 4^{24}, 8^2\})$	67108864
8	$\mathcal{O}(0; \{2, 4^{26}, 8^2\})$	268435456
8	$\mathcal{O}(0; \{2^{35}, 4, 8^4\})$	128
8	$\mathcal{O}(0; \{2^{32}, 4^3, 8^4\})$	512
8	$\mathcal{O}(0; \{2^{29}, 4^5, 8^4\})$	2048
8	$\mathcal{O}(0; \{2^{26}, 4^7, 8^4\})$	8192

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^9, 4^9, 8^{12}\})$	2147483648
8	$\mathcal{O}(0; \{2^6, 4^{11}, 8^{12}\})$	8589934592
8	$\mathcal{O}(0; \{2^3, 4^{13}, 8^{12}\})$	34359738368
8	$\mathcal{O}(0; \{4^{15}, 8^{12}\})$	137438953472
8	$\mathcal{O}(0; \{2^{19}, 8^{14}\})$	67108864
8	$\mathcal{O}(0; \{2^{16}, 4^2, 8^{14}\})$	268435456
8	$\mathcal{O}(0; \{2^{13}, 4^4, 8^{14}\})$	1073741824
8	$\mathcal{O}(0; \{2^{10}, 4^6, 8^{14}\})$	4294967296
8	$\mathcal{O}(0; \{2^7, 4^8, 8^{14}\})$	17179869184
8	$\mathcal{O}(0; \{2^4, 4^{10}, 8^{14}\})$	68719476736
8	$\mathcal{O}(0; \{2, 4^{12}, 8^{14}\})$	274877906944
8	$\mathcal{O}(0; \{2^{14}, 4, 8^{16}\})$	2147483648
8	$\mathcal{O}(0; \{2^{11}, 4^3, 8^{16}\})$	8589934592
8	$\mathcal{O}(0; \{2^8, 4^5, 8^{16}\})$	34359738368
8	$\mathcal{O}(0; \{2^5, 4^7, 8^{16}\})$	137438953472
8	$\mathcal{O}(0; \{2^2, 4^9, 8^{16}\})$	549755813888
8	$\mathcal{O}(0; \{2^{12}, 8^{18}\})$	17179869184
8	$\mathcal{O}(0; \{2^9, 4^2, 8^{18}\})$	68719476736
8	$\mathcal{O}(0; \{2^6, 4^4, 8^{18}\})$	274877906944
8	$\mathcal{O}(0; \{2^3, 4^6, 8^{18}\})$	1099511627776
8	$\mathcal{O}(0; \{4^8, 8^{18}\})$	4398046511104
8	$\mathcal{O}(0; \{2^7, 4, 8^{20}\})$	549755813888
8	$\mathcal{O}(0; \{2^4, 4^3, 8^{20}\})$	2199023255552
8	$\mathcal{O}(0; \{2, 4^5, 8^{20}\})$	8796093022208
8	$\mathcal{O}(0; \{2^5, 8^{22}\})$	4398046511104
8	$\mathcal{O}(0; \{2^2, 4^2, 8^{22}\})$	17592186044416
8	$\mathcal{O}(0; \{4, 8^{24}\})$	140737488355328
9	$\mathcal{O}(8; \{9^4\})$	300189270593998242
9	$\mathcal{O}(7; \{3^3, 9^4\})$	29648323021629456
9	$\mathcal{O}(6; \{3^6, 9^4\})$	2928229434235008
9	$\mathcal{O}(6; \{3^2, 9^7\})$	34589710191901032
9	$\mathcal{O}(5; \{3^9, 9^4\})$	289207845356544
9	$\mathcal{O}(5; \{3^5, 9^7\})$	3416267673274176
9	$\mathcal{O}(5; \{3, 9^{10}\})$	46943178117579972
9	$\mathcal{O}(4; \{3^{12}, 9^4\})$	28563737812992
9	$\mathcal{O}(4; \{3^8, 9^7\})$	337409152915968
9	$\mathcal{O}(4; \{3^4, 9^{10}\})$	4636363270872096
9	$\mathcal{O}(4; \{9^{13}\})$	62453643402043530
9	$\mathcal{O}(3; \{3^{15}, 9^4\})$	2821109907456
9	$\mathcal{O}(3; \{3^{11}, 9^7\})$	33324360781824
9	$\mathcal{O}(3; \{3^7, 9^{10}\})$	457912421814528
9	$\mathcal{O}(3; \{3^3, 9^{13}\})$	6168261076745040
9	$\mathcal{O}(2; \{3^{18}, 9^4\})$	278628139008

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(2; \{3^{14}, 9^7\})$	3291294892032
9	$\mathcal{O}(2; \{3^{10}, 9^{10}\})$	45225918203904
9	$\mathcal{O}(2; \{3^6, 9^{13}\})$	609210970542720
9	$\mathcal{O}(2; \{3^2, 9^{16}\})$	8226607538618568
9	$\mathcal{O}(1; \{3^{21}, 9^4\})$	27518828544
9	$\mathcal{O}(1; \{3^{17}, 9^7\})$	325066162176
9	$\mathcal{O}(1; \{3^{13}, 9^{10}\})$	4466757353472
9	$\mathcal{O}(1; \{3^9, 9^{13}\})$	60168984744960
9	$\mathcal{O}(1; \{3^5, 9^{16}\})$	812504448258624
9	$\mathcal{O}(1; \{3, 9^{19}\})$	10968433478776116
9	$\mathcal{O}(0; \{3^{24}, 9^4\})$	2717908992
9	$\mathcal{O}(0; \{3^{20}, 9^7\})$	32105299968
9	$\mathcal{O}(0; \{3^{16}, 9^{10}\})$	441161220096
9	$\mathcal{O}(0; \{3^{12}, 9^{13}\})$	5942615777280
9	$\mathcal{O}(0; \{3^8, 9^{16}\})$	80247352914432
9	$\mathcal{O}(0; \{3^4, 9^{19}\})$	1083302071977888
9	$\mathcal{O}(0; \{9^{22}\})$	14624640733820706
10	$\mathcal{O}(8; \{10^2\})$	4000000000000000
10	$\mathcal{O}(7; \{2, 5^3, 10\})$	5200000000000000
10	$\mathcal{O}(7; \{2^4, 10^2\})$	4000000000000000
10	$\mathcal{O}(6; \{2^2, 5^6\})$	8200000000000000
10	$\mathcal{O}(6; \{2^5, 5^3, 10\})$	5200000000000000
10	$\mathcal{O}(6; \{2^8, 10^2\})$	4000000000000000
10	$\mathcal{O}(6; \{5^5, 10^2\})$	3276000000000000
10	$\mathcal{O}(6; \{2^3, 5^2, 10^3\})$	2040000000000000
10	$\mathcal{O}(6; \{2, 5, 10^5\})$	8200000000000000
10	$\mathcal{O}(5; \{2^6, 5^6\})$	8200000000000000
10	$\mathcal{O}(5; \{2^9, 5^3, 10\})$	5200000000000000
10	$\mathcal{O}(5; \{2, 5^8, 10\})$	5242800000000000
10	$\mathcal{O}(5; \{2^{12}, 10^2\})$	4000000000000000
10	$\mathcal{O}(5; \{2^4, 5^5, 10^2\})$	3276000000000000
10	$\mathcal{O}(5; \{2^7, 5^2, 10^3\})$	2040000000000000
10	$\mathcal{O}(5; \{2^2, 5^4, 10^4\})$	1310800000000000
10	$\mathcal{O}(5; \{2^5, 5, 10^5\})$	8200000000000000
10	$\mathcal{O}(5; \{5^3, 10^6\})$	5242800000000000
10	$\mathcal{O}(5; \{2^3, 10^7\})$	3276000000000000
10	$\mathcal{O}(4; \{2^{10}, 5^6\})$	8200000000000000
10	$\mathcal{O}(4; \{2^2, 5^{11}\})$	8388600000000000
10	$\mathcal{O}(4; \{2^{13}, 5^3, 10\})$	5200000000000000
10	$\mathcal{O}(4; \{2^5, 5^8, 10\})$	5242800000000000
10	$\mathcal{O}(4; \{2^{16}, 10^2\})$	4000000000000000
10	$\mathcal{O}(4; \{2^8, 5^5, 10^2\})$	3276000000000000
10	$\mathcal{O}(4; \{5^{10}, 10^2\})$	3355444000000000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(4; \{2^{11}, 5^2, 10^3\})$	20400000000
10	$\mathcal{O}(4; \{2^3, 5^7, 10^3\})$	2097160000000
10	$\mathcal{O}(4; \{2^6, 5^4, 10^4\})$	1310800000000
10	$\mathcal{O}(4; \{2^9, 5, 10^5\})$	82000000000
10	$\mathcal{O}(4; \{2, 5^6, 10^5\})$	8388600000000
10	$\mathcal{O}(4; \{2^4, 5^3, 10^6\})$	5242800000000
10	$\mathcal{O}(4; \{2^7, 10^7\})$	3276000000000
10	$\mathcal{O}(4; \{2^2, 5^2, 10^8\})$	2097160000000
10	$\mathcal{O}(4; \{5, 10^{10}\})$	8388600000000
10	$\mathcal{O}(3; \{2^{14}, 5^6\})$	820000000
10	$\mathcal{O}(3; \{2^6, 5^{11}\})$	8388600000000
10	$\mathcal{O}(3; \{2^{17}, 5^3, 10\})$	52000000
10	$\mathcal{O}(3; \{2^9, 5^8, 10\})$	52428000000
10	$\mathcal{O}(3; \{2, 5^{13}, 10\})$	53687092000000
10	$\mathcal{O}(3; \{2^{20}, 10^2\})$	4000000
10	$\mathcal{O}(3; \{2^{12}, 5^5, 10^2\})$	3276000000
10	$\mathcal{O}(3; \{2^4, 5^{10}, 10^2\})$	3355444000000
10	$\mathcal{O}(3; \{2^{15}, 5^2, 10^3\})$	204000000
10	$\mathcal{O}(3; \{2^7, 5^7, 10^3\})$	209716000000
10	$\mathcal{O}(3; \{2^{10}, 5^4, 10^4\})$	13108000000
10	$\mathcal{O}(3; \{2^2, 5^9, 10^4\})$	13421772000000
10	$\mathcal{O}(3; \{2^{13}, 5, 10^5\})$	820000000
10	$\mathcal{O}(3; \{2^5, 5^6, 10^5\})$	8388600000000
10	$\mathcal{O}(3; \{2^8, 5^3, 10^6\})$	52428000000
10	$\mathcal{O}(3; \{5^8, 10^6\})$	53687092000000
10	$\mathcal{O}(3; \{2^{11}, 10^7\})$	3276000000
10	$\mathcal{O}(3; \{2^3, 5^5, 10^7\})$	3355444000000
10	$\mathcal{O}(3; \{2^6, 5^2, 10^8\})$	209716000000
10	$\mathcal{O}(3; \{2, 5^4, 10^9\})$	13421772000000
10	$\mathcal{O}(3; \{2^4, 5, 10^{10}\})$	8388600000000
10	$\mathcal{O}(3; \{2^2, 10^{12}\})$	3355444000000
10	$\mathcal{O}(2; \{2^{18}, 5^6\})$	8200000
10	$\mathcal{O}(2; \{2^{10}, 5^{11}\})$	8388600000
10	$\mathcal{O}(2; \{2^2, 5^{16}\})$	8589934600000
10	$\mathcal{O}(2; \{2^{21}, 5^3, 10\})$	520000
10	$\mathcal{O}(2; \{2^{13}, 5^8, 10\})$	524280000
10	$\mathcal{O}(2; \{2^5, 5^{13}, 10\})$	536870920000
10	$\mathcal{O}(2; \{2^{24}, 10^2\})$	40000
10	$\mathcal{O}(2; \{2^{16}, 5^5, 10^2\})$	32760000
10	$\mathcal{O}(2; \{2^8, 5^{10}, 10^2\})$	33554440000
10	$\mathcal{O}(2; \{5^{15}, 10^2\})$	34359738360000
10	$\mathcal{O}(2; \{2^{19}, 5^2, 10^3\})$	2040000
10	$\mathcal{O}(2; \{2^{11}, 5^7, 10^3\})$	2097160000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{2^3, 5^{12}, 10^3\})$	2147483640000
10	$\mathcal{O}(2; \{2^{14}, 5^4, 10^4\})$	131080000
10	$\mathcal{O}(2; \{2^6, 5^9, 10^4\})$	134217720000
10	$\mathcal{O}(2; \{2^{17}, 5, 10^5\})$	8200000
10	$\mathcal{O}(2; \{2^9, 5^6, 10^5\})$	8388600000
10	$\mathcal{O}(2; \{2, 5^{11}, 10^5\})$	8589934600000
10	$\mathcal{O}(2; \{2^{12}, 5^3, 10^6\})$	524280000
10	$\mathcal{O}(2; \{2^4, 5^8, 10^6\})$	536870920000
10	$\mathcal{O}(2; \{2^{15}, 10^7\})$	32760000
10	$\mathcal{O}(2; \{2^7, 5^5, 10^7\})$	33554440000
10	$\mathcal{O}(2; \{2^{10}, 5^2, 10^8\})$	2097160000
10	$\mathcal{O}(2; \{2^2, 5^7, 10^8\})$	2147483640000
10	$\mathcal{O}(2; \{2^5, 5^4, 10^9\})$	134217720000
10	$\mathcal{O}(2; \{2^8, 5, 10^{10}\})$	8388600000
10	$\mathcal{O}(2; \{5^6, 10^{10}\})$	8589934600000
10	$\mathcal{O}(2; \{2^3, 5^3, 10^{11}\})$	536870920000
10	$\mathcal{O}(2; \{2^6, 10^{12}\})$	33554440000
10	$\mathcal{O}(2; \{2, 5^2, 10^{13}\})$	2147483640000
10	$\mathcal{O}(1; \{2^{22}, 5^6\})$	82000
10	$\mathcal{O}(1; \{2^{14}, 5^{11}\})$	83886000
10	$\mathcal{O}(1; \{2^6, 5^{16}\})$	85899346000
10	$\mathcal{O}(1; \{2^{25}, 5^3, 10\})$	5200
10	$\mathcal{O}(1; \{2^{17}, 5^8, 10\})$	5242800
10	$\mathcal{O}(1; \{2^9, 5^{13}, 10\})$	5368709200
10	$\mathcal{O}(1; \{2, 5^{18}, 10\})$	5497558138800
10	$\mathcal{O}(1; \{2^{28}, 10^2\})$	400
10	$\mathcal{O}(1; \{2^{20}, 5^5, 10^2\})$	327600
10	$\mathcal{O}(1; \{2^{12}, 5^{10}, 10^2\})$	335544400
10	$\mathcal{O}(1; \{2^4, 5^{15}, 10^2\})$	343597383600
10	$\mathcal{O}(1; \{2^{23}, 5^2, 10^3\})$	20400
10	$\mathcal{O}(1; \{2^{15}, 5^7, 10^3\})$	20971600
10	$\mathcal{O}(1; \{2^7, 5^{12}, 10^3\})$	21474836400
10	$\mathcal{O}(1; \{2^{18}, 5^4, 10^4\})$	1310800
10	$\mathcal{O}(1; \{2^{10}, 5^9, 10^4\})$	1342177200
10	$\mathcal{O}(1; \{2^2, 5^{14}, 10^4\})$	1374389534800
10	$\mathcal{O}(1; \{2^{21}, 5, 10^5\})$	82000
10	$\mathcal{O}(1; \{2^{13}, 5^6, 10^5\})$	83886000
10	$\mathcal{O}(1; \{2^5, 5^{11}, 10^5\})$	85899346000
10	$\mathcal{O}(1; \{2^{16}, 5^3, 10^6\})$	5242800
10	$\mathcal{O}(1; \{2^8, 5^8, 10^6\})$	5368709200
10	$\mathcal{O}(1; \{5^{13}, 10^6\})$	5497558138800
10	$\mathcal{O}(1; \{2^{19}, 10^7\})$	327600
10	$\mathcal{O}(1; \{2^{11}, 5^5, 10^7\})$	335544400

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{2^3, 5^{10}, 10^7\})$	343597383600
10	$\mathcal{O}(1; \{2^{14}, 5^2, 10^8\})$	20971600
10	$\mathcal{O}(1; \{2^6, 5^7, 10^8\})$	21474836400
10	$\mathcal{O}(1; \{2^9, 5^4, 10^9\})$	1342177200
10	$\mathcal{O}(1; \{2, 5^9, 10^9\})$	1374389534800
10	$\mathcal{O}(1; \{2^{12}, 5, 10^{10}\})$	83886000
10	$\mathcal{O}(1; \{2^4, 5^6, 10^{10}\})$	85899346000
10	$\mathcal{O}(1; \{2^7, 5^3, 10^{11}\})$	5368709200
10	$\mathcal{O}(1; \{2^{10}, 10^{12}\})$	335544400
10	$\mathcal{O}(1; \{2^2, 5^5, 10^{12}\})$	343597383600
10	$\mathcal{O}(1; \{2^5, 5^2, 10^{13}\})$	21474836400
10	$\mathcal{O}(1; \{5^4, 10^{14}\})$	1374389534800
10	$\mathcal{O}(1; \{2^3, 5, 10^{15}\})$	85899346000
10	$\mathcal{O}(1; \{2, 10^{17}\})$	343597383600
10	$\mathcal{O}(0; \{2^{26}, 5^6\})$	820
10	$\mathcal{O}(0; \{2^{18}, 5^{11}\})$	838860
10	$\mathcal{O}(0; \{2^{10}, 5^{16}\})$	858993460
10	$\mathcal{O}(0; \{2^2, 5^{21}\})$	879609302220
10	$\mathcal{O}(0; \{2^{29}, 5^3, 10\})$	52
10	$\mathcal{O}(0; \{2^{21}, 5^8, 10\})$	52428
10	$\mathcal{O}(0; \{2^{13}, 5^{13}, 10\})$	53687092
10	$\mathcal{O}(0; \{2^5, 5^{18}, 10\})$	54975581388
10	$\mathcal{O}(0; \{2^{32}, 10^2\})$	4
10	$\mathcal{O}(0; \{2^{24}, 5^5, 10^2\})$	3276
10	$\mathcal{O}(0; \{2^{16}, 5^{10}, 10^2\})$	3355444
10	$\mathcal{O}(0; \{2^8, 5^{15}, 10^2\})$	3435973836
10	$\mathcal{O}(0; \{5^{20}, 10^2\})$	3518437208884
10	$\mathcal{O}(0; \{2^{27}, 5^2, 10^3\})$	204
10	$\mathcal{O}(0; \{2^{19}, 5^7, 10^3\})$	209716
10	$\mathcal{O}(0; \{2^{11}, 5^{12}, 10^3\})$	214748364
10	$\mathcal{O}(0; \{2^3, 5^{17}, 10^3\})$	219902325556
10	$\mathcal{O}(0; \{2^{22}, 5^4, 10^4\})$	13108
10	$\mathcal{O}(0; \{2^{14}, 5^9, 10^4\})$	13421772
10	$\mathcal{O}(0; \{2^6, 5^{14}, 10^4\})$	13743895348
10	$\mathcal{O}(0; \{2^{25}, 5, 10^5\})$	820
10	$\mathcal{O}(0; \{2^{17}, 5^6, 10^5\})$	838860
10	$\mathcal{O}(0; \{2^9, 5^{11}, 10^5\})$	858993460
10	$\mathcal{O}(0; \{2, 5^{16}, 10^5\})$	879609302220
10	$\mathcal{O}(0; \{2^{20}, 5^3, 10^6\})$	52428
10	$\mathcal{O}(0; \{2^{12}, 5^8, 10^6\})$	53687092
10	$\mathcal{O}(0; \{2^4, 5^{13}, 10^6\})$	54975581388
10	$\mathcal{O}(0; \{2^{23}, 10^7\})$	3276
10	$\mathcal{O}(0; \{2^{15}, 5^5, 10^7\})$	3355444

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{2^7, 5^{10}, 10^7\})$	3435973836
10	$\mathcal{O}(0; \{2^{18}, 5^2, 10^8\})$	209716
10	$\mathcal{O}(0; \{2^{10}, 5^7, 10^8\})$	214748364
10	$\mathcal{O}(0; \{2^2, 5^{12}, 10^8\})$	219902325556
10	$\mathcal{O}(0; \{2^{13}, 5^4, 10^9\})$	13421772
10	$\mathcal{O}(0; \{2^5, 5^9, 10^9\})$	13743895348
10	$\mathcal{O}(0; \{2^{16}, 5, 10^{10}\})$	838860
10	$\mathcal{O}(0; \{2^8, 5^6, 10^{10}\})$	858993460
10	$\mathcal{O}(0; \{5^{11}, 10^{10}\})$	879609302220
10	$\mathcal{O}(0; \{2^{11}, 5^3, 10^{11}\})$	53687092
10	$\mathcal{O}(0; \{2^3, 5^8, 10^{11}\})$	54975581388
10	$\mathcal{O}(0; \{2^{14}, 10^{12}\})$	3355444
10	$\mathcal{O}(0; \{2^6, 5^5, 10^{12}\})$	3435973836
10	$\mathcal{O}(0; \{2^9, 5^2, 10^{13}\})$	214748364
10	$\mathcal{O}(0; \{2, 5^7, 10^{13}\})$	219902325556
10	$\mathcal{O}(0; \{2^4, 5^4, 10^{14}\})$	13743895348
10	$\mathcal{O}(0; \{2^7, 5, 10^{15}\})$	858993460
10	$\mathcal{O}(0; \{2^2, 5^3, 10^{16}\})$	54975581388
10	$\mathcal{O}(0; \{2^5, 10^{17}\})$	3435973836
10	$\mathcal{O}(0; \{5^2, 10^{18}\})$	219902325556
11	$\mathcal{O}(5; \{11^7\})$	23579453330523090
11	$\mathcal{O}(0; \{11^{18}\})$	90909090909090910
12	$\mathcal{O}(6; \{4^2, 6^2\})$	35664401793024
12	$\mathcal{O}(6; \{3, 4, 6, 12\})$	35664401793024
12	$\mathcal{O}(6; \{3^2, 12^2\})$	106993205379072
12	$\mathcal{O}(6; \{2, 6, 12^2\})$	35664401793024
12	$\mathcal{O}(5; \{2^2, 3^4, 4^2\})$	743008370688
12	$\mathcal{O}(5; \{2^3, 3^2, 4^2, 6\})$	247669456896
12	$\mathcal{O}(5; \{3^2, 4^4, 6\})$	990677827584
12	$\mathcal{O}(5; \{2^4, 4^2, 6^2\})$	247669456896
12	$\mathcal{O}(5; \{3^3, 4^2, 6^2\})$	1238347284480
12	$\mathcal{O}(5; \{2, 4^4, 6^2\})$	990677827584
12	$\mathcal{O}(5; \{2, 3, 4^2, 6^3\})$	743008370688
12	$\mathcal{O}(5; \{2^3, 3^3, 4, 12\})$	743008370688
12	$\mathcal{O}(5; \{3^3, 4^3, 12\})$	2972033482752
12	$\mathcal{O}(5; \{2^4, 3, 4, 6, 12\})$	247669456896
12	$\mathcal{O}(5; \{3^4, 4, 6, 12\})$	2724364025856
12	$\mathcal{O}(5; \{2, 3, 4^3, 6, 12\})$	990677827584
12	$\mathcal{O}(5; \{2, 3^2, 4, 6^2, 12\})$	1238347284480
12	$\mathcal{O}(5; \{2^2, 4, 6^3, 12\})$	743008370688
12	$\mathcal{O}(5; \{2^4, 3^2, 12^2\})$	743008370688
12	$\mathcal{O}(5; \{3^5, 12^2\})$	5201058594816
12	$\mathcal{O}(5; \{2, 3^2, 4^2, 12^2\})$	2972033482752

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{2^5, 6, 12^2\})$	247669456896
12	$\mathcal{O}(5; \{2, 3^3, 6, 12^2\})$	2724364025856
12	$\mathcal{O}(5; \{2^2, 4^2, 6, 12^2\})$	990677827584
12	$\mathcal{O}(5; \{2^2, 3, 6^2, 12^2\})$	1238347284480
12	$\mathcal{O}(5; \{6^4, 12^2\})$	2724364025856
12	$\mathcal{O}(5; \{2^2, 3, 4, 12^3\})$	2972033482752
12	$\mathcal{O}(5; \{4, 6^2, 12^3\})$	4953389137920
12	$\mathcal{O}(5; \{2^3, 12^4\})$	2972033482752
12	$\mathcal{O}(5; \{4^2, 12^4\})$	11888133931008
12	$\mathcal{O}(5; \{3, 6, 12^4\})$	10897456103424
12	$\mathcal{O}(4; \{2^6, 3^4, 4^2\})$	5159780352
12	$\mathcal{O}(4; \{2^2, 3^7, 4^2\})$	36118462464
12	$\mathcal{O}(4; \{2^3, 3^4, 4^4\})$	20639121408
12	$\mathcal{O}(4; \{3^4, 4^6\})$	82556485632
12	$\mathcal{O}(4; \{2^7, 3^2, 4^2, 6\})$	1719926784
12	$\mathcal{O}(4; \{2^3, 3^5, 4^2, 6\})$	18919194624
12	$\mathcal{O}(4; \{2^4, 3^2, 4^4, 6\})$	6879707136
12	$\mathcal{O}(4; \{3^5, 4^4, 6\})$	75676778496
12	$\mathcal{O}(4; \{2, 3^2, 4^6, 6\})$	27518828544
12	$\mathcal{O}(4; \{2^8, 4^2, 6^2\})$	1719926784
12	$\mathcal{O}(4; \{2^4, 3^3, 4^2, 6^2\})$	8599633920
12	$\mathcal{O}(4; \{3^6, 4^2, 6^2\})$	73956851712
12	$\mathcal{O}(4; \{2^5, 4^4, 6^2\})$	6879707136
12	$\mathcal{O}(4; \{2, 3^3, 4^4, 6^2\})$	34398535680
12	$\mathcal{O}(4; \{2^2, 4^6, 6^2\})$	27518828544
12	$\mathcal{O}(4; \{2^5, 3, 4^2, 6^3\})$	5159780352
12	$\mathcal{O}(4; \{2, 3^4, 4^2, 6^3\})$	36118462464
12	$\mathcal{O}(4; \{2^2, 3, 4^4, 6^3\})$	20639121408
12	$\mathcal{O}(4; \{2^2, 3^2, 4^2, 6^4\})$	18919194624
12	$\mathcal{O}(4; \{2^3, 4^2, 6^5\})$	8599633920
12	$\mathcal{O}(4; \{4^4, 6^5\})$	34398535680
12	$\mathcal{O}(4; \{3, 4^2, 6^6\})$	36118462464
12	$\mathcal{O}(4; \{2^7, 3^3, 4, 12\})$	5159780352
12	$\mathcal{O}(4; \{2^3, 3^6, 4, 12\})$	36118462464
12	$\mathcal{O}(4; \{2^4, 3^3, 4^3, 12\})$	20639121408
12	$\mathcal{O}(4; \{3^6, 4^3, 12\})$	144473849856
12	$\mathcal{O}(4; \{2, 3^3, 4^5, 12\})$	82556485632
12	$\mathcal{O}(4; \{2^8, 3, 4, 6, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^4, 3^4, 4, 6, 12\})$	18919194624
12	$\mathcal{O}(4; \{3^7, 4, 6, 12\})$	146193776640
12	$\mathcal{O}(4; \{2^5, 3, 4^3, 6, 12\})$	6879707136
12	$\mathcal{O}(4; \{2, 3^4, 4^3, 6, 12\})$	75676778496
12	$\mathcal{O}(4; \{2^2, 3, 4^5, 6, 12\})$	27518828544

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{2, 3, 4, 6^3, 12^3\})$	144473849856
12	$\mathcal{O}(4; \{2^7, 12^4\})$	20639121408
12	$\mathcal{O}(4; \{2^3, 3^3, 12^4\})$	144473849856
12	$\mathcal{O}(4; \{2^4, 4^2, 12^4\})$	82556485632
12	$\mathcal{O}(4; \{3^3, 4^2, 12^4\})$	577895399424
12	$\mathcal{O}(4; \{2, 4^4, 12^4\})$	330225942528
12	$\mathcal{O}(4; \{2^4, 3, 6, 12^4\})$	75676778496
12	$\mathcal{O}(4; \{3^4, 6, 12^4\})$	584775106560
12	$\mathcal{O}(4; \{2, 3, 4^2, 6, 12^4\})$	302707113984
12	$\mathcal{O}(4; \{2, 3^2, 6^2, 12^4\})$	295827406848
12	$\mathcal{O}(4; \{2^2, 6^3, 12^4\})$	144473849856
12	$\mathcal{O}(4; \{2, 3^2, 4, 12^5\})$	577895399424
12	$\mathcal{O}(4; \{2^2, 4, 6, 12^5\})$	302707113984
12	$\mathcal{O}(4; \{2^2, 3, 12^6\})$	577895399424
12	$\mathcal{O}(4; \{6^2, 12^6\})$	1183309627392
12	$\mathcal{O}(4; \{4, 12^7\})$	2311581597696
12	$\mathcal{O}(3; \{2^{10}, 3^4, 4^2\})$	35831808
12	$\mathcal{O}(3; \{2^6, 3^7, 4^2\})$	250822656
12	$\mathcal{O}(3; \{2^2, 3^{10}, 4^2\})$	2042413056
12	$\mathcal{O}(3; \{2^7, 3^4, 4^4\})$	143327232
12	$\mathcal{O}(3; \{2^3, 3^7, 4^4\})$	1003290624
12	$\mathcal{O}(3; \{2^4, 3^4, 4^6\})$	573308928
12	$\mathcal{O}(3; \{3^7, 4^6\})$	4013162496
12	$\mathcal{O}(3; \{2, 3^4, 4^8\})$	2293235712
12	$\mathcal{O}(3; \{2^{11}, 3^2, 4^2, 6\})$	11943936
12	$\mathcal{O}(3; \{2^7, 3^5, 4^2, 6\})$	131383296
12	$\mathcal{O}(3; \{2^3, 3^8, 4^2, 6\})$	1015234560
12	$\mathcal{O}(3; \{2^8, 3^2, 4^4, 6\})$	47775744
12	$\mathcal{O}(3; \{2^4, 3^5, 4^4, 6\})$	525533184
12	$\mathcal{O}(3; \{3^8, 4^4, 6\})$	4060938240
12	$\mathcal{O}(3; \{2^5, 3^2, 4^6, 6\})$	191102976
12	$\mathcal{O}(3; \{2, 3^5, 4^6, 6\})$	2102132736
12	$\mathcal{O}(3; \{2^2, 3^2, 4^8, 6\})$	764411904
12	$\mathcal{O}(3; \{2^{12}, 4^2, 6^2\})$	11943936
12	$\mathcal{O}(3; \{2^8, 3^3, 4^2, 6^2\})$	59719680
12	$\mathcal{O}(3; \{2^4, 3^6, 4^2, 6^2\})$	513589248
12	$\mathcal{O}(3; \{3^9, 4^2, 6^2\})$	4072882176
12	$\mathcal{O}(3; \{2^9, 4^4, 6^2\})$	47775744
12	$\mathcal{O}(3; \{2^5, 3^3, 4^4, 6^2\})$	238878720
12	$\mathcal{O}(3; \{2, 3^6, 4^4, 6^2\})$	2054356992
12	$\mathcal{O}(3; \{2^6, 4^6, 6^2\})$	191102976
12	$\mathcal{O}(3; \{2^2, 3^3, 4^6, 6^2\})$	955514880
12	$\mathcal{O}(3; \{2^3, 4^8, 6^2\})$	764411904

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{4^{10}, 6^2\})$	3057647616
12	$\mathcal{O}(3; \{2^9, 3, 4^2, 6^3\})$	35831808
12	$\mathcal{O}(3; \{2^5, 3^4, 4^2, 6^3\})$	250822656
12	$\mathcal{O}(3; \{2, 3^7, 4^2, 6^3\})$	2042413056
12	$\mathcal{O}(3; \{2^6, 3, 4^4, 6^3\})$	143327232
12	$\mathcal{O}(3; \{2^2, 3^4, 4^4, 6^3\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 3, 4^6, 6^3\})$	573308928
12	$\mathcal{O}(3; \{3, 4^8, 6^3\})$	2293235712
12	$\mathcal{O}(3; \{2^6, 3^2, 4^2, 6^4\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^5, 4^2, 6^4\})$	1015234560
12	$\mathcal{O}(3; \{2^3, 3^2, 4^4, 6^4\})$	525533184
12	$\mathcal{O}(3; \{3^2, 4^6, 6^4\})$	2102132736
12	$\mathcal{O}(3; \{2^7, 4^2, 6^5\})$	59719680
12	$\mathcal{O}(3; \{2^3, 3^3, 4^2, 6^5\})$	513589248
12	$\mathcal{O}(3; \{2^4, 4^4, 6^5\})$	238878720
12	$\mathcal{O}(3; \{3^3, 4^4, 6^5\})$	2054356992
12	$\mathcal{O}(3; \{2, 4^6, 6^5\})$	955514880
12	$\mathcal{O}(3; \{2^4, 3, 4^2, 6^6\})$	250822656
12	$\mathcal{O}(3; \{3^4, 4^2, 6^6\})$	2042413056
12	$\mathcal{O}(3; \{2, 3, 4^4, 6^6\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^2, 4^2, 6^7\})$	1015234560
12	$\mathcal{O}(3; \{2^2, 4^2, 6^8\})$	513589248
12	$\mathcal{O}(3; \{2^{11}, 3^3, 4, 12\})$	35831808
12	$\mathcal{O}(3; \{2^7, 3^6, 4, 12\})$	250822656
12	$\mathcal{O}(3; \{2^3, 3^9, 4, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^8, 3^3, 4^3, 12\})$	143327232
12	$\mathcal{O}(3; \{2^4, 3^6, 4^3, 12\})$	1003290624
12	$\mathcal{O}(3; \{3^9, 4^3, 12\})$	8169652224
12	$\mathcal{O}(3; \{2^5, 3^3, 4^5, 12\})$	573308928
12	$\mathcal{O}(3; \{2, 3^6, 4^5, 12\})$	4013162496
12	$\mathcal{O}(3; \{2^2, 3^3, 4^7, 12\})$	2293235712
12	$\mathcal{O}(3; \{2^{12}, 3, 4, 6, 12\})$	11943936
12	$\mathcal{O}(3; \{2^8, 3^4, 4, 6, 12\})$	131383296
12	$\mathcal{O}(3; \{2^4, 3^7, 4, 6, 12\})$	1015234560
12	$\mathcal{O}(3; \{3^{10}, 4, 6, 12\})$	8157708288
12	$\mathcal{O}(3; \{2^9, 3, 4^3, 6, 12\})$	47775744
12	$\mathcal{O}(3; \{2^5, 3^4, 4^3, 6, 12\})$	525533184
12	$\mathcal{O}(3; \{2, 3^7, 4^3, 6, 12\})$	4060938240
12	$\mathcal{O}(3; \{2^6, 3, 4^5, 6, 12\})$	191102976
12	$\mathcal{O}(3; \{2^2, 3^4, 4^5, 6, 12\})$	2102132736
12	$\mathcal{O}(3; \{2^3, 3, 4^7, 6, 12\})$	764411904
12	$\mathcal{O}(3; \{3, 4^9, 6, 12\})$	3057647616
12	$\mathcal{O}(3; \{2^9, 3^2, 4, 6^2, 12\})$	59719680

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^5, 3^5, 4, 6^2, 12\})$	513589248
12	$\mathcal{O}(3; \{2, 3^8, 4, 6^2, 12\})$	4072882176
12	$\mathcal{O}(3; \{2^6, 3^2, 4^3, 6^2, 12\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3^5, 4^3, 6^2, 12\})$	2054356992
12	$\mathcal{O}(3; \{2^3, 3^2, 4^5, 6^2, 12\})$	955514880
12	$\mathcal{O}(3; \{3^2, 4^7, 6^2, 12\})$	3822059520
12	$\mathcal{O}(3; \{2^{10}, 4, 6^3, 12\})$	35831808
12	$\mathcal{O}(3; \{2^6, 3^3, 4, 6^3, 12\})$	250822656
12	$\mathcal{O}(3; \{2^2, 3^6, 4, 6^3, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^7, 4^3, 6^3, 12\})$	143327232
12	$\mathcal{O}(3; \{2^3, 3^3, 4^3, 6^3, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^4, 4^5, 6^3, 12\})$	573308928
12	$\mathcal{O}(3; \{3^3, 4^5, 6^3, 12\})$	4013162496
12	$\mathcal{O}(3; \{2, 4^7, 6^3, 12\})$	2293235712
12	$\mathcal{O}(3; \{2^7, 3, 4, 6^4, 12\})$	131383296
12	$\mathcal{O}(3; \{2^3, 3^4, 4, 6^4, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^4, 3, 4^3, 6^4, 12\})$	525533184
12	$\mathcal{O}(3; \{3^4, 4^3, 6^4, 12\})$	4060938240
12	$\mathcal{O}(3; \{2, 3, 4^5, 6^4, 12\})$	2102132736
12	$\mathcal{O}(3; \{2^4, 3^2, 4, 6^5, 12\})$	513589248
12	$\mathcal{O}(3; \{3^5, 4, 6^5, 12\})$	4072882176
12	$\mathcal{O}(3; \{2, 3^2, 4^3, 6^5, 12\})$	2054356992
12	$\mathcal{O}(3; \{2^5, 4, 6^6, 12\})$	250822656
12	$\mathcal{O}(3; \{2, 3^3, 4, 6^6, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^2, 4^3, 6^6, 12\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3, 4, 6^7, 12\})$	1015234560
12	$\mathcal{O}(3; \{4, 6^9, 12\})$	2042413056
12	$\mathcal{O}(3; \{2^{12}, 3^2, 12^2\})$	35831808
12	$\mathcal{O}(3; \{2^8, 3^5, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2^4, 3^8, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{3^{11}, 12^2\})$	16303472640
12	$\mathcal{O}(3; \{2^9, 3^2, 4^2, 12^2\})$	143327232
12	$\mathcal{O}(3; \{2^5, 3^5, 4^2, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^8, 4^2, 12^2\})$	8169652224
12	$\mathcal{O}(3; \{2^6, 3^2, 4^4, 12^2\})$	573308928
12	$\mathcal{O}(3; \{2^2, 3^5, 4^4, 12^2\})$	4013162496
12	$\mathcal{O}(3; \{2^3, 3^2, 4^6, 12^2\})$	2293235712
12	$\mathcal{O}(3; \{3^2, 4^8, 12^2\})$	9172942848
12	$\mathcal{O}(3; \{2^{13}, 6, 12^2\})$	11943936
12	$\mathcal{O}(3; \{2^9, 3^3, 6, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2^5, 3^6, 6, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2, 3^9, 6, 12^2\})$	8157708288
12	$\mathcal{O}(3; \{2^{10}, 4^2, 6, 12^2\})$	47775744

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^4, 3^2, 4^3, 6, 12^3\})$	2102132736
12	$\mathcal{O}(3; \{3^5, 4^3, 6, 12^3\})$	16243752960
12	$\mathcal{O}(3; \{2, 3^2, 4^5, 6, 12^3\})$	8408530944
12	$\mathcal{O}(3; \{2^8, 4, 6^2, 12^3\})$	238878720
12	$\mathcal{O}(3; \{2^4, 3^3, 4, 6^2, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{3^6, 4, 6^2, 12^3\})$	16291528704
12	$\mathcal{O}(3; \{2^5, 4^3, 6^2, 12^3\})$	955514880
12	$\mathcal{O}(3; \{2, 3^3, 4^3, 6^2, 12^3\})$	8217427968
12	$\mathcal{O}(3; \{2^2, 4^5, 6^2, 12^3\})$	3822059520
12	$\mathcal{O}(3; \{2^5, 3, 4, 6^3, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^4, 4, 6^3, 12^3\})$	8169652224
12	$\mathcal{O}(3; \{2^2, 3, 4^3, 6^3, 12^3\})$	4013162496
12	$\mathcal{O}(3; \{2^2, 3^2, 4, 6^4, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2^3, 4, 6^5, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{4^3, 6^5, 12^3\})$	8217427968
12	$\mathcal{O}(3; \{3, 4, 6^6, 12^3\})$	8169652224
12	$\mathcal{O}(3; \{2^{11}, 12^4\})$	143327232
12	$\mathcal{O}(3; \{2^7, 3^3, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 3^6, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2^8, 4^2, 12^4\})$	573308928
12	$\mathcal{O}(3; \{2^4, 3^3, 4^2, 12^4\})$	4013162496
12	$\mathcal{O}(3; \{3^6, 4^2, 12^4\})$	32678608896
12	$\mathcal{O}(3; \{2^5, 4^4, 12^4\})$	2293235712
12	$\mathcal{O}(3; \{2, 3^3, 4^4, 12^4\})$	16052649984
12	$\mathcal{O}(3; \{2^2, 4^6, 12^4\})$	9172942848
12	$\mathcal{O}(3; \{2^8, 3, 6, 12^4\})$	525533184
12	$\mathcal{O}(3; \{2^4, 3^4, 6, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{3^7, 6, 12^4\})$	32630833152
12	$\mathcal{O}(3; \{2^5, 3, 4^2, 6, 12^4\})$	2102132736
12	$\mathcal{O}(3; \{2, 3^4, 4^2, 6, 12^4\})$	16243752960
12	$\mathcal{O}(3; \{2^2, 3, 4^4, 6, 12^4\})$	8408530944
12	$\mathcal{O}(3; \{2^5, 3^2, 6^2, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2, 3^5, 6^2, 12^4\})$	16291528704
12	$\mathcal{O}(3; \{2^2, 3^2, 4^2, 6^2, 12^4\})$	8217427968
12	$\mathcal{O}(3; \{2^6, 6^3, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3^3, 6^3, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2^3, 4^2, 6^3, 12^4\})$	4013162496
12	$\mathcal{O}(3; \{4^4, 6^3, 12^4\})$	16052649984
12	$\mathcal{O}(3; \{2^3, 3, 6^4, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{3, 4^2, 6^4, 12^4\})$	16243752960
12	$\mathcal{O}(3; \{3^2, 6^5, 12^4\})$	16291528704
12	$\mathcal{O}(3; \{2, 6^6, 12^4\})$	8169652224
12	$\mathcal{O}(3; \{2^5, 3^2, 4, 12^5\})$	4013162496

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2, 3^5, 4, 12^5\})$	32678608896
12	$\mathcal{O}(3; \{2^2, 3^2, 4^3, 12^5\})$	16052649984
12	$\mathcal{O}(3; \{2^6, 4, 6, 12^5\})$	2102132736
12	$\mathcal{O}(3; \{2^2, 3^3, 4, 6, 12^5\})$	16243752960
12	$\mathcal{O}(3; \{2^3, 4^3, 6, 12^5\})$	8408530944
12	$\mathcal{O}(3; \{4^5, 6, 12^5\})$	33634123776
12	$\mathcal{O}(3; \{2^3, 3, 4, 6^2, 12^5\})$	8217427968
12	$\mathcal{O}(3; \{3, 4^3, 6^2, 12^5\})$	32869711872
12	$\mathcal{O}(3; \{3^2, 4, 6^3, 12^5\})$	32678608896
12	$\mathcal{O}(3; \{2, 4, 6^4, 12^5\})$	16243752960
12	$\mathcal{O}(3; \{2^6, 3, 12^6\})$	4013162496
12	$\mathcal{O}(3; \{2^2, 3^4, 12^6\})$	32678608896
12	$\mathcal{O}(3; \{2^3, 3, 4^2, 12^6\})$	16052649984
12	$\mathcal{O}(3; \{3, 4^4, 12^6\})$	64210599936
12	$\mathcal{O}(3; \{2^3, 3^2, 6, 12^6\})$	16243752960
12	$\mathcal{O}(3; \{3^2, 4^2, 6, 12^6\})$	64975011840
12	$\mathcal{O}(3; \{2^4, 6^2, 12^6\})$	8217427968
12	$\mathcal{O}(3; \{3^3, 6^2, 12^6\})$	65166114816
12	$\mathcal{O}(3; \{2, 4^2, 6^2, 12^6\})$	32869711872
12	$\mathcal{O}(3; \{2, 3, 6^3, 12^6\})$	32678608896
12	$\mathcal{O}(3; \{2^4, 4, 12^7\})$	16052649984
12	$\mathcal{O}(3; \{3^3, 4, 12^7\})$	130714435584
12	$\mathcal{O}(3; \{2, 4^3, 12^7\})$	64210599936
12	$\mathcal{O}(3; \{2, 3, 4, 6, 12^7\})$	64975011840
12	$\mathcal{O}(3; \{2, 3^2, 12^8\})$	130714435584
12	$\mathcal{O}(3; \{2^2, 6, 12^8\})$	64975011840
12	$\mathcal{O}(3; \{12^{10}\})$	522857742336
12	$\mathcal{O}(2; \{2^{14}, 3^4, 4^2\})$	248832
12	$\mathcal{O}(2; \{2^{10}, 3^7, 4^2\})$	1741824
12	$\mathcal{O}(2; \{2^6, 3^{10}, 4^2\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3^{13}, 4^2\})$	113218560
12	$\mathcal{O}(2; \{2^{11}, 3^4, 4^4\})$	995328
12	$\mathcal{O}(2; \{2^7, 3^7, 4^4\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^{10}, 4^4\})$	56733696
12	$\mathcal{O}(2; \{2^8, 3^4, 4^6\})$	3981312
12	$\mathcal{O}(2; \{2^4, 3^7, 4^6\})$	27869184
12	$\mathcal{O}(2; \{3^{10}, 4^6\})$	226934784
12	$\mathcal{O}(2; \{2^5, 3^4, 4^8\})$	15925248
12	$\mathcal{O}(2; \{2, 3^7, 4^8\})$	111476736
12	$\mathcal{O}(2; \{2^2, 3^4, 4^{10}\})$	63700992
12	$\mathcal{O}(2; \{2^{15}, 3^2, 4^2, 6\})$	82944
12	$\mathcal{O}(2; \{2^{11}, 3^5, 4^2, 6\})$	912384
12	$\mathcal{O}(2; \{2^7, 3^8, 4^2, 6\})$	7050240

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^3, 3^{11}, 4^2, 6\})$	56650752
12	$\mathcal{O}(2; \{2^{12}, 3^2, 4^4, 6\})$	331776
12	$\mathcal{O}(2; \{2^8, 3^5, 4^4, 6\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^8, 4^4, 6\})$	28200960
12	$\mathcal{O}(2; \{3^{11}, 4^4, 6\})$	226603008
12	$\mathcal{O}(2; \{2^9, 3^2, 4^6, 6\})$	1327104
12	$\mathcal{O}(2; \{2^5, 3^5, 4^6, 6\})$	14598144
12	$\mathcal{O}(2; \{2, 3^8, 4^6, 6\})$	112803840
12	$\mathcal{O}(2; \{2^6, 3^2, 4^8, 6\})$	5308416
12	$\mathcal{O}(2; \{2^2, 3^5, 4^8, 6\})$	58392576
12	$\mathcal{O}(2; \{2^3, 3^2, 4^{10}, 6\})$	21233664
12	$\mathcal{O}(2; \{3^2, 4^{12}, 6\})$	84934656
12	$\mathcal{O}(2; \{2^{16}, 4^2, 6^2\})$	82944
12	$\mathcal{O}(2; \{2^{12}, 3^3, 4^2, 6^2\})$	414720
12	$\mathcal{O}(2; \{2^8, 3^6, 4^2, 6^2\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3^9, 4^2, 6^2\})$	28283904
12	$\mathcal{O}(2; \{3^{12}, 4^2, 6^2\})$	226520064
12	$\mathcal{O}(2; \{2^{13}, 4^4, 6^2\})$	331776
12	$\mathcal{O}(2; \{2^9, 3^3, 4^4, 6^2\})$	1658880
12	$\mathcal{O}(2; \{2^5, 3^6, 4^4, 6^2\})$	14266368
12	$\mathcal{O}(2; \{2, 3^9, 4^4, 6^2\})$	113135616
12	$\mathcal{O}(2; \{2^{10}, 4^6, 6^2\})$	1327104
12	$\mathcal{O}(2; \{2^6, 3^3, 4^6, 6^2\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^6, 4^6, 6^2\})$	57065472
12	$\mathcal{O}(2; \{2^7, 4^8, 6^2\})$	5308416
12	$\mathcal{O}(2; \{2^3, 3^3, 4^8, 6^2\})$	26542080
12	$\mathcal{O}(2; \{2^4, 4^{10}, 6^2\})$	21233664
12	$\mathcal{O}(2; \{3^3, 4^{10}, 6^2\})$	106168320
12	$\mathcal{O}(2; \{2, 4^{12}, 6^2\})$	84934656
12	$\mathcal{O}(2; \{2^{13}, 3, 4^2, 6^3\})$	248832
12	$\mathcal{O}(2; \{2^9, 3^4, 4^2, 6^3\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^7, 4^2, 6^3\})$	14183424
12	$\mathcal{O}(2; \{2, 3^{10}, 4^2, 6^3\})$	113218560
12	$\mathcal{O}(2; \{2^{10}, 3, 4^4, 6^3\})$	995328
12	$\mathcal{O}(2; \{2^6, 3^4, 4^4, 6^3\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^7, 4^4, 6^3\})$	56733696
12	$\mathcal{O}(2; \{2^7, 3, 4^6, 6^3\})$	3981312
12	$\mathcal{O}(2; \{2^3, 3^4, 4^6, 6^3\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3, 4^8, 6^3\})$	15925248
12	$\mathcal{O}(2; \{3^4, 4^8, 6^3\})$	111476736
12	$\mathcal{O}(2; \{2, 3, 4^{10}, 6^3\})$	63700992
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4^2, 6^4\})$	912384
12	$\mathcal{O}(2; \{2^6, 3^5, 4^2, 6^4\})$	7050240

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^2, 3^8, 4^2, 6^4\})$	56650752
12	$\mathcal{O}(2; \{2^7, 3^2, 4^4, 6^4\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^5, 4^4, 6^4\})$	28200960
12	$\mathcal{O}(2; \{2^4, 3^2, 4^6, 6^4\})$	14598144
12	$\mathcal{O}(2; \{3^5, 4^6, 6^4\})$	112803840
12	$\mathcal{O}(2; \{2, 3^2, 4^8, 6^4\})$	58392576
12	$\mathcal{O}(2; \{2^{11}, 4^2, 6^5\})$	414720
12	$\mathcal{O}(2; \{2^7, 3^3, 4^2, 6^5\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^6, 4^2, 6^5\})$	28283904
12	$\mathcal{O}(2; \{2^8, 4^4, 6^5\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3^3, 4^4, 6^5\})$	14266368
12	$\mathcal{O}(2; \{3^6, 4^4, 6^5\})$	113135616
12	$\mathcal{O}(2; \{2^5, 4^6, 6^5\})$	6635520
12	$\mathcal{O}(2; \{2, 3^3, 4^6, 6^5\})$	57065472
12	$\mathcal{O}(2; \{2^2, 4^8, 6^5\})$	26542080
12	$\mathcal{O}(2; \{2^8, 3, 4^2, 6^6\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^4, 4^2, 6^6\})$	14183424
12	$\mathcal{O}(2; \{3^7, 4^2, 6^6\})$	113218560
12	$\mathcal{O}(2; \{2^5, 3, 4^4, 6^6\})$	6967296
12	$\mathcal{O}(2; \{2, 3^4, 4^4, 6^6\})$	56733696
12	$\mathcal{O}(2; \{2^2, 3, 4^6, 6^6\})$	27869184
12	$\mathcal{O}(2; \{2^5, 3^2, 4^2, 6^7\})$	7050240
12	$\mathcal{O}(2; \{2, 3^5, 4^2, 6^7\})$	56650752
12	$\mathcal{O}(2; \{2^2, 3^2, 4^4, 6^7\})$	28200960
12	$\mathcal{O}(2; \{2^6, 4^2, 6^8\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^3, 4^2, 6^8\})$	28283904
12	$\mathcal{O}(2; \{2^3, 4^4, 6^8\})$	14266368
12	$\mathcal{O}(2; \{4^6, 6^8\})$	57065472
12	$\mathcal{O}(2; \{2^3, 3, 4^2, 6^9\})$	14183424
12	$\mathcal{O}(2; \{3, 4^4, 6^9\})$	56733696
12	$\mathcal{O}(2; \{3^2, 4^2, 6^{10}\})$	56650752
12	$\mathcal{O}(2; \{2, 4^2, 6^{11}\})$	28283904
12	$\mathcal{O}(2; \{2^{15}, 3^3, 4, 12\})$	248832
12	$\mathcal{O}(2; \{2^{11}, 3^6, 4, 12\})$	1741824
12	$\mathcal{O}(2; \{2^7, 3^9, 4, 12\})$	14183424
12	$\mathcal{O}(2; \{2^3, 3^{12}, 4, 12\})$	113218560
12	$\mathcal{O}(2; \{2^{12}, 3^3, 4^3, 12\})$	995328
12	$\mathcal{O}(2; \{2^8, 3^6, 4^3, 12\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^9, 4^3, 12\})$	56733696
12	$\mathcal{O}(2; \{3^{12}, 4^3, 12\})$	452874240
12	$\mathcal{O}(2; \{2^9, 3^3, 4^5, 12\})$	3981312
12	$\mathcal{O}(2; \{2^5, 3^6, 4^5, 12\})$	27869184
12	$\mathcal{O}(2; \{2, 3^9, 4^5, 12\})$	226934784

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^6, 3^3, 4^7, 12\})$	15925248
12	$\mathcal{O}(2; \{2^2, 3^6, 4^7, 12\})$	111476736
12	$\mathcal{O}(2; \{2^3, 3^3, 4^9, 12\})$	63700992
12	$\mathcal{O}(2; \{3^3, 4^{11}, 12\})$	254803968
12	$\mathcal{O}(2; \{2^{16}, 3, 4, 6, 12\})$	82944
12	$\mathcal{O}(2; \{2^{12}, 3^4, 4, 6, 12\})$	912384
12	$\mathcal{O}(2; \{2^8, 3^7, 4, 6, 12\})$	7050240
12	$\mathcal{O}(2; \{2^4, 3^{10}, 4, 6, 12\})$	56650752
12	$\mathcal{O}(2; \{3^{13}, 4, 6, 12\})$	452957184
12	$\mathcal{O}(2; \{2^{13}, 3, 4^3, 6, 12\})$	331776
12	$\mathcal{O}(2; \{2^9, 3^4, 4^3, 6, 12\})$	3649536
12	$\mathcal{O}(2; \{2^5, 3^7, 4^3, 6, 12\})$	28200960
12	$\mathcal{O}(2; \{2, 3^{10}, 4^3, 6, 12\})$	226603008
12	$\mathcal{O}(2; \{2^{10}, 3, 4^5, 6, 12\})$	1327104
12	$\mathcal{O}(2; \{2^6, 3^4, 4^5, 6, 12\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3^7, 4^5, 6, 12\})$	112803840
12	$\mathcal{O}(2; \{2^7, 3, 4^7, 6, 12\})$	5308416
12	$\mathcal{O}(2; \{2^3, 3^4, 4^7, 6, 12\})$	58392576
12	$\mathcal{O}(2; \{2^4, 3, 4^9, 6, 12\})$	21233664
12	$\mathcal{O}(2; \{3^4, 4^9, 6, 12\})$	233570304
12	$\mathcal{O}(2; \{2, 3, 4^{11}, 6, 12\})$	84934656
12	$\mathcal{O}(2; \{2^{13}, 3^2, 4, 6^2, 12\})$	414720
12	$\mathcal{O}(2; \{2^9, 3^5, 4, 6^2, 12\})$	3566592
12	$\mathcal{O}(2; \{2^5, 3^8, 4, 6^2, 12\})$	28283904
12	$\mathcal{O}(2; \{2, 3^{11}, 4, 6^2, 12\})$	226520064
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4^3, 6^2, 12\})$	1658880
12	$\mathcal{O}(2; \{2^6, 3^5, 4^3, 6^2, 12\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^8, 4^3, 6^2, 12\})$	113135616
12	$\mathcal{O}(2; \{2^7, 3^2, 4^5, 6^2, 12\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3^5, 4^5, 6^2, 12\})$	57065472
12	$\mathcal{O}(2; \{2^4, 3^2, 4^7, 6^2, 12\})$	26542080
12	$\mathcal{O}(2; \{3^5, 4^7, 6^2, 12\})$	228261888
12	$\mathcal{O}(2; \{2, 3^2, 4^9, 6^2, 12\})$	106168320
12	$\mathcal{O}(2; \{2^{14}, 4, 6^3, 12\})$	248832
12	$\mathcal{O}(2; \{2^{10}, 3^3, 4, 6^3, 12\})$	1741824
12	$\mathcal{O}(2; \{2^6, 3^6, 4, 6^3, 12\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3^9, 4, 6^3, 12\})$	113218560
12	$\mathcal{O}(2; \{2^{11}, 4^3, 6^3, 12\})$	995328
12	$\mathcal{O}(2; \{2^7, 3^3, 4^3, 6^3, 12\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^6, 4^3, 6^3, 12\})$	56733696
12	$\mathcal{O}(2; \{2^8, 4^5, 6^3, 12\})$	3981312
12	$\mathcal{O}(2; \{2^4, 3^3, 4^5, 6^3, 12\})$	27869184
12	$\mathcal{O}(2; \{3^6, 4^5, 6^3, 12\})$	226934784

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^5, 4^7, 6^3, 12\})$	15925248
12	$\mathcal{O}(2; \{2, 3^3, 4^7, 6^3, 12\})$	111476736
12	$\mathcal{O}(2; \{2^2, 4^9, 6^3, 12\})$	63700992
12	$\mathcal{O}(2; \{2^{11}, 3, 4, 6^4, 12\})$	912384
12	$\mathcal{O}(2; \{2^7, 3^4, 4, 6^4, 12\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3^7, 4, 6^4, 12\})$	56650752
12	$\mathcal{O}(2; \{2^8, 3, 4^3, 6^4, 12\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^4, 4^3, 6^4, 12\})$	28200960
12	$\mathcal{O}(2; \{3^7, 4^3, 6^4, 12\})$	226603008
12	$\mathcal{O}(2; \{2^5, 3, 4^5, 6^4, 12\})$	14598144
12	$\mathcal{O}(2; \{2, 3^4, 4^5, 6^4, 12\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3, 4^7, 6^4, 12\})$	58392576
12	$\mathcal{O}(2; \{2^8, 3^2, 4, 6^5, 12\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3^5, 4, 6^5, 12\})$	28283904
12	$\mathcal{O}(2; \{3^8, 4, 6^5, 12\})$	226520064
12	$\mathcal{O}(2; \{2^5, 3^2, 4^3, 6^5, 12\})$	14266368
12	$\mathcal{O}(2; \{2, 3^5, 4^3, 6^5, 12\})$	113135616
12	$\mathcal{O}(2; \{2^2, 3^2, 4^5, 6^5, 12\})$	57065472
12	$\mathcal{O}(2; \{2^9, 4, 6^6, 12\})$	1741824
12	$\mathcal{O}(2; \{2^5, 3^3, 4, 6^6, 12\})$	14183424
12	$\mathcal{O}(2; \{2, 3^6, 4, 6^6, 12\})$	113218560
12	$\mathcal{O}(2; \{2^6, 4^3, 6^6, 12\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^3, 4^3, 6^6, 12\})$	56733696
12	$\mathcal{O}(2; \{2^3, 4^5, 6^6, 12\})$	27869184
12	$\mathcal{O}(2; \{4^7, 6^6, 12\})$	111476736
12	$\mathcal{O}(2; \{2^6, 3, 4, 6^7, 12\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^4, 4, 6^7, 12\})$	56650752
12	$\mathcal{O}(2; \{2^3, 3, 4^3, 6^7, 12\})$	28200960
12	$\mathcal{O}(2; \{3, 4^5, 6^7, 12\})$	112803840
12	$\mathcal{O}(2; \{2^3, 3^2, 4, 6^8, 12\})$	28283904
12	$\mathcal{O}(2; \{3^2, 4^3, 6^8, 12\})$	113135616
12	$\mathcal{O}(2; \{2^4, 4, 6^9, 12\})$	14183424
12	$\mathcal{O}(2; \{3^3, 4, 6^9, 12\})$	113218560
12	$\mathcal{O}(2; \{2, 4^3, 6^9, 12\})$	56733696
12	$\mathcal{O}(2; \{2, 3, 4, 6^{10}, 12\})$	56650752
12	$\mathcal{O}(2; \{2^{16}, 3^2, 12^2\})$	248832
12	$\mathcal{O}(2; \{2^{12}, 3^5, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^8, 3^8, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^4, 3^{11}, 12^2\})$	113218560
12	$\mathcal{O}(2; \{3^{14}, 12^2\})$	905997312
12	$\mathcal{O}(2; \{2^{13}, 3^2, 4^2, 12^2\})$	995328
12	$\mathcal{O}(2; \{2^9, 3^5, 4^2, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^5, 3^8, 4^2, 12^2\})$	56733696

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2, 3^{11}, 4^2, 12^2\})$	452874240
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4^4, 12^2\})$	3981312
12	$\mathcal{O}(2; \{2^6, 3^5, 4^4, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^8, 4^4, 12^2\})$	226934784
12	$\mathcal{O}(2; \{2^7, 3^2, 4^6, 12^2\})$	15925248
12	$\mathcal{O}(2; \{2^3, 3^5, 4^6, 12^2\})$	111476736
12	$\mathcal{O}(2; \{2^4, 3^2, 4^8, 12^2\})$	63700992
12	$\mathcal{O}(2; \{3^5, 4^8, 12^2\})$	445906944
12	$\mathcal{O}(2; \{2, 3^2, 4^{10}, 12^2\})$	254803968
12	$\mathcal{O}(2; \{2^{17}, 6, 12^2\})$	82944
12	$\mathcal{O}(2; \{2^{13}, 3^3, 6, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^9, 3^6, 6, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^5, 3^9, 6, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2, 3^{12}, 6, 12^2\})$	452957184
12	$\mathcal{O}(2; \{2^{14}, 4^2, 6, 12^2\})$	331776
12	$\mathcal{O}(2; \{2^{10}, 3^3, 4^2, 6, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^6, 3^6, 4^2, 6, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^9, 4^2, 6, 12^2\})$	226603008
12	$\mathcal{O}(2; \{2^{11}, 4^4, 6, 12^2\})$	1327104
12	$\mathcal{O}(2; \{2^7, 3^3, 4^4, 6, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3^6, 4^4, 6, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^8, 4^6, 6, 12^2\})$	5308416
12	$\mathcal{O}(2; \{2^4, 3^3, 4^6, 6, 12^2\})$	58392576
12	$\mathcal{O}(2; \{3^6, 4^6, 6, 12^2\})$	451215360
12	$\mathcal{O}(2; \{2^5, 4^8, 6, 12^2\})$	21233664
12	$\mathcal{O}(2; \{2, 3^3, 4^8, 6, 12^2\})$	233570304
12	$\mathcal{O}(2; \{2^2, 4^{10}, 6, 12^2\})$	84934656
12	$\mathcal{O}(2; \{2^{14}, 3, 6^2, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^{10}, 3^4, 6^2, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^6, 3^7, 6^2, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^2, 3^{10}, 6^2, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2^{11}, 3, 4^2, 6^2, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^7, 3^4, 4^2, 6^2, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3^7, 4^2, 6^2, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^8, 3, 4^4, 6^2, 12^2\})$	6635520
12	$\mathcal{O}(2; \{2^4, 3^4, 4^4, 6^2, 12^2\})$	57065472
12	$\mathcal{O}(2; \{3^7, 4^4, 6^2, 12^2\})$	452542464
12	$\mathcal{O}(2; \{2^5, 3, 4^6, 6^2, 12^2\})$	26542080
12	$\mathcal{O}(2; \{2, 3^4, 4^6, 6^2, 12^2\})$	228261888
12	$\mathcal{O}(2; \{2^2, 3, 4^8, 6^2, 12^2\})$	106168320
12	$\mathcal{O}(2; \{2^{11}, 3^2, 6^3, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^7, 3^5, 6^3, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^3, 3^8, 6^3, 12^2\})$	113218560

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^8, 3^2, 4^2, 6^3, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^5, 4^2, 6^3, 12^2\})$	56733696
12	$\mathcal{O}(2; \{3^8, 4^2, 6^3, 12^2\})$	452874240
12	$\mathcal{O}(2; \{2^5, 3^2, 4^4, 6^3, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2, 3^5, 4^4, 6^3, 12^2\})$	226934784
12	$\mathcal{O}(2; \{2^2, 3^2, 4^6, 6^3, 12^2\})$	111476736
12	$\mathcal{O}(2; \{2^{12}, 6^4, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^8, 3^3, 6^4, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^4, 3^6, 6^4, 12^2\})$	56650752
12	$\mathcal{O}(2; \{3^9, 6^4, 12^2\})$	452957184
12	$\mathcal{O}(2; \{2^9, 4^2, 6^4, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^5, 3^3, 4^2, 6^4, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2, 3^6, 4^2, 6^4, 12^2\})$	226603008
12	$\mathcal{O}(2; \{2^6, 4^4, 6^4, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3^3, 4^4, 6^4, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^3, 4^6, 6^4, 12^2\})$	58392576
12	$\mathcal{O}(2; \{4^8, 6^4, 12^2\})$	233570304
12	$\mathcal{O}(2; \{2^9, 3, 6^5, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^5, 3^4, 6^5, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2, 3^7, 6^5, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2^6, 3, 4^2, 6^5, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^4, 4^2, 6^5, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^3, 3, 4^4, 6^5, 12^2\})$	57065472
12	$\mathcal{O}(2; \{3, 4^6, 6^5, 12^2\})$	228261888
12	$\mathcal{O}(2; \{2^6, 3^2, 6^6, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3^5, 6^6, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^3, 3^2, 4^2, 6^6, 12^2\})$	56733696
12	$\mathcal{O}(2; \{3^2, 4^4, 6^6, 12^2\})$	226934784
12	$\mathcal{O}(2; \{2^7, 6^7, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3^3, 6^7, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^4, 4^2, 6^7, 12^2\})$	28200960
12	$\mathcal{O}(2; \{3^3, 4^2, 6^7, 12^2\})$	226603008
12	$\mathcal{O}(2; \{2, 4^4, 6^7, 12^2\})$	112803840
12	$\mathcal{O}(2; \{2^4, 3, 6^8, 12^2\})$	28283904
12	$\mathcal{O}(2; \{3^4, 6^8, 12^2\})$	226520064
12	$\mathcal{O}(2; \{2, 3, 4^2, 6^8, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2, 3^2, 6^9, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^2, 6^{10}, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^{14}, 3, 4, 12^3\})$	995328
12	$\mathcal{O}(2; \{2^{10}, 3^4, 4, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^6, 3^7, 4, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^2, 3^{10}, 4, 12^3\})$	452874240
12	$\mathcal{O}(2; \{2^{11}, 3, 4^3, 12^3\})$	3981312

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^7, 3^4, 4^3, 12^3\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^7, 4^3, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2^8, 3, 4^5, 12^3\})$	15925248
12	$\mathcal{O}(2; \{2^4, 3^4, 4^5, 12^3\})$	111476736
12	$\mathcal{O}(2; \{3^7, 4^5, 12^3\})$	907739136
12	$\mathcal{O}(2; \{2^5, 3, 4^7, 12^3\})$	63700992
12	$\mathcal{O}(2; \{2, 3^4, 4^7, 12^3\})$	445906944
12	$\mathcal{O}(2; \{2^2, 3, 4^9, 12^3\})$	254803968
12	$\mathcal{O}(2; \{2^{11}, 3^2, 4, 6, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^7, 3^5, 4, 6, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2^3, 3^8, 4, 6, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^8, 3^2, 4^3, 6, 12^3\})$	14598144
12	$\mathcal{O}(2; \{2^4, 3^5, 4^3, 6, 12^3\})$	112803840
12	$\mathcal{O}(2; \{3^8, 4^3, 6, 12^3\})$	906412032
12	$\mathcal{O}(2; \{2^5, 3^2, 4^5, 6, 12^3\})$	58392576
12	$\mathcal{O}(2; \{2, 3^5, 4^5, 6, 12^3\})$	451215360
12	$\mathcal{O}(2; \{2^2, 3^2, 4^7, 6, 12^3\})$	233570304
12	$\mathcal{O}(2; \{2^{12}, 4, 6^2, 12^3\})$	1658880
12	$\mathcal{O}(2; \{2^8, 3^3, 4, 6^2, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^4, 3^6, 4, 6^2, 12^3\})$	113135616
12	$\mathcal{O}(2; \{3^9, 4, 6^2, 12^3\})$	906080256
12	$\mathcal{O}(2; \{2^9, 4^3, 6^2, 12^3\})$	6635520
12	$\mathcal{O}(2; \{2^5, 3^3, 4^3, 6^2, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2, 3^6, 4^3, 6^2, 12^3\})$	452542464
12	$\mathcal{O}(2; \{2^6, 4^5, 6^2, 12^3\})$	26542080
12	$\mathcal{O}(2; \{2^2, 3^3, 4^5, 6^2, 12^3\})$	228261888
12	$\mathcal{O}(2; \{2^3, 4^7, 6^2, 12^3\})$	106168320
12	$\mathcal{O}(2; \{4^9, 6^2, 12^3\})$	424673280
12	$\mathcal{O}(2; \{2^9, 3, 4, 6^3, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^5, 3^4, 4, 6^3, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2, 3^7, 4, 6^3, 12^3\})$	452874240
12	$\mathcal{O}(2; \{2^6, 3, 4^3, 6^3, 12^3\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^4, 4^3, 6^3, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2^3, 3, 4^5, 6^3, 12^3\})$	111476736
12	$\mathcal{O}(2; \{3, 4^7, 6^3, 12^3\})$	445906944
12	$\mathcal{O}(2; \{2^6, 3^2, 4, 6^4, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^5, 4, 6^4, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^3, 3^2, 4^3, 6^4, 12^3\})$	112803840
12	$\mathcal{O}(2; \{3^2, 4^5, 6^4, 12^3\})$	451215360
12	$\mathcal{O}(2; \{2^7, 4, 6^5, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3^3, 4, 6^5, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^4, 4^3, 6^5, 12^3\})$	57065472
12	$\mathcal{O}(2; \{3^3, 4^3, 6^5, 12^3\})$	452542464

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2, 4^5, 6^5, 12^3\})$	228261888
12	$\mathcal{O}(2; \{2^4, 3, 4, 6^6, 12^3\})$	56733696
12	$\mathcal{O}(2; \{3^4, 4, 6^6, 12^3\})$	452874240
12	$\mathcal{O}(2; \{2, 3, 4^3, 6^6, 12^3\})$	226934784
12	$\mathcal{O}(2; \{2, 3^2, 4, 6^7, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^2, 4, 6^8, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^{15}, 12^4\})$	995328
12	$\mathcal{O}(2; \{2^{11}, 3^3, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^7, 3^6, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^3, 3^9, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2^{12}, 4^2, 12^4\})$	3981312
12	$\mathcal{O}(2; \{2^8, 3^3, 4^2, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3^6, 4^2, 12^4\})$	226934784
12	$\mathcal{O}(2; \{3^9, 4^2, 12^4\})$	1811496960
12	$\mathcal{O}(2; \{2^9, 4^4, 12^4\})$	15925248
12	$\mathcal{O}(2; \{2^5, 3^3, 4^4, 12^4\})$	111476736
12	$\mathcal{O}(2; \{2, 3^6, 4^4, 12^4\})$	907739136
12	$\mathcal{O}(2; \{2^6, 4^6, 12^4\})$	63700992
12	$\mathcal{O}(2; \{2^2, 3^3, 4^6, 12^4\})$	445906944
12	$\mathcal{O}(2; \{2^3, 4^8, 12^4\})$	254803968
12	$\mathcal{O}(2; \{4^{10}, 12^4\})$	1019215872
12	$\mathcal{O}(2; \{2^{12}, 3, 6, 12^4\})$	3649536
12	$\mathcal{O}(2; \{2^8, 3^4, 6, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^4, 3^7, 6, 12^4\})$	226603008
12	$\mathcal{O}(2; \{3^{10}, 6, 12^4\})$	1811828736
12	$\mathcal{O}(2; \{2^9, 3, 4^2, 6, 12^4\})$	14598144
12	$\mathcal{O}(2; \{2^5, 3^4, 4^2, 6, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2, 3^7, 4^2, 6, 12^4\})$	906412032
12	$\mathcal{O}(2; \{2^6, 3, 4^4, 6, 12^4\})$	58392576
12	$\mathcal{O}(2; \{2^2, 3^4, 4^4, 6, 12^4\})$	451215360
12	$\mathcal{O}(2; \{2^3, 3, 4^6, 6, 12^4\})$	233570304
12	$\mathcal{O}(2; \{3, 4^8, 6, 12^4\})$	934281216
12	$\mathcal{O}(2; \{2^9, 3^2, 6^2, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^5, 3^5, 6^2, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2, 3^8, 6^2, 12^4\})$	906080256
12	$\mathcal{O}(2; \{2^6, 3^2, 4^2, 6^2, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3^5, 4^2, 6^2, 12^4\})$	452542464
12	$\mathcal{O}(2; \{2^3, 3^2, 4^4, 6^2, 12^4\})$	228261888
12	$\mathcal{O}(2; \{3^2, 4^6, 6^2, 12^4\})$	913047552
12	$\mathcal{O}(2; \{2^{10}, 6^3, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^6, 3^3, 6^3, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^2, 3^6, 6^3, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2^7, 4^2, 6^3, 12^4\})$	27869184

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^3, 3^3, 4^2, 6^3, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^4, 4^4, 6^3, 12^4\})$	111476736
12	$\mathcal{O}(2; \{3^3, 4^4, 6^3, 12^4\})$	907739136
12	$\mathcal{O}(2; \{2, 4^6, 6^3, 12^4\})$	445906944
12	$\mathcal{O}(2; \{2^7, 3, 6^4, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^3, 3^4, 6^4, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^4, 3, 4^2, 6^4, 12^4\})$	112803840
12	$\mathcal{O}(2; \{3^4, 4^2, 6^4, 12^4\})$	906412032
12	$\mathcal{O}(2; \{2, 3, 4^4, 6^4, 12^4\})$	451215360
12	$\mathcal{O}(2; \{2^4, 3^2, 6^5, 12^4\})$	113135616
12	$\mathcal{O}(2; \{3^5, 6^5, 12^4\})$	906080256
12	$\mathcal{O}(2; \{2, 3^2, 4^2, 6^5, 12^4\})$	452542464
12	$\mathcal{O}(2; \{2^5, 6^6, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2, 3^3, 6^6, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2^2, 4^2, 6^6, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2^2, 3, 6^7, 12^4\})$	226603008
12	$\mathcal{O}(2; \{6^9, 12^4\})$	452874240
12	$\mathcal{O}(2; \{2^9, 3^2, 4, 12^5\})$	27869184
12	$\mathcal{O}(2; \{2^5, 3^5, 4, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2, 3^8, 4, 12^5\})$	1811496960
12	$\mathcal{O}(2; \{2^6, 3^2, 4^3, 12^5\})$	111476736
12	$\mathcal{O}(2; \{2^2, 3^5, 4^3, 12^5\})$	907739136
12	$\mathcal{O}(2; \{2^3, 3^2, 4^5, 12^5\})$	445906944
12	$\mathcal{O}(2; \{3^2, 4^7, 12^5\})$	1783627776
12	$\mathcal{O}(2; \{2^{10}, 4, 6, 12^5\})$	14598144
12	$\mathcal{O}(2; \{2^6, 3^3, 4, 6, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3^6, 4, 6, 12^5\})$	906412032
12	$\mathcal{O}(2; \{2^7, 4^3, 6, 12^5\})$	58392576
12	$\mathcal{O}(2; \{2^3, 3^3, 4^3, 6, 12^5\})$	451215360
12	$\mathcal{O}(2; \{2^4, 4^5, 6, 12^5\})$	233570304
12	$\mathcal{O}(2; \{3^3, 4^5, 6, 12^5\})$	1804861440
12	$\mathcal{O}(2; \{2, 4^7, 6, 12^5\})$	934281216
12	$\mathcal{O}(2; \{2^7, 3, 4, 6^2, 12^5\})$	57065472
12	$\mathcal{O}(2; \{2^3, 3^4, 4, 6^2, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^4, 3, 4^3, 6^2, 12^5\})$	228261888
12	$\mathcal{O}(2; \{3^4, 4^3, 6^2, 12^5\})$	1810169856
12	$\mathcal{O}(2; \{2, 3, 4^5, 6^2, 12^5\})$	913047552
12	$\mathcal{O}(2; \{2^4, 3^2, 4, 6^3, 12^5\})$	226934784
12	$\mathcal{O}(2; \{3^5, 4, 6^3, 12^5\})$	1811496960
12	$\mathcal{O}(2; \{2, 3^2, 4^3, 6^3, 12^5\})$	907739136
12	$\mathcal{O}(2; \{2^5, 4, 6^4, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2, 3^3, 4, 6^4, 12^5\})$	906412032
12	$\mathcal{O}(2; \{2^2, 4^3, 6^4, 12^5\})$	451215360

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^2, 3, 4, 6^5, 12^5\})$	452542464
12	$\mathcal{O}(2; \{4, 6^7, 12^5\})$	906412032
12	$\mathcal{O}(2; \{2^{10}, 3, 12^6\})$	27869184
12	$\mathcal{O}(2; \{2^6, 3^4, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2^2, 3^7, 12^6\})$	1811496960
12	$\mathcal{O}(2; \{2^7, 3, 4^2, 12^6\})$	111476736
12	$\mathcal{O}(2; \{2^3, 3^4, 4^2, 12^6\})$	907739136
12	$\mathcal{O}(2; \{2^4, 3, 4^4, 12^6\})$	445906944
12	$\mathcal{O}(2; \{3^4, 4^4, 12^6\})$	3630956544
12	$\mathcal{O}(2; \{2, 3, 4^6, 12^6\})$	1783627776
12	$\mathcal{O}(2; \{2^7, 3^2, 6, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2^3, 3^5, 6, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^4, 3^2, 4^2, 6, 12^6\})$	451215360
12	$\mathcal{O}(2; \{3^5, 4^2, 6, 12^6\})$	3625648128
12	$\mathcal{O}(2; \{2, 3^2, 4^4, 6, 12^6\})$	1804861440
12	$\mathcal{O}(2; \{2^8, 6^2, 12^6\})$	57065472
12	$\mathcal{O}(2; \{2^4, 3^3, 6^2, 12^6\})$	452542464
12	$\mathcal{O}(2; \{3^6, 6^2, 12^6\})$	3624321024
12	$\mathcal{O}(2; \{2^5, 4^2, 6^2, 12^6\})$	228261888
12	$\mathcal{O}(2; \{2, 3^3, 4^2, 6^2, 12^6\})$	1810169856
12	$\mathcal{O}(2; \{2^2, 4^4, 6^2, 12^6\})$	913047552
12	$\mathcal{O}(2; \{2^5, 3, 6^3, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2, 3^4, 6^3, 12^6\})$	1811496960
12	$\mathcal{O}(2; \{2^2, 3, 4^2, 6^3, 12^6\})$	907739136
12	$\mathcal{O}(2; \{2^2, 3^2, 6^4, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^3, 6^5, 12^6\})$	452542464
12	$\mathcal{O}(2; \{4^2, 6^5, 12^6\})$	1810169856
12	$\mathcal{O}(2; \{3, 6^6, 12^6\})$	1811496960
12	$\mathcal{O}(2; \{2^8, 4, 12^7\})$	111476736
12	$\mathcal{O}(2; \{2^4, 3^3, 4, 12^7\})$	907739136
12	$\mathcal{O}(2; \{3^6, 4, 12^7\})$	7245987840
12	$\mathcal{O}(2; \{2^5, 4^3, 12^7\})$	445906944
12	$\mathcal{O}(2; \{2, 3^3, 4^3, 12^7\})$	3630956544
12	$\mathcal{O}(2; \{2^2, 4^5, 12^7\})$	1783627776
12	$\mathcal{O}(2; \{2^5, 3, 4, 6, 12^7\})$	451215360
12	$\mathcal{O}(2; \{2, 3^4, 4, 6, 12^7\})$	3625648128
12	$\mathcal{O}(2; \{2^2, 3, 4^3, 6, 12^7\})$	1804861440
12	$\mathcal{O}(2; \{2^2, 3^2, 4, 6^2, 12^7\})$	1810169856
12	$\mathcal{O}(2; \{2^3, 4, 6^3, 12^7\})$	907739136
12	$\mathcal{O}(2; \{4^3, 6^3, 12^7\})$	3630956544
12	$\mathcal{O}(2; \{3, 4, 6^4, 12^7\})$	3625648128
12	$\mathcal{O}(2; \{2^5, 3^2, 12^8\})$	907739136
12	$\mathcal{O}(2; \{2, 3^5, 12^8\})$	7245987840

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^2, 3^2, 4^2, 12^8\})$	3630956544
12	$\mathcal{O}(2; \{2^6, 6, 12^8\})$	451215360
12	$\mathcal{O}(2; \{2^2, 3^3, 6, 12^8\})$	3625648128
12	$\mathcal{O}(2; \{2^3, 4^2, 6, 12^8\})$	1804861440
12	$\mathcal{O}(2; \{4^4, 6, 12^8\})$	7219445760
12	$\mathcal{O}(2; \{2^3, 3, 6^2, 12^8\})$	1810169856
12	$\mathcal{O}(2; \{3, 4^2, 6^2, 12^8\})$	7240679424
12	$\mathcal{O}(2; \{3^2, 6^3, 12^8\})$	7245987840
12	$\mathcal{O}(2; \{2, 6^4, 12^8\})$	3625648128
12	$\mathcal{O}(2; \{2^3, 3, 4, 12^9\})$	3630956544
12	$\mathcal{O}(2; \{3, 4^3, 12^9\})$	14523826176
12	$\mathcal{O}(2; \{3^2, 4, 6, 12^9\})$	14502592512
12	$\mathcal{O}(2; \{2, 4, 6^2, 12^9\})$	7240679424
12	$\mathcal{O}(2; \{2^4, 12^{10}\})$	3630956544
12	$\mathcal{O}(2; \{3^3, 12^{10}\})$	28983951360
12	$\mathcal{O}(2; \{2, 4^2, 12^{10}\})$	14523826176
12	$\mathcal{O}(2; \{2, 3, 6, 12^{10}\})$	14502592512
12	$\mathcal{O}(1; \{2^{18}, 3^4, 4^2\})$	1728
12	$\mathcal{O}(1; \{2^{14}, 3^7, 4^2\})$	12096
12	$\mathcal{O}(1; \{2^{10}, 3^{10}, 4^2\})$	98496
12	$\mathcal{O}(1; \{2^6, 3^{13}, 4^2\})$	786240
12	$\mathcal{O}(1; \{2^2, 3^{16}, 4^2\})$	6291648
12	$\mathcal{O}(1; \{2^{15}, 3^4, 4^4\})$	6912
12	$\mathcal{O}(1; \{2^{11}, 3^7, 4^4\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^{10}, 4^4\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^{13}, 4^4\})$	3144960
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4^6\})$	27648
12	$\mathcal{O}(1; \{2^8, 3^7, 4^6\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4^6\})$	1575936
12	$\mathcal{O}(1; \{3^{13}, 4^6\})$	12579840
12	$\mathcal{O}(1; \{2^9, 3^4, 4^8\})$	110592
12	$\mathcal{O}(1; \{2^5, 3^7, 4^8\})$	774144
12	$\mathcal{O}(1; \{2, 3^{10}, 4^8\})$	6303744
12	$\mathcal{O}(1; \{2^6, 3^4, 4^{10}\})$	442368
12	$\mathcal{O}(1; \{2^2, 3^7, 4^{10}\})$	3096576
12	$\mathcal{O}(1; \{2^3, 3^4, 4^{12}\})$	1769472
12	$\mathcal{O}(1; \{3^4, 4^{14}\})$	7077888
12	$\mathcal{O}(1; \{2^{19}, 3^2, 4^2, 6\})$	576
12	$\mathcal{O}(1; \{2^{15}, 3^5, 4^2, 6\})$	6336
12	$\mathcal{O}(1; \{2^{11}, 3^8, 4^2, 6\})$	48960
12	$\mathcal{O}(1; \{2^7, 3^{11}, 4^2, 6\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^{14}, 4^2, 6\})$	3145536
12	$\mathcal{O}(1; \{2^{16}, 3^2, 4^4, 6\})$	2304

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{12}, 3^5, 4^4, 6\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^8, 4^4, 6\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^{11}, 4^4, 6\})$	1573632
12	$\mathcal{O}(1; \{3^{14}, 4^4, 6\})$	12582144
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^6, 6\})$	9216
12	$\mathcal{O}(1; \{2^9, 3^5, 4^6, 6\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^8, 4^6, 6\})$	783360
12	$\mathcal{O}(1; \{2, 3^{11}, 4^6, 6\})$	6294528
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^8, 6\})$	36864
12	$\mathcal{O}(1; \{2^6, 3^5, 4^8, 6\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^8, 4^8, 6\})$	3133440
12	$\mathcal{O}(1; \{2^7, 3^2, 4^{10}, 6\})$	147456
12	$\mathcal{O}(1; \{2^3, 3^5, 4^{10}, 6\})$	1622016
12	$\mathcal{O}(1; \{2^4, 3^2, 4^{12}, 6\})$	589824
12	$\mathcal{O}(1; \{3^5, 4^{12}, 6\})$	6488064
12	$\mathcal{O}(1; \{2, 3^2, 4^{14}, 6\})$	2359296
12	$\mathcal{O}(1; \{2^{20}, 4^2, 6^2\})$	576
12	$\mathcal{O}(1; \{2^{16}, 3^3, 4^2, 6^2\})$	2880
12	$\mathcal{O}(1; \{2^{12}, 3^6, 4^2, 6^2\})$	24768
12	$\mathcal{O}(1; \{2^8, 3^9, 4^2, 6^2\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^{12}, 4^2, 6^2\})$	1573056
12	$\mathcal{O}(1; \{3^{15}, 4^2, 6^2\})$	12582720
12	$\mathcal{O}(1; \{2^{17}, 4^4, 6^2\})$	2304
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4^4, 6^2\})$	11520
12	$\mathcal{O}(1; \{2^9, 3^6, 4^4, 6^2\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^9, 4^4, 6^2\})$	785664
12	$\mathcal{O}(1; \{2, 3^{12}, 4^4, 6^2\})$	6292224
12	$\mathcal{O}(1; \{2^{14}, 4^6, 6^2\})$	9216
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^6, 6^2\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^6, 4^6, 6^2\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^9, 4^6, 6^2\})$	3142656
12	$\mathcal{O}(1; \{2^{11}, 4^8, 6^2\})$	36864
12	$\mathcal{O}(1; \{2^7, 3^3, 4^8, 6^2\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^6, 4^8, 6^2\})$	1585152
12	$\mathcal{O}(1; \{2^8, 4^{10}, 6^2\})$	147456
12	$\mathcal{O}(1; \{2^4, 3^3, 4^{10}, 6^2\})$	737280
12	$\mathcal{O}(1; \{3^6, 4^{10}, 6^2\})$	6340608
12	$\mathcal{O}(1; \{2^5, 4^{12}, 6^2\})$	589824
12	$\mathcal{O}(1; \{2, 3^3, 4^{12}, 6^2\})$	2949120
12	$\mathcal{O}(1; \{2^2, 4^{14}, 6^2\})$	2359296
12	$\mathcal{O}(1; \{2^{17}, 3, 4^2, 6^3\})$	1728
12	$\mathcal{O}(1; \{2^{13}, 3^4, 4^2, 6^3\})$	12096
12	$\mathcal{O}(1; \{2^9, 3^7, 4^2, 6^3\})$	98496

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^5, 3^{10}, 4^2, 6^3\})$	786240
12	$\mathcal{O}(1; \{2, 3^{13}, 4^2, 6^3\})$	6291648
12	$\mathcal{O}(1; \{2^{14}, 3, 4^4, 6^3\})$	6912
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^4, 6^3\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^7, 4^4, 6^3\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^4, 6^3\})$	3144960
12	$\mathcal{O}(1; \{2^{11}, 3, 4^6, 6^3\})$	27648
12	$\mathcal{O}(1; \{2^7, 3^4, 4^6, 6^3\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^7, 4^6, 6^3\})$	1575936
12	$\mathcal{O}(1; \{2^8, 3, 4^8, 6^3\})$	110592
12	$\mathcal{O}(1; \{2^4, 3^4, 4^8, 6^3\})$	774144
12	$\mathcal{O}(1; \{3^7, 4^8, 6^3\})$	6303744
12	$\mathcal{O}(1; \{2^5, 3, 4^{10}, 6^3\})$	442368
12	$\mathcal{O}(1; \{2, 3^4, 4^{10}, 6^3\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3, 4^{12}, 6^3\})$	1769472
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4^2, 6^4\})$	6336
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4^2, 6^4\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^8, 4^2, 6^4\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4^2, 6^4\})$	3145536
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^4, 6^4\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^5, 4^4, 6^4\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^8, 4^4, 6^4\})$	1573632
12	$\mathcal{O}(1; \{2^8, 3^2, 4^6, 6^4\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^5, 4^6, 6^4\})$	783360
12	$\mathcal{O}(1; \{3^8, 4^6, 6^4\})$	6294528
12	$\mathcal{O}(1; \{2^5, 3^2, 4^8, 6^4\})$	405504
12	$\mathcal{O}(1; \{2, 3^5, 4^8, 6^4\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^2, 4^{10}, 6^4\})$	1622016
12	$\mathcal{O}(1; \{2^{15}, 4^2, 6^5\})$	2880
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^2, 6^5\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^6, 4^2, 6^5\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^9, 4^2, 6^5\})$	1573056
12	$\mathcal{O}(1; \{2^{12}, 4^4, 6^5\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^3, 4^4, 6^5\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^6, 4^4, 6^5\})$	785664
12	$\mathcal{O}(1; \{3^9, 4^4, 6^5\})$	6292224
12	$\mathcal{O}(1; \{2^9, 4^6, 6^5\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^3, 4^6, 6^5\})$	396288
12	$\mathcal{O}(1; \{2, 3^6, 4^6, 6^5\})$	3142656
12	$\mathcal{O}(1; \{2^6, 4^8, 6^5\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^3, 4^8, 6^5\})$	1585152
12	$\mathcal{O}(1; \{2^3, 4^{10}, 6^5\})$	737280
12	$\mathcal{O}(1; \{4^{12}, 6^5\})$	2949120

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{12}, 3, 4^2, 6^6\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^4, 4^2, 6^6\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^7, 4^2, 6^6\})$	786240
12	$\mathcal{O}(1; \{3^{10}, 4^2, 6^6\})$	6291648
12	$\mathcal{O}(1; \{2^9, 3, 4^4, 6^6\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^4, 4^4, 6^6\})$	393984
12	$\mathcal{O}(1; \{2, 3^7, 4^4, 6^6\})$	3144960
12	$\mathcal{O}(1; \{2^6, 3, 4^6, 6^6\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^4, 4^6, 6^6\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3, 4^8, 6^6\})$	774144
12	$\mathcal{O}(1; \{3, 4^{10}, 6^6\})$	3096576
12	$\mathcal{O}(1; \{2^9, 3^2, 4^2, 6^7\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^5, 4^2, 6^7\})$	393408
12	$\mathcal{O}(1; \{2, 3^8, 4^2, 6^7\})$	3145536
12	$\mathcal{O}(1; \{2^6, 3^2, 4^4, 6^7\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^5, 4^4, 6^7\})$	1573632
12	$\mathcal{O}(1; \{2^3, 3^2, 4^6, 6^7\})$	783360
12	$\mathcal{O}(1; \{3^2, 4^8, 6^7\})$	3133440
12	$\mathcal{O}(1; \{2^{10}, 4^2, 6^8\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^3, 4^2, 6^8\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^6, 4^2, 6^8\})$	1573056
12	$\mathcal{O}(1; \{2^7, 4^4, 6^8\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^3, 4^4, 6^8\})$	785664
12	$\mathcal{O}(1; \{2^4, 4^6, 6^8\})$	396288
12	$\mathcal{O}(1; \{3^3, 4^6, 6^8\})$	3142656
12	$\mathcal{O}(1; \{2, 4^8, 6^8\})$	1585152
12	$\mathcal{O}(1; \{2^7, 3, 4^2, 6^9\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^4, 4^2, 6^9\})$	786240
12	$\mathcal{O}(1; \{2^4, 3, 4^4, 6^9\})$	393984
12	$\mathcal{O}(1; \{3^4, 4^4, 6^9\})$	3144960
12	$\mathcal{O}(1; \{2, 3, 4^6, 6^9\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 6^{10}\})$	393408
12	$\mathcal{O}(1; \{3^5, 4^2, 6^{10}\})$	3145536
12	$\mathcal{O}(1; \{2, 3^2, 4^4, 6^{10}\})$	1573632
12	$\mathcal{O}(1; \{2^5, 4^2, 6^{11}\})$	196416
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 6^{11}\})$	1573056
12	$\mathcal{O}(1; \{2^2, 4^4, 6^{11}\})$	785664
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^{12}\})$	786240
12	$\mathcal{O}(1; \{4^2, 6^{14}\})$	1573056
12	$\mathcal{O}(1; \{2^{19}, 3^3, 4, 12\})$	1728
12	$\mathcal{O}(1; \{2^{15}, 3^6, 4, 12\})$	12096
12	$\mathcal{O}(1; \{2^{11}, 3^9, 4, 12\})$	98496
12	$\mathcal{O}(1; \{2^7, 3^{12}, 4, 12\})$	786240

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3^{15}, 4, 12\})$	6291648
12	$\mathcal{O}(1; \{2^{16}, 3^3, 4^3, 12\})$	6912
12	$\mathcal{O}(1; \{2^{12}, 3^6, 4^3, 12\})$	48384
12	$\mathcal{O}(1; \{2^8, 3^9, 4^3, 12\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^{12}, 4^3, 12\})$	3144960
12	$\mathcal{O}(1; \{3^{15}, 4^3, 12\})$	25166592
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4^5, 12\})$	27648
12	$\mathcal{O}(1; \{2^9, 3^6, 4^5, 12\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^9, 4^5, 12\})$	1575936
12	$\mathcal{O}(1; \{2, 3^{12}, 4^5, 12\})$	12579840
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^7, 12\})$	110592
12	$\mathcal{O}(1; \{2^6, 3^6, 4^7, 12\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^9, 4^7, 12\})$	6303744
12	$\mathcal{O}(1; \{2^7, 3^3, 4^9, 12\})$	442368
12	$\mathcal{O}(1; \{2^3, 3^6, 4^9, 12\})$	3096576
12	$\mathcal{O}(1; \{2^4, 3^3, 4^{11}, 12\})$	1769472
12	$\mathcal{O}(1; \{3^6, 4^{11}, 12\})$	12386304
12	$\mathcal{O}(1; \{2, 3^3, 4^{13}, 12\})$	7077888
12	$\mathcal{O}(1; \{2^{20}, 3, 4, 6, 12\})$	576
12	$\mathcal{O}(1; \{2^{16}, 3^4, 4, 6, 12\})$	6336
12	$\mathcal{O}(1; \{2^{12}, 3^7, 4, 6, 12\})$	48960
12	$\mathcal{O}(1; \{2^8, 3^{10}, 4, 6, 12\})$	393408
12	$\mathcal{O}(1; \{2^4, 3^{13}, 4, 6, 12\})$	3145536
12	$\mathcal{O}(1; \{3^{16}, 4, 6, 12\})$	25166016
12	$\mathcal{O}(1; \{2^{17}, 3, 4^3, 6, 12\})$	2304
12	$\mathcal{O}(1; \{2^{13}, 3^4, 4^3, 6, 12\})$	25344
12	$\mathcal{O}(1; \{2^9, 3^7, 4^3, 6, 12\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^{10}, 4^3, 6, 12\})$	1573632
12	$\mathcal{O}(1; \{2, 3^{13}, 4^3, 6, 12\})$	12582144
12	$\mathcal{O}(1; \{2^{14}, 3, 4^5, 6, 12\})$	9216
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^5, 6, 12\})$	101376
12	$\mathcal{O}(1; \{2^6, 3^7, 4^5, 6, 12\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^5, 6, 12\})$	6294528
12	$\mathcal{O}(1; \{2^{11}, 3, 4^7, 6, 12\})$	36864
12	$\mathcal{O}(1; \{2^7, 3^4, 4^7, 6, 12\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^7, 4^7, 6, 12\})$	3133440
12	$\mathcal{O}(1; \{2^8, 3, 4^9, 6, 12\})$	147456
12	$\mathcal{O}(1; \{2^4, 3^4, 4^9, 6, 12\})$	1622016
12	$\mathcal{O}(1; \{3^7, 4^9, 6, 12\})$	12533760
12	$\mathcal{O}(1; \{2^5, 3, 4^{11}, 6, 12\})$	589824
12	$\mathcal{O}(1; \{2, 3^4, 4^{11}, 6, 12\})$	6488064
12	$\mathcal{O}(1; \{2^2, 3, 4^{13}, 6, 12\})$	2359296
12	$\mathcal{O}(1; \{2^{17}, 3^2, 4, 6^2, 12\})$	2880

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{13}, 3^5, 4, 6^2, 12\})$	24768
12	$\mathcal{O}(1; \{2^9, 3^8, 4, 6^2, 12\})$	196416
12	$\mathcal{O}(1; \{2^5, 3^{11}, 4, 6^2, 12\})$	1573056
12	$\mathcal{O}(1; \{2, 3^{14}, 4, 6^2, 12\})$	12582720
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4^3, 6^2, 12\})$	11520
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4^3, 6^2, 12\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^8, 4^3, 6^2, 12\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4^3, 6^2, 12\})$	6292224
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^5, 6^2, 12\})$	46080
12	$\mathcal{O}(1; \{2^7, 3^5, 4^5, 6^2, 12\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^8, 4^5, 6^2, 12\})$	3142656
12	$\mathcal{O}(1; \{2^8, 3^2, 4^7, 6^2, 12\})$	184320
12	$\mathcal{O}(1; \{2^4, 3^5, 4^7, 6^2, 12\})$	1585152
12	$\mathcal{O}(1; \{3^8, 4^7, 6^2, 12\})$	12570624
12	$\mathcal{O}(1; \{2^5, 3^2, 4^9, 6^2, 12\})$	737280
12	$\mathcal{O}(1; \{2, 3^5, 4^9, 6^2, 12\})$	6340608
12	$\mathcal{O}(1; \{2^2, 3^2, 4^{11}, 6^2, 12\})$	2949120
12	$\mathcal{O}(1; \{2^{18}, 4, 6^3, 12\})$	1728
12	$\mathcal{O}(1; \{2^{14}, 3^3, 4, 6^3, 12\})$	12096
12	$\mathcal{O}(1; \{2^{10}, 3^6, 4, 6^3, 12\})$	98496
12	$\mathcal{O}(1; \{2^6, 3^9, 4, 6^3, 12\})$	786240
12	$\mathcal{O}(1; \{2^2, 3^{12}, 4, 6^3, 12\})$	6291648
12	$\mathcal{O}(1; \{2^{15}, 4^3, 6^3, 12\})$	6912
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^3, 6^3, 12\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^6, 4^3, 6^3, 12\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^9, 4^3, 6^3, 12\})$	3144960
12	$\mathcal{O}(1; \{2^{12}, 4^5, 6^3, 12\})$	27648
12	$\mathcal{O}(1; \{2^8, 3^3, 4^5, 6^3, 12\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^6, 4^5, 6^3, 12\})$	1575936
12	$\mathcal{O}(1; \{3^9, 4^5, 6^3, 12\})$	12579840
12	$\mathcal{O}(1; \{2^9, 4^7, 6^3, 12\})$	110592
12	$\mathcal{O}(1; \{2^5, 3^3, 4^7, 6^3, 12\})$	774144
12	$\mathcal{O}(1; \{2, 3^6, 4^7, 6^3, 12\})$	6303744
12	$\mathcal{O}(1; \{2^6, 4^9, 6^3, 12\})$	442368
12	$\mathcal{O}(1; \{2^2, 3^3, 4^9, 6^3, 12\})$	3096576
12	$\mathcal{O}(1; \{2^3, 4^{11}, 6^3, 12\})$	1769472
12	$\mathcal{O}(1; \{4^{13}, 6^3, 12\})$	7077888
12	$\mathcal{O}(1; \{2^{15}, 3, 4, 6^4, 12\})$	6336
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4, 6^4, 12\})$	48960
12	$\mathcal{O}(1; \{2^7, 3^7, 4, 6^4, 12\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4, 6^4, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{12}, 3, 4^3, 6^4, 12\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^4, 4^3, 6^4, 12\})$	195840

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^4, 3^7, 4^3, 6^4, 12\})$	1573632
12	$\mathcal{O}(1; \{3^{10}, 4^3, 6^4, 12\})$	12582144
12	$\mathcal{O}(1; \{2^9, 3, 4^5, 6^4, 12\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^4, 4^5, 6^4, 12\})$	783360
12	$\mathcal{O}(1; \{2, 3^7, 4^5, 6^4, 12\})$	6294528
12	$\mathcal{O}(1; \{2^6, 3, 4^7, 6^4, 12\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^4, 4^7, 6^4, 12\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3, 4^9, 6^4, 12\})$	1622016
12	$\mathcal{O}(1; \{3, 4^{11}, 6^4, 12\})$	6488064
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4, 6^5, 12\})$	24768
12	$\mathcal{O}(1; \{2^8, 3^5, 4, 6^5, 12\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^8, 4, 6^5, 12\})$	1573056
12	$\mathcal{O}(1; \{3^{11}, 4, 6^5, 12\})$	12582720
12	$\mathcal{O}(1; \{2^9, 3^2, 4^3, 6^5, 12\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^5, 4^3, 6^5, 12\})$	785664
12	$\mathcal{O}(1; \{2, 3^8, 4^3, 6^5, 12\})$	6292224
12	$\mathcal{O}(1; \{2^6, 3^2, 4^5, 6^5, 12\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^5, 4^5, 6^5, 12\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3^2, 4^7, 6^5, 12\})$	1585152
12	$\mathcal{O}(1; \{3^2, 4^9, 6^5, 12\})$	6340608
12	$\mathcal{O}(1; \{2^{13}, 4, 6^6, 12\})$	12096
12	$\mathcal{O}(1; \{2^9, 3^3, 4, 6^6, 12\})$	98496
12	$\mathcal{O}(1; \{2^5, 3^6, 4, 6^6, 12\})$	786240
12	$\mathcal{O}(1; \{2, 3^9, 4, 6^6, 12\})$	6291648
12	$\mathcal{O}(1; \{2^{10}, 4^3, 6^6, 12\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^3, 4^3, 6^6, 12\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^6, 4^3, 6^6, 12\})$	3144960
12	$\mathcal{O}(1; \{2^7, 4^5, 6^6, 12\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^3, 4^5, 6^6, 12\})$	1575936
12	$\mathcal{O}(1; \{2^4, 4^7, 6^6, 12\})$	774144
12	$\mathcal{O}(1; \{3^3, 4^7, 6^6, 12\})$	6303744
12	$\mathcal{O}(1; \{2, 4^9, 6^6, 12\})$	3096576
12	$\mathcal{O}(1; \{2^{10}, 3, 4, 6^7, 12\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^4, 4, 6^7, 12\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^7, 4, 6^7, 12\})$	3145536
12	$\mathcal{O}(1; \{2^7, 3, 4^3, 6^7, 12\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^4, 4^3, 6^7, 12\})$	1573632
12	$\mathcal{O}(1; \{2^4, 3, 4^5, 6^7, 12\})$	783360
12	$\mathcal{O}(1; \{3^4, 4^5, 6^7, 12\})$	6294528
12	$\mathcal{O}(1; \{2, 3, 4^7, 6^7, 12\})$	3133440
12	$\mathcal{O}(1; \{2^7, 3^2, 4, 6^8, 12\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^5, 4, 6^8, 12\})$	1573056
12	$\mathcal{O}(1; \{2^4, 3^2, 4^3, 6^8, 12\})$	785664

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^5, 4^3, 6^8, 12\})$	6292224
12	$\mathcal{O}(1; \{2, 3^2, 4^5, 6^8, 12\})$	3142656
12	$\mathcal{O}(1; \{2^8, 4, 6^9, 12\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^3, 4, 6^9, 12\})$	786240
12	$\mathcal{O}(1; \{3^6, 4, 6^9, 12\})$	6291648
12	$\mathcal{O}(1; \{2^5, 4^3, 6^9, 12\})$	393984
12	$\mathcal{O}(1; \{2, 3^3, 4^3, 6^9, 12\})$	3144960
12	$\mathcal{O}(1; \{2^2, 4^5, 6^9, 12\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3, 4, 6^{10}, 12\})$	393408
12	$\mathcal{O}(1; \{2, 3^4, 4, 6^{10}, 12\})$	3145536
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 6^{10}, 12\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^{11}, 12\})$	1573056
12	$\mathcal{O}(1; \{2^3, 4, 6^{12}, 12\})$	786240
12	$\mathcal{O}(1; \{4^3, 6^{12}, 12\})$	3144960
12	$\mathcal{O}(1; \{3, 4, 6^{13}, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{20}, 3^2, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{16}, 3^5, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^{12}, 3^8, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^8, 3^{11}, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^4, 3^{14}, 12^2\})$	6291648
12	$\mathcal{O}(1; \{3^{17}, 12^2\})$	50331456
12	$\mathcal{O}(1; \{2^{17}, 3^2, 4^2, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^{13}, 3^5, 4^2, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^9, 3^8, 4^2, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^5, 3^{11}, 4^2, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2, 3^{14}, 4^2, 12^2\})$	25166592
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4^4, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4^4, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^6, 3^8, 4^4, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4^4, 12^2\})$	12579840
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^6, 12^2\})$	110592
12	$\mathcal{O}(1; \{2^7, 3^5, 4^6, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^8, 4^6, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^8, 3^2, 4^8, 12^2\})$	442368
12	$\mathcal{O}(1; \{2^4, 3^5, 4^8, 12^2\})$	3096576
12	$\mathcal{O}(1; \{3^8, 4^8, 12^2\})$	25214976
12	$\mathcal{O}(1; \{2^5, 3^2, 4^{10}, 12^2\})$	1769472
12	$\mathcal{O}(1; \{2, 3^5, 4^{10}, 12^2\})$	12386304
12	$\mathcal{O}(1; \{2^2, 3^2, 4^{12}, 12^2\})$	7077888
12	$\mathcal{O}(1; \{2^{21}, 6, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{17}, 3^3, 6, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^{13}, 3^6, 6, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^9, 3^9, 6, 12^2\})$	393408

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^5, 3^{12}, 6, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2, 3^{15}, 6, 12^2\})$	25166016
12	$\mathcal{O}(1; \{2^{18}, 4^2, 6, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^{14}, 3^3, 4^2, 6, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^{10}, 3^6, 4^2, 6, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^6, 3^9, 4^2, 6, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^{12}, 4^2, 6, 12^2\})$	12582144
12	$\mathcal{O}(1; \{2^{15}, 4^4, 6, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^4, 6, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^7, 3^6, 4^4, 6, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^9, 4^4, 6, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^{12}, 4^6, 6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^8, 3^3, 4^6, 6, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^4, 3^6, 4^6, 6, 12^2\})$	3133440
12	$\mathcal{O}(1; \{3^9, 4^6, 6, 12^2\})$	25178112
12	$\mathcal{O}(1; \{2^9, 4^8, 6, 12^2\})$	147456
12	$\mathcal{O}(1; \{2^5, 3^3, 4^8, 6, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2, 3^6, 4^8, 6, 12^2\})$	12533760
12	$\mathcal{O}(1; \{2^6, 4^{10}, 6, 12^2\})$	589824
12	$\mathcal{O}(1; \{2^2, 3^3, 4^{10}, 6, 12^2\})$	6488064
12	$\mathcal{O}(1; \{2^3, 4^{12}, 6, 12^2\})$	2359296
12	$\mathcal{O}(1; \{4^{14}, 6, 12^2\})$	9437184
12	$\mathcal{O}(1; \{2^{18}, 3, 6^2, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{14}, 3^4, 6^2, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^{10}, 3^7, 6^2, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^6, 3^{10}, 6^2, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^2, 3^{13}, 6^2, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^{15}, 3, 4^2, 6^2, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^2, 6^2, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^7, 3^7, 4^2, 6^2, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^2, 6^2, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^{12}, 3, 4^4, 6^2, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^8, 3^4, 4^4, 6^2, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^7, 4^4, 6^2, 12^2\})$	3142656
12	$\mathcal{O}(1; \{3^{10}, 4^4, 6^2, 12^2\})$	25168896
12	$\mathcal{O}(1; \{2^9, 3, 4^6, 6^2, 12^2\})$	184320
12	$\mathcal{O}(1; \{2^5, 3^4, 4^6, 6^2, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2, 3^7, 4^6, 6^2, 12^2\})$	12570624
12	$\mathcal{O}(1; \{2^6, 3, 4^8, 6^2, 12^2\})$	737280
12	$\mathcal{O}(1; \{2^2, 3^4, 4^8, 6^2, 12^2\})$	6340608
12	$\mathcal{O}(1; \{2^3, 3, 4^{10}, 6^2, 12^2\})$	2949120
12	$\mathcal{O}(1; \{3, 4^{12}, 6^2, 12^2\})$	11796480
12	$\mathcal{O}(1; \{2^{15}, 3^2, 6^3, 12^2\})$	12096

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{11}, 3^5, 6^3, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^7, 3^8, 6^3, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^3, 3^{11}, 6^3, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^2, 6^3, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^8, 3^5, 4^2, 6^3, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^8, 4^2, 6^3, 12^2\})$	3144960
12	$\mathcal{O}(1; \{3^{11}, 4^2, 6^3, 12^2\})$	25166592
12	$\mathcal{O}(1; \{2^9, 3^2, 4^4, 6^3, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^5, 4^4, 6^3, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2, 3^8, 4^4, 6^3, 12^2\})$	12579840
12	$\mathcal{O}(1; \{2^6, 3^2, 4^6, 6^3, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^5, 4^6, 6^3, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3^2, 4^8, 6^3, 12^2\})$	3096576
12	$\mathcal{O}(1; \{3^2, 4^{10}, 6^3, 12^2\})$	12386304
12	$\mathcal{O}(1; \{2^{16}, 6^4, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^{12}, 3^3, 6^4, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^8, 3^6, 6^4, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^4, 3^9, 6^4, 12^2\})$	3145536
12	$\mathcal{O}(1; \{3^{12}, 6^4, 12^2\})$	25166016
12	$\mathcal{O}(1; \{2^{13}, 4^2, 6^4, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^9, 3^3, 4^2, 6^4, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^6, 4^2, 6^4, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2, 3^9, 4^2, 6^4, 12^2\})$	12582144
12	$\mathcal{O}(1; \{2^{10}, 4^4, 6^4, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^6, 3^3, 4^4, 6^4, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^6, 4^4, 6^4, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^7, 4^6, 6^4, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^3, 4^6, 6^4, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^4, 4^8, 6^4, 12^2\})$	1622016
12	$\mathcal{O}(1; \{3^3, 4^8, 6^4, 12^2\})$	12533760
12	$\mathcal{O}(1; \{2, 4^{10}, 6^4, 12^2\})$	6488064
12	$\mathcal{O}(1; \{2^{13}, 3, 6^5, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^9, 3^4, 6^5, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^5, 3^7, 6^5, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2, 3^{10}, 6^5, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^{10}, 3, 4^2, 6^5, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^4, 4^2, 6^5, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^7, 4^2, 6^5, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^7, 3, 4^4, 6^5, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^4, 4^4, 6^5, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^4, 3, 4^6, 6^5, 12^2\})$	1585152
12	$\mathcal{O}(1; \{3^4, 4^6, 6^5, 12^2\})$	12570624
12	$\mathcal{O}(1; \{2, 3, 4^8, 6^5, 12^2\})$	6340608

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{10}, 3^2, 6^6, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^6, 3^5, 6^6, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^2, 3^8, 6^6, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^7, 3^2, 4^2, 6^6, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^5, 4^2, 6^6, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^4, 3^2, 4^4, 6^6, 12^2\})$	1575936
12	$\mathcal{O}(1; \{3^5, 4^4, 6^6, 12^2\})$	12579840
12	$\mathcal{O}(1; \{2, 3^2, 4^6, 6^6, 12^2\})$	6303744
12	$\mathcal{O}(1; \{2^{11}, 6^7, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^7, 3^3, 6^7, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^6, 6^7, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^8, 4^2, 6^7, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^3, 4^2, 6^7, 12^2\})$	1573632
12	$\mathcal{O}(1; \{3^6, 4^2, 6^7, 12^2\})$	12582144
12	$\mathcal{O}(1; \{2^5, 4^4, 6^7, 12^2\})$	783360
12	$\mathcal{O}(1; \{2, 3^3, 4^4, 6^7, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^2, 4^6, 6^7, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^8, 3, 6^8, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^4, 6^8, 12^2\})$	1573056
12	$\mathcal{O}(1; \{3^7, 6^8, 12^2\})$	12582720
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 6^8, 12^2\})$	785664
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 6^8, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 6^8, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^5, 3^2, 6^9, 12^2\})$	786240
12	$\mathcal{O}(1; \{2, 3^5, 6^9, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^9, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^6, 6^{10}, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^3, 6^{10}, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^3, 4^2, 6^{10}, 12^2\})$	1573632
12	$\mathcal{O}(1; \{4^4, 6^{10}, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^3, 3, 6^{11}, 12^2\})$	1573056
12	$\mathcal{O}(1; \{3, 4^2, 6^{11}, 12^2\})$	6292224
12	$\mathcal{O}(1; \{3^2, 6^{12}, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2, 6^{13}, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{18}, 3, 4, 12^3\})$	6912
12	$\mathcal{O}(1; \{2^{14}, 3^4, 4, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^{10}, 3^7, 4, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^6, 3^{10}, 4, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^2, 3^{13}, 4, 12^3\})$	25166592
12	$\mathcal{O}(1; \{2^{15}, 3, 4^3, 12^3\})$	27648
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^3, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^7, 3^7, 4^3, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^3, 12^3\})$	12579840

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{12}, 3, 4^5, 12^3\})$	110592
12	$\mathcal{O}(1; \{2^8, 3^4, 4^5, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^7, 4^5, 12^3\})$	6303744
12	$\mathcal{O}(1; \{3^{10}, 4^5, 12^3\})$	50319360
12	$\mathcal{O}(1; \{2^9, 3, 4^7, 12^3\})$	442368
12	$\mathcal{O}(1; \{2^5, 3^4, 4^7, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2, 3^7, 4^7, 12^3\})$	25214976
12	$\mathcal{O}(1; \{2^6, 3, 4^9, 12^3\})$	1769472
12	$\mathcal{O}(1; \{2^2, 3^4, 4^9, 12^3\})$	12386304
12	$\mathcal{O}(1; \{2^3, 3, 4^{11}, 12^3\})$	7077888
12	$\mathcal{O}(1; \{3, 4^{13}, 12^3\})$	28311552
12	$\mathcal{O}(1; \{2^{15}, 3^2, 4, 6, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^{11}, 3^5, 4, 6, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^7, 3^8, 4, 6, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^3, 3^{11}, 4, 6, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^3, 6, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^8, 3^5, 4^3, 6, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^8, 4^3, 6, 12^3\})$	6294528
12	$\mathcal{O}(1; \{3^{11}, 4^3, 6, 12^3\})$	50328576
12	$\mathcal{O}(1; \{2^9, 3^2, 4^5, 6, 12^3\})$	405504
12	$\mathcal{O}(1; \{2^5, 3^5, 4^5, 6, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2, 3^8, 4^5, 6, 12^3\})$	25178112
12	$\mathcal{O}(1; \{2^6, 3^2, 4^7, 6, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2^2, 3^5, 4^7, 6, 12^3\})$	12533760
12	$\mathcal{O}(1; \{2^3, 3^2, 4^9, 6, 12^3\})$	6488064
12	$\mathcal{O}(1; \{3^2, 4^{11}, 6, 12^3\})$	25952256
12	$\mathcal{O}(1; \{2^{16}, 4, 6^2, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4, 6^2, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^8, 3^6, 4, 6^2, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^4, 3^9, 4, 6^2, 12^3\})$	6292224
12	$\mathcal{O}(1; \{3^{12}, 4, 6^2, 12^3\})$	50330880
12	$\mathcal{O}(1; \{2^{13}, 4^3, 6^2, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^9, 3^3, 4^3, 6^2, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^5, 3^6, 4^3, 6^2, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2, 3^9, 4^3, 6^2, 12^3\})$	25168896
12	$\mathcal{O}(1; \{2^{10}, 4^5, 6^2, 12^3\})$	184320
12	$\mathcal{O}(1; \{2^6, 3^3, 4^5, 6^2, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^6, 4^5, 6^2, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2^7, 4^7, 6^2, 12^3\})$	737280
12	$\mathcal{O}(1; \{2^3, 3^3, 4^7, 6^2, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^4, 4^9, 6^2, 12^3\})$	2949120
12	$\mathcal{O}(1; \{3^3, 4^9, 6^2, 12^3\})$	25362432
12	$\mathcal{O}(1; \{2, 4^{11}, 6^2, 12^3\})$	11796480

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{13}, 3, 4, 6^3, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^9, 3^4, 4, 6^3, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^5, 3^7, 4, 6^3, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2, 3^{10}, 4, 6^3, 12^3\})$	25166592
12	$\mathcal{O}(1; \{2^{10}, 3, 4^3, 6^3, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^6, 3^4, 4^3, 6^3, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^7, 4^3, 6^3, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^7, 3, 4^5, 6^3, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^4, 4^5, 6^3, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^4, 3, 4^7, 6^3, 12^3\})$	3096576
12	$\mathcal{O}(1; \{3^4, 4^7, 6^3, 12^3\})$	25214976
12	$\mathcal{O}(1; \{2, 3, 4^9, 6^3, 12^3\})$	12386304
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4, 6^4, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^6, 3^5, 4, 6^4, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^8, 4, 6^4, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^7, 3^2, 4^3, 6^4, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^5, 4^3, 6^4, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^4, 3^2, 4^5, 6^4, 12^3\})$	3133440
12	$\mathcal{O}(1; \{3^5, 4^5, 6^4, 12^3\})$	25178112
12	$\mathcal{O}(1; \{2, 3^2, 4^7, 6^4, 12^3\})$	12533760
12	$\mathcal{O}(1; \{2^{11}, 4, 6^5, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^7, 3^3, 4, 6^5, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^6, 4, 6^5, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^8, 4^3, 6^5, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^3, 4^3, 6^5, 12^3\})$	3142656
12	$\mathcal{O}(1; \{3^6, 4^3, 6^5, 12^3\})$	25168896
12	$\mathcal{O}(1; \{2^5, 4^5, 6^5, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2, 3^3, 4^5, 6^5, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2^2, 4^7, 6^5, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2^8, 3, 4, 6^6, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^4, 4, 6^6, 12^3\})$	3144960
12	$\mathcal{O}(1; \{3^7, 4, 6^6, 12^3\})$	25166592
12	$\mathcal{O}(1; \{2^5, 3, 4^3, 6^6, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2, 3^4, 4^3, 6^6, 12^3\})$	12579840
12	$\mathcal{O}(1; \{2^2, 3, 4^5, 6^6, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^5, 3^2, 4, 6^7, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2, 3^5, 4, 6^7, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 6^7, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^6, 4, 6^8, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 6^8, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^3, 4^3, 6^8, 12^3\})$	3142656
12	$\mathcal{O}(1; \{4^5, 6^8, 12^3\})$	12570624
12	$\mathcal{O}(1; \{2^3, 3, 4, 6^9, 12^3\})$	3144960

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3, 4^3, 6^9, 12^3\})$	12579840
12	$\mathcal{O}(1; \{3^2, 4, 6^{10}, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2, 4, 6^{11}, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^{19}, 12^4\})$	6912
12	$\mathcal{O}(1; \{2^{15}, 3^3, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^{11}, 3^6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^7, 3^9, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^3, 3^{12}, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^{16}, 4^2, 12^4\})$	27648
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^2, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^8, 3^6, 4^2, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3^9, 4^2, 12^4\})$	12579840
12	$\mathcal{O}(1; \{3^{12}, 4^2, 12^4\})$	100666368
12	$\mathcal{O}(1; \{2^{13}, 4^4, 12^4\})$	110592
12	$\mathcal{O}(1; \{2^9, 3^3, 4^4, 12^4\})$	774144
12	$\mathcal{O}(1; \{2^5, 3^6, 4^4, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2, 3^9, 4^4, 12^4\})$	50319360
12	$\mathcal{O}(1; \{2^{10}, 4^6, 12^4\})$	442368
12	$\mathcal{O}(1; \{2^6, 3^3, 4^6, 12^4\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3^6, 4^6, 12^4\})$	25214976
12	$\mathcal{O}(1; \{2^7, 4^8, 12^4\})$	1769472
12	$\mathcal{O}(1; \{2^3, 3^3, 4^8, 12^4\})$	12386304
12	$\mathcal{O}(1; \{2^4, 4^{10}, 12^4\})$	7077888
12	$\mathcal{O}(1; \{3^3, 4^{10}, 12^4\})$	49545216
12	$\mathcal{O}(1; \{2, 4^{12}, 12^4\})$	28311552
12	$\mathcal{O}(1; \{2^{16}, 3, 6, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^{12}, 3^4, 6, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^8, 3^7, 6, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^4, 3^{10}, 6, 12^4\})$	12582144
12	$\mathcal{O}(1; \{3^{13}, 6, 12^4\})$	100664064
12	$\mathcal{O}(1; \{2^{13}, 3, 4^2, 6, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^9, 3^4, 4^2, 6, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^5, 3^7, 4^2, 6, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2, 3^{10}, 4^2, 6, 12^4\})$	50328576
12	$\mathcal{O}(1; \{2^{10}, 3, 4^4, 6, 12^4\})$	405504
12	$\mathcal{O}(1; \{2^6, 3^4, 4^4, 6, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^7, 4^4, 6, 12^4\})$	25178112
12	$\mathcal{O}(1; \{2^7, 3, 4^6, 6, 12^4\})$	1622016
12	$\mathcal{O}(1; \{2^3, 3^4, 4^6, 6, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2^4, 3, 4^8, 6, 12^4\})$	6488064
12	$\mathcal{O}(1; \{3^4, 4^8, 6, 12^4\})$	50135040
12	$\mathcal{O}(1; \{2, 3, 4^{10}, 6, 12^4\})$	25952256
12	$\mathcal{O}(1; \{2^{13}, 3^2, 6^2, 12^4\})$	99072

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^9, 3^5, 6^2, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^5, 3^8, 6^2, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2, 3^{11}, 6^2, 12^4\})$	50330880
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^2, 6^2, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^6, 3^5, 4^2, 6^2, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^8, 4^2, 6^2, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2^7, 3^2, 4^4, 6^2, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^5, 4^4, 6^2, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^4, 3^2, 4^6, 6^2, 12^4\})$	6340608
12	$\mathcal{O}(1; \{3^5, 4^6, 6^2, 12^4\})$	50282496
12	$\mathcal{O}(1; \{2, 3^2, 4^8, 6^2, 12^4\})$	25362432
12	$\mathcal{O}(1; \{2^{14}, 6^3, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^{10}, 3^3, 6^3, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^6, 3^6, 6^3, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^2, 3^9, 6^3, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^{11}, 4^2, 6^3, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^7, 3^3, 4^2, 6^3, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^6, 4^2, 6^3, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^8, 4^4, 6^3, 12^4\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^3, 4^4, 6^3, 12^4\})$	6303744
12	$\mathcal{O}(1; \{3^6, 4^4, 6^3, 12^4\})$	50319360
12	$\mathcal{O}(1; \{2^5, 4^6, 6^3, 12^4\})$	3096576
12	$\mathcal{O}(1; \{2, 3^3, 4^6, 6^3, 12^4\})$	25214976
12	$\mathcal{O}(1; \{2^2, 4^8, 6^3, 12^4\})$	12386304
12	$\mathcal{O}(1; \{2^{11}, 3, 6^4, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^7, 3^4, 6^4, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^3, 3^7, 6^4, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^8, 3, 4^2, 6^4, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^4, 4^2, 6^4, 12^4\})$	6294528
12	$\mathcal{O}(1; \{3^7, 4^2, 6^4, 12^4\})$	50328576
12	$\mathcal{O}(1; \{2^5, 3, 4^4, 6^4, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2, 3^4, 4^4, 6^4, 12^4\})$	25178112
12	$\mathcal{O}(1; \{2^2, 3, 4^6, 6^4, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2^8, 3^2, 6^5, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^4, 3^5, 6^5, 12^4\})$	6292224
12	$\mathcal{O}(1; \{3^8, 6^5, 12^4\})$	50330880
12	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 6^5, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2, 3^5, 4^2, 6^5, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 6^5, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^9, 6^6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^5, 3^3, 6^6, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2, 3^6, 6^6, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2^6, 4^2, 6^6, 12^4\})$	1575936

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6^6, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^3, 4^4, 6^6, 12^4\})$	6303744
12	$\mathcal{O}(1; \{4^6, 6^6, 12^4\})$	25214976
12	$\mathcal{O}(1; \{2^6, 3, 6^7, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^4, 6^7, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^7, 12^4\})$	6294528
12	$\mathcal{O}(1; \{3, 4^4, 6^7, 12^4\})$	25178112
12	$\mathcal{O}(1; \{2^3, 3^2, 6^8, 12^4\})$	6292224
12	$\mathcal{O}(1; \{3^2, 4^2, 6^8, 12^4\})$	25168896
12	$\mathcal{O}(1; \{2^4, 6^9, 12^4\})$	3144960
12	$\mathcal{O}(1; \{3^3, 6^9, 12^4\})$	25166592
12	$\mathcal{O}(1; \{2, 4^2, 6^9, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2, 3, 6^{10}, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^9, 3^5, 4, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3^8, 4, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2, 3^{11}, 4, 12^5\})$	100666368
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^3, 12^5\})$	774144
12	$\mathcal{O}(1; \{2^6, 3^5, 4^3, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^8, 4^3, 12^5\})$	50319360
12	$\mathcal{O}(1; \{2^7, 3^2, 4^5, 12^5\})$	3096576
12	$\mathcal{O}(1; \{2^3, 3^5, 4^5, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2^4, 3^2, 4^7, 12^5\})$	12386304
12	$\mathcal{O}(1; \{3^5, 4^7, 12^5\})$	100859904
12	$\mathcal{O}(1; \{2, 3^2, 4^9, 12^5\})$	49545216
12	$\mathcal{O}(1; \{2^{14}, 4, 6, 12^5\})$	101376
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4, 6, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^6, 3^6, 4, 6, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^2, 3^9, 4, 6, 12^5\})$	50328576
12	$\mathcal{O}(1; \{2^{11}, 4^3, 6, 12^5\})$	405504
12	$\mathcal{O}(1; \{2^7, 3^3, 4^3, 6, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3^6, 4^3, 6, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2^8, 4^5, 6, 12^5\})$	1622016
12	$\mathcal{O}(1; \{2^4, 3^3, 4^5, 6, 12^5\})$	12533760
12	$\mathcal{O}(1; \{3^6, 4^5, 6, 12^5\})$	100712448
12	$\mathcal{O}(1; \{2^5, 4^7, 6, 12^5\})$	6488064
12	$\mathcal{O}(1; \{2, 3^3, 4^7, 6, 12^5\})$	50135040
12	$\mathcal{O}(1; \{2^2, 4^9, 6, 12^5\})$	25952256
12	$\mathcal{O}(1; \{2^{11}, 3, 4, 6^2, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^7, 3^4, 4, 6^2, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3^7, 4, 6^2, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^8, 3, 4^3, 6^2, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3^4, 4^3, 6^2, 12^5\})$	12570624

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^7, 4^3, 6^2, 12^5\})$	100675584
12	$\mathcal{O}(1; \{2^5, 3, 4^5, 6^2, 12^5\})$	6340608
12	$\mathcal{O}(1; \{2, 3^4, 4^5, 6^2, 12^5\})$	50282496
12	$\mathcal{O}(1; \{2^2, 3, 4^7, 6^2, 12^5\})$	25362432
12	$\mathcal{O}(1; \{2^8, 3^2, 4, 6^3, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3^5, 4, 6^3, 12^5\})$	12579840
12	$\mathcal{O}(1; \{3^8, 4, 6^3, 12^5\})$	100666368
12	$\mathcal{O}(1; \{2^5, 3^2, 4^3, 6^3, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2, 3^5, 4^3, 6^3, 12^5\})$	50319360
12	$\mathcal{O}(1; \{2^2, 3^2, 4^5, 6^3, 12^5\})$	25214976
12	$\mathcal{O}(1; \{2^9, 4, 6^4, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^5, 3^3, 4, 6^4, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2, 3^6, 4, 6^4, 12^5\})$	50328576
12	$\mathcal{O}(1; \{2^6, 4^3, 6^4, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^3, 4^3, 6^4, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2^3, 4^5, 6^4, 12^5\})$	12533760
12	$\mathcal{O}(1; \{4^7, 6^4, 12^5\})$	50135040
12	$\mathcal{O}(1; \{2^6, 3, 4, 6^5, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^4, 4, 6^5, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^3, 3, 4^3, 6^5, 12^5\})$	12570624
12	$\mathcal{O}(1; \{3, 4^5, 6^5, 12^5\})$	50282496
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 6^6, 12^5\})$	12579840
12	$\mathcal{O}(1; \{3^2, 4^3, 6^6, 12^5\})$	50319360
12	$\mathcal{O}(1; \{2^4, 4, 6^7, 12^5\})$	6294528
12	$\mathcal{O}(1; \{3^3, 4, 6^7, 12^5\})$	50328576
12	$\mathcal{O}(1; \{2, 4^3, 6^7, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2, 3, 4, 6^8, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^{14}, 3, 12^6\})$	193536
12	$\mathcal{O}(1; \{2^{10}, 3^4, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^6, 3^7, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^2, 3^{10}, 12^6\})$	100666368
12	$\mathcal{O}(1; \{2^{11}, 3, 4^2, 12^6\})$	774144
12	$\mathcal{O}(1; \{2^7, 3^4, 4^2, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3^7, 4^2, 12^6\})$	50319360
12	$\mathcal{O}(1; \{2^8, 3, 4^4, 12^6\})$	3096576
12	$\mathcal{O}(1; \{2^4, 3^4, 4^4, 12^6\})$	25214976
12	$\mathcal{O}(1; \{3^7, 4^4, 12^6\})$	201277440
12	$\mathcal{O}(1; \{2^5, 3, 4^6, 12^6\})$	12386304
12	$\mathcal{O}(1; \{2, 3^4, 4^6, 12^6\})$	100859904
12	$\mathcal{O}(1; \{2^2, 3, 4^8, 12^6\})$	49545216
12	$\mathcal{O}(1; \{2^{11}, 3^2, 6, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^7, 3^5, 6, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^3, 3^8, 6, 12^6\})$	50328576

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^8, 3^2, 4^2, 6, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3^5, 4^2, 6, 12^6\})$	25178112
12	$\mathcal{O}(1; \{3^8, 4^2, 6, 12^6\})$	201314304
12	$\mathcal{O}(1; \{2^5, 3^2, 4^4, 6, 12^6\})$	12533760
12	$\mathcal{O}(1; \{2, 3^5, 4^4, 6, 12^6\})$	100712448
12	$\mathcal{O}(1; \{2^2, 3^2, 4^6, 6, 12^6\})$	50135040
12	$\mathcal{O}(1; \{2^{12}, 6^2, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^8, 3^3, 6^2, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^4, 3^6, 6^2, 12^6\})$	25168896
12	$\mathcal{O}(1; \{3^9, 6^2, 12^6\})$	201323520
12	$\mathcal{O}(1; \{2^9, 4^2, 6^2, 12^6\})$	1585152
12	$\mathcal{O}(1; \{2^5, 3^3, 4^2, 6^2, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2, 3^6, 4^2, 6^2, 12^6\})$	100675584
12	$\mathcal{O}(1; \{2^6, 4^4, 6^2, 12^6\})$	6340608
12	$\mathcal{O}(1; \{2^2, 3^3, 4^4, 6^2, 12^6\})$	50282496
12	$\mathcal{O}(1; \{2^3, 4^6, 6^2, 12^6\})$	25362432
12	$\mathcal{O}(1; \{4^8, 6^2, 12^6\})$	101449728
12	$\mathcal{O}(1; \{2^9, 3, 6^3, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3^4, 6^3, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2, 3^7, 6^3, 12^6\})$	100666368
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 6^3, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 6^3, 12^6\})$	50319360
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 6^3, 12^6\})$	25214976
12	$\mathcal{O}(1; \{3, 4^6, 6^3, 12^6\})$	100859904
12	$\mathcal{O}(1; \{2^6, 3^2, 6^4, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^2, 3^5, 6^4, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6^4, 12^6\})$	25178112
12	$\mathcal{O}(1; \{3^2, 4^4, 6^4, 12^6\})$	100712448
12	$\mathcal{O}(1; \{2^7, 6^5, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3^3, 6^5, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^4, 4^2, 6^5, 12^6\})$	12570624
12	$\mathcal{O}(1; \{3^3, 4^2, 6^5, 12^6\})$	100675584
12	$\mathcal{O}(1; \{2, 4^4, 6^5, 12^6\})$	50282496
12	$\mathcal{O}(1; \{2^4, 3, 6^6, 12^6\})$	12579840
12	$\mathcal{O}(1; \{3^4, 6^6, 12^6\})$	100666368
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^6, 12^6\})$	50319360
12	$\mathcal{O}(1; \{2, 3^2, 6^7, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^2, 6^8, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^{12}, 4, 12^7\})$	774144
12	$\mathcal{O}(1; \{2^8, 3^3, 4, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2^4, 3^6, 4, 12^7\})$	50319360
12	$\mathcal{O}(1; \{3^9, 4, 12^7\})$	402665472
12	$\mathcal{O}(1; \{2^9, 4^3, 12^7\})$	3096576

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^5, 3^3, 4^3, 12^7\})$	25214976
12	$\mathcal{O}(1; \{2, 3^6, 4^3, 12^7\})$	201277440
12	$\mathcal{O}(1; \{2^6, 4^5, 12^7\})$	12386304
12	$\mathcal{O}(1; \{2^2, 3^3, 4^5, 12^7\})$	100859904
12	$\mathcal{O}(1; \{2^3, 4^7, 12^7\})$	49545216
12	$\mathcal{O}(1; \{4^9, 12^7\})$	198180864
12	$\mathcal{O}(1; \{2^9, 3, 4, 6, 12^7\})$	3133440
12	$\mathcal{O}(1; \{2^5, 3^4, 4, 6, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2, 3^7, 4, 6, 12^7\})$	201314304
12	$\mathcal{O}(1; \{2^6, 3, 4^3, 6, 12^7\})$	12533760
12	$\mathcal{O}(1; \{2^2, 3^4, 4^3, 6, 12^7\})$	100712448
12	$\mathcal{O}(1; \{2^3, 3, 4^5, 6, 12^7\})$	50135040
12	$\mathcal{O}(1; \{3, 4^7, 6, 12^7\})$	200540160
12	$\mathcal{O}(1; \{2^6, 3^2, 4, 6^2, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3^5, 4, 6^2, 12^7\})$	100675584
12	$\mathcal{O}(1; \{2^3, 3^2, 4^3, 6^2, 12^7\})$	50282496
12	$\mathcal{O}(1; \{3^2, 4^5, 6^2, 12^7\})$	201129984
12	$\mathcal{O}(1; \{2^7, 4, 6^3, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3^3, 4, 6^3, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^4, 4^3, 6^3, 12^7\})$	25214976
12	$\mathcal{O}(1; \{3^3, 4^3, 6^3, 12^7\})$	201277440
12	$\mathcal{O}(1; \{2, 4^5, 6^3, 12^7\})$	100859904
12	$\mathcal{O}(1; \{2^4, 3, 4, 6^4, 12^7\})$	25178112
12	$\mathcal{O}(1; \{3^4, 4, 6^4, 12^7\})$	201314304
12	$\mathcal{O}(1; \{2, 3, 4^3, 6^4, 12^7\})$	100712448
12	$\mathcal{O}(1; \{2, 3^2, 4, 6^5, 12^7\})$	100675584
12	$\mathcal{O}(1; \{2^2, 4, 6^6, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^9, 3^2, 12^8\})$	6303744
12	$\mathcal{O}(1; \{2^5, 3^5, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2, 3^8, 12^8\})$	402665472
12	$\mathcal{O}(1; \{2^6, 3^2, 4^2, 12^8\})$	25214976
12	$\mathcal{O}(1; \{2^2, 3^5, 4^2, 12^8\})$	201277440
12	$\mathcal{O}(1; \{2^3, 3^2, 4^4, 12^8\})$	100859904
12	$\mathcal{O}(1; \{3^2, 4^6, 12^8\})$	403439616
12	$\mathcal{O}(1; \{2^{10}, 6, 12^8\})$	3133440
12	$\mathcal{O}(1; \{2^6, 3^3, 6, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2^2, 3^6, 6, 12^8\})$	201314304
12	$\mathcal{O}(1; \{2^7, 4^2, 6, 12^8\})$	12533760
12	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 6, 12^8\})$	100712448
12	$\mathcal{O}(1; \{2^4, 4^4, 6, 12^8\})$	50135040
12	$\mathcal{O}(1; \{3^3, 4^4, 6, 12^8\})$	402849792
12	$\mathcal{O}(1; \{2, 4^6, 6, 12^8\})$	200540160
12	$\mathcal{O}(1; \{2^7, 3, 6^2, 12^8\})$	12570624

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3^4, 6^2, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 6^2, 12^8\})$	50282496
12	$\mathcal{O}(1; \{3^4, 4^2, 6^2, 12^8\})$	402702336
12	$\mathcal{O}(1; \{2, 3, 4^4, 6^2, 12^8\})$	201129984
12	$\mathcal{O}(1; \{2^4, 3^2, 6^3, 12^8\})$	50319360
12	$\mathcal{O}(1; \{3^5, 6^3, 12^8\})$	402665472
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^3, 12^8\})$	201277440
12	$\mathcal{O}(1; \{2^5, 6^4, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2, 3^3, 6^4, 12^8\})$	201314304
12	$\mathcal{O}(1; \{2^2, 4^2, 6^4, 12^8\})$	100712448
12	$\mathcal{O}(1; \{2^2, 3, 6^5, 12^8\})$	100675584
12	$\mathcal{O}(1; \{6^7, 12^8\})$	201314304
12	$\mathcal{O}(1; \{2^7, 3, 4, 12^9\})$	25214976
12	$\mathcal{O}(1; \{2^3, 3^4, 4, 12^9\})$	201277440
12	$\mathcal{O}(1; \{2^4, 3, 4^3, 12^9\})$	100859904
12	$\mathcal{O}(1; \{3^4, 4^3, 12^9\})$	805109760
12	$\mathcal{O}(1; \{2, 3, 4^5, 12^9\})$	403439616
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 6, 12^9\})$	100712448
12	$\mathcal{O}(1; \{3^5, 4, 6, 12^9\})$	805257216
12	$\mathcal{O}(1; \{2, 3^2, 4^3, 6, 12^9\})$	402849792
12	$\mathcal{O}(1; \{2^5, 4, 6^2, 12^9\})$	50282496
12	$\mathcal{O}(1; \{2, 3^3, 4, 6^2, 12^9\})$	402702336
12	$\mathcal{O}(1; \{2^2, 4^3, 6^2, 12^9\})$	201129984
12	$\mathcal{O}(1; \{2^2, 3, 4, 6^3, 12^9\})$	201277440
12	$\mathcal{O}(1; \{4, 6^5, 12^9\})$	402702336
12	$\mathcal{O}(1; \{2^8, 12^{10}\})$	25214976
12	$\mathcal{O}(1; \{2^4, 3^3, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{3^6, 12^{10}\})$	1610661888
12	$\mathcal{O}(1; \{2^5, 4^2, 12^{10}\})$	100859904
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 12^{10}\})$	805109760
12	$\mathcal{O}(1; \{2^2, 4^4, 12^{10}\})$	403439616
12	$\mathcal{O}(1; \{2^5, 3, 6, 12^{10}\})$	100712448
12	$\mathcal{O}(1; \{2, 3^4, 6, 12^{10}\})$	805257216
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6, 12^{10}\})$	402849792
12	$\mathcal{O}(1; \{2^2, 3^2, 6^2, 12^{10}\})$	402702336
12	$\mathcal{O}(1; \{2^3, 6^3, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{4^2, 6^3, 12^{10}\})$	805109760
12	$\mathcal{O}(1; \{3, 6^4, 12^{10}\})$	805257216
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 12^{11}\})$	805109760
12	$\mathcal{O}(1; \{2^3, 4, 6, 12^{11}\})$	402849792
12	$\mathcal{O}(1; \{4^3, 6, 12^{11}\})$	1611399168
12	$\mathcal{O}(1; \{3, 4, 6^2, 12^{11}\})$	1610809344
12	$\mathcal{O}(1; \{2^3, 3, 12^{12}\})$	805109760

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3, 4^2, 12^{12}\})$	3220439040
12	$\mathcal{O}(1; \{3^2, 6, 12^{12}\})$	3221028864
12	$\mathcal{O}(1; \{2, 6^2, 12^{12}\})$	1610809344
12	$\mathcal{O}(1; \{2, 4, 12^{13}\})$	3220439040
12	$\mathcal{O}(0; \{2^{22}, 3^4, 4^2\})$	12
12	$\mathcal{O}(0; \{2^{18}, 3^7, 4^2\})$	84
12	$\mathcal{O}(0; \{2^{14}, 3^{10}, 4^2\})$	684
12	$\mathcal{O}(0; \{2^{10}, 3^{13}, 4^2\})$	5460
12	$\mathcal{O}(0; \{2^6, 3^{16}, 4^2\})$	43692
12	$\mathcal{O}(0; \{2^2, 3^{19}, 4^2\})$	349524
12	$\mathcal{O}(0; \{2^{19}, 3^4, 4^4\})$	48
12	$\mathcal{O}(0; \{2^{15}, 3^7, 4^4\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^{10}, 4^4\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^{13}, 4^4\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{16}, 4^4\})$	174768
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4^6\})$	192
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4^6\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4^6\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4^6\})$	87360
12	$\mathcal{O}(0; \{3^{16}, 4^6\})$	699072
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^8\})$	768
12	$\mathcal{O}(0; \{2^9, 3^7, 4^8\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^8\})$	43776
12	$\mathcal{O}(0; \{2, 3^{13}, 4^8\})$	349440
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^{10}\})$	3072
12	$\mathcal{O}(0; \{2^6, 3^7, 4^{10}\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^{10}\})$	175104
12	$\mathcal{O}(0; \{2^7, 3^4, 4^{12}\})$	12288
12	$\mathcal{O}(0; \{2^3, 3^7, 4^{12}\})$	86016
12	$\mathcal{O}(0; \{2^4, 3^4, 4^{14}\})$	49152
12	$\mathcal{O}(0; \{3^7, 4^{14}\})$	344064
12	$\mathcal{O}(0; \{2, 3^4, 4^{16}\})$	196608
12	$\mathcal{O}(0; \{2^{23}, 3^2, 4^2, 6\})$	4
12	$\mathcal{O}(0; \{2^{19}, 3^5, 4^2, 6\})$	44
12	$\mathcal{O}(0; \{2^{15}, 3^8, 4^2, 6\})$	340
12	$\mathcal{O}(0; \{2^{11}, 3^{11}, 4^2, 6\})$	2732
12	$\mathcal{O}(0; \{2^7, 3^{14}, 4^2, 6\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^{17}, 4^2, 6\})$	174764
12	$\mathcal{O}(0; \{2^{20}, 3^2, 4^4, 6\})$	16
12	$\mathcal{O}(0; \{2^{16}, 3^5, 4^4, 6\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^8, 4^4, 6\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^{11}, 4^4, 6\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^{14}, 4^4, 6\})$	87376

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^{17}, 4^4, 6\})$	699056
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^6, 6\})$	64
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^6, 6\})$	704
12	$\mathcal{O}(0; \{2^9, 3^8, 4^6, 6\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^6, 6\})$	43712
12	$\mathcal{O}(0; \{2, 3^{14}, 4^6, 6\})$	349504
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^8, 6\})$	256
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^8, 6\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^8, 4^8, 6\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^8, 6\})$	174848
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^{10}, 6\})$	1024
12	$\mathcal{O}(0; \{2^7, 3^5, 4^{10}, 6\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^8, 4^{10}, 6\})$	87040
12	$\mathcal{O}(0; \{2^8, 3^2, 4^{12}, 6\})$	4096
12	$\mathcal{O}(0; \{2^4, 3^5, 4^{12}, 6\})$	45056
12	$\mathcal{O}(0; \{3^8, 4^{12}, 6\})$	348160
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{14}, 6\})$	16384
12	$\mathcal{O}(0; \{2, 3^5, 4^{14}, 6\})$	180224
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{16}, 6\})$	65536
12	$\mathcal{O}(0; \{2^{24}, 4^2, 6^2\})$	4
12	$\mathcal{O}(0; \{2^{20}, 3^3, 4^2, 6^2\})$	20
12	$\mathcal{O}(0; \{2^{16}, 3^6, 4^2, 6^2\})$	172
12	$\mathcal{O}(0; \{2^{12}, 3^9, 4^2, 6^2\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^{12}, 4^2, 6^2\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^{15}, 4^2, 6^2\})$	87380
12	$\mathcal{O}(0; \{3^{18}, 4^2, 6^2\})$	699052
12	$\mathcal{O}(0; \{2^{21}, 4^4, 6^2\})$	16
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4^4, 6^2\})$	80
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4^4, 6^2\})$	688
12	$\mathcal{O}(0; \{2^9, 3^9, 4^4, 6^2\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4^4, 6^2\})$	43696
12	$\mathcal{O}(0; \{2, 3^{15}, 4^4, 6^2\})$	349520
12	$\mathcal{O}(0; \{2^{18}, 4^6, 6^2\})$	64
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^6, 6^2\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^6, 6^2\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^9, 4^6, 6^2\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^6, 6^2\})$	174784
12	$\mathcal{O}(0; \{2^{15}, 4^8, 6^2\})$	256
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^8, 6^2\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^6, 4^8, 6^2\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^9, 4^8, 6^2\})$	87296
12	$\mathcal{O}(0; \{2^{12}, 4^{10}, 6^2\})$	1024
12	$\mathcal{O}(0; \{2^8, 3^3, 4^{10}, 6^2\})$	5120

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^6, 4^{10}, 6^2\})$	44032
12	$\mathcal{O}(0; \{3^9, 4^{10}, 6^2\})$	349184
12	$\mathcal{O}(0; \{2^9, 4^{12}, 6^2\})$	4096
12	$\mathcal{O}(0; \{2^5, 3^3, 4^{12}, 6^2\})$	20480
12	$\mathcal{O}(0; \{2, 3^6, 4^{12}, 6^2\})$	176128
12	$\mathcal{O}(0; \{2^6, 4^{14}, 6^2\})$	16384
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{14}, 6^2\})$	81920
12	$\mathcal{O}(0; \{2^3, 4^{16}, 6^2\})$	65536
12	$\mathcal{O}(0; \{4^{18}, 6^2\})$	262144
12	$\mathcal{O}(0; \{2^{21}, 3, 4^2, 6^3\})$	12
12	$\mathcal{O}(0; \{2^{17}, 3^4, 4^2, 6^3\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^7, 4^2, 6^3\})$	684
12	$\mathcal{O}(0; \{2^9, 3^{10}, 4^2, 6^3\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^{13}, 4^2, 6^3\})$	43692
12	$\mathcal{O}(0; \{2, 3^{16}, 4^2, 6^3\})$	349524
12	$\mathcal{O}(0; \{2^{18}, 3, 4^4, 6^3\})$	48
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^4, 6^3\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^4, 6^3\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^4, 6^3\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^4, 6^3\})$	174768
12	$\mathcal{O}(0; \{2^{15}, 3, 4^6, 6^3\})$	192
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^6, 6^3\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^7, 4^6, 6^3\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^6, 6^3\})$	87360
12	$\mathcal{O}(0; \{2^{12}, 3, 4^8, 6^3\})$	768
12	$\mathcal{O}(0; \{2^8, 3^4, 4^8, 6^3\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^7, 4^8, 6^3\})$	43776
12	$\mathcal{O}(0; \{3^{10}, 4^8, 6^3\})$	349440
12	$\mathcal{O}(0; \{2^9, 3, 4^{10}, 6^3\})$	3072
12	$\mathcal{O}(0; \{2^5, 3^4, 4^{10}, 6^3\})$	21504
12	$\mathcal{O}(0; \{2, 3^7, 4^{10}, 6^3\})$	175104
12	$\mathcal{O}(0; \{2^6, 3, 4^{12}, 6^3\})$	12288
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{12}, 6^3\})$	86016
12	$\mathcal{O}(0; \{2^3, 3, 4^{14}, 6^3\})$	49152
12	$\mathcal{O}(0; \{3, 4^{16}, 6^3\})$	196608
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4^2, 6^4\})$	44
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4^2, 6^4\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4^2, 6^4\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4^2, 6^4\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4^2, 6^4\})$	174764
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^4, 6^4\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^4, 6^4\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^8, 4^4, 6^4\})$	10928

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^4, 6^4\})$	87376
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^6, 6^4\})$	704
12	$\mathcal{O}(0; \{2^8, 3^5, 4^6, 6^4\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^8, 4^6, 6^4\})$	43712
12	$\mathcal{O}(0; \{3^{11}, 4^6, 6^4\})$	349504
12	$\mathcal{O}(0; \{2^9, 3^2, 4^8, 6^4\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^5, 4^8, 6^4\})$	21760
12	$\mathcal{O}(0; \{2, 3^8, 4^8, 6^4\})$	174848
12	$\mathcal{O}(0; \{2^6, 3^2, 4^{10}, 6^4\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^5, 4^{10}, 6^4\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{12}, 6^4\})$	45056
12	$\mathcal{O}(0; \{3^2, 4^{14}, 6^4\})$	180224
12	$\mathcal{O}(0; \{2^{19}, 4^2, 6^5\})$	20
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^2, 6^5\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^2, 6^5\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^9, 4^2, 6^5\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^2, 6^5\})$	87380
12	$\mathcal{O}(0; \{2^{16}, 4^4, 6^5\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^4, 6^5\})$	688
12	$\mathcal{O}(0; \{2^8, 3^6, 4^4, 6^5\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^9, 4^4, 6^5\})$	43696
12	$\mathcal{O}(0; \{3^{12}, 4^4, 6^5\})$	349520
12	$\mathcal{O}(0; \{2^{13}, 4^6, 6^5\})$	320
12	$\mathcal{O}(0; \{2^9, 3^3, 4^6, 6^5\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^6, 4^6, 6^5\})$	21824
12	$\mathcal{O}(0; \{2, 3^9, 4^6, 6^5\})$	174784
12	$\mathcal{O}(0; \{2^{10}, 4^8, 6^5\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^3, 4^8, 6^5\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^6, 4^8, 6^5\})$	87296
12	$\mathcal{O}(0; \{2^7, 4^{10}, 6^5\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{10}, 6^5\})$	44032
12	$\mathcal{O}(0; \{2^4, 4^{12}, 6^5\})$	20480
12	$\mathcal{O}(0; \{3^3, 4^{12}, 6^5\})$	176128
12	$\mathcal{O}(0; \{2, 4^{14}, 6^5\})$	81920
12	$\mathcal{O}(0; \{2^{16}, 3, 4^2, 6^6\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^2, 6^6\})$	684
12	$\mathcal{O}(0; \{2^8, 3^7, 4^2, 6^6\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^2, 6^6\})$	43692
12	$\mathcal{O}(0; \{3^{13}, 4^2, 6^6\})$	349524
12	$\mathcal{O}(0; \{2^{13}, 3, 4^4, 6^6\})$	336
12	$\mathcal{O}(0; \{2^9, 3^4, 4^4, 6^6\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^7, 4^4, 6^6\})$	21840
12	$\mathcal{O}(0; \{2, 3^{10}, 4^4, 6^6\})$	174768

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{10}, 3, 4^6, 6^6\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^4, 4^6, 6^6\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^7, 4^6, 6^6\})$	87360
12	$\mathcal{O}(0; \{2^7, 3, 4^8, 6^6\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^4, 4^8, 6^6\})$	43776
12	$\mathcal{O}(0; \{2^4, 3, 4^{10}, 6^6\})$	21504
12	$\mathcal{O}(0; \{3^4, 4^{10}, 6^6\})$	175104
12	$\mathcal{O}(0; \{2, 3, 4^{12}, 6^6\})$	86016
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^2, 6^7\})$	340
12	$\mathcal{O}(0; \{2^9, 3^5, 4^2, 6^7\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^8, 4^2, 6^7\})$	21844
12	$\mathcal{O}(0; \{2, 3^{11}, 4^2, 6^7\})$	174764
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^4, 6^7\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^5, 4^4, 6^7\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^8, 4^4, 6^7\})$	87376
12	$\mathcal{O}(0; \{2^7, 3^2, 4^6, 6^7\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^5, 4^6, 6^7\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^2, 4^8, 6^7\})$	21760
12	$\mathcal{O}(0; \{3^5, 4^8, 6^7\})$	174848
12	$\mathcal{O}(0; \{2, 3^2, 4^{10}, 6^7\})$	87040
12	$\mathcal{O}(0; \{2^{14}, 4^2, 6^8\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^2, 6^8\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^6, 4^2, 6^8\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^9, 4^2, 6^8\})$	87380
12	$\mathcal{O}(0; \{2^{11}, 4^4, 6^8\})$	688
12	$\mathcal{O}(0; \{2^7, 3^3, 4^4, 6^8\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^6, 4^4, 6^8\})$	43696
12	$\mathcal{O}(0; \{2^8, 4^6, 6^8\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^3, 4^6, 6^8\})$	21824
12	$\mathcal{O}(0; \{3^6, 4^6, 6^8\})$	174784
12	$\mathcal{O}(0; \{2^5, 4^8, 6^8\})$	11008
12	$\mathcal{O}(0; \{2, 3^3, 4^8, 6^8\})$	87296
12	$\mathcal{O}(0; \{2^2, 4^{10}, 6^8\})$	44032
12	$\mathcal{O}(0; \{2^{11}, 3, 4^2, 6^9\})$	684
12	$\mathcal{O}(0; \{2^7, 3^4, 4^2, 6^9\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^7, 4^2, 6^9\})$	43692
12	$\mathcal{O}(0; \{2^8, 3, 4^4, 6^9\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^4, 4^4, 6^9\})$	21840
12	$\mathcal{O}(0; \{3^7, 4^4, 6^9\})$	174768
12	$\mathcal{O}(0; \{2^5, 3, 4^6, 6^9\})$	10944
12	$\mathcal{O}(0; \{2, 3^4, 4^6, 6^9\})$	87360
12	$\mathcal{O}(0; \{2^2, 3, 4^8, 6^9\})$	43776
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 6^{10}\})$	2732

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 6^{10}\})$	21844
12	$\mathcal{O}(0; \{3^8, 4^2, 6^{10}\})$	174764
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 6^{10}\})$	10928
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 6^{10}\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 6^{10}\})$	43712
12	$\mathcal{O}(0; \{2^9, 4^2, 6^{11}\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6^{11}\})$	10924
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6^{11}\})$	87380
12	$\mathcal{O}(0; \{2^6, 4^4, 6^{11}\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6^{11}\})$	43696
12	$\mathcal{O}(0; \{2^3, 4^6, 6^{11}\})$	21824
12	$\mathcal{O}(0; \{4^8, 6^{11}\})$	87296
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^{12}\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^{12}\})$	43692
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^{12}\})$	21840
12	$\mathcal{O}(0; \{3, 4^6, 6^{12}\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^{13}\})$	21844
12	$\mathcal{O}(0; \{3^2, 4^4, 6^{13}\})$	87376
12	$\mathcal{O}(0; \{2^4, 4^2, 6^{14}\})$	10924
12	$\mathcal{O}(0; \{3^3, 4^2, 6^{14}\})$	87380
12	$\mathcal{O}(0; \{2, 4^4, 6^{14}\})$	43696
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^{15}\})$	43692
12	$\mathcal{O}(0; \{2^{23}, 3^3, 4, 12\})$	12
12	$\mathcal{O}(0; \{2^{19}, 3^6, 4, 12\})$	84
12	$\mathcal{O}(0; \{2^{15}, 3^9, 4, 12\})$	684
12	$\mathcal{O}(0; \{2^{11}, 3^{12}, 4, 12\})$	5460
12	$\mathcal{O}(0; \{2^7, 3^{15}, 4, 12\})$	43692
12	$\mathcal{O}(0; \{2^3, 3^{18}, 4, 12\})$	349524
12	$\mathcal{O}(0; \{2^{20}, 3^3, 4^3, 12\})$	48
12	$\mathcal{O}(0; \{2^{16}, 3^6, 4^3, 12\})$	336
12	$\mathcal{O}(0; \{2^{12}, 3^9, 4^3, 12\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^{12}, 4^3, 12\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^{15}, 4^3, 12\})$	174768
12	$\mathcal{O}(0; \{3^{18}, 4^3, 12\})$	1398096
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4^5, 12\})$	192
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4^5, 12\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^9, 4^5, 12\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4^5, 12\})$	87360
12	$\mathcal{O}(0; \{2, 3^{15}, 4^5, 12\})$	699072
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^7, 12\})$	768
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^7, 12\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^9, 4^7, 12\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^7, 12\})$	349440

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^9, 12\})$	3072
12	$\mathcal{O}(0; \{2^7, 3^6, 4^9, 12\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^9, 4^9, 12\})$	175104
12	$\mathcal{O}(0; \{2^8, 3^3, 4^{11}, 12\})$	12288
12	$\mathcal{O}(0; \{2^4, 3^6, 4^{11}, 12\})$	86016
12	$\mathcal{O}(0; \{3^9, 4^{11}, 12\})$	700416
12	$\mathcal{O}(0; \{2^5, 3^3, 4^{13}, 12\})$	49152
12	$\mathcal{O}(0; \{2, 3^6, 4^{13}, 12\})$	344064
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{15}, 12\})$	196608
12	$\mathcal{O}(0; \{2^{24}, 3, 4, 6, 12\})$	4
12	$\mathcal{O}(0; \{2^{20}, 3^4, 4, 6, 12\})$	44
12	$\mathcal{O}(0; \{2^{16}, 3^7, 4, 6, 12\})$	340
12	$\mathcal{O}(0; \{2^{12}, 3^{10}, 4, 6, 12\})$	2732
12	$\mathcal{O}(0; \{2^8, 3^{13}, 4, 6, 12\})$	21844
12	$\mathcal{O}(0; \{2^4, 3^{16}, 4, 6, 12\})$	174764
12	$\mathcal{O}(0; \{3^{19}, 4, 6, 12\})$	1398100
12	$\mathcal{O}(0; \{2^{21}, 3, 4^3, 6, 12\})$	16
12	$\mathcal{O}(0; \{2^{17}, 3^4, 4^3, 6, 12\})$	176
12	$\mathcal{O}(0; \{2^{13}, 3^7, 4^3, 6, 12\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^{10}, 4^3, 6, 12\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^{13}, 4^3, 6, 12\})$	87376
12	$\mathcal{O}(0; \{2, 3^{16}, 4^3, 6, 12\})$	699056
12	$\mathcal{O}(0; \{2^{18}, 3, 4^5, 6, 12\})$	64
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^5, 6, 12\})$	704
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^5, 6, 12\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^5, 6, 12\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^5, 6, 12\})$	349504
12	$\mathcal{O}(0; \{2^{15}, 3, 4^7, 6, 12\})$	256
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^7, 6, 12\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^7, 4^7, 6, 12\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^7, 6, 12\})$	174848
12	$\mathcal{O}(0; \{2^{12}, 3, 4^9, 6, 12\})$	1024
12	$\mathcal{O}(0; \{2^8, 3^4, 4^9, 6, 12\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^7, 4^9, 6, 12\})$	87040
12	$\mathcal{O}(0; \{3^{10}, 4^9, 6, 12\})$	699392
12	$\mathcal{O}(0; \{2^9, 3, 4^{11}, 6, 12\})$	4096
12	$\mathcal{O}(0; \{2^5, 3^4, 4^{11}, 6, 12\})$	45056
12	$\mathcal{O}(0; \{2, 3^7, 4^{11}, 6, 12\})$	348160
12	$\mathcal{O}(0; \{2^6, 3, 4^{13}, 6, 12\})$	16384
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{13}, 6, 12\})$	180224
12	$\mathcal{O}(0; \{2^3, 3, 4^{15}, 6, 12\})$	65536
12	$\mathcal{O}(0; \{3, 4^{17}, 6, 12\})$	262144
12	$\mathcal{O}(0; \{2^{21}, 3^2, 4, 6^2, 12\})$	20

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{17}, 3^5, 4, 6^2, 12\})$	172
12	$\mathcal{O}(0; \{2^{13}, 3^8, 4, 6^2, 12\})$	1364
12	$\mathcal{O}(0; \{2^9, 3^{11}, 4, 6^2, 12\})$	10924
12	$\mathcal{O}(0; \{2^5, 3^{14}, 4, 6^2, 12\})$	87380
12	$\mathcal{O}(0; \{2, 3^{17}, 4, 6^2, 12\})$	699052
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4^3, 6^2, 12\})$	80
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4^3, 6^2, 12\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4^3, 6^2, 12\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4^3, 6^2, 12\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4^3, 6^2, 12\})$	349520
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^5, 6^2, 12\})$	320
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^5, 6^2, 12\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^8, 4^5, 6^2, 12\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^5, 6^2, 12\})$	174784
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^7, 6^2, 12\})$	1280
12	$\mathcal{O}(0; \{2^8, 3^5, 4^7, 6^2, 12\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^8, 4^7, 6^2, 12\})$	87296
12	$\mathcal{O}(0; \{3^{11}, 4^7, 6^2, 12\})$	699136
12	$\mathcal{O}(0; \{2^9, 3^2, 4^9, 6^2, 12\})$	5120
12	$\mathcal{O}(0; \{2^5, 3^5, 4^9, 6^2, 12\})$	44032
12	$\mathcal{O}(0; \{2, 3^8, 4^9, 6^2, 12\})$	349184
12	$\mathcal{O}(0; \{2^6, 3^2, 4^{11}, 6^2, 12\})$	20480
12	$\mathcal{O}(0; \{2^2, 3^5, 4^{11}, 6^2, 12\})$	176128
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{13}, 6^2, 12\})$	81920
12	$\mathcal{O}(0; \{3^2, 4^{15}, 6^2, 12\})$	327680
12	$\mathcal{O}(0; \{2^{22}, 4, 6^3, 12\})$	12
12	$\mathcal{O}(0; \{2^{18}, 3^3, 4, 6^3, 12\})$	84
12	$\mathcal{O}(0; \{2^{14}, 3^6, 4, 6^3, 12\})$	684
12	$\mathcal{O}(0; \{2^{10}, 3^9, 4, 6^3, 12\})$	5460
12	$\mathcal{O}(0; \{2^6, 3^{12}, 4, 6^3, 12\})$	43692
12	$\mathcal{O}(0; \{2^2, 3^{15}, 4, 6^3, 12\})$	349524
12	$\mathcal{O}(0; \{2^{19}, 4^3, 6^3, 12\})$	48
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^3, 6^3, 12\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^3, 6^3, 12\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^9, 4^3, 6^3, 12\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^3, 6^3, 12\})$	174768
12	$\mathcal{O}(0; \{2^{16}, 4^5, 6^3, 12\})$	192
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^5, 6^3, 12\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^6, 4^5, 6^3, 12\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^9, 4^5, 6^3, 12\})$	87360
12	$\mathcal{O}(0; \{3^{12}, 4^5, 6^3, 12\})$	699072
12	$\mathcal{O}(0; \{2^{13}, 4^7, 6^3, 12\})$	768
12	$\mathcal{O}(0; \{2^9, 3^3, 4^7, 6^3, 12\})$	5376

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^6, 4^7, 6^3, 12\})$	43776
12	$\mathcal{O}(0; \{2, 3^9, 4^7, 6^3, 12\})$	349440
12	$\mathcal{O}(0; \{2^{10}, 4^9, 6^3, 12\})$	3072
12	$\mathcal{O}(0; \{2^6, 3^3, 4^9, 6^3, 12\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^6, 4^9, 6^3, 12\})$	175104
12	$\mathcal{O}(0; \{2^7, 4^{11}, 6^3, 12\})$	12288
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{11}, 6^3, 12\})$	86016
12	$\mathcal{O}(0; \{2^4, 4^{13}, 6^3, 12\})$	49152
12	$\mathcal{O}(0; \{3^3, 4^{13}, 6^3, 12\})$	344064
12	$\mathcal{O}(0; \{2, 4^{15}, 6^3, 12\})$	196608
12	$\mathcal{O}(0; \{2^{19}, 3, 4, 6^4, 12\})$	44
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4, 6^4, 12\})$	340
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4, 6^4, 12\})$	2732
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4, 6^4, 12\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4, 6^4, 12\})$	174764
12	$\mathcal{O}(0; \{2^{16}, 3, 4^3, 6^4, 12\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^3, 6^4, 12\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^7, 4^3, 6^4, 12\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^3, 6^4, 12\})$	87376
12	$\mathcal{O}(0; \{3^{13}, 4^3, 6^4, 12\})$	699056
12	$\mathcal{O}(0; \{2^{13}, 3, 4^5, 6^4, 12\})$	704
12	$\mathcal{O}(0; \{2^9, 3^4, 4^5, 6^4, 12\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^7, 4^5, 6^4, 12\})$	43712
12	$\mathcal{O}(0; \{2, 3^{10}, 4^5, 6^4, 12\})$	349504
12	$\mathcal{O}(0; \{2^{10}, 3, 4^7, 6^4, 12\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^4, 4^7, 6^4, 12\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^7, 4^7, 6^4, 12\})$	174848
12	$\mathcal{O}(0; \{2^7, 3, 4^9, 6^4, 12\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^4, 4^9, 6^4, 12\})$	87040
12	$\mathcal{O}(0; \{2^4, 3, 4^{11}, 6^4, 12\})$	45056
12	$\mathcal{O}(0; \{3^4, 4^{11}, 6^4, 12\})$	348160
12	$\mathcal{O}(0; \{2, 3, 4^{13}, 6^4, 12\})$	180224
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4, 6^5, 12\})$	172
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4, 6^5, 12\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^8, 4, 6^5, 12\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4, 6^5, 12\})$	87380
12	$\mathcal{O}(0; \{3^{14}, 4, 6^5, 12\})$	699052
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^3, 6^5, 12\})$	688
12	$\mathcal{O}(0; \{2^9, 3^5, 4^3, 6^5, 12\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^8, 4^3, 6^5, 12\})$	43696
12	$\mathcal{O}(0; \{2, 3^{11}, 4^3, 6^5, 12\})$	349520
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^5, 6^5, 12\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^5, 4^5, 6^5, 12\})$	21824

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^8, 4^5, 6^5, 12\})$	174784
12	$\mathcal{O}(0; \{2^7, 3^2, 4^7, 6^5, 12\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^5, 4^7, 6^5, 12\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^2, 4^9, 6^5, 12\})$	44032
12	$\mathcal{O}(0; \{3^5, 4^9, 6^5, 12\})$	349184
12	$\mathcal{O}(0; \{2, 3^2, 4^{11}, 6^5, 12\})$	176128
12	$\mathcal{O}(0; \{2^{17}, 4, 6^6, 12\})$	84
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4, 6^6, 12\})$	684
12	$\mathcal{O}(0; \{2^9, 3^6, 4, 6^6, 12\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^9, 4, 6^6, 12\})$	43692
12	$\mathcal{O}(0; \{2, 3^{12}, 4, 6^6, 12\})$	349524
12	$\mathcal{O}(0; \{2^{14}, 4^3, 6^6, 12\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^3, 6^6, 12\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^6, 4^3, 6^6, 12\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^9, 4^3, 6^6, 12\})$	174768
12	$\mathcal{O}(0; \{2^{11}, 4^5, 6^6, 12\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^3, 4^5, 6^6, 12\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^6, 4^5, 6^6, 12\})$	87360
12	$\mathcal{O}(0; \{2^8, 4^7, 6^6, 12\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^3, 4^7, 6^6, 12\})$	43776
12	$\mathcal{O}(0; \{3^6, 4^7, 6^6, 12\})$	349440
12	$\mathcal{O}(0; \{2^5, 4^9, 6^6, 12\})$	21504
12	$\mathcal{O}(0; \{2, 3^3, 4^9, 6^6, 12\})$	175104
12	$\mathcal{O}(0; \{2^2, 4^{11}, 6^6, 12\})$	86016
12	$\mathcal{O}(0; \{2^{14}, 3, 4, 6^7, 12\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4, 6^7, 12\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^7, 4, 6^7, 12\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4, 6^7, 12\})$	174764
12	$\mathcal{O}(0; \{2^{11}, 3, 4^3, 6^7, 12\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^4, 4^3, 6^7, 12\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^7, 4^3, 6^7, 12\})$	87376
12	$\mathcal{O}(0; \{2^8, 3, 4^5, 6^7, 12\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^4, 4^5, 6^7, 12\})$	43712
12	$\mathcal{O}(0; \{3^7, 4^5, 6^7, 12\})$	349504
12	$\mathcal{O}(0; \{2^5, 3, 4^7, 6^7, 12\})$	21760
12	$\mathcal{O}(0; \{2, 3^4, 4^7, 6^7, 12\})$	174848
12	$\mathcal{O}(0; \{2^2, 3, 4^9, 6^7, 12\})$	87040
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4, 6^8, 12\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^5, 4, 6^8, 12\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^8, 4, 6^8, 12\})$	87380
12	$\mathcal{O}(0; \{2^8, 3^2, 4^3, 6^8, 12\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^5, 4^3, 6^8, 12\})$	43696
12	$\mathcal{O}(0; \{3^8, 4^3, 6^8, 12\})$	349520

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^2, 4^5, 6^8, 12\})$	21824
12	$\mathcal{O}(0; \{2, 3^5, 4^5, 6^8, 12\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^2, 4^7, 6^8, 12\})$	87296
12	$\mathcal{O}(0; \{2^{12}, 4, 6^9, 12\})$	684
12	$\mathcal{O}(0; \{2^8, 3^3, 4, 6^9, 12\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^6, 4, 6^9, 12\})$	43692
12	$\mathcal{O}(0; \{3^9, 4, 6^9, 12\})$	349524
12	$\mathcal{O}(0; \{2^9, 4^3, 6^9, 12\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 6^9, 12\})$	21840
12	$\mathcal{O}(0; \{2, 3^6, 4^3, 6^9, 12\})$	174768
12	$\mathcal{O}(0; \{2^6, 4^5, 6^9, 12\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 6^9, 12\})$	87360
12	$\mathcal{O}(0; \{2^3, 4^7, 6^9, 12\})$	43776
12	$\mathcal{O}(0; \{4^9, 6^9, 12\})$	175104
12	$\mathcal{O}(0; \{2^9, 3, 4, 6^{10}, 12\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 6^{10}, 12\})$	21844
12	$\mathcal{O}(0; \{2, 3^7, 4, 6^{10}, 12\})$	174764
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 6^{10}, 12\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6^{10}, 12\})$	87376
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 6^{10}, 12\})$	43712
12	$\mathcal{O}(0; \{3, 4^7, 6^{10}, 12\})$	174848
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^{11}, 12\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^{11}, 12\})$	87380
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^{11}, 12\})$	43696
12	$\mathcal{O}(0; \{3^2, 4^5, 6^{11}, 12\})$	174784
12	$\mathcal{O}(0; \{2^7, 4, 6^{12}, 12\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^{12}, 12\})$	43692
12	$\mathcal{O}(0; \{2^4, 4^3, 6^{12}, 12\})$	21840
12	$\mathcal{O}(0; \{3^3, 4^3, 6^{12}, 12\})$	174768
12	$\mathcal{O}(0; \{2, 4^5, 6^{12}, 12\})$	87360
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^{13}, 12\})$	21844
12	$\mathcal{O}(0; \{3^4, 4, 6^{13}, 12\})$	174764
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^{13}, 12\})$	87376
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^{14}, 12\})$	87380
12	$\mathcal{O}(0; \{2^2, 4, 6^{15}, 12\})$	43692
12	$\mathcal{O}(0; \{2^{24}, 3^2, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{20}, 3^5, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{16}, 3^8, 12^2\})$	684
12	$\mathcal{O}(0; \{2^{12}, 3^{11}, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^8, 3^{14}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^4, 3^{17}, 12^2\})$	349524
12	$\mathcal{O}(0; \{3^{20}, 12^2\})$	2796204
12	$\mathcal{O}(0; \{2^{21}, 3^2, 4^2, 12^2\})$	48

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{17}, 3^5, 4^2, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{13}, 3^8, 4^2, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^9, 3^{11}, 4^2, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^5, 3^{14}, 4^2, 12^2\})$	174768
12	$\mathcal{O}(0; \{2, 3^{17}, 4^2, 12^2\})$	1398096
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4^4, 12^2\})$	192
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4^4, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4^4, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4^4, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4^4, 12^2\})$	699072
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^6, 12^2\})$	768
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^6, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^7, 3^8, 4^6, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^6, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^8, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^8, 3^5, 4^8, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^8, 4^8, 12^2\})$	175104
12	$\mathcal{O}(0; \{3^{11}, 4^8, 12^2\})$	1397760
12	$\mathcal{O}(0; \{2^9, 3^2, 4^{10}, 12^2\})$	12288
12	$\mathcal{O}(0; \{2^5, 3^5, 4^{10}, 12^2\})$	86016
12	$\mathcal{O}(0; \{2, 3^8, 4^{10}, 12^2\})$	700416
12	$\mathcal{O}(0; \{2^6, 3^2, 4^{12}, 12^2\})$	49152
12	$\mathcal{O}(0; \{2^2, 3^5, 4^{12}, 12^2\})$	344064
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{14}, 12^2\})$	196608
12	$\mathcal{O}(0; \{3^2, 4^{16}, 12^2\})$	786432
12	$\mathcal{O}(0; \{2^{25}, 6, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{21}, 3^3, 6, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{17}, 3^6, 6, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{13}, 3^9, 6, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^9, 3^{12}, 6, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^5, 3^{15}, 6, 12^2\})$	174764
12	$\mathcal{O}(0; \{2, 3^{18}, 6, 12^2\})$	1398100
12	$\mathcal{O}(0; \{2^{22}, 4^2, 6, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{18}, 3^3, 4^2, 6, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{14}, 3^6, 4^2, 6, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^{10}, 3^9, 4^2, 6, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^6, 3^{12}, 4^2, 6, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^{15}, 4^2, 6, 12^2\})$	699056
12	$\mathcal{O}(0; \{2^{19}, 4^4, 6, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^4, 6, 12^2\})$	704
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^4, 6, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^9, 4^4, 6, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^4, 6, 12^2\})$	349504

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{16}, 4^6, 6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^6, 6, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^8, 3^6, 4^6, 6, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^9, 4^6, 6, 12^2\})$	174848
12	$\mathcal{O}(0; \{3^{12}, 4^6, 6, 12^2\})$	1398016
12	$\mathcal{O}(0; \{2^{13}, 4^8, 6, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^9, 3^3, 4^8, 6, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^5, 3^6, 4^8, 6, 12^2\})$	87040
12	$\mathcal{O}(0; \{2, 3^9, 4^8, 6, 12^2\})$	699392
12	$\mathcal{O}(0; \{2^{10}, 4^{10}, 6, 12^2\})$	4096
12	$\mathcal{O}(0; \{2^6, 3^3, 4^{10}, 6, 12^2\})$	45056
12	$\mathcal{O}(0; \{2^2, 3^6, 4^{10}, 6, 12^2\})$	348160
12	$\mathcal{O}(0; \{2^7, 4^{12}, 6, 12^2\})$	16384
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{12}, 6, 12^2\})$	180224
12	$\mathcal{O}(0; \{2^4, 4^{14}, 6, 12^2\})$	65536
12	$\mathcal{O}(0; \{3^3, 4^{14}, 6, 12^2\})$	720896
12	$\mathcal{O}(0; \{2, 4^{16}, 6, 12^2\})$	262144
12	$\mathcal{O}(0; \{2^{22}, 3, 6^2, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{18}, 3^4, 6^2, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{14}, 3^7, 6^2, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^{10}, 3^{10}, 6^2, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^6, 3^{13}, 6^2, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^2, 3^{16}, 6^2, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^{19}, 3, 4^2, 6^2, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^2, 6^2, 12^2\})$	688
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^2, 6^2, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^2, 6^2, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^2, 6^2, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{16}, 3, 4^4, 6^2, 12^2\})$	320
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^4, 6^2, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^7, 4^4, 6^2, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^4, 6^2, 12^2\})$	174784
12	$\mathcal{O}(0; \{3^{13}, 4^4, 6^2, 12^2\})$	1398080
12	$\mathcal{O}(0; \{2^{13}, 3, 4^6, 6^2, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^9, 3^4, 4^6, 6^2, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^7, 4^6, 6^2, 12^2\})$	87296
12	$\mathcal{O}(0; \{2, 3^{10}, 4^6, 6^2, 12^2\})$	699136
12	$\mathcal{O}(0; \{2^{10}, 3, 4^8, 6^2, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^6, 3^4, 4^8, 6^2, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^7, 4^8, 6^2, 12^2\})$	349184
12	$\mathcal{O}(0; \{2^7, 3, 4^{10}, 6^2, 12^2\})$	20480
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{10}, 6^2, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^4, 3, 4^{12}, 6^2, 12^2\})$	81920

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^4, 4^{12}, 6^2, 12^2\})$	704512
12	$\mathcal{O}(0; \{2, 3, 4^{14}, 6^2, 12^2\})$	327680
12	$\mathcal{O}(0; \{2^{19}, 3^2, 6^3, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{15}, 3^5, 6^3, 12^2\})$	684
12	$\mathcal{O}(0; \{2^{11}, 3^8, 6^3, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^7, 3^{11}, 6^3, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^3, 3^{14}, 6^3, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^2, 6^3, 12^2\})$	336
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^2, 6^3, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^8, 4^2, 6^3, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^2, 6^3, 12^2\})$	174768
12	$\mathcal{O}(0; \{3^{14}, 4^2, 6^3, 12^2\})$	1398096
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^4, 6^3, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^5, 4^4, 6^3, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^8, 4^4, 6^3, 12^2\})$	87360
12	$\mathcal{O}(0; \{2, 3^{11}, 4^4, 6^3, 12^2\})$	699072
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^6, 6^3, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^5, 4^6, 6^3, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^8, 4^6, 6^3, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^7, 3^2, 4^8, 6^3, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^5, 4^8, 6^3, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{10}, 6^3, 12^2\})$	86016
12	$\mathcal{O}(0; \{3^5, 4^{10}, 6^3, 12^2\})$	700416
12	$\mathcal{O}(0; \{2, 3^2, 4^{12}, 6^3, 12^2\})$	344064
12	$\mathcal{O}(0; \{2^{20}, 6^4, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{16}, 3^3, 6^4, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{12}, 3^6, 6^4, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^8, 3^9, 6^4, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^4, 3^{12}, 6^4, 12^2\})$	174764
12	$\mathcal{O}(0; \{3^{15}, 6^4, 12^2\})$	1398100
12	$\mathcal{O}(0; \{2^{17}, 4^2, 6^4, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^2, 6^4, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^6, 4^2, 6^4, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^9, 4^2, 6^4, 12^2\})$	87376
12	$\mathcal{O}(0; \{2, 3^{12}, 4^2, 6^4, 12^2\})$	699056
12	$\mathcal{O}(0; \{2^{14}, 4^4, 6^4, 12^2\})$	704
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^4, 6^4, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^6, 4^4, 6^4, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^9, 4^4, 6^4, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^{11}, 4^6, 6^4, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^3, 4^6, 6^4, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^6, 4^6, 6^4, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^8, 4^8, 6^4, 12^2\})$	11264

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^3, 4^8, 6^4, 12^2\})$	87040
12	$\mathcal{O}(0; \{3^6, 4^8, 6^4, 12^2\})$	699392
12	$\mathcal{O}(0; \{2^5, 4^{10}, 6^4, 12^2\})$	45056
12	$\mathcal{O}(0; \{2, 3^3, 4^{10}, 6^4, 12^2\})$	348160
12	$\mathcal{O}(0; \{2^2, 4^{12}, 6^4, 12^2\})$	180224
12	$\mathcal{O}(0; \{2^{17}, 3, 6^5, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{13}, 3^4, 6^5, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^9, 3^7, 6^5, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^5, 3^{10}, 6^5, 12^2\})$	87380
12	$\mathcal{O}(0; \{2, 3^{13}, 6^5, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^{14}, 3, 4^2, 6^5, 12^2\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^2, 6^5, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^7, 4^2, 6^5, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^2, 6^5, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{11}, 3, 4^4, 6^5, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^4, 4^4, 6^5, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^7, 4^4, 6^5, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^8, 3, 4^6, 6^5, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^4, 4^6, 6^5, 12^2\})$	87296
12	$\mathcal{O}(0; \{3^7, 4^6, 6^5, 12^2\})$	699136
12	$\mathcal{O}(0; \{2^5, 3, 4^8, 6^5, 12^2\})$	44032
12	$\mathcal{O}(0; \{2, 3^4, 4^8, 6^5, 12^2\})$	349184
12	$\mathcal{O}(0; \{2^2, 3, 4^{10}, 6^5, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^{14}, 3^2, 6^6, 12^2\})$	684
12	$\mathcal{O}(0; \{2^{10}, 3^5, 6^6, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^6, 3^8, 6^6, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^2, 3^{11}, 6^6, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^2, 6^6, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^5, 4^2, 6^6, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^8, 4^2, 6^6, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^8, 3^2, 4^4, 6^6, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^5, 4^4, 6^6, 12^2\})$	87360
12	$\mathcal{O}(0; \{3^8, 4^4, 6^6, 12^2\})$	699072
12	$\mathcal{O}(0; \{2^5, 3^2, 4^6, 6^6, 12^2\})$	43776
12	$\mathcal{O}(0; \{2, 3^5, 4^6, 6^6, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^2, 4^8, 6^6, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^{15}, 6^7, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{11}, 3^3, 6^7, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^7, 3^6, 6^7, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^9, 6^7, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{12}, 4^2, 6^7, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^3, 4^2, 6^7, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^6, 4^2, 6^7, 12^2\})$	87376

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^9, 4^2, 6^7, 12^2\})$	699056
12	$\mathcal{O}(0; \{2^9, 4^4, 6^7, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^3, 4^4, 6^7, 12^2\})$	43712
12	$\mathcal{O}(0; \{2, 3^6, 4^4, 6^7, 12^2\})$	349504
12	$\mathcal{O}(0; \{2^6, 4^6, 6^7, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^3, 4^6, 6^7, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^3, 4^8, 6^7, 12^2\})$	87040
12	$\mathcal{O}(0; \{4^{10}, 6^7, 12^2\})$	348160
12	$\mathcal{O}(0; \{2^{12}, 3, 6^8, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^8, 3^4, 6^8, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^7, 6^8, 12^2\})$	87380
12	$\mathcal{O}(0; \{3^{10}, 6^8, 12^2\})$	699052
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 6^8, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 6^8, 12^2\})$	43696
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 6^8, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 6^8, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 6^8, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 6^8, 12^2\})$	87296
12	$\mathcal{O}(0; \{3, 4^8, 6^8, 12^2\})$	349184
12	$\mathcal{O}(0; \{2^9, 3^2, 6^9, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^5, 3^5, 6^9, 12^2\})$	43692
12	$\mathcal{O}(0; \{2, 3^8, 6^9, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6^9, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6^9, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6^9, 12^2\})$	87360
12	$\mathcal{O}(0; \{3^2, 4^6, 6^9, 12^2\})$	349440
12	$\mathcal{O}(0; \{2^{10}, 6^{10}, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^3, 6^{10}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^6, 6^{10}, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^7, 4^2, 6^{10}, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^{10}, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^4, 4^4, 6^{10}, 12^2\})$	43712
12	$\mathcal{O}(0; \{3^3, 4^4, 6^{10}, 12^2\})$	349504
12	$\mathcal{O}(0; \{2, 4^6, 6^{10}, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^7, 3, 6^{11}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^4, 6^{11}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^{11}, 12^2\})$	43696
12	$\mathcal{O}(0; \{3^4, 4^2, 6^{11}, 12^2\})$	349520
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^{11}, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^4, 3^2, 6^{12}, 12^2\})$	43692
12	$\mathcal{O}(0; \{3^5, 6^{12}, 12^2\})$	349524
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^{12}, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^5, 6^{13}, 12^2\})$	21844

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^3, 6^{13}, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^2, 4^2, 6^{13}, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^2, 3, 6^{14}, 12^2\})$	87380
12	$\mathcal{O}(0; \{6^{16}, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{22}, 3, 4, 12^3\})$	48
12	$\mathcal{O}(0; \{2^{18}, 3^4, 4, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{14}, 3^7, 4, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^{10}, 3^{10}, 4, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^6, 3^{13}, 4, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^2, 3^{16}, 4, 12^3\})$	1398096
12	$\mathcal{O}(0; \{2^{19}, 3, 4^3, 12^3\})$	192
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^3, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^3, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^3, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^3, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^{16}, 3, 4^5, 12^3\})$	768
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^5, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^8, 3^7, 4^5, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^5, 12^3\})$	349440
12	$\mathcal{O}(0; \{3^{13}, 4^5, 12^3\})$	2796288
12	$\mathcal{O}(0; \{2^{13}, 3, 4^7, 12^3\})$	3072
12	$\mathcal{O}(0; \{2^9, 3^4, 4^7, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^5, 3^7, 4^7, 12^3\})$	175104
12	$\mathcal{O}(0; \{2, 3^{10}, 4^7, 12^3\})$	1397760
12	$\mathcal{O}(0; \{2^{10}, 3, 4^9, 12^3\})$	12288
12	$\mathcal{O}(0; \{2^6, 3^4, 4^9, 12^3\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^7, 4^9, 12^3\})$	700416
12	$\mathcal{O}(0; \{2^7, 3, 4^{11}, 12^3\})$	49152
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{11}, 12^3\})$	344064
12	$\mathcal{O}(0; \{2^4, 3, 4^{13}, 12^3\})$	196608
12	$\mathcal{O}(0; \{3^4, 4^{13}, 12^3\})$	1376256
12	$\mathcal{O}(0; \{2, 3, 4^{15}, 12^3\})$	786432
12	$\mathcal{O}(0; \{2^{19}, 3^2, 4, 6, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{15}, 3^5, 4, 6, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^{11}, 3^8, 4, 6, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^7, 3^{11}, 4, 6, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^3, 3^{14}, 4, 6, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^3, 6, 12^3\})$	704
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^3, 6, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^8, 4^3, 6, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^3, 6, 12^3\})$	349504
12	$\mathcal{O}(0; \{3^{14}, 4^3, 6, 12^3\})$	2796224
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^5, 6, 12^3\})$	2816

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^9, 3^5, 4^5, 6, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^8, 4^5, 6, 12^3\})$	174848
12	$\mathcal{O}(0; \{2, 3^{11}, 4^5, 6, 12^3\})$	1398016
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^7, 6, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^6, 3^5, 4^7, 6, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^8, 4^7, 6, 12^3\})$	699392
12	$\mathcal{O}(0; \{2^7, 3^2, 4^9, 6, 12^3\})$	45056
12	$\mathcal{O}(0; \{2^3, 3^5, 4^9, 6, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{11}, 6, 12^3\})$	180224
12	$\mathcal{O}(0; \{3^5, 4^{11}, 6, 12^3\})$	1392640
12	$\mathcal{O}(0; \{2, 3^2, 4^{13}, 6, 12^3\})$	720896
12	$\mathcal{O}(0; \{2^{20}, 4, 6^2, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4, 6^2, 12^3\})$	688
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4, 6^2, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^8, 3^9, 4, 6^2, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4, 6^2, 12^3\})$	349520
12	$\mathcal{O}(0; \{3^{15}, 4, 6^2, 12^3\})$	2796208
12	$\mathcal{O}(0; \{2^{17}, 4^3, 6^2, 12^3\})$	320
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^3, 6^2, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^9, 3^6, 4^3, 6^2, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^9, 4^3, 6^2, 12^3\})$	174784
12	$\mathcal{O}(0; \{2, 3^{12}, 4^3, 6^2, 12^3\})$	1398080
12	$\mathcal{O}(0; \{2^{14}, 4^5, 6^2, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^5, 6^2, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^6, 4^5, 6^2, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^9, 4^5, 6^2, 12^3\})$	699136
12	$\mathcal{O}(0; \{2^{11}, 4^7, 6^2, 12^3\})$	5120
12	$\mathcal{O}(0; \{2^7, 3^3, 4^7, 6^2, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^6, 4^7, 6^2, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^8, 4^9, 6^2, 12^3\})$	20480
12	$\mathcal{O}(0; \{2^4, 3^3, 4^9, 6^2, 12^3\})$	176128
12	$\mathcal{O}(0; \{3^6, 4^9, 6^2, 12^3\})$	1396736
12	$\mathcal{O}(0; \{2^5, 4^{11}, 6^2, 12^3\})$	81920
12	$\mathcal{O}(0; \{2, 3^3, 4^{11}, 6^2, 12^3\})$	704512
12	$\mathcal{O}(0; \{2^2, 4^{13}, 6^2, 12^3\})$	327680
12	$\mathcal{O}(0; \{2^{17}, 3, 4, 6^3, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4, 6^3, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^9, 3^7, 4, 6^3, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4, 6^3, 12^3\})$	174768
12	$\mathcal{O}(0; \{2, 3^{13}, 4, 6^3, 12^3\})$	1398096
12	$\mathcal{O}(0; \{2^{14}, 3, 4^3, 6^3, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^3, 6^3, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^7, 4^3, 6^3, 12^3\})$	87360

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^3, 6^3, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^{11}, 3, 4^5, 6^3, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^7, 3^4, 4^5, 6^3, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^7, 4^5, 6^3, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^8, 3, 4^7, 6^3, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^4, 4^7, 6^3, 12^3\})$	175104
12	$\mathcal{O}(0; \{3^7, 4^7, 6^3, 12^3\})$	1397760
12	$\mathcal{O}(0; \{2^5, 3, 4^9, 6^3, 12^3\})$	86016
12	$\mathcal{O}(0; \{2, 3^4, 4^9, 6^3, 12^3\})$	700416
12	$\mathcal{O}(0; \{2^2, 3, 4^{11}, 6^3, 12^3\})$	344064
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4, 6^4, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4, 6^4, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^6, 3^8, 4, 6^4, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4, 6^4, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^3, 6^4, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^5, 4^3, 6^4, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^8, 4^3, 6^4, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^8, 3^2, 4^5, 6^4, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^5, 4^5, 6^4, 12^3\})$	174848
12	$\mathcal{O}(0; \{3^8, 4^5, 6^4, 12^3\})$	1398016
12	$\mathcal{O}(0; \{2^5, 3^2, 4^7, 6^4, 12^3\})$	87040
12	$\mathcal{O}(0; \{2, 3^5, 4^7, 6^4, 12^3\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^2, 4^9, 6^4, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^{15}, 4, 6^5, 12^3\})$	688
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4, 6^5, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^7, 3^6, 4, 6^5, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^9, 4, 6^5, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{12}, 4^3, 6^5, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^3, 4^3, 6^5, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^6, 4^3, 6^5, 12^3\})$	174784
12	$\mathcal{O}(0; \{3^9, 4^3, 6^5, 12^3\})$	1398080
12	$\mathcal{O}(0; \{2^9, 4^5, 6^5, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^3, 4^5, 6^5, 12^3\})$	87296
12	$\mathcal{O}(0; \{2, 3^6, 4^5, 6^5, 12^3\})$	699136
12	$\mathcal{O}(0; \{2^6, 4^7, 6^5, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^3, 4^7, 6^5, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^3, 4^9, 6^5, 12^3\})$	176128
12	$\mathcal{O}(0; \{4^{11}, 6^5, 12^3\})$	704512
12	$\mathcal{O}(0; \{2^{12}, 3, 4, 6^6, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^8, 3^4, 4, 6^6, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^7, 4, 6^6, 12^3\})$	174768
12	$\mathcal{O}(0; \{3^{10}, 4, 6^6, 12^3\})$	1398096
12	$\mathcal{O}(0; \{2^9, 3, 4^3, 6^6, 12^3\})$	10944

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^4, 4^3, 6^6, 12^3\})$	87360
12	$\mathcal{O}(0; \{2, 3^7, 4^3, 6^6, 12^3\})$	699072
12	$\mathcal{O}(0; \{2^6, 3, 4^5, 6^6, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^4, 4^5, 6^6, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^3, 3, 4^7, 6^6, 12^3\})$	175104
12	$\mathcal{O}(0; \{3, 4^9, 6^6, 12^3\})$	700416
12	$\mathcal{O}(0; \{2^9, 3^2, 4, 6^7, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^5, 4, 6^7, 12^3\})$	87376
12	$\mathcal{O}(0; \{2, 3^8, 4, 6^7, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 6^7, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 6^7, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 6^7, 12^3\})$	174848
12	$\mathcal{O}(0; \{3^2, 4^7, 6^7, 12^3\})$	699392
12	$\mathcal{O}(0; \{2^{10}, 4, 6^8, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 6^8, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 6^8, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^7, 4^3, 6^8, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6^8, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^4, 4^5, 6^8, 12^3\})$	87296
12	$\mathcal{O}(0; \{3^3, 4^5, 6^8, 12^3\})$	699136
12	$\mathcal{O}(0; \{2, 4^7, 6^8, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^7, 3, 4, 6^9, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^9, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^9, 12^3\})$	87360
12	$\mathcal{O}(0; \{3^4, 4^3, 6^9, 12^3\})$	699072
12	$\mathcal{O}(0; \{2, 3, 4^5, 6^9, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^{10}, 12^3\})$	87376
12	$\mathcal{O}(0; \{3^5, 4, 6^{10}, 12^3\})$	699056
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^{10}, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^5, 4, 6^{11}, 12^3\})$	43696
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^{11}, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^2, 4^3, 6^{11}, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^{12}, 12^3\})$	174768
12	$\mathcal{O}(0; \{4, 6^{14}, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{23}, 12^4\})$	48
12	$\mathcal{O}(0; \{2^{19}, 3^3, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{15}, 3^6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^{11}, 3^9, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^7, 3^{12}, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^3, 3^{15}, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^{20}, 4^2, 12^4\})$	192
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^2, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^2, 12^4\})$	10944

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^8, 3^9, 4^2, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^2, 12^4\})$	699072
12	$\mathcal{O}(0; \{3^{15}, 4^2, 12^4\})$	5592384
12	$\mathcal{O}(0; \{2^{17}, 4^4, 12^4\})$	768
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^4, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^9, 3^6, 4^4, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^9, 4^4, 12^4\})$	349440
12	$\mathcal{O}(0; \{2, 3^{12}, 4^4, 12^4\})$	2796288
12	$\mathcal{O}(0; \{2^{14}, 4^6, 12^4\})$	3072
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^6, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^6, 3^6, 4^6, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^9, 4^6, 12^4\})$	1397760
12	$\mathcal{O}(0; \{2^{11}, 4^8, 12^4\})$	12288
12	$\mathcal{O}(0; \{2^7, 3^3, 4^8, 12^4\})$	86016
12	$\mathcal{O}(0; \{2^3, 3^6, 4^8, 12^4\})$	700416
12	$\mathcal{O}(0; \{2^8, 4^{10}, 12^4\})$	49152
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{10}, 12^4\})$	344064
12	$\mathcal{O}(0; \{3^6, 4^{10}, 12^4\})$	2801664
12	$\mathcal{O}(0; \{2^5, 4^{12}, 12^4\})$	196608
12	$\mathcal{O}(0; \{2, 3^3, 4^{12}, 12^4\})$	1376256
12	$\mathcal{O}(0; \{2^2, 4^{14}, 12^4\})$	786432
12	$\mathcal{O}(0; \{2^{20}, 3, 6, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{16}, 3^4, 6, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^{12}, 3^7, 6, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^8, 3^{10}, 6, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^4, 3^{13}, 6, 12^4\})$	699056
12	$\mathcal{O}(0; \{3^{16}, 6, 12^4\})$	5592400
12	$\mathcal{O}(0; \{2^{17}, 3, 4^2, 6, 12^4\})$	704
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^2, 6, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^9, 3^7, 4^2, 6, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^2, 6, 12^4\})$	349504
12	$\mathcal{O}(0; \{2, 3^{13}, 4^2, 6, 12^4\})$	2796224
12	$\mathcal{O}(0; \{2^{14}, 3, 4^4, 6, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^4, 6, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^7, 4^4, 6, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^4, 6, 12^4\})$	1398016
12	$\mathcal{O}(0; \{2^{11}, 3, 4^6, 6, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^7, 3^4, 4^6, 6, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^7, 4^6, 6, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^8, 3, 4^8, 6, 12^4\})$	45056
12	$\mathcal{O}(0; \{2^4, 3^4, 4^8, 6, 12^4\})$	348160
12	$\mathcal{O}(0; \{3^7, 4^8, 6, 12^4\})$	2797568
12	$\mathcal{O}(0; \{2^5, 3, 4^{10}, 6, 12^4\})$	180224

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^4, 4^{10}, 6, 12^4\})$	1392640
12	$\mathcal{O}(0; \{2^2, 3, 4^{12}, 6, 12^4\})$	720896
12	$\mathcal{O}(0; \{2^{17}, 3^2, 6^2, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{13}, 3^5, 6^2, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^9, 3^8, 6^2, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^5, 3^{11}, 6^2, 12^4\})$	349520
12	$\mathcal{O}(0; \{2, 3^{14}, 6^2, 12^4\})$	2796208
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^2, 6^2, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^2, 6^2, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^8, 4^2, 6^2, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^2, 6^2, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^4, 6^2, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^7, 3^5, 4^4, 6^2, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^8, 4^4, 6^2, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^8, 3^2, 4^6, 6^2, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^5, 4^6, 6^2, 12^4\})$	349184
12	$\mathcal{O}(0; \{3^8, 4^6, 6^2, 12^4\})$	2796544
12	$\mathcal{O}(0; \{2^5, 3^2, 4^8, 6^2, 12^4\})$	176128
12	$\mathcal{O}(0; \{2, 3^5, 4^8, 6^2, 12^4\})$	1396736
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{10}, 6^2, 12^4\})$	704512
12	$\mathcal{O}(0; \{2^{18}, 6^3, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{14}, 3^3, 6^3, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^{10}, 3^6, 6^3, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^6, 3^9, 6^3, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^2, 3^{12}, 6^3, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^{15}, 4^2, 6^3, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^2, 6^3, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^6, 4^2, 6^3, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^9, 4^2, 6^3, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^{12}, 4^4, 6^3, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^8, 3^3, 4^4, 6^3, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^6, 4^4, 6^3, 12^4\})$	349440
12	$\mathcal{O}(0; \{3^9, 4^4, 6^3, 12^4\})$	2796288
12	$\mathcal{O}(0; \{2^9, 4^6, 6^3, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^5, 3^3, 4^6, 6^3, 12^4\})$	175104
12	$\mathcal{O}(0; \{2, 3^6, 4^6, 6^3, 12^4\})$	1397760
12	$\mathcal{O}(0; \{2^6, 4^8, 6^3, 12^4\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^3, 4^8, 6^3, 12^4\})$	700416
12	$\mathcal{O}(0; \{2^3, 4^{10}, 6^3, 12^4\})$	344064
12	$\mathcal{O}(0; \{4^{12}, 6^3, 12^4\})$	1376256
12	$\mathcal{O}(0; \{2^{15}, 3, 6^4, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^{11}, 3^4, 6^4, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^7, 3^7, 6^4, 12^4\})$	87376

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^{10}, 6^4, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{12}, 3, 4^2, 6^4, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^4, 4^2, 6^4, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^7, 4^2, 6^4, 12^4\})$	349504
12	$\mathcal{O}(0; \{3^{10}, 4^2, 6^4, 12^4\})$	2796224
12	$\mathcal{O}(0; \{2^9, 3, 4^4, 6^4, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^4, 4^4, 6^4, 12^4\})$	174848
12	$\mathcal{O}(0; \{2, 3^7, 4^4, 6^4, 12^4\})$	1398016
12	$\mathcal{O}(0; \{2^6, 3, 4^6, 6^4, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^4, 4^6, 6^4, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^3, 3, 4^8, 6^4, 12^4\})$	348160
12	$\mathcal{O}(0; \{3, 4^{10}, 6^4, 12^4\})$	1392640
12	$\mathcal{O}(0; \{2^{12}, 3^2, 6^5, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^8, 3^5, 6^5, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^4, 3^8, 6^5, 12^4\})$	349520
12	$\mathcal{O}(0; \{3^{11}, 6^5, 12^4\})$	2796208
12	$\mathcal{O}(0; \{2^9, 3^2, 4^2, 6^5, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^5, 4^2, 6^5, 12^4\})$	174784
12	$\mathcal{O}(0; \{2, 3^8, 4^2, 6^5, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2^6, 3^2, 4^4, 6^5, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^5, 4^4, 6^5, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^3, 3^2, 4^6, 6^5, 12^4\})$	349184
12	$\mathcal{O}(0; \{3^2, 4^8, 6^5, 12^4\})$	1396736
12	$\mathcal{O}(0; \{2^{13}, 6^6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^9, 3^3, 6^6, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^5, 3^6, 6^6, 12^4\})$	174768
12	$\mathcal{O}(0; \{2, 3^9, 6^6, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^{10}, 4^2, 6^6, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 6^6, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 6^6, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^7, 4^4, 6^6, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 6^6, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^4, 4^6, 6^6, 12^4\})$	175104
12	$\mathcal{O}(0; \{3^3, 4^6, 6^6, 12^4\})$	1397760
12	$\mathcal{O}(0; \{2, 4^8, 6^6, 12^4\})$	700416
12	$\mathcal{O}(0; \{2^{10}, 3, 6^7, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^6, 3^4, 6^7, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^7, 6^7, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 6^7, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6^7, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 6^7, 12^4\})$	174848
12	$\mathcal{O}(0; \{3^4, 4^4, 6^7, 12^4\})$	1398016
12	$\mathcal{O}(0; \{2, 3, 4^6, 6^7, 12^4\})$	699392

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^7, 3^2, 6^8, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^5, 6^8, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^8, 12^4\})$	174784
12	$\mathcal{O}(0; \{3^5, 4^2, 6^8, 12^4\})$	1398080
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^8, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^8, 6^9, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^3, 6^9, 12^4\})$	174768
12	$\mathcal{O}(0; \{3^6, 6^9, 12^4\})$	1398096
12	$\mathcal{O}(0; \{2^5, 4^2, 6^9, 12^4\})$	87360
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^9, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^2, 4^4, 6^9, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^5, 3, 6^{10}, 12^4\})$	87376
12	$\mathcal{O}(0; \{2, 3^4, 6^{10}, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^{10}, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^2, 3^2, 6^{11}, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^3, 6^{12}, 12^4\})$	174768
12	$\mathcal{O}(0; \{4^2, 6^{12}, 12^4\})$	699072
12	$\mathcal{O}(0; \{3, 6^{13}, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^9, 3^8, 4, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4, 12^5\})$	699072
12	$\mathcal{O}(0; \{2, 3^{14}, 4, 12^5\})$	5592384
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^3, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^3, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^8, 4^3, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^3, 12^5\})$	2796288
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^5, 12^5\})$	21504
12	$\mathcal{O}(0; \{2^7, 3^5, 4^5, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^8, 4^5, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^8, 3^2, 4^7, 12^5\})$	86016
12	$\mathcal{O}(0; \{2^4, 3^5, 4^7, 12^5\})$	700416
12	$\mathcal{O}(0; \{3^8, 4^7, 12^5\})$	5591040
12	$\mathcal{O}(0; \{2^5, 3^2, 4^9, 12^5\})$	344064
12	$\mathcal{O}(0; \{2, 3^5, 4^9, 12^5\})$	2801664
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{11}, 12^5\})$	1376256
12	$\mathcal{O}(0; \{2^{18}, 4, 6, 12^5\})$	704
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4, 6, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4, 6, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^6, 3^9, 4, 6, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4, 6, 12^5\})$	2796224
12	$\mathcal{O}(0; \{2^{15}, 4^3, 6, 12^5\})$	2816
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^3, 6, 12^5\})$	21760

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^7, 3^6, 4^3, 6, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^9, 4^3, 6, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^{12}, 4^5, 6, 12^5\})$	11264
12	$\mathcal{O}(0; \{2^8, 3^3, 4^5, 6, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^6, 4^5, 6, 12^5\})$	699392
12	$\mathcal{O}(0; \{3^9, 4^5, 6, 12^5\})$	5592064
12	$\mathcal{O}(0; \{2^9, 4^7, 6, 12^5\})$	45056
12	$\mathcal{O}(0; \{2^5, 3^3, 4^7, 6, 12^5\})$	348160
12	$\mathcal{O}(0; \{2, 3^6, 4^7, 6, 12^5\})$	2797568
12	$\mathcal{O}(0; \{2^6, 4^9, 6, 12^5\})$	180224
12	$\mathcal{O}(0; \{2^2, 3^3, 4^9, 6, 12^5\})$	1392640
12	$\mathcal{O}(0; \{2^3, 4^{11}, 6, 12^5\})$	720896
12	$\mathcal{O}(0; \{4^{13}, 6, 12^5\})$	2883584
12	$\mathcal{O}(0; \{2^{15}, 3, 4, 6^2, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4, 6^2, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^7, 3^7, 4, 6^2, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4, 6^2, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^{12}, 3, 4^3, 6^2, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^8, 3^4, 4^3, 6^2, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^7, 4^3, 6^2, 12^5\})$	699136
12	$\mathcal{O}(0; \{3^{10}, 4^3, 6^2, 12^5\})$	5592320
12	$\mathcal{O}(0; \{2^9, 3, 4^5, 6^2, 12^5\})$	44032
12	$\mathcal{O}(0; \{2^5, 3^4, 4^5, 6^2, 12^5\})$	349184
12	$\mathcal{O}(0; \{2, 3^7, 4^5, 6^2, 12^5\})$	2796544
12	$\mathcal{O}(0; \{2^6, 3, 4^7, 6^2, 12^5\})$	176128
12	$\mathcal{O}(0; \{2^2, 3^4, 4^7, 6^2, 12^5\})$	1396736
12	$\mathcal{O}(0; \{2^3, 3, 4^9, 6^2, 12^5\})$	704512
12	$\mathcal{O}(0; \{3, 4^{11}, 6^2, 12^5\})$	2818048
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4, 6^3, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^8, 3^5, 4, 6^3, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^8, 4, 6^3, 12^5\})$	699072
12	$\mathcal{O}(0; \{3^{11}, 4, 6^3, 12^5\})$	5592384
12	$\mathcal{O}(0; \{2^9, 3^2, 4^3, 6^3, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^5, 4^3, 6^3, 12^5\})$	349440
12	$\mathcal{O}(0; \{2, 3^8, 4^3, 6^3, 12^5\})$	2796288
12	$\mathcal{O}(0; \{2^6, 3^2, 4^5, 6^3, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^5, 4^5, 6^3, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^3, 3^2, 4^7, 6^3, 12^5\})$	700416
12	$\mathcal{O}(0; \{3^2, 4^9, 6^3, 12^5\})$	2801664
12	$\mathcal{O}(0; \{2^{13}, 4, 6^4, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^9, 3^3, 4, 6^4, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^6, 4, 6^4, 12^5\})$	349504
12	$\mathcal{O}(0; \{2, 3^9, 4, 6^4, 12^5\})$	2796224

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{10}, 4^3, 6^4, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^3, 4^3, 6^4, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^6, 4^3, 6^4, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^7, 4^5, 6^4, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^3, 4^5, 6^4, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^4, 4^7, 6^4, 12^5\})$	348160
12	$\mathcal{O}(0; \{3^3, 4^7, 6^4, 12^5\})$	2797568
12	$\mathcal{O}(0; \{2, 4^9, 6^4, 12^5\})$	1392640
12	$\mathcal{O}(0; \{2^{10}, 3, 4, 6^5, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^4, 4, 6^5, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^7, 4, 6^5, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^7, 3, 4^3, 6^5, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 6^5, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^4, 3, 4^5, 6^5, 12^5\})$	349184
12	$\mathcal{O}(0; \{3^4, 4^5, 6^5, 12^5\})$	2796544
12	$\mathcal{O}(0; \{2, 3, 4^7, 6^5, 12^5\})$	1396736
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 6^6, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 6^6, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6^6, 12^5\})$	349440
12	$\mathcal{O}(0; \{3^5, 4^3, 6^6, 12^5\})$	2796288
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 6^6, 12^5\})$	1397760
12	$\mathcal{O}(0; \{2^8, 4, 6^7, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^7, 12^5\})$	349504
12	$\mathcal{O}(0; \{3^6, 4, 6^7, 12^5\})$	2796224
12	$\mathcal{O}(0; \{2^5, 4^3, 6^7, 12^5\})$	174848
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^7, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^2, 4^5, 6^7, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^8, 12^5\})$	174784
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^8, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^8, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^9, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^3, 4, 6^{10}, 12^5\})$	349504
12	$\mathcal{O}(0; \{4^3, 6^{10}, 12^5\})$	1398016
12	$\mathcal{O}(0; \{3, 4, 6^{11}, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^{18}, 3, 12^6\})$	1344
12	$\mathcal{O}(0; \{2^{14}, 3^4, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^{10}, 3^7, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^6, 3^{10}, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^2, 3^{13}, 12^6\})$	5592384
12	$\mathcal{O}(0; \{2^{15}, 3, 4^2, 12^6\})$	5376
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^2, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^7, 3^7, 4^2, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^2, 12^6\})$	2796288

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{12}, 3, 4^4, 12^6\})$	21504
12	$\mathcal{O}(0; \{2^8, 3^4, 4^4, 12^6\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^7, 4^4, 12^6\})$	1397760
12	$\mathcal{O}(0; \{3^{10}, 4^4, 12^6\})$	11185152
12	$\mathcal{O}(0; \{2^9, 3, 4^6, 12^6\})$	86016
12	$\mathcal{O}(0; \{2^5, 3^4, 4^6, 12^6\})$	700416
12	$\mathcal{O}(0; \{2, 3^7, 4^6, 12^6\})$	5591040
12	$\mathcal{O}(0; \{2^6, 3, 4^8, 12^6\})$	344064
12	$\mathcal{O}(0; \{2^2, 3^4, 4^8, 12^6\})$	2801664
12	$\mathcal{O}(0; \{2^3, 3, 4^{10}, 12^6\})$	1376256
12	$\mathcal{O}(0; \{3, 4^{12}, 12^6\})$	5505024
12	$\mathcal{O}(0; \{2^{15}, 3^2, 6, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^{11}, 3^5, 6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^7, 3^8, 6, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^3, 3^{11}, 6, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^2, 6, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^8, 3^5, 4^2, 6, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^8, 4^2, 6, 12^6\})$	1398016
12	$\mathcal{O}(0; \{3^{11}, 4^2, 6, 12^6\})$	11184896
12	$\mathcal{O}(0; \{2^9, 3^2, 4^4, 6, 12^6\})$	87040
12	$\mathcal{O}(0; \{2^5, 3^5, 4^4, 6, 12^6\})$	699392
12	$\mathcal{O}(0; \{2, 3^8, 4^4, 6, 12^6\})$	5592064
12	$\mathcal{O}(0; \{2^6, 3^2, 4^6, 6, 12^6\})$	348160
12	$\mathcal{O}(0; \{2^2, 3^5, 4^6, 6, 12^6\})$	2797568
12	$\mathcal{O}(0; \{2^3, 3^2, 4^8, 6, 12^6\})$	1392640
12	$\mathcal{O}(0; \{3^2, 4^{10}, 6, 12^6\})$	5570560
12	$\mathcal{O}(0; \{2^{16}, 6^2, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^{12}, 3^3, 6^2, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^8, 3^6, 6^2, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^4, 3^9, 6^2, 12^6\})$	1398080
12	$\mathcal{O}(0; \{3^{12}, 6^2, 12^6\})$	11184832
12	$\mathcal{O}(0; \{2^{13}, 4^2, 6^2, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^9, 3^3, 4^2, 6^2, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^6, 4^2, 6^2, 12^6\})$	699136
12	$\mathcal{O}(0; \{2, 3^9, 4^2, 6^2, 12^6\})$	5592320
12	$\mathcal{O}(0; \{2^{10}, 4^4, 6^2, 12^6\})$	44032
12	$\mathcal{O}(0; \{2^6, 3^3, 4^4, 6^2, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^6, 4^4, 6^2, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2^7, 4^6, 6^2, 12^6\})$	176128
12	$\mathcal{O}(0; \{2^3, 3^3, 4^6, 6^2, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^4, 4^8, 6^2, 12^6\})$	704512
12	$\mathcal{O}(0; \{3^3, 4^8, 6^2, 12^6\})$	5586944
12	$\mathcal{O}(0; \{2, 4^{10}, 6^2, 12^6\})$	2818048

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{13}, 3, 6^3, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^9, 3^4, 6^3, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^5, 3^7, 6^3, 12^6\})$	699072
12	$\mathcal{O}(0; \{2, 3^{10}, 6^3, 12^6\})$	5592384
12	$\mathcal{O}(0; \{2^{10}, 3, 4^2, 6^3, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^4, 4^2, 6^3, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^7, 4^2, 6^3, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^7, 3, 4^4, 6^3, 12^6\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^4, 4^4, 6^3, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^4, 3, 4^6, 6^3, 12^6\})$	700416
12	$\mathcal{O}(0; \{3^4, 4^6, 6^3, 12^6\})$	5591040
12	$\mathcal{O}(0; \{2, 3, 4^8, 6^3, 12^6\})$	2801664
12	$\mathcal{O}(0; \{2^{10}, 3^2, 6^4, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^6, 3^5, 6^4, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^2, 3^8, 6^4, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 6^4, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 6^4, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 6^4, 12^6\})$	699392
12	$\mathcal{O}(0; \{3^5, 4^4, 6^4, 12^6\})$	5592064
12	$\mathcal{O}(0; \{2, 3^2, 4^6, 6^4, 12^6\})$	2797568
12	$\mathcal{O}(0; \{2^{11}, 6^5, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^7, 3^3, 6^5, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^3, 3^6, 6^5, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^8, 4^2, 6^5, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6^5, 12^6\})$	699136
12	$\mathcal{O}(0; \{3^6, 4^2, 6^5, 12^6\})$	5592320
12	$\mathcal{O}(0; \{2^5, 4^4, 6^5, 12^6\})$	349184
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 6^5, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2^2, 4^6, 6^5, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2^8, 3, 6^6, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^4, 6^6, 12^6\})$	699072
12	$\mathcal{O}(0; \{3^7, 6^6, 12^6\})$	5592384
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^6, 12^6\})$	349440
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^6, 12^6\})$	2796288
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^6, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^5, 3^2, 6^7, 12^6\})$	349504
12	$\mathcal{O}(0; \{2, 3^5, 6^7, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^7, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^6, 6^8, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^3, 6^8, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^3, 4^2, 6^8, 12^6\})$	699136
12	$\mathcal{O}(0; \{4^4, 6^8, 12^6\})$	2796544
12	$\mathcal{O}(0; \{2^3, 3, 6^9, 12^6\})$	699072

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3, 4^2, 6^9, 12^6\})$	2796288
12	$\mathcal{O}(0; \{3^2, 6^{10}, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2, 6^{11}, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^{16}, 4, 12^7\})$	5376
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^8, 3^6, 4, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^4, 3^9, 4, 12^7\})$	2796288
12	$\mathcal{O}(0; \{3^{12}, 4, 12^7\})$	22369536
12	$\mathcal{O}(0; \{2^{13}, 4^3, 12^7\})$	21504
12	$\mathcal{O}(0; \{2^9, 3^3, 4^3, 12^7\})$	175104
12	$\mathcal{O}(0; \{2^5, 3^6, 4^3, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2, 3^9, 4^3, 12^7\})$	11185152
12	$\mathcal{O}(0; \{2^{10}, 4^5, 12^7\})$	86016
12	$\mathcal{O}(0; \{2^6, 3^3, 4^5, 12^7\})$	700416
12	$\mathcal{O}(0; \{2^2, 3^6, 4^5, 12^7\})$	5591040
12	$\mathcal{O}(0; \{2^7, 4^7, 12^7\})$	344064
12	$\mathcal{O}(0; \{2^3, 3^3, 4^7, 12^7\})$	2801664
12	$\mathcal{O}(0; \{2^4, 4^9, 12^7\})$	1376256
12	$\mathcal{O}(0; \{3^3, 4^9, 12^7\})$	11206656
12	$\mathcal{O}(0; \{2, 4^{11}, 12^7\})$	5505024
12	$\mathcal{O}(0; \{2^{13}, 3, 4, 6, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^9, 3^4, 4, 6, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^5, 3^7, 4, 6, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2, 3^{10}, 4, 6, 12^7\})$	11184896
12	$\mathcal{O}(0; \{2^{10}, 3, 4^3, 6, 12^7\})$	87040
12	$\mathcal{O}(0; \{2^6, 3^4, 4^3, 6, 12^7\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^7, 4^3, 6, 12^7\})$	5592064
12	$\mathcal{O}(0; \{2^7, 3, 4^5, 6, 12^7\})$	348160
12	$\mathcal{O}(0; \{2^3, 3^4, 4^5, 6, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2^4, 3, 4^7, 6, 12^7\})$	1392640
12	$\mathcal{O}(0; \{3^4, 4^7, 6, 12^7\})$	11190272
12	$\mathcal{O}(0; \{2, 3, 4^9, 6, 12^7\})$	5570560
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4, 6^2, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^6, 3^5, 4, 6^2, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^2, 3^8, 4, 6^2, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2^7, 3^2, 4^3, 6^2, 12^7\})$	349184
12	$\mathcal{O}(0; \{2^3, 3^5, 4^3, 6^2, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^4, 3^2, 4^5, 6^2, 12^7\})$	1396736
12	$\mathcal{O}(0; \{3^5, 4^5, 6^2, 12^7\})$	11186176
12	$\mathcal{O}(0; \{2, 3^2, 4^7, 6^2, 12^7\})$	5586944
12	$\mathcal{O}(0; \{2^{11}, 4, 6^3, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 6^3, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 6^3, 12^7\})$	2796288

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^8, 4^3, 6^3, 12^7\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 6^3, 12^7\})$	1397760
12	$\mathcal{O}(0; \{3^6, 4^3, 6^3, 12^7\})$	11185152
12	$\mathcal{O}(0; \{2^5, 4^5, 6^3, 12^7\})$	700416
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 6^3, 12^7\})$	5591040
12	$\mathcal{O}(0; \{2^2, 4^7, 6^3, 12^7\})$	2801664
12	$\mathcal{O}(0; \{2^8, 3, 4, 6^4, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6^4, 12^7\})$	1398016
12	$\mathcal{O}(0; \{3^7, 4, 6^4, 12^7\})$	11184896
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 6^4, 12^7\})$	699392
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6^4, 12^7\})$	5592064
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6^4, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^5, 12^7\})$	699136
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^5, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^5, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^6, 4, 6^6, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^6, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^3, 4^3, 6^6, 12^7\})$	1397760
12	$\mathcal{O}(0; \{4^5, 6^6, 12^7\})$	5591040
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^7, 12^7\})$	1398016
12	$\mathcal{O}(0; \{3, 4^3, 6^7, 12^7\})$	5592064
12	$\mathcal{O}(0; \{3^2, 4, 6^8, 12^7\})$	5592320
12	$\mathcal{O}(0; \{2, 4, 6^9, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^{13}, 3^2, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^9, 3^5, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^5, 3^8, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2, 3^{11}, 12^8\})$	22369536
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^2, 12^8\})$	175104
12	$\mathcal{O}(0; \{2^6, 3^5, 4^2, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3^8, 4^2, 12^8\})$	11185152
12	$\mathcal{O}(0; \{2^7, 3^2, 4^4, 12^8\})$	700416
12	$\mathcal{O}(0; \{2^3, 3^5, 4^4, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2^4, 3^2, 4^6, 12^8\})$	2801664
12	$\mathcal{O}(0; \{3^5, 4^6, 12^8\})$	22364160
12	$\mathcal{O}(0; \{2, 3^2, 4^8, 12^8\})$	11206656
12	$\mathcal{O}(0; \{2^{14}, 6, 12^8\})$	21760
12	$\mathcal{O}(0; \{2^{10}, 3^3, 6, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^6, 3^6, 6, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^2, 3^9, 6, 12^8\})$	11184896
12	$\mathcal{O}(0; \{2^{11}, 4^2, 6, 12^8\})$	87040
12	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 6, 12^8\})$	699392
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 6, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2^8, 4^4, 6, 12^8\})$	348160

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 6, 12^8\})$	2797568
12	$\mathcal{O}(0; \{3^6, 4^4, 6, 12^8\})$	22368256
12	$\mathcal{O}(0; \{2^5, 4^6, 6, 12^8\})$	1392640
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 6, 12^8\})$	11190272
12	$\mathcal{O}(0; \{2^2, 4^8, 6, 12^8\})$	5570560
12	$\mathcal{O}(0; \{2^{11}, 3, 6^2, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^7, 3^4, 6^2, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^3, 3^7, 6^2, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6^2, 12^8\})$	349184
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6^2, 12^8\})$	2796544
12	$\mathcal{O}(0; \{3^7, 4^2, 6^2, 12^8\})$	22369280
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6^2, 12^8\})$	1396736
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6^2, 12^8\})$	11186176
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 6^2, 12^8\})$	5586944
12	$\mathcal{O}(0; \{2^8, 3^2, 6^3, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^4, 3^5, 6^3, 12^8\})$	2796288
12	$\mathcal{O}(0; \{3^8, 6^3, 12^8\})$	22369536
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^3, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^3, 12^8\})$	11185152
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^3, 12^8\})$	5591040
12	$\mathcal{O}(0; \{2^9, 6^4, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^5, 3^3, 6^4, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2, 3^6, 6^4, 12^8\})$	11184896
12	$\mathcal{O}(0; \{2^6, 4^2, 6^4, 12^8\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^4, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2^3, 4^4, 6^4, 12^8\})$	2797568
12	$\mathcal{O}(0; \{4^6, 6^4, 12^8\})$	11190272
12	$\mathcal{O}(0; \{2^6, 3, 6^5, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^2, 3^4, 6^5, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^5, 12^8\})$	2796544
12	$\mathcal{O}(0; \{3, 4^4, 6^5, 12^8\})$	11186176
12	$\mathcal{O}(0; \{2^3, 3^2, 6^6, 12^8\})$	2796288
12	$\mathcal{O}(0; \{3^2, 4^2, 6^6, 12^8\})$	11185152
12	$\mathcal{O}(0; \{2^4, 6^7, 12^8\})$	1398016
12	$\mathcal{O}(0; \{3^3, 6^7, 12^8\})$	11184896
12	$\mathcal{O}(0; \{2, 4^2, 6^7, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2, 3, 6^8, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^{11}, 3, 4, 12^9\})$	175104
12	$\mathcal{O}(0; \{2^7, 3^4, 4, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^3, 3^7, 4, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2^8, 3, 4^3, 12^9\})$	700416
12	$\mathcal{O}(0; \{2^4, 3^4, 4^3, 12^9\})$	5591040
12	$\mathcal{O}(0; \{3^7, 4^3, 12^9\})$	44740608

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3, 4^5, 12^9\})$	2801664
12	$\mathcal{O}(0; \{2, 3^4, 4^5, 12^9\})$	22364160
12	$\mathcal{O}(0; \{2^2, 3, 4^7, 12^9\})$	11206656
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 6, 12^9\})$	699392
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 6, 12^9\})$	5592064
12	$\mathcal{O}(0; \{3^8, 4, 6, 12^9\})$	44739584
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 6, 12^9\})$	2797568
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 6, 12^9\})$	22368256
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 6, 12^9\})$	11190272
12	$\mathcal{O}(0; \{2^9, 4, 6^2, 12^9\})$	349184
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6^2, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2, 3^6, 4, 6^2, 12^9\})$	22369280
12	$\mathcal{O}(0; \{2^6, 4^3, 6^2, 12^9\})$	1396736
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6^2, 12^9\})$	11186176
12	$\mathcal{O}(0; \{2^3, 4^5, 6^2, 12^9\})$	5586944
12	$\mathcal{O}(0; \{4^7, 6^2, 12^9\})$	22347776
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^3, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^3, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^3, 12^9\})$	5591040
12	$\mathcal{O}(0; \{3, 4^5, 6^3, 12^9\})$	22364160
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^4, 12^9\})$	5592064
12	$\mathcal{O}(0; \{3^2, 4^3, 6^4, 12^9\})$	22368256
12	$\mathcal{O}(0; \{2^4, 4, 6^5, 12^9\})$	2796544
12	$\mathcal{O}(0; \{3^3, 4, 6^5, 12^9\})$	22369280
12	$\mathcal{O}(0; \{2, 4^3, 6^5, 12^9\})$	11186176
12	$\mathcal{O}(0; \{2, 3, 4, 6^6, 12^9\})$	11185152
12	$\mathcal{O}(0; \{2^{12}, 12^{10}\})$	175104
12	$\mathcal{O}(0; \{2^8, 3^3, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2^4, 3^6, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{3^9, 12^{10}\})$	89478144
12	$\mathcal{O}(0; \{2^9, 4^2, 12^{10}\})$	700416
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 12^{10}\})$	44740608
12	$\mathcal{O}(0; \{2^6, 4^4, 12^{10}\})$	2801664
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 12^{10}\})$	22364160
12	$\mathcal{O}(0; \{2^3, 4^6, 12^{10}\})$	11206656
12	$\mathcal{O}(0; \{4^8, 12^{10}\})$	44826624
12	$\mathcal{O}(0; \{2^9, 3, 6, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{2^5, 3^4, 6, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2, 3^7, 6, 12^{10}\})$	44739584
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6, 12^{10}\})$	22368256
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6, 12^{10}\})$	11190272

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3, 4^6, 6, 12^{10}\})$	44761088
12	$\mathcal{O}(0; \{2^6, 3^2, 6^2, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2^2, 3^5, 6^2, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^2, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{3^2, 4^4, 6^2, 12^{10}\})$	44744704
12	$\mathcal{O}(0; \{2^7, 6^3, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2^3, 3^3, 6^3, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^4, 4^2, 6^3, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{3^3, 4^2, 6^3, 12^{10}\})$	44740608
12	$\mathcal{O}(0; \{2, 4^4, 6^3, 12^{10}\})$	22364160
12	$\mathcal{O}(0; \{2^4, 3, 6^4, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{3^4, 6^4, 12^{10}\})$	44739584
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^4, 12^{10}\})$	22368256
12	$\mathcal{O}(0; \{2, 3^2, 6^5, 12^{10}\})$	22369280
12	$\mathcal{O}(0; \{2^2, 6^6, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 12^{11}\})$	44740608
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 12^{11}\})$	22364160
12	$\mathcal{O}(0; \{3^2, 4^5, 12^{11}\})$	89456640
12	$\mathcal{O}(0; \{2^7, 4, 6, 12^{11}\})$	2797568
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{2^4, 4^3, 6, 12^{11}\})$	11190272
12	$\mathcal{O}(0; \{3^3, 4^3, 6, 12^{11}\})$	89473024
12	$\mathcal{O}(0; \{2, 4^5, 6, 12^{11}\})$	44761088
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^2, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{3^4, 4, 6^2, 12^{11}\})$	89477120
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^2, 12^{11}\})$	44744704
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^3, 12^{11}\})$	44740608
12	$\mathcal{O}(0; \{2^2, 4, 6^4, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{2^7, 3, 12^{12}\})$	5591040
12	$\mathcal{O}(0; \{2^3, 3^4, 12^{12}\})$	44740608
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 12^{12}\})$	22364160
12	$\mathcal{O}(0; \{3^4, 4^2, 12^{12}\})$	178962432
12	$\mathcal{O}(0; \{2, 3, 4^4, 12^{12}\})$	89456640
12	$\mathcal{O}(0; \{2^4, 3^2, 6, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{3^5, 6, 12^{12}\})$	178958336
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6, 12^{12}\})$	89473024
12	$\mathcal{O}(0; \{2^5, 6^2, 12^{12}\})$	11186176
12	$\mathcal{O}(0; \{2, 3^3, 6^2, 12^{12}\})$	89477120
12	$\mathcal{O}(0; \{2^2, 4^2, 6^2, 12^{12}\})$	44744704
12	$\mathcal{O}(0; \{2^2, 3, 6^3, 12^{12}\})$	44740608
12	$\mathcal{O}(0; \{6^5, 12^{12}\})$	89477120
12	$\mathcal{O}(0; \{2^5, 4, 12^{13}\})$	22364160

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^3, 4, 12^{13}\})$	178962432
12	$\mathcal{O}(0; \{2^2, 4^3, 12^{13}\})$	89456640
12	$\mathcal{O}(0; \{2^2, 3, 4, 6, 12^{13}\})$	89473024
12	$\mathcal{O}(0; \{4, 6^3, 12^{13}\})$	178962432
12	$\mathcal{O}(0; \{2^2, 3^2, 12^{14}\})$	178962432
12	$\mathcal{O}(0; \{2^3, 6, 12^{14}\})$	89473024
12	$\mathcal{O}(0; \{4^2, 6, 12^{14}\})$	357892096
12	$\mathcal{O}(0; \{3, 6^2, 12^{14}\})$	357908480
12	$\mathcal{O}(0; \{3, 4, 12^{15}\})$	715849728
12	$\mathcal{O}(0; \{2, 12^{16}\})$	715849728
13	$\mathcal{O}(2; \{13^{11}\})$	1632389390375172
14	$\mathcal{O}(5; \{2^3, 7, 14\})$	1735527929856
14	$\mathcal{O}(5; \{2, 14^3\})$	8677639649280
14	$\mathcal{O}(4; \{2^2, 7^5\})$	1638125852160
14	$\mathcal{O}(4; \{2^7, 7, 14\})$	8854734336
14	$\mathcal{O}(4; \{7^4, 14^2\})$	9837609847296
14	$\mathcal{O}(4; \{2^5, 14^3\})$	44273671680
14	$\mathcal{O}(3; \{2^6, 7^5\})$	8357784960
14	$\mathcal{O}(3; \{2^{11}, 7, 14\})$	45177216
14	$\mathcal{O}(3; \{2^4, 7^4, 14^2\})$	50191886976
14	$\mathcal{O}(3; \{2^9, 14^3\})$	225886080
14	$\mathcal{O}(3; \{2^2, 7^3, 14^4\})$	301106144640
14	$\mathcal{O}(3; \{7^2, 14^6\})$	1806682045056
14	$\mathcal{O}(2; \{2^{10}, 7^5\})$	42641760
14	$\mathcal{O}(2; \{2^{15}, 7, 14\})$	230496
14	$\mathcal{O}(2; \{2^3, 7^8, 14\})$	55306362720
14	$\mathcal{O}(2; \{2^8, 7^4, 14^2\})$	256081056
14	$\mathcal{O}(2; \{2^{13}, 14^3\})$	1152480
14	$\mathcal{O}(2; \{2, 7^7, 14^3\})$	331838406816
14	$\mathcal{O}(2; \{2^6, 7^3, 14^4\})$	1536255840
14	$\mathcal{O}(2; \{2^4, 7^2, 14^6\})$	9217765536
14	$\mathcal{O}(2; \{2^2, 7, 14^8\})$	55306362720
14	$\mathcal{O}(2; \{14^{10}\})$	331838406816
14	$\mathcal{O}(1; \{2^{14}, 7^5\})$	217560
14	$\mathcal{O}(1; \{2^2, 7^{12}\})$	60949905576
14	$\mathcal{O}(1; \{2^{19}, 7, 14\})$	1176
14	$\mathcal{O}(1; \{2^7, 7^8, 14\})$	282175320
14	$\mathcal{O}(1; \{2^{12}, 7^4, 14^2\})$	1306536
14	$\mathcal{O}(1; \{7^{11}, 14^2\})$	365699432280
14	$\mathcal{O}(1; \{2^{17}, 14^3\})$	5880
14	$\mathcal{O}(1; \{2^5, 7^7, 14^3\})$	1693053096
14	$\mathcal{O}(1; \{2^{10}, 7^3, 14^4\})$	7838040
14	$\mathcal{O}(1; \{2^3, 7^6, 14^5\})$	10158317400

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(1; \{2^8, 7^2, 14^6\})$	47029416
14	$\mathcal{O}(1; \{2, 7^5, 14^7\})$	60949905576
14	$\mathcal{O}(1; \{2^6, 7, 14^8\})$	282175320
14	$\mathcal{O}(1; \{2^4, 14^{10}\})$	1693053096
14	$\mathcal{O}(0; \{2^{18}, 7^5\})$	1110
14	$\mathcal{O}(0; \{2^6, 7^{12}\})$	310968906
14	$\mathcal{O}(0; \{2^{23}, 7, 14\})$	6
14	$\mathcal{O}(0; \{2^{11}, 7^8, 14\})$	1439670
14	$\mathcal{O}(0; \{2^{16}, 7^4, 14^2\})$	6666
14	$\mathcal{O}(0; \{2^4, 7^{11}, 14^2\})$	1865813430
14	$\mathcal{O}(0; \{2^{21}, 14^3\})$	30
14	$\mathcal{O}(0; \{2^9, 7^7, 14^3\})$	8638026
14	$\mathcal{O}(0; \{2^{14}, 7^3, 14^4\})$	39990
14	$\mathcal{O}(0; \{2^2, 7^{10}, 14^4\})$	11194880586
14	$\mathcal{O}(0; \{2^7, 7^6, 14^5\})$	51828150
14	$\mathcal{O}(0; \{2^{12}, 7^2, 14^6\})$	239946
14	$\mathcal{O}(0; \{7^9, 14^6\})$	67169283510
14	$\mathcal{O}(0; \{2^5, 7^5, 14^7\})$	310968906
14	$\mathcal{O}(0; \{2^{10}, 7, 14^8\})$	1439670
14	$\mathcal{O}(0; \{2^3, 7^4, 14^9\})$	1865813430
14	$\mathcal{O}(0; \{2^8, 14^{10}\})$	8638026
14	$\mathcal{O}(0; \{2, 7^3, 14^{11}\})$	11194880586
15	$\mathcal{O}(5; \{3, 15^2\})$	4613203125000
15	$\mathcal{O}(4; \{3^2, 5^4\})$	266540625000
15	$\mathcal{O}(4; \{3^3, 5^2, 15\})$	184528125000
15	$\mathcal{O}(4; \{3^4, 15^2\})$	225534375000
15	$\mathcal{O}(4; \{5, 15^4\})$	3136978125000
15	$\mathcal{O}(3; \{3^5, 5^4\})$	5923125000
15	$\mathcal{O}(3; \{3^6, 5^2, 15\})$	5740875000
15	$\mathcal{O}(3; \{3^7, 15^2\})$	7745625000
15	$\mathcal{O}(3; \{3, 5^5, 15^2\})$	74631375000
15	$\mathcal{O}(3; \{3^2, 5^3, 15^3\})$	93403125000
15	$\mathcal{O}(3; \{3^3, 5, 15^4\})$	97594875000
15	$\mathcal{O}(3; \{15^7\})$	1567258875000
15	$\mathcal{O}(2; \{3^8, 5^4\})$	226395000
15	$\mathcal{O}(2; \{3^2, 5^9\})$	5308335000
15	$\mathcal{O}(2; \{3^9, 5^2, 15\})$	207765000
15	$\mathcal{O}(2; \{3^3, 5^7, 15\})$	3981555000
15	$\mathcal{O}(2; \{3^{10}, 15^2\})$	276615000
15	$\mathcal{O}(2; \{3^4, 5^5, 15^2\})$	3648645000
15	$\mathcal{O}(2; \{3^5, 5^3, 15^3\})$	3570075000
15	$\mathcal{O}(2; \{3^6, 5, 15^4\})$	3532005000
15	$\mathcal{O}(2; \{5^6, 15^4\})$	63701235000

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(2; \{3, 5^4, 15^5\})$	58391685000
15	$\mathcal{O}(2; \{3^2, 5^2, 15^6\})$	57068955000
15	$\mathcal{O}(2; \{3^3, 15^7\})$	56719845000
15	$\mathcal{O}(1; \{3^{11}, 5^4\})$	7979400
15	$\mathcal{O}(1; \{3^5, 5^9\})$	117963000
15	$\mathcal{O}(1; \{3^{12}, 5^2, 15\})$	7371000
15	$\mathcal{O}(1; \{3^6, 5^7, 15\})$	123870600
15	$\mathcal{O}(1; \{3^{13}, 15^2\})$	9829800
15	$\mathcal{O}(1; \{3^7, 5^5, 15^2\})$	125307000
15	$\mathcal{O}(1; \{3, 5^{10}, 15^2\})$	1509949800
15	$\mathcal{O}(1; \{3^8, 5^3, 15^3\})$	125829000
15	$\mathcal{O}(1; \{3^2, 5^8, 15^3\})$	1887435000
15	$\mathcal{O}(1; \{3^9, 5, 15^4\})$	125307000
15	$\mathcal{O}(1; \{3^3, 5^6, 15^4\})$	1981816200
15	$\mathcal{O}(1; \{3^4, 5^4, 15^5\})$	2005371000
15	$\mathcal{O}(1; \{3^5, 5^2, 15^6\})$	2011422600
15	$\mathcal{O}(1; \{3^6, 15^7\})$	2012283000
15	$\mathcal{O}(1; \{5^5, 15^7\})$	31708945800
15	$\mathcal{O}(1; \{3, 5^3, 15^8\})$	32086395000
15	$\mathcal{O}(1; \{3^2, 5, 15^9\})$	32180920200
15	$\mathcal{O}(0; \{3^{14}, 5^4\})$	284024
15	$\mathcal{O}(0; \{3^8, 5^9\})$	4508808
15	$\mathcal{O}(0; \{3^2, 5^{14}\})$	107374184
15	$\mathcal{O}(0; \{3^{15}, 5^2, 15\})$	262152
15	$\mathcal{O}(0; \{3^9, 5^7, 15\})$	4482936
15	$\mathcal{O}(0; \{3^3, 5^{12}, 15\})$	80530632
15	$\mathcal{O}(0; \{3^{16}, 15^2\})$	349528
15	$\mathcal{O}(0; \{3^{10}, 5^5, 15^2\})$	4475016
15	$\mathcal{O}(0; \{3^4, 5^{10}, 15^2\})$	73819768
15	$\mathcal{O}(0; \{3^{11}, 5^3, 15^3\})$	4478840
15	$\mathcal{O}(0; \{3^5, 5^8, 15^3\})$	72141960
15	$\mathcal{O}(0; \{3^{12}, 5, 15^4\})$	4456584
15	$\mathcal{O}(0; \{3^6, 5^6, 15^4\})$	71722872
15	$\mathcal{O}(0; \{5^{11}, 15^4\})$	1288490184
15	$\mathcal{O}(0; \{3^7, 5^4, 15^5\})$	71616648
15	$\mathcal{O}(0; \{3, 5^9, 15^5\})$	1181116024
15	$\mathcal{O}(0; \{3^8, 5^2, 15^6\})$	71595896
15	$\mathcal{O}(0; \{3^2, 5^7, 15^6\})$	1154272392
15	$\mathcal{O}(0; \{3^9, 15^7\})$	71567496
15	$\mathcal{O}(0; \{3^3, 5^5, 15^7\})$	1147561848
15	$\mathcal{O}(0; \{3^4, 5^3, 15^8\})$	1145882760
15	$\mathcal{O}(0; \{3^5, 5, 15^9\})$	1145468792
15	$\mathcal{O}(0; \{5^4, 15^{10}\})$	18360985464

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{3, 5^2, 15^{11}\})$	18334140552
15	$\mathcal{O}(0; \{3^2, 15^{12}\})$	18327435128
16	$\mathcal{O}(5; \{16^2\})$	8796093022208
16	$\mathcal{O}(4; \{2^4, 16^2\})$	34359738368
16	$\mathcal{O}(4; \{2, 4^2, 16^2\})$	137438953472
16	$\mathcal{O}(3; \{2^8, 16^2\})$	134217728
16	$\mathcal{O}(3; \{2^5, 4^2, 16^2\})$	536870912
16	$\mathcal{O}(3; \{2^2, 4^4, 16^2\})$	2147483648
16	$\mathcal{O}(3; \{2^3, 4, 8^2, 16^2\})$	4294967296
16	$\mathcal{O}(3; \{4^3, 8^2, 16^2\})$	17179869184
16	$\mathcal{O}(3; \{2, 8^4, 16^2\})$	34359738368
16	$\mathcal{O}(3; \{2, 4, 8, 16^4\})$	68719476736
16	$\mathcal{O}(2; \{2^{12}, 16^2\})$	524288
16	$\mathcal{O}(2; \{2^9, 4^2, 16^2\})$	2097152
16	$\mathcal{O}(2; \{2^6, 4^4, 16^2\})$	8388608
16	$\mathcal{O}(2; \{2^3, 4^6, 16^2\})$	33554432
16	$\mathcal{O}(2; \{4^8, 16^2\})$	134217728
16	$\mathcal{O}(2; \{2^7, 4, 8^2, 16^2\})$	16777216
16	$\mathcal{O}(2; \{2^4, 4^3, 8^2, 16^2\})$	67108864
16	$\mathcal{O}(2; \{2, 4^5, 8^2, 16^2\})$	268435456
16	$\mathcal{O}(2; \{2^5, 8^4, 16^2\})$	134217728
16	$\mathcal{O}(2; \{2^2, 4^2, 8^4, 16^2\})$	536870912
16	$\mathcal{O}(2; \{4, 8^6, 16^2\})$	4294967296
16	$\mathcal{O}(2; \{2^5, 4, 8, 16^4\})$	268435456
16	$\mathcal{O}(2; \{2^2, 4^3, 8, 16^4\})$	1073741824
16	$\mathcal{O}(2; \{2^3, 8^3, 16^4\})$	2147483648
16	$\mathcal{O}(2; \{4^2, 8^3, 16^4\})$	8589934592
16	$\mathcal{O}(2; \{2^3, 4, 16^6\})$	4294967296
16	$\mathcal{O}(2; \{4^3, 16^6\})$	17179869184
16	$\mathcal{O}(2; \{2, 8^2, 16^6\})$	34359738368
16	$\mathcal{O}(1; \{2^{16}, 16^2\})$	2048
16	$\mathcal{O}(1; \{2^{13}, 4^2, 16^2\})$	8192
16	$\mathcal{O}(1; \{2^{10}, 4^4, 16^2\})$	32768
16	$\mathcal{O}(1; \{2^7, 4^6, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^4, 4^8, 16^2\})$	524288
16	$\mathcal{O}(1; \{2, 4^{10}, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2^{11}, 4, 8^2, 16^2\})$	65536
16	$\mathcal{O}(1; \{2^8, 4^3, 8^2, 16^2\})$	262144
16	$\mathcal{O}(1; \{2^5, 4^5, 8^2, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2^2, 4^7, 8^2, 16^2\})$	4194304
16	$\mathcal{O}(1; \{2^9, 8^4, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^6, 4^2, 8^4, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2^3, 4^4, 8^4, 16^2\})$	8388608

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{4^6, 8^4, 16^2\})$	33554432
16	$\mathcal{O}(1; \{2^4, 4, 8^6, 16^2\})$	16777216
16	$\mathcal{O}(1; \{2, 4^3, 8^6, 16^2\})$	67108864
16	$\mathcal{O}(1; \{2^2, 8^8, 16^2\})$	134217728
16	$\mathcal{O}(1; \{2^9, 4, 8, 16^4\})$	1048576
16	$\mathcal{O}(1; \{2^6, 4^3, 8, 16^4\})$	4194304
16	$\mathcal{O}(1; \{2^3, 4^5, 8, 16^4\})$	16777216
16	$\mathcal{O}(1; \{4^7, 8, 16^4\})$	67108864
16	$\mathcal{O}(1; \{2^7, 8^3, 16^4\})$	8388608
16	$\mathcal{O}(1; \{2^4, 4^2, 8^3, 16^4\})$	33554432
16	$\mathcal{O}(1; \{2, 4^4, 8^3, 16^4\})$	134217728
16	$\mathcal{O}(1; \{2^2, 4, 8^5, 16^4\})$	268435456
16	$\mathcal{O}(1; \{8^7, 16^4\})$	2147483648
16	$\mathcal{O}(1; \{2^7, 4, 16^6\})$	16777216
16	$\mathcal{O}(1; \{2^4, 4^3, 16^6\})$	67108864
16	$\mathcal{O}(1; \{2, 4^5, 16^6\})$	268435456
16	$\mathcal{O}(1; \{2^5, 8^2, 16^6\})$	134217728
16	$\mathcal{O}(1; \{2^2, 4^2, 8^2, 16^6\})$	536870912
16	$\mathcal{O}(1; \{4, 8^4, 16^6\})$	4294967296
16	$\mathcal{O}(1; \{2^3, 8, 16^8\})$	2147483648
16	$\mathcal{O}(1; \{4^2, 8, 16^8\})$	8589934592
16	$\mathcal{O}(1; \{2, 16^{10}\})$	34359738368
16	$\mathcal{O}(0; \{2^{20}, 16^2\})$	8
16	$\mathcal{O}(0; \{2^{17}, 4^2, 16^2\})$	32
16	$\mathcal{O}(0; \{2^{14}, 4^4, 16^2\})$	128
16	$\mathcal{O}(0; \{2^{11}, 4^6, 16^2\})$	512
16	$\mathcal{O}(0; \{2^8, 4^8, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^5, 4^{10}, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^2, 4^{12}, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^{15}, 4, 8^2, 16^2\})$	256
16	$\mathcal{O}(0; \{2^{12}, 4^3, 8^2, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^9, 4^5, 8^2, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^6, 4^7, 8^2, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^3, 4^9, 8^2, 16^2\})$	65536
16	$\mathcal{O}(0; \{4^{11}, 8^2, 16^2\})$	262144
16	$\mathcal{O}(0; \{2^{13}, 8^4, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^{10}, 4^2, 8^4, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^7, 4^4, 8^4, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^4, 4^6, 8^4, 16^2\})$	131072
16	$\mathcal{O}(0; \{2, 4^8, 8^4, 16^2\})$	524288
16	$\mathcal{O}(0; \{2^8, 4, 8^6, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^5, 4^3, 8^6, 16^2\})$	262144
16	$\mathcal{O}(0; \{2^2, 4^5, 8^6, 16^2\})$	1048576

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{2^6, 8^8, 16^2\})$	524288
16	$\mathcal{O}(0; \{2^3, 4^2, 8^8, 16^2\})$	2097152
16	$\mathcal{O}(0; \{4^4, 8^8, 16^2\})$	8388608
16	$\mathcal{O}(0; \{2, 4, 8^{10}, 16^2\})$	16777216
16	$\mathcal{O}(0; \{2^{13}, 4, 8, 16^4\})$	4096
16	$\mathcal{O}(0; \{2^{10}, 4^3, 8, 16^4\})$	16384
16	$\mathcal{O}(0; \{2^7, 4^5, 8, 16^4\})$	65536
16	$\mathcal{O}(0; \{2^4, 4^7, 8, 16^4\})$	262144
16	$\mathcal{O}(0; \{2, 4^9, 8, 16^4\})$	1048576
16	$\mathcal{O}(0; \{2^{11}, 8^3, 16^4\})$	32768
16	$\mathcal{O}(0; \{2^8, 4^2, 8^3, 16^4\})$	131072
16	$\mathcal{O}(0; \{2^5, 4^4, 8^3, 16^4\})$	524288
16	$\mathcal{O}(0; \{2^2, 4^6, 8^3, 16^4\})$	2097152
16	$\mathcal{O}(0; \{2^6, 4, 8^5, 16^4\})$	1048576
16	$\mathcal{O}(0; \{2^3, 4^3, 8^5, 16^4\})$	4194304
16	$\mathcal{O}(0; \{4^5, 8^5, 16^4\})$	16777216
16	$\mathcal{O}(0; \{2^4, 8^7, 16^4\})$	8388608
16	$\mathcal{O}(0; \{2, 4^2, 8^7, 16^4\})$	33554432
16	$\mathcal{O}(0; \{2^{11}, 4, 16^6\})$	65536
16	$\mathcal{O}(0; \{2^8, 4^3, 16^6\})$	262144
16	$\mathcal{O}(0; \{2^5, 4^5, 16^6\})$	1048576
16	$\mathcal{O}(0; \{2^2, 4^7, 16^6\})$	4194304
16	$\mathcal{O}(0; \{2^9, 8^2, 16^6\})$	524288
16	$\mathcal{O}(0; \{2^6, 4^2, 8^2, 16^6\})$	2097152
16	$\mathcal{O}(0; \{2^3, 4^4, 8^2, 16^6\})$	8388608
16	$\mathcal{O}(0; \{4^6, 8^2, 16^6\})$	33554432
16	$\mathcal{O}(0; \{2^4, 4, 8^4, 16^6\})$	16777216
16	$\mathcal{O}(0; \{2, 4^3, 8^4, 16^6\})$	67108864
16	$\mathcal{O}(0; \{2^2, 8^6, 16^6\})$	134217728
16	$\mathcal{O}(0; \{2^7, 8, 16^8\})$	8388608
16	$\mathcal{O}(0; \{2^4, 4^2, 8, 16^8\})$	33554432
16	$\mathcal{O}(0; \{2, 4^4, 8, 16^8\})$	134217728
16	$\mathcal{O}(0; \{2^2, 4, 8^3, 16^8\})$	268435456
16	$\mathcal{O}(0; \{8^5, 16^8\})$	2147483648
16	$\mathcal{O}(0; \{2^5, 16^{10}\})$	134217728
16	$\mathcal{O}(0; \{2^2, 4^2, 16^{10}\})$	536870912
16	$\mathcal{O}(0; \{4, 8^2, 16^{10}\})$	4294967296
17	$\mathcal{O}(0; \{17^{12}\})$	16557351571216
18	$\mathcal{O}(4; \{2^2, 9^2\})$	66119763456
18	$\mathcal{O}(4; \{9, 18^2\})$	198359290368
18	$\mathcal{O}(3; \{2^6, 9^2\})$	204073344
18	$\mathcal{O}(3; \{2^2, 3^3, 9^2\})$	1632586752
18	$\mathcal{O}(3; \{2^3, 3, 6, 9^2\})$	816293376

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(3; \{3^2, 6^2, 9^2\})$	3265173504
18	$\mathcal{O}(3; \{2, 6^3, 9^2\})$	1632586752
18	$\mathcal{O}(3; \{2, 3, 9^3, 18\})$	11019960576
18	$\mathcal{O}(3; \{2^4, 9, 18^2\})$	612220032
18	$\mathcal{O}(3; \{3^3, 9, 18^2\})$	4897760256
18	$\mathcal{O}(3; \{2, 3, 6, 9, 18^2\})$	2448880128
18	$\mathcal{O}(3; \{2^2, 18^4\})$	5509980288
18	$\mathcal{O}(2; \{2^{10}, 9^2\})$	629856
18	$\mathcal{O}(2; \{2^6, 3^3, 9^2\})$	5038848
18	$\mathcal{O}(2; \{2^2, 3^6, 9^2\})$	40310784
18	$\mathcal{O}(2; \{2^7, 3, 6, 9^2\})$	2519424
18	$\mathcal{O}(2; \{2^3, 3^4, 6, 9^2\})$	20155392
18	$\mathcal{O}(2; \{2^4, 3^2, 6^2, 9^2\})$	10077696
18	$\mathcal{O}(2; \{3^5, 6^2, 9^2\})$	80621568
18	$\mathcal{O}(2; \{2^5, 6^3, 9^2\})$	5038848
18	$\mathcal{O}(2; \{2, 3^3, 6^3, 9^2\})$	40310784
18	$\mathcal{O}(2; \{2^2, 3, 6^4, 9^2\})$	20155392
18	$\mathcal{O}(2; \{6^6, 9^2\})$	40310784
18	$\mathcal{O}(2; \{2^2, 3^2, 9^5\})$	340122240
18	$\mathcal{O}(2; \{2^3, 6, 9^5\})$	170061120
18	$\mathcal{O}(2; \{3, 6^2, 9^5\})$	680244480
18	$\mathcal{O}(2; \{2^5, 3, 9^3, 18\})$	34012224
18	$\mathcal{O}(2; \{2, 3^4, 9^3, 18\})$	272097792
18	$\mathcal{O}(2; \{2^2, 3^2, 6, 9^3, 18\})$	136048896
18	$\mathcal{O}(2; \{2^3, 6^2, 9^3, 18\})$	68024448
18	$\mathcal{O}(2; \{3, 6^3, 9^3, 18\})$	272097792
18	$\mathcal{O}(2; \{2, 9^6, 18\})$	3214155168
18	$\mathcal{O}(2; \{2^8, 9, 18^2\})$	1889568
18	$\mathcal{O}(2; \{2^4, 3^3, 9, 18^2\})$	15116544
18	$\mathcal{O}(2; \{3^6, 9, 18^2\})$	120932352
18	$\mathcal{O}(2; \{2^5, 3, 6, 9, 18^2\})$	7558272
18	$\mathcal{O}(2; \{2, 3^4, 6, 9, 18^2\})$	60466176
18	$\mathcal{O}(2; \{2^2, 3^2, 6^2, 9, 18^2\})$	30233088
18	$\mathcal{O}(2; \{2^3, 6^3, 9, 18^2\})$	15116544
18	$\mathcal{O}(2; \{3, 6^4, 9, 18^2\})$	60466176
18	$\mathcal{O}(2; \{3^2, 9^4, 18^2\})$	2244806784
18	$\mathcal{O}(2; \{2, 6, 9^4, 18^2\})$	1122403392
18	$\mathcal{O}(2; \{2^3, 3, 9^2, 18^3\})$	170061120
18	$\mathcal{O}(2; \{3^2, 6, 9^2, 18^3\})$	680244480
18	$\mathcal{O}(2; \{2, 6^2, 9^2, 18^3\})$	340122240
18	$\mathcal{O}(2; \{2^6, 18^4\})$	17006112
18	$\mathcal{O}(2; \{2^2, 3^3, 18^4\})$	136048896
18	$\mathcal{O}(2; \{2^3, 3, 6, 18^4\})$	68024448

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{3^2, 6^2, 18^4\})$	272097792
18	$\mathcal{O}(2; \{2, 6^3, 18^4\})$	136048896
18	$\mathcal{O}(2; \{2, 3, 9, 18^5\})$	1122403392
18	$\mathcal{O}(1; \{2^{14}, 9^2\})$	1944
18	$\mathcal{O}(1; \{2^{10}, 3^3, 9^2\})$	15552
18	$\mathcal{O}(1; \{2^6, 3^6, 9^2\})$	124416
18	$\mathcal{O}(1; \{2^2, 3^9, 9^2\})$	995328
18	$\mathcal{O}(1; \{2^{11}, 3, 6, 9^2\})$	7776
18	$\mathcal{O}(1; \{2^7, 3^4, 6, 9^2\})$	62208
18	$\mathcal{O}(1; \{2^3, 3^7, 6, 9^2\})$	497664
18	$\mathcal{O}(1; \{2^8, 3^2, 6^2, 9^2\})$	31104
18	$\mathcal{O}(1; \{2^4, 3^5, 6^2, 9^2\})$	248832
18	$\mathcal{O}(1; \{3^8, 6^2, 9^2\})$	1990656
18	$\mathcal{O}(1; \{2^9, 6^3, 9^2\})$	15552
18	$\mathcal{O}(1; \{2^5, 3^3, 6^3, 9^2\})$	124416
18	$\mathcal{O}(1; \{2, 3^6, 6^3, 9^2\})$	995328
18	$\mathcal{O}(1; \{2^6, 3, 6^4, 9^2\})$	62208
18	$\mathcal{O}(1; \{2^2, 3^4, 6^4, 9^2\})$	497664
18	$\mathcal{O}(1; \{2^3, 3^2, 6^5, 9^2\})$	248832
18	$\mathcal{O}(1; \{2^4, 6^6, 9^2\})$	124416
18	$\mathcal{O}(1; \{3^3, 6^6, 9^2\})$	995328
18	$\mathcal{O}(1; \{2, 3, 6^7, 9^2\})$	497664
18	$\mathcal{O}(1; \{2^6, 3^2, 9^5\})$	1049760
18	$\mathcal{O}(1; \{2^2, 3^5, 9^5\})$	8398080
18	$\mathcal{O}(1; \{2^7, 6, 9^5\})$	524880
18	$\mathcal{O}(1; \{2^3, 3^3, 6, 9^5\})$	4199040
18	$\mathcal{O}(1; \{2^4, 3, 6^2, 9^5\})$	2099520
18	$\mathcal{O}(1; \{3^4, 6^2, 9^5\})$	16796160
18	$\mathcal{O}(1; \{2, 3^2, 6^3, 9^5\})$	8398080
18	$\mathcal{O}(1; \{2^2, 6^4, 9^5\})$	4199040
18	$\mathcal{O}(1; \{2^2, 3, 9^8\})$	121877136
18	$\mathcal{O}(1; \{6^2, 9^8\})$	243754272
18	$\mathcal{O}(1; \{2^9, 3, 9^3, 18\})$	104976
18	$\mathcal{O}(1; \{2^5, 3^4, 9^3, 18\})$	839808
18	$\mathcal{O}(1; \{2, 3^7, 9^3, 18\})$	6718464
18	$\mathcal{O}(1; \{2^6, 3^2, 6, 9^3, 18\})$	419904
18	$\mathcal{O}(1; \{2^2, 3^5, 6, 9^3, 18\})$	3359232
18	$\mathcal{O}(1; \{2^7, 6^2, 9^3, 18\})$	209952
18	$\mathcal{O}(1; \{2^3, 3^3, 6^2, 9^3, 18\})$	1679616
18	$\mathcal{O}(1; \{2^4, 3, 6^3, 9^3, 18\})$	839808
18	$\mathcal{O}(1; \{3^4, 6^3, 9^3, 18\})$	6718464
18	$\mathcal{O}(1; \{2, 3^2, 6^4, 9^3, 18\})$	3359232
18	$\mathcal{O}(1; \{2^2, 6^5, 9^3, 18\})$	1679616

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^5, 9^6, 18\})$	9920232
18	$\mathcal{O}(1; \{2, 3^3, 9^6, 18\})$	79361856
18	$\mathcal{O}(1; \{2^2, 3, 6, 9^6, 18\})$	39680928
18	$\mathcal{O}(1; \{6^3, 9^6, 18\})$	79361856
18	$\mathcal{O}(1; \{2^{12}, 9, 18^2\})$	5832
18	$\mathcal{O}(1; \{2^8, 3^3, 9, 18^2\})$	46656
18	$\mathcal{O}(1; \{2^4, 3^6, 9, 18^2\})$	373248
18	$\mathcal{O}(1; \{3^9, 9, 18^2\})$	2985984
18	$\mathcal{O}(1; \{2^9, 3, 6, 9, 18^2\})$	23328
18	$\mathcal{O}(1; \{2^5, 3^4, 6, 9, 18^2\})$	186624
18	$\mathcal{O}(1; \{2, 3^7, 6, 9, 18^2\})$	1492992
18	$\mathcal{O}(1; \{2^6, 3^2, 6^2, 9, 18^2\})$	93312
18	$\mathcal{O}(1; \{2^2, 3^5, 6^2, 9, 18^2\})$	746496
18	$\mathcal{O}(1; \{2^7, 6^3, 9, 18^2\})$	46656
18	$\mathcal{O}(1; \{2^3, 3^3, 6^3, 9, 18^2\})$	373248
18	$\mathcal{O}(1; \{2^4, 3, 6^4, 9, 18^2\})$	186624
18	$\mathcal{O}(1; \{3^4, 6^4, 9, 18^2\})$	1492992
18	$\mathcal{O}(1; \{2, 3^2, 6^5, 9, 18^2\})$	746496
18	$\mathcal{O}(1; \{2^2, 6^6, 9, 18^2\})$	373248
18	$\mathcal{O}(1; \{2^4, 3^2, 9^4, 18^2\})$	6928416
18	$\mathcal{O}(1; \{3^5, 9^4, 18^2\})$	55427328
18	$\mathcal{O}(1; \{2^5, 6, 9^4, 18^2\})$	3464208
18	$\mathcal{O}(1; \{2, 3^3, 6, 9^4, 18^2\})$	27713664
18	$\mathcal{O}(1; \{2^2, 3, 6^2, 9^4, 18^2\})$	13856832
18	$\mathcal{O}(1; \{6^4, 9^4, 18^2\})$	27713664
18	$\mathcal{O}(1; \{3, 9^7, 18^2\})$	722759760
18	$\mathcal{O}(1; \{2^7, 3, 9^2, 18^3\})$	524880
18	$\mathcal{O}(1; \{2^3, 3^4, 9^2, 18^3\})$	4199040
18	$\mathcal{O}(1; \{2^4, 3^2, 6, 9^2, 18^3\})$	2099520
18	$\mathcal{O}(1; \{3^5, 6, 9^2, 18^3\})$	16796160
18	$\mathcal{O}(1; \{2^5, 6^2, 9^2, 18^3\})$	1049760
18	$\mathcal{O}(1; \{2, 3^3, 6^2, 9^2, 18^3\})$	8398080
18	$\mathcal{O}(1; \{2^2, 3, 6^3, 9^2, 18^3\})$	4199040
18	$\mathcal{O}(1; \{6^5, 9^2, 18^3\})$	8398080
18	$\mathcal{O}(1; \{2^3, 9^5, 18^3\})$	60938568
18	$\mathcal{O}(1; \{3, 6, 9^5, 18^3\})$	243754272
18	$\mathcal{O}(1; \{2^{10}, 18^4\})$	52488
18	$\mathcal{O}(1; \{2^6, 3^3, 18^4\})$	419904
18	$\mathcal{O}(1; \{2^2, 3^6, 18^4\})$	3359232
18	$\mathcal{O}(1; \{2^7, 3, 6, 18^4\})$	209952
18	$\mathcal{O}(1; \{2^3, 3^4, 6, 18^4\})$	1679616
18	$\mathcal{O}(1; \{2^4, 3^2, 6^2, 18^4\})$	839808
18	$\mathcal{O}(1; \{3^5, 6^2, 18^4\})$	6718464

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^5, 6^3, 18^4\})$	419904
18	$\mathcal{O}(1; \{2, 3^3, 6^3, 18^4\})$	3359232
18	$\mathcal{O}(1; \{2^2, 3, 6^4, 18^4\})$	1679616
18	$\mathcal{O}(1; \{6^6, 18^4\})$	3359232
18	$\mathcal{O}(1; \{2^2, 3^2, 9^3, 18^4\})$	39680928
18	$\mathcal{O}(1; \{2^3, 6, 9^3, 18^4\})$	19840464
18	$\mathcal{O}(1; \{3, 6^2, 9^3, 18^4\})$	79361856
18	$\mathcal{O}(1; \{2^5, 3, 9, 18^5\})$	3464208
18	$\mathcal{O}(1; \{2, 3^4, 9, 18^5\})$	27713664
18	$\mathcal{O}(1; \{2^2, 3^2, 6, 9, 18^5\})$	13856832
18	$\mathcal{O}(1; \{2^3, 6^2, 9, 18^5\})$	6928416
18	$\mathcal{O}(1; \{3, 6^3, 9, 18^5\})$	27713664
18	$\mathcal{O}(1; \{2, 9^4, 18^5\})$	361379880
18	$\mathcal{O}(1; \{3^2, 9^2, 18^6\})$	243754272
18	$\mathcal{O}(1; \{2, 6, 9^2, 18^6\})$	121877136
18	$\mathcal{O}(1; \{2^3, 3, 18^7\})$	19840464
18	$\mathcal{O}(1; \{3^2, 6, 18^7\})$	79361856
18	$\mathcal{O}(1; \{2, 6^2, 18^7\})$	39680928
18	$\mathcal{O}(0; \{2^{18}, 9^2\})$	6
18	$\mathcal{O}(0; \{2^{14}, 3^3, 9^2\})$	48
18	$\mathcal{O}(0; \{2^{10}, 3^6, 9^2\})$	384
18	$\mathcal{O}(0; \{2^6, 3^9, 9^2\})$	3072
18	$\mathcal{O}(0; \{2^2, 3^{12}, 9^2\})$	24576
18	$\mathcal{O}(0; \{2^{15}, 3, 6, 9^2\})$	24
18	$\mathcal{O}(0; \{2^{11}, 3^4, 6, 9^2\})$	192
18	$\mathcal{O}(0; \{2^7, 3^7, 6, 9^2\})$	1536
18	$\mathcal{O}(0; \{2^3, 3^{10}, 6, 9^2\})$	12288
18	$\mathcal{O}(0; \{2^{12}, 3^2, 6^2, 9^2\})$	96
18	$\mathcal{O}(0; \{2^8, 3^5, 6^2, 9^2\})$	768
18	$\mathcal{O}(0; \{2^4, 3^8, 6^2, 9^2\})$	6144
18	$\mathcal{O}(0; \{3^{11}, 6^2, 9^2\})$	49152
18	$\mathcal{O}(0; \{2^{13}, 6^3, 9^2\})$	48
18	$\mathcal{O}(0; \{2^9, 3^3, 6^3, 9^2\})$	384
18	$\mathcal{O}(0; \{2^5, 3^6, 6^3, 9^2\})$	3072
18	$\mathcal{O}(0; \{2, 3^9, 6^3, 9^2\})$	24576
18	$\mathcal{O}(0; \{2^{10}, 3, 6^4, 9^2\})$	192
18	$\mathcal{O}(0; \{2^6, 3^4, 6^4, 9^2\})$	1536
18	$\mathcal{O}(0; \{2^2, 3^7, 6^4, 9^2\})$	12288
18	$\mathcal{O}(0; \{2^7, 3^2, 6^5, 9^2\})$	768
18	$\mathcal{O}(0; \{2^3, 3^5, 6^5, 9^2\})$	6144
18	$\mathcal{O}(0; \{2^8, 6^6, 9^2\})$	384
18	$\mathcal{O}(0; \{2^4, 3^3, 6^6, 9^2\})$	3072
18	$\mathcal{O}(0; \{3^6, 6^6, 9^2\})$	24576

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^5, 3, 6^7, 9^2\})$	1536
18	$\mathcal{O}(0; \{2, 3^4, 6^7, 9^2\})$	12288
18	$\mathcal{O}(0; \{2^2, 3^2, 6^8, 9^2\})$	6144
18	$\mathcal{O}(0; \{2^3, 6^9, 9^2\})$	3072
18	$\mathcal{O}(0; \{3, 6^{10}, 9^2\})$	12288
18	$\mathcal{O}(0; \{2^{10}, 3^2, 9^5\})$	3240
18	$\mathcal{O}(0; \{2^6, 3^5, 9^5\})$	25920
18	$\mathcal{O}(0; \{2^2, 3^8, 9^5\})$	207360
18	$\mathcal{O}(0; \{2^{11}, 6, 9^5\})$	1620
18	$\mathcal{O}(0; \{2^7, 3^3, 6, 9^5\})$	12960
18	$\mathcal{O}(0; \{2^3, 3^6, 6, 9^5\})$	103680
18	$\mathcal{O}(0; \{2^8, 3, 6^2, 9^5\})$	6480
18	$\mathcal{O}(0; \{2^4, 3^4, 6^2, 9^5\})$	51840
18	$\mathcal{O}(0; \{3^7, 6^2, 9^5\})$	414720
18	$\mathcal{O}(0; \{2^5, 3^2, 6^3, 9^5\})$	25920
18	$\mathcal{O}(0; \{2, 3^5, 6^3, 9^5\})$	207360
18	$\mathcal{O}(0; \{2^6, 6^4, 9^5\})$	12960
18	$\mathcal{O}(0; \{2^2, 3^3, 6^4, 9^5\})$	103680
18	$\mathcal{O}(0; \{2^3, 3, 6^5, 9^5\})$	51840
18	$\mathcal{O}(0; \{3^2, 6^6, 9^5\})$	207360
18	$\mathcal{O}(0; \{2, 6^7, 9^5\})$	103680
18	$\mathcal{O}(0; \{2^6, 3, 9^8\})$	376164
18	$\mathcal{O}(0; \{2^2, 3^4, 9^8\})$	3009312
18	$\mathcal{O}(0; \{2^3, 3^2, 6, 9^8\})$	1504656
18	$\mathcal{O}(0; \{2^4, 6^2, 9^8\})$	752328
18	$\mathcal{O}(0; \{3^3, 6^2, 9^8\})$	6018624
18	$\mathcal{O}(0; \{2, 3, 6^3, 9^8\})$	3009312
18	$\mathcal{O}(0; \{2^2, 9^{11}\})$	40271418
18	$\mathcal{O}(0; \{2^{13}, 3, 9^3, 18\})$	324
18	$\mathcal{O}(0; \{2^9, 3^4, 9^3, 18\})$	2592
18	$\mathcal{O}(0; \{2^5, 3^7, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{2, 3^{10}, 9^3, 18\})$	165888
18	$\mathcal{O}(0; \{2^{10}, 3^2, 6, 9^3, 18\})$	1296
18	$\mathcal{O}(0; \{2^6, 3^5, 6, 9^3, 18\})$	10368
18	$\mathcal{O}(0; \{2^2, 3^8, 6, 9^3, 18\})$	82944
18	$\mathcal{O}(0; \{2^{11}, 6^2, 9^3, 18\})$	648
18	$\mathcal{O}(0; \{2^7, 3^3, 6^2, 9^3, 18\})$	5184
18	$\mathcal{O}(0; \{2^3, 3^6, 6^2, 9^3, 18\})$	41472
18	$\mathcal{O}(0; \{2^8, 3, 6^3, 9^3, 18\})$	2592
18	$\mathcal{O}(0; \{2^4, 3^4, 6^3, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{3^7, 6^3, 9^3, 18\})$	165888
18	$\mathcal{O}(0; \{2^5, 3^2, 6^4, 9^3, 18\})$	10368
18	$\mathcal{O}(0; \{2, 3^5, 6^4, 9^3, 18\})$	82944

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^6, 6^5, 9^3, 18\})$	5184
18	$\mathcal{O}(0; \{2^2, 3^3, 6^5, 9^3, 18\})$	41472
18	$\mathcal{O}(0; \{2^3, 3, 6^6, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{3^2, 6^7, 9^3, 18\})$	82944
18	$\mathcal{O}(0; \{2, 6^8, 9^3, 18\})$	41472
18	$\mathcal{O}(0; \{2^9, 9^6, 18\})$	30618
18	$\mathcal{O}(0; \{2^5, 3^3, 9^6, 18\})$	244944
18	$\mathcal{O}(0; \{2, 3^6, 9^6, 18\})$	1959552
18	$\mathcal{O}(0; \{2^6, 3, 6, 9^6, 18\})$	122472
18	$\mathcal{O}(0; \{2^2, 3^4, 6, 9^6, 18\})$	979776
18	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 9^6, 18\})$	489888
18	$\mathcal{O}(0; \{2^4, 6^3, 9^6, 18\})$	244944
18	$\mathcal{O}(0; \{3^3, 6^3, 9^6, 18\})$	1959552
18	$\mathcal{O}(0; \{2, 3, 6^4, 9^6, 18\})$	979776
18	$\mathcal{O}(0; \{2, 3^2, 9^9, 18\})$	26926344
18	$\mathcal{O}(0; \{2^2, 6, 9^9, 18\})$	13463172
18	$\mathcal{O}(0; \{2^{16}, 9, 18^2\})$	18
18	$\mathcal{O}(0; \{2^{12}, 3^3, 9, 18^2\})$	144
18	$\mathcal{O}(0; \{2^8, 3^6, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{2^4, 3^9, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{3^{12}, 9, 18^2\})$	73728
18	$\mathcal{O}(0; \{2^{13}, 3, 6, 9, 18^2\})$	72
18	$\mathcal{O}(0; \{2^9, 3^4, 6, 9, 18^2\})$	576
18	$\mathcal{O}(0; \{2^5, 3^7, 6, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{2, 3^{10}, 6, 9, 18^2\})$	36864
18	$\mathcal{O}(0; \{2^{10}, 3^2, 6^2, 9, 18^2\})$	288
18	$\mathcal{O}(0; \{2^6, 3^5, 6^2, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{2^2, 3^8, 6^2, 9, 18^2\})$	18432
18	$\mathcal{O}(0; \{2^{11}, 6^3, 9, 18^2\})$	144
18	$\mathcal{O}(0; \{2^7, 3^3, 6^3, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{2^3, 3^6, 6^3, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{2^8, 3, 6^4, 9, 18^2\})$	576
18	$\mathcal{O}(0; \{2^4, 3^4, 6^4, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{3^7, 6^4, 9, 18^2\})$	36864
18	$\mathcal{O}(0; \{2^5, 3^2, 6^5, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{2, 3^5, 6^5, 9, 18^2\})$	18432
18	$\mathcal{O}(0; \{2^6, 6^6, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{2^2, 3^3, 6^6, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{2^3, 3, 6^7, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{3^2, 6^8, 9, 18^2\})$	18432
18	$\mathcal{O}(0; \{2, 6^9, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{2^8, 3^2, 9^4, 18^2\})$	21384
18	$\mathcal{O}(0; \{2^4, 3^5, 9^4, 18^2\})$	171072

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{3^8, 9^4, 18^2\})$	1368576
18	$\mathcal{O}(0; \{2^9, 6, 9^4, 18^2\})$	10692
18	$\mathcal{O}(0; \{2^5, 3^3, 6, 9^4, 18^2\})$	85536
18	$\mathcal{O}(0; \{2, 3^6, 6, 9^4, 18^2\})$	684288
18	$\mathcal{O}(0; \{2^6, 3, 6^2, 9^4, 18^2\})$	42768
18	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 9^4, 18^2\})$	342144
18	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 9^4, 18^2\})$	171072
18	$\mathcal{O}(0; \{2^4, 6^4, 9^4, 18^2\})$	85536
18	$\mathcal{O}(0; \{3^3, 6^4, 9^4, 18^2\})$	684288
18	$\mathcal{O}(0; \{2, 3, 6^5, 9^4, 18^2\})$	342144
18	$\mathcal{O}(0; \{2^4, 3, 9^7, 18^2\})$	2230740
18	$\mathcal{O}(0; \{3^4, 9^7, 18^2\})$	17845920
18	$\mathcal{O}(0; \{2, 3^2, 6, 9^7, 18^2\})$	8922960
18	$\mathcal{O}(0; \{2^2, 6^2, 9^7, 18^2\})$	4461480
18	$\mathcal{O}(0; \{9^{10}, 18^2\})$	241982802
18	$\mathcal{O}(0; \{2^{11}, 3, 9^2, 18^3\})$	1620
18	$\mathcal{O}(0; \{2^7, 3^4, 9^2, 18^3\})$	12960
18	$\mathcal{O}(0; \{2^3, 3^7, 9^2, 18^3\})$	103680
18	$\mathcal{O}(0; \{2^8, 3^2, 6, 9^2, 18^3\})$	6480
18	$\mathcal{O}(0; \{2^4, 3^5, 6, 9^2, 18^3\})$	51840
18	$\mathcal{O}(0; \{3^8, 6, 9^2, 18^3\})$	414720
18	$\mathcal{O}(0; \{2^9, 6^2, 9^2, 18^3\})$	3240
18	$\mathcal{O}(0; \{2^5, 3^3, 6^2, 9^2, 18^3\})$	25920
18	$\mathcal{O}(0; \{2, 3^6, 6^2, 9^2, 18^3\})$	207360
18	$\mathcal{O}(0; \{2^6, 3, 6^3, 9^2, 18^3\})$	12960
18	$\mathcal{O}(0; \{2^2, 3^4, 6^3, 9^2, 18^3\})$	103680
18	$\mathcal{O}(0; \{2^3, 3^2, 6^4, 9^2, 18^3\})$	51840
18	$\mathcal{O}(0; \{2^4, 6^5, 9^2, 18^3\})$	25920
18	$\mathcal{O}(0; \{3^3, 6^5, 9^2, 18^3\})$	207360
18	$\mathcal{O}(0; \{2, 3, 6^6, 9^2, 18^3\})$	103680
18	$\mathcal{O}(0; \{2^7, 9^5, 18^3\})$	188082
18	$\mathcal{O}(0; \{2^3, 3^3, 9^5, 18^3\})$	1504656
18	$\mathcal{O}(0; \{2^4, 3, 6, 9^5, 18^3\})$	752328
18	$\mathcal{O}(0; \{3^4, 6, 9^5, 18^3\})$	6018624
18	$\mathcal{O}(0; \{2, 3^2, 6^2, 9^5, 18^3\})$	3009312
18	$\mathcal{O}(0; \{2^2, 6^3, 9^5, 18^3\})$	1504656
18	$\mathcal{O}(0; \{6, 9^8, 18^3\})$	80542836
18	$\mathcal{O}(0; \{2^{14}, 18^4\})$	162
18	$\mathcal{O}(0; \{2^{10}, 3^3, 18^4\})$	1296
18	$\mathcal{O}(0; \{2^6, 3^6, 18^4\})$	10368
18	$\mathcal{O}(0; \{2^2, 3^9, 18^4\})$	82944
18	$\mathcal{O}(0; \{2^{11}, 3, 6, 18^4\})$	648
18	$\mathcal{O}(0; \{2^7, 3^4, 6, 18^4\})$	5184

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^3, 3^7, 6, 18^4\})$	41472
18	$\mathcal{O}(0; \{2^8, 3^2, 6^2, 18^4\})$	2592
18	$\mathcal{O}(0; \{2^4, 3^5, 6^2, 18^4\})$	20736
18	$\mathcal{O}(0; \{3^8, 6^2, 18^4\})$	165888
18	$\mathcal{O}(0; \{2^9, 6^3, 18^4\})$	1296
18	$\mathcal{O}(0; \{2^5, 3^3, 6^3, 18^4\})$	10368
18	$\mathcal{O}(0; \{2, 3^6, 6^3, 18^4\})$	82944
18	$\mathcal{O}(0; \{2^6, 3, 6^4, 18^4\})$	5184
18	$\mathcal{O}(0; \{2^2, 3^4, 6^4, 18^4\})$	41472
18	$\mathcal{O}(0; \{2^3, 3^2, 6^5, 18^4\})$	20736
18	$\mathcal{O}(0; \{2^4, 6^6, 18^4\})$	10368
18	$\mathcal{O}(0; \{3^3, 6^6, 18^4\})$	82944
18	$\mathcal{O}(0; \{2, 3, 6^7, 18^4\})$	41472
18	$\mathcal{O}(0; \{2^6, 3^2, 9^3, 18^4\})$	122472
18	$\mathcal{O}(0; \{2^2, 3^5, 9^3, 18^4\})$	979776
18	$\mathcal{O}(0; \{2^7, 6, 9^3, 18^4\})$	61236
18	$\mathcal{O}(0; \{2^3, 3^3, 6, 9^3, 18^4\})$	489888
18	$\mathcal{O}(0; \{2^4, 3, 6^2, 9^3, 18^4\})$	244944
18	$\mathcal{O}(0; \{3^4, 6^2, 9^3, 18^4\})$	1959552
18	$\mathcal{O}(0; \{2, 3^2, 6^3, 9^3, 18^4\})$	979776
18	$\mathcal{O}(0; \{2^2, 6^4, 9^3, 18^4\})$	489888
18	$\mathcal{O}(0; \{2^2, 3, 9^6, 18^4\})$	13463172
18	$\mathcal{O}(0; \{6^2, 9^6, 18^4\})$	26926344
18	$\mathcal{O}(0; \{2^9, 3, 9, 18^5\})$	10692
18	$\mathcal{O}(0; \{2^5, 3^4, 9, 18^5\})$	85536
18	$\mathcal{O}(0; \{2, 3^7, 9, 18^5\})$	684288
18	$\mathcal{O}(0; \{2^6, 3^2, 6, 9, 18^5\})$	42768
18	$\mathcal{O}(0; \{2^2, 3^5, 6, 9, 18^5\})$	342144
18	$\mathcal{O}(0; \{2^7, 6^2, 9, 18^5\})$	21384
18	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 9, 18^5\})$	171072
18	$\mathcal{O}(0; \{2^4, 3, 6^3, 9, 18^5\})$	85536
18	$\mathcal{O}(0; \{3^4, 6^3, 9, 18^5\})$	684288
18	$\mathcal{O}(0; \{2, 3^2, 6^4, 9, 18^5\})$	342144
18	$\mathcal{O}(0; \{2^2, 6^5, 9, 18^5\})$	171072
18	$\mathcal{O}(0; \{2^5, 9^4, 18^5\})$	1115370
18	$\mathcal{O}(0; \{2, 3^3, 9^4, 18^5\})$	8922960
18	$\mathcal{O}(0; \{2^2, 3, 6, 9^4, 18^5\})$	4461480
18	$\mathcal{O}(0; \{6^3, 9^4, 18^5\})$	8922960
18	$\mathcal{O}(0; \{2^4, 3^2, 9^2, 18^6\})$	752328
18	$\mathcal{O}(0; \{3^5, 9^2, 18^6\})$	6018624
18	$\mathcal{O}(0; \{2^5, 6, 9^2, 18^6\})$	376164
18	$\mathcal{O}(0; \{2, 3^3, 6, 9^2, 18^6\})$	3009312
18	$\mathcal{O}(0; \{2^2, 3, 6^2, 9^2, 18^6\})$	1504656

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{6^4, 9^2, 18^6\})$	3009312
18	$\mathcal{O}(0; \{3, 9^5, 18^6\})$	80542836
18	$\mathcal{O}(0; \{2^7, 3, 18^7\})$	61236
18	$\mathcal{O}(0; \{2^3, 3^4, 18^7\})$	489888
18	$\mathcal{O}(0; \{2^4, 3^2, 6, 18^7\})$	244944
18	$\mathcal{O}(0; \{3^5, 6, 18^7\})$	1959552
18	$\mathcal{O}(0; \{2^5, 6^2, 18^7\})$	122472
18	$\mathcal{O}(0; \{2, 3^3, 6^2, 18^7\})$	979776
18	$\mathcal{O}(0; \{2^2, 3, 6^3, 18^7\})$	489888
18	$\mathcal{O}(0; \{6^5, 18^7\})$	979776
18	$\mathcal{O}(0; \{2^3, 9^3, 18^7\})$	6731586
18	$\mathcal{O}(0; \{3, 6, 9^3, 18^7\})$	26926344
18	$\mathcal{O}(0; \{2^2, 3^2, 9, 18^8\})$	4461480
18	$\mathcal{O}(0; \{2^3, 6, 9, 18^8\})$	2230740
18	$\mathcal{O}(0; \{3, 6^2, 9, 18^8\})$	8922960
18	$\mathcal{O}(0; \{2, 9^2, 18^9\})$	40271418
18	$\mathcal{O}(0; \{3^2, 18^{10}\})$	26926344
18	$\mathcal{O}(0; \{2, 6, 18^{10}\})$	13463172
20	$\mathcal{O}(4; \{20^2\})$	20480000000
20	$\mathcal{O}(3; \{4^2, 5^3\})$	1536000000
20	$\mathcal{O}(3; \{2, 4, 5, 10, 20\})$	1536000000
20	$\mathcal{O}(3; \{2^4, 20^2\})$	512000000
20	$\mathcal{O}(3; \{2, 4^2, 20^2\})$	2048000000
20	$\mathcal{O}(2; \{2^4, 4^2, 5^3\})$	3840000
20	$\mathcal{O}(2; \{2, 4^4, 5^3\})$	15360000
20	$\mathcal{O}(2; \{2^2, 4^2, 5^2, 10^2\})$	16640000
20	$\mathcal{O}(2; \{4^2, 5, 10^4\})$	65280000
20	$\mathcal{O}(2; \{2^2, 4, 5^4, 20\})$	65280000
20	$\mathcal{O}(2; \{2^5, 4, 5, 10, 20\})$	3840000
20	$\mathcal{O}(2; \{2^2, 4^3, 5, 10, 20\})$	15360000
20	$\mathcal{O}(2; \{4, 5^3, 10^2, 20\})$	262400000
20	$\mathcal{O}(2; \{2^3, 4, 10^3, 20\})$	16640000
20	$\mathcal{O}(2; \{4^3, 10^3, 20\})$	66560000
20	$\mathcal{O}(2; \{2^8, 20^2\})$	1280000
20	$\mathcal{O}(2; \{2^5, 4^2, 20^2\})$	5120000
20	$\mathcal{O}(2; \{2^2, 4^4, 20^2\})$	20480000
20	$\mathcal{O}(2; \{5^5, 20^2\})$	1048320000
20	$\mathcal{O}(2; \{2^3, 5^2, 10, 20^2\})$	65280000
20	$\mathcal{O}(2; \{4^2, 5^2, 10, 20^2\})$	261120000
20	$\mathcal{O}(2; \{2, 5, 10^3, 20^2\})$	262400000
20	$\mathcal{O}(2; \{2^3, 4, 5, 20^3\})$	66560000
20	$\mathcal{O}(2; \{4^3, 5, 20^3\})$	266240000
20	$\mathcal{O}(2; \{2, 4, 10^2, 20^3\})$	261120000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{2, 5^2, 20^4\})$	1049600000
20	$\mathcal{O}(1; \{2^8, 4^2, 5^3\})$	9600
20	$\mathcal{O}(1; \{2^5, 4^4, 5^3\})$	38400
20	$\mathcal{O}(1; \{2^2, 4^6, 5^3\})$	153600
20	$\mathcal{O}(1; \{4^2, 5^8\})$	10486400
20	$\mathcal{O}(1; \{2^3, 4^2, 5^5, 10\})$	656000
20	$\mathcal{O}(1; \{4^4, 5^5, 10\})$	2624000
20	$\mathcal{O}(1; \{2^6, 4^2, 5^2, 10^2\})$	41600
20	$\mathcal{O}(1; \{2^3, 4^4, 5^2, 10^2\})$	166400
20	$\mathcal{O}(1; \{4^6, 5^2, 10^2\})$	665600
20	$\mathcal{O}(1; \{2, 4^2, 5^4, 10^3\})$	2620800
20	$\mathcal{O}(1; \{2^4, 4^2, 5, 10^4\})$	163200
20	$\mathcal{O}(1; \{2, 4^4, 5, 10^4\})$	652800
20	$\mathcal{O}(1; \{2^2, 4^2, 10^6\})$	656000
20	$\mathcal{O}(1; \{2^6, 4, 5^4, 20\})$	163200
20	$\mathcal{O}(1; \{2^3, 4^3, 5^4, 20\})$	652800
20	$\mathcal{O}(1; \{4^5, 5^4, 20\})$	2611200
20	$\mathcal{O}(1; \{2^9, 4, 5, 10, 20\})$	9600
20	$\mathcal{O}(1; \{2^6, 4^3, 5, 10, 20\})$	38400
20	$\mathcal{O}(1; \{2^3, 4^5, 5, 10, 20\})$	153600
20	$\mathcal{O}(1; \{4^7, 5, 10, 20\})$	614400
20	$\mathcal{O}(1; \{2, 4, 5^6, 10, 20\})$	10486400
20	$\mathcal{O}(1; \{2^4, 4, 5^3, 10^2, 20\})$	656000
20	$\mathcal{O}(1; \{2, 4^3, 5^3, 10^2, 20\})$	2624000
20	$\mathcal{O}(1; \{2^7, 4, 10^3, 20\})$	41600
20	$\mathcal{O}(1; \{2^4, 4^3, 10^3, 20\})$	166400
20	$\mathcal{O}(1; \{2, 4^5, 10^3, 20\})$	665600
20	$\mathcal{O}(1; \{2^2, 4, 5^2, 10^4, 20\})$	2620800
20	$\mathcal{O}(1; \{4, 5, 10^6, 20\})$	10486400
20	$\mathcal{O}(1; \{2^{12}, 20^2\})$	3200
20	$\mathcal{O}(1; \{2^9, 4^2, 20^2\})$	12800
20	$\mathcal{O}(1; \{2^6, 4^4, 20^2\})$	51200
20	$\mathcal{O}(1; \{2^3, 4^6, 20^2\})$	204800
20	$\mathcal{O}(1; \{4^8, 20^2\})$	819200
20	$\mathcal{O}(1; \{2^4, 5^5, 20^2\})$	2620800
20	$\mathcal{O}(1; \{2, 4^2, 5^5, 20^2\})$	10483200
20	$\mathcal{O}(1; \{2^7, 5^2, 10, 20^2\})$	163200
20	$\mathcal{O}(1; \{2^4, 4^2, 5^2, 10, 20^2\})$	652800
20	$\mathcal{O}(1; \{2, 4^4, 5^2, 10, 20^2\})$	2611200
20	$\mathcal{O}(1; \{2^2, 5^4, 10^2, 20^2\})$	10486400
20	$\mathcal{O}(1; \{2^5, 5, 10^3, 20^2\})$	656000
20	$\mathcal{O}(1; \{2^2, 4^2, 5, 10^3, 20^2\})$	2624000
20	$\mathcal{O}(1; \{5^3, 10^4, 20^2\})$	41942400

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{2^3, 10^5, 20^2\})$	2620800
20	$\mathcal{O}(1; \{4^2, 10^5, 20^2\})$	10483200
20	$\mathcal{O}(1; \{2^7, 4, 5, 20^3\})$	166400
20	$\mathcal{O}(1; \{2^4, 4^3, 5, 20^3\})$	665600
20	$\mathcal{O}(1; \{2, 4^5, 5, 20^3\})$	2662400
20	$\mathcal{O}(1; \{2^2, 4, 5^3, 10, 20^3\})$	10483200
20	$\mathcal{O}(1; \{2^5, 4, 10^2, 20^3\})$	652800
20	$\mathcal{O}(1; \{2^2, 4^3, 10^2, 20^3\})$	2611200
20	$\mathcal{O}(1; \{4, 5^2, 10^3, 20^3\})$	41945600
20	$\mathcal{O}(1; \{2^5, 5^2, 20^4\})$	2624000
20	$\mathcal{O}(1; \{2^2, 4^2, 5^2, 20^4\})$	10496000
20	$\mathcal{O}(1; \{5^4, 10, 20^4\})$	167769600
20	$\mathcal{O}(1; \{2^3, 5, 10^2, 20^4\})$	10483200
20	$\mathcal{O}(1; \{4^2, 5, 10^2, 20^4\})$	41932800
20	$\mathcal{O}(1; \{2, 10^4, 20^4\})$	41945600
20	$\mathcal{O}(1; \{4, 5^3, 20^5\})$	167782400
20	$\mathcal{O}(1; \{2^3, 4, 10, 20^5\})$	10496000
20	$\mathcal{O}(1; \{4^3, 10, 20^5\})$	41984000
20	$\mathcal{O}(1; \{2, 5, 10, 20^6\})$	167782400
20	$\mathcal{O}(1; \{2, 4, 20^7\})$	167731200
20	$\mathcal{O}(0; \{2^{12}, 4^2, 5^3\})$	24
20	$\mathcal{O}(0; \{2^9, 4^4, 5^3\})$	96
20	$\mathcal{O}(0; \{2^6, 4^6, 5^3\})$	384
20	$\mathcal{O}(0; \{2^3, 4^8, 5^3\})$	1536
20	$\mathcal{O}(0; \{4^{10}, 5^3\})$	6144
20	$\mathcal{O}(0; \{2^4, 4^2, 5^8\})$	26216
20	$\mathcal{O}(0; \{2, 4^4, 5^8\})$	104864
20	$\mathcal{O}(0; \{2^7, 4^2, 5^5, 10\})$	1640
20	$\mathcal{O}(0; \{2^4, 4^4, 5^5, 10\})$	6560
20	$\mathcal{O}(0; \{2, 4^6, 5^5, 10\})$	26240
20	$\mathcal{O}(0; \{2^{10}, 4^2, 5^2, 10^2\})$	104
20	$\mathcal{O}(0; \{2^7, 4^4, 5^2, 10^2\})$	416
20	$\mathcal{O}(0; \{2^4, 4^6, 5^2, 10^2\})$	1664
20	$\mathcal{O}(0; \{2, 4^8, 5^2, 10^2\})$	6656
20	$\mathcal{O}(0; \{2^2, 4^2, 5^7, 10^2\})$	104856
20	$\mathcal{O}(0; \{2^5, 4^2, 5^4, 10^3\})$	6552
20	$\mathcal{O}(0; \{2^2, 4^4, 5^4, 10^3\})$	26208
20	$\mathcal{O}(0; \{2^8, 4^2, 5, 10^4\})$	408
20	$\mathcal{O}(0; \{2^5, 4^4, 5, 10^4\})$	1632
20	$\mathcal{O}(0; \{2^2, 4^6, 5, 10^4\})$	6528
20	$\mathcal{O}(0; \{4^2, 5^6, 10^4\})$	419432
20	$\mathcal{O}(0; \{2^3, 4^2, 5^3, 10^5\})$	26216
20	$\mathcal{O}(0; \{4^4, 5^3, 10^5\})$	104864

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^6, 4^2, 10^6\})$	1640
20	$\mathcal{O}(0; \{2^3, 4^4, 10^6\})$	6560
20	$\mathcal{O}(0; \{4^6, 10^6\})$	26240
20	$\mathcal{O}(0; \{2, 4^2, 5^2, 10^7\})$	104856
20	$\mathcal{O}(0; \{2^{10}, 4, 5^4, 20\})$	408
20	$\mathcal{O}(0; \{2^7, 4^3, 5^4, 20\})$	1632
20	$\mathcal{O}(0; \{2^4, 4^5, 5^4, 20\})$	6528
20	$\mathcal{O}(0; \{2, 4^7, 5^4, 20\})$	26112
20	$\mathcal{O}(0; \{2^2, 4, 5^9, 20\})$	419432
20	$\mathcal{O}(0; \{2^{13}, 4, 5, 10, 20\})$	24
20	$\mathcal{O}(0; \{2^{10}, 4^3, 5, 10, 20\})$	96
20	$\mathcal{O}(0; \{2^7, 4^5, 5, 10, 20\})$	384
20	$\mathcal{O}(0; \{2^4, 4^7, 5, 10, 20\})$	1536
20	$\mathcal{O}(0; \{2, 4^9, 5, 10, 20\})$	6144
20	$\mathcal{O}(0; \{2^5, 4, 5^6, 10, 20\})$	26216
20	$\mathcal{O}(0; \{2^2, 4^3, 5^6, 10, 20\})$	104864
20	$\mathcal{O}(0; \{2^8, 4, 5^3, 10^2, 20\})$	1640
20	$\mathcal{O}(0; \{2^5, 4^3, 5^3, 10^2, 20\})$	6560
20	$\mathcal{O}(0; \{2^2, 4^5, 5^3, 10^2, 20\})$	26240
20	$\mathcal{O}(0; \{4, 5^8, 10^2, 20\})$	1677720
20	$\mathcal{O}(0; \{2^{11}, 4, 10^3, 20\})$	104
20	$\mathcal{O}(0; \{2^8, 4^3, 10^3, 20\})$	416
20	$\mathcal{O}(0; \{2^5, 4^5, 10^3, 20\})$	1664
20	$\mathcal{O}(0; \{2^2, 4^7, 10^3, 20\})$	6656
20	$\mathcal{O}(0; \{2^3, 4, 5^5, 10^3, 20\})$	104856
20	$\mathcal{O}(0; \{4^3, 5^5, 10^3, 20\})$	419424
20	$\mathcal{O}(0; \{2^6, 4, 5^2, 10^4, 20\})$	6552
20	$\mathcal{O}(0; \{2^3, 4^3, 5^2, 10^4, 20\})$	26208
20	$\mathcal{O}(0; \{4^5, 5^2, 10^4, 20\})$	104832
20	$\mathcal{O}(0; \{2, 4, 5^4, 10^5, 20\})$	419432
20	$\mathcal{O}(0; \{2^4, 4, 5, 10^6, 20\})$	26216
20	$\mathcal{O}(0; \{2, 4^3, 5, 10^6, 20\})$	104864
20	$\mathcal{O}(0; \{2^2, 4, 10^8, 20\})$	104856
20	$\mathcal{O}(0; \{2^{16}, 20^2\})$	8
20	$\mathcal{O}(0; \{2^{13}, 4^2, 20^2\})$	32
20	$\mathcal{O}(0; \{2^{10}, 4^4, 20^2\})$	128
20	$\mathcal{O}(0; \{2^7, 4^6, 20^2\})$	512
20	$\mathcal{O}(0; \{2^4, 4^8, 20^2\})$	2048
20	$\mathcal{O}(0; \{2, 4^{10}, 20^2\})$	8192
20	$\mathcal{O}(0; \{2^8, 5^5, 20^2\})$	6552
20	$\mathcal{O}(0; \{2^5, 4^2, 5^5, 20^2\})$	26208
20	$\mathcal{O}(0; \{2^2, 4^4, 5^5, 20^2\})$	104832
20	$\mathcal{O}(0; \{5^{10}, 20^2\})$	6710888

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^{11}, 5^2, 10, 20^2\})$	408
20	$\mathcal{O}(0; \{2^8, 4^2, 5^2, 10, 20^2\})$	1632
20	$\mathcal{O}(0; \{2^5, 4^4, 5^2, 10, 20^2\})$	6528
20	$\mathcal{O}(0; \{2^2, 4^6, 5^2, 10, 20^2\})$	26112
20	$\mathcal{O}(0; \{2^3, 5^7, 10, 20^2\})$	419432
20	$\mathcal{O}(0; \{4^2, 5^7, 10, 20^2\})$	1677728
20	$\mathcal{O}(0; \{2^6, 5^4, 10^2, 20^2\})$	26216
20	$\mathcal{O}(0; \{2^3, 4^2, 5^4, 10^2, 20^2\})$	104864
20	$\mathcal{O}(0; \{4^4, 5^4, 10^2, 20^2\})$	419456
20	$\mathcal{O}(0; \{2^9, 5, 10^3, 20^2\})$	1640
20	$\mathcal{O}(0; \{2^6, 4^2, 5, 10^3, 20^2\})$	6560
20	$\mathcal{O}(0; \{2^3, 4^4, 5, 10^3, 20^2\})$	26240
20	$\mathcal{O}(0; \{4^6, 5, 10^3, 20^2\})$	104960
20	$\mathcal{O}(0; \{2, 5^6, 10^3, 20^2\})$	1677720
20	$\mathcal{O}(0; \{2^4, 5^3, 10^4, 20^2\})$	104856
20	$\mathcal{O}(0; \{2, 4^2, 5^3, 10^4, 20^2\})$	419424
20	$\mathcal{O}(0; \{2^7, 10^5, 20^2\})$	6552
20	$\mathcal{O}(0; \{2^4, 4^2, 10^5, 20^2\})$	26208
20	$\mathcal{O}(0; \{2, 4^4, 10^5, 20^2\})$	104832
20	$\mathcal{O}(0; \{2^2, 5^2, 10^6, 20^2\})$	419432
20	$\mathcal{O}(0; \{5, 10^8, 20^2\})$	1677720
20	$\mathcal{O}(0; \{2^{11}, 4, 5, 20^3\})$	416
20	$\mathcal{O}(0; \{2^8, 4^3, 5, 20^3\})$	1664
20	$\mathcal{O}(0; \{2^5, 4^5, 5, 20^3\})$	6656
20	$\mathcal{O}(0; \{2^2, 4^7, 5, 20^3\})$	26624
20	$\mathcal{O}(0; \{2^3, 4, 5^6, 20^3\})$	419424
20	$\mathcal{O}(0; \{4^3, 5^6, 20^3\})$	1677696
20	$\mathcal{O}(0; \{2^6, 4, 5^3, 10, 20^3\})$	26208
20	$\mathcal{O}(0; \{2^3, 4^3, 5^3, 10, 20^3\})$	104832
20	$\mathcal{O}(0; \{4^5, 5^3, 10, 20^3\})$	419328
20	$\mathcal{O}(0; \{2^9, 4, 10^2, 20^3\})$	1632
20	$\mathcal{O}(0; \{2^6, 4^3, 10^2, 20^3\})$	6528
20	$\mathcal{O}(0; \{2^3, 4^5, 10^2, 20^3\})$	26112
20	$\mathcal{O}(0; \{4^7, 10^2, 20^3\})$	104448
20	$\mathcal{O}(0; \{2, 4, 5^5, 10^2, 20^3\})$	1677728
20	$\mathcal{O}(0; \{2^4, 4, 5^2, 10^3, 20^3\})$	104864
20	$\mathcal{O}(0; \{2, 4^3, 5^2, 10^3, 20^3\})$	419456
20	$\mathcal{O}(0; \{2^2, 4, 5, 10^5, 20^3\})$	419424
20	$\mathcal{O}(0; \{4, 10^7, 20^3\})$	1677728
20	$\mathcal{O}(0; \{2^9, 5^2, 20^4\})$	6560
20	$\mathcal{O}(0; \{2^6, 4^2, 5^2, 20^4\})$	26240
20	$\mathcal{O}(0; \{2^3, 4^4, 5^2, 20^4\})$	104960
20	$\mathcal{O}(0; \{4^6, 5^2, 20^4\})$	419840

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2, 5^7, 20^4\})$	6710880
20	$\mathcal{O}(0; \{2^4, 5^4, 10, 20^4\})$	419424
20	$\mathcal{O}(0; \{2, 4^2, 5^4, 10, 20^4\})$	1677696
20	$\mathcal{O}(0; \{2^7, 5, 10^2, 20^4\})$	26208
20	$\mathcal{O}(0; \{2^4, 4^2, 5, 10^2, 20^4\})$	104832
20	$\mathcal{O}(0; \{2, 4^4, 5, 10^2, 20^4\})$	419328
20	$\mathcal{O}(0; \{2^2, 5^3, 10^3, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^5, 10^4, 20^4\})$	104864
20	$\mathcal{O}(0; \{2^2, 4^2, 10^4, 20^4\})$	419456
20	$\mathcal{O}(0; \{5^2, 10^5, 20^4\})$	6710880
20	$\mathcal{O}(0; \{2^4, 4, 5^3, 20^5\})$	419456
20	$\mathcal{O}(0; \{2, 4^3, 5^3, 20^5\})$	1677824
20	$\mathcal{O}(0; \{2^7, 4, 10, 20^5\})$	26240
20	$\mathcal{O}(0; \{2^4, 4^3, 10, 20^5\})$	104960
20	$\mathcal{O}(0; \{2, 4^5, 10, 20^5\})$	419840
20	$\mathcal{O}(0; \{2^2, 4, 5^2, 10^2, 20^5\})$	1677696
20	$\mathcal{O}(0; \{4, 5, 10^4, 20^5\})$	6710912
20	$\mathcal{O}(0; \{2^2, 5^4, 20^6\})$	6710912
20	$\mathcal{O}(0; \{2^5, 5, 10, 20^6\})$	419456
20	$\mathcal{O}(0; \{2^2, 4^2, 5, 10, 20^6\})$	1677824
20	$\mathcal{O}(0; \{5^3, 10^2, 20^6\})$	26843520
20	$\mathcal{O}(0; \{2^3, 10^3, 20^6\})$	1677696
20	$\mathcal{O}(0; \{4^2, 10^3, 20^6\})$	6710784
20	$\mathcal{O}(0; \{2^5, 4, 20^7\})$	419328
20	$\mathcal{O}(0; \{2^2, 4^3, 20^7\})$	1677312
20	$\mathcal{O}(0; \{4, 5^2, 10, 20^7\})$	26843648
20	$\mathcal{O}(0; \{2^3, 5, 20^8\})$	6710784
20	$\mathcal{O}(0; \{4^2, 5, 20^8\})$	26843136
20	$\mathcal{O}(0; \{2, 10^2, 20^8\})$	26843648
21	$\mathcal{O}(3; \{3, 21^3\})$	15437901780
21	$\mathcal{O}(2; \{3^3, 7^3, 21\})$	217040796
21	$\mathcal{O}(2; \{3^4, 21^3\})$	245046060
21	$\mathcal{O}(2; \{7^2, 21^4\})$	7778462076
21	$\mathcal{O}(1; \{3^6, 7^3, 21\})$	3445092
21	$\mathcal{O}(1; \{3^2, 7^5, 21^2\})$	105813540
21	$\mathcal{O}(1; \{3^7, 21^3\})$	4524660
21	$\mathcal{O}(1; \{3^3, 7^2, 21^4\})$	123467652
21	$\mathcal{O}(1; \{7, 21^7\})$	4444279812
21	$\mathcal{O}(0; \{3^4, 7^8\})$	1439676
21	$\mathcal{O}(0; \{3^9, 7^3, 21\})$	63612
21	$\mathcal{O}(0; \{3^5, 7^5, 21^2\})$	1679580
21	$\mathcal{O}(0; \{3^{10}, 21^3\})$	81900
21	$\mathcal{O}(0; \{3, 7^7, 21^3\})$	51828156

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
21	$\mathcal{O}(0; \{3^6, 7^2, 21^4\})$	2279772
21	$\mathcal{O}(0; \{3^2, 7^4, 21^5\})$	60466140
21	$\mathcal{O}(0; \{3^3, 7, 21^7\})$	82061532
21	$\mathcal{O}(0; \{21^{10}\})$	2954204892
22	$\mathcal{O}(2; \{2^3, 11^3, 22\})$	213172960
22	$\mathcal{O}(2; \{2, 11^2, 22^3\})$	2129387040
22	$\mathcal{O}(1; \{2^7, 11^3, 22\})$	440440
22	$\mathcal{O}(1; \{2^5, 11^2, 22^3\})$	4399560
22	$\mathcal{O}(1; \{2^3, 11, 22^5\})$	44000440
22	$\mathcal{O}(1; \{2, 22^7\})$	439999560
22	$\mathcal{O}(0; \{2^2, 11^9\})$	90909090
22	$\mathcal{O}(0; \{2^{11}, 11^3, 22\})$	910
22	$\mathcal{O}(0; \{11^8, 22^2\})$	909090910
22	$\mathcal{O}(0; \{2^9, 11^2, 22^3\})$	9090
22	$\mathcal{O}(0; \{2^7, 11, 22^5\})$	90910
22	$\mathcal{O}(0; \{2^5, 22^7\})$	909090
23	$\mathcal{O}(3; \{23^3\})$	68392580718
24	$\mathcal{O}(3; \{3, 24^2\})$	1528823808
24	$\mathcal{O}(2; \{2^3, 3^2, 8^2\})$	2654208
24	$\mathcal{O}(2; \{3^2, 4^2, 8^2\})$	10616832
24	$\mathcal{O}(2; \{3^3, 6, 8^2\})$	7962624
24	$\mathcal{O}(2; \{2, 3, 6^2, 8^2\})$	2654208
24	$\mathcal{O}(2; \{2, 3, 4, 8^2, 12\})$	10616832
24	$\mathcal{O}(2; \{2^2, 8^2, 12^2\})$	10616832
24	$\mathcal{O}(2; \{3^3, 4, 8, 24\})$	15925248
24	$\mathcal{O}(2; \{2, 3, 4, 6, 8, 24\})$	5308416
24	$\mathcal{O}(2; \{2, 3^2, 8, 12, 24\})$	15925248
24	$\mathcal{O}(2; \{2^2, 6, 8, 12, 24\})$	5308416
24	$\mathcal{O}(2; \{8, 12^3, 24\})$	63700992
24	$\mathcal{O}(2; \{2^4, 3, 24^2\})$	2654208
24	$\mathcal{O}(2; \{3^4, 24^2\})$	29196288
24	$\mathcal{O}(2; \{2, 3, 4^2, 24^2\})$	10616832
24	$\mathcal{O}(2; \{2, 3^2, 6, 24^2\})$	13271040
24	$\mathcal{O}(2; \{2^2, 6^2, 24^2\})$	7962624
24	$\mathcal{O}(2; \{2^2, 4, 12, 24^2\})$	10616832
24	$\mathcal{O}(2; \{8^2, 12, 24^2\})$	84934656
24	$\mathcal{O}(2; \{6, 12^2, 24^2\})$	53084160
24	$\mathcal{O}(2; \{6, 8, 24^3\})$	127401984
24	$\mathcal{O}(2; \{4, 24^4\})$	254803968
24	$\mathcal{O}(1; \{2^7, 3^2, 8^2\})$	4608
24	$\mathcal{O}(1; \{2^3, 3^5, 8^2\})$	23040
24	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 8^2\})$	18432
24	$\mathcal{O}(1; \{3^5, 4^2, 8^2\})$	92160

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2, 3^2, 4^4, 8^2\})$	73728
24	$\mathcal{O}(1; \{2^4, 3^3, 6, 8^2\})$	13824
24	$\mathcal{O}(1; \{3^6, 6, 8^2\})$	96768
24	$\mathcal{O}(1; \{2, 3^3, 4^2, 6, 8^2\})$	55296
24	$\mathcal{O}(1; \{2^5, 3, 6^2, 8^2\})$	4608
24	$\mathcal{O}(1; \{2, 3^4, 6^2, 8^2\})$	50688
24	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^2, 8^2\})$	18432
24	$\mathcal{O}(1; \{2^2, 3^2, 6^3, 8^2\})$	23040
24	$\mathcal{O}(1; \{2^3, 6^4, 8^2\})$	13824
24	$\mathcal{O}(1; \{4^2, 6^4, 8^2\})$	55296
24	$\mathcal{O}(1; \{3, 6^5, 8^2\})$	50688
24	$\mathcal{O}(1; \{2^2, 3^2, 4, 8^4\})$	147456
24	$\mathcal{O}(1; \{3, 4, 6^2, 8^4\})$	147456
24	$\mathcal{O}(1; \{3^2, 8^6\})$	1179648
24	$\mathcal{O}(1; \{2^5, 3, 4, 8^2, 12\})$	18432
24	$\mathcal{O}(1; \{2, 3^4, 4, 8^2, 12\})$	92160
24	$\mathcal{O}(1; \{2^2, 3, 4^3, 8^2, 12\})$	73728
24	$\mathcal{O}(1; \{2^2, 3^2, 4, 6, 8^2, 12\})$	55296
24	$\mathcal{O}(1; \{2^3, 4, 6^2, 8^2, 12\})$	18432
24	$\mathcal{O}(1; \{4^3, 6^2, 8^2, 12\})$	73728
24	$\mathcal{O}(1; \{3, 4, 6^3, 8^2, 12\})$	92160
24	$\mathcal{O}(1; \{2^3, 3, 8^4, 12\})$	147456
24	$\mathcal{O}(1; \{3, 4^2, 8^4, 12\})$	589824
24	$\mathcal{O}(1; \{3^2, 6, 8^4, 12\})$	442368
24	$\mathcal{O}(1; \{2, 6^2, 8^4, 12\})$	147456
24	$\mathcal{O}(1; \{2^6, 8^2, 12^2\})$	18432
24	$\mathcal{O}(1; \{2^2, 3^3, 8^2, 12^2\})$	92160
24	$\mathcal{O}(1; \{2^3, 4^2, 8^2, 12^2\})$	73728
24	$\mathcal{O}(1; \{4^4, 8^2, 12^2\})$	294912
24	$\mathcal{O}(1; \{2^3, 3, 6, 8^2, 12^2\})$	55296
24	$\mathcal{O}(1; \{3, 4^2, 6, 8^2, 12^2\})$	221184
24	$\mathcal{O}(1; \{3^2, 6^2, 8^2, 12^2\})$	202752
24	$\mathcal{O}(1; \{2, 6^3, 8^2, 12^2\})$	92160
24	$\mathcal{O}(1; \{2, 4, 8^4, 12^2\})$	589824
24	$\mathcal{O}(1; \{3^2, 4, 8^2, 12^3\})$	368640
24	$\mathcal{O}(1; \{2, 4, 6, 8^2, 12^3\})$	221184
24	$\mathcal{O}(1; \{2, 3, 8^2, 12^4\})$	368640
24	$\mathcal{O}(1; \{2^4, 3^3, 4, 8, 24\})$	27648
24	$\mathcal{O}(1; \{3^6, 4, 8, 24\})$	193536
24	$\mathcal{O}(1; \{2, 3^3, 4^3, 8, 24\})$	110592
24	$\mathcal{O}(1; \{2^5, 3, 4, 6, 8, 24\})$	9216
24	$\mathcal{O}(1; \{2, 3^4, 4, 6, 8, 24\})$	101376
24	$\mathcal{O}(1; \{2^2, 3, 4^3, 6, 8, 24\})$	36864

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^2, 8, 24\})$	46080
24	$\mathcal{O}(1; \{2^3, 4, 6^3, 8, 24\})$	27648
24	$\mathcal{O}(1; \{4^3, 6^3, 8, 24\})$	110592
24	$\mathcal{O}(1; \{3, 4, 6^4, 8, 24\})$	101376
24	$\mathcal{O}(1; \{2^2, 3^3, 8^3, 24\})$	221184
24	$\mathcal{O}(1; \{2^3, 3, 6, 8^3, 24\})$	73728
24	$\mathcal{O}(1; \{3, 4^2, 6, 8^3, 24\})$	294912
24	$\mathcal{O}(1; \{3^2, 6^2, 8^3, 24\})$	368640
24	$\mathcal{O}(1; \{2, 6^3, 8^3, 24\})$	221184
24	$\mathcal{O}(1; \{2^5, 3^2, 8, 12, 24\})$	27648
24	$\mathcal{O}(1; \{2, 3^5, 8, 12, 24\})$	193536
24	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 8, 12, 24\})$	110592
24	$\mathcal{O}(1; \{2^6, 6, 8, 12, 24\})$	9216
24	$\mathcal{O}(1; \{2^2, 3^3, 6, 8, 12, 24\})$	101376
24	$\mathcal{O}(1; \{2^3, 4^2, 6, 8, 12, 24\})$	36864
24	$\mathcal{O}(1; \{4^4, 6, 8, 12, 24\})$	147456
24	$\mathcal{O}(1; \{2^3, 3, 6^2, 8, 12, 24\})$	46080
24	$\mathcal{O}(1; \{3, 4^2, 6^2, 8, 12, 24\})$	184320
24	$\mathcal{O}(1; \{3^2, 6^3, 8, 12, 24\})$	193536
24	$\mathcal{O}(1; \{2, 6^4, 8, 12, 24\})$	101376
24	$\mathcal{O}(1; \{3^2, 4, 8^3, 12, 24\})$	884736
24	$\mathcal{O}(1; \{2, 4, 6, 8^3, 12, 24\})$	294912
24	$\mathcal{O}(1; \{2^3, 3, 4, 8, 12^2, 24\})$	110592
24	$\mathcal{O}(1; \{3, 4^3, 8, 12^2, 24\})$	442368
24	$\mathcal{O}(1; \{3^2, 4, 6, 8, 12^2, 24\})$	405504
24	$\mathcal{O}(1; \{2, 4, 6^2, 8, 12^2, 24\})$	184320
24	$\mathcal{O}(1; \{2, 3, 8^3, 12^2, 24\})$	884736
24	$\mathcal{O}(1; \{2^4, 8, 12^3, 24\})$	110592
24	$\mathcal{O}(1; \{3^3, 8, 12^3, 24\})$	774144
24	$\mathcal{O}(1; \{2, 4^2, 8, 12^3, 24\})$	442368
24	$\mathcal{O}(1; \{2, 3, 6, 8, 12^3, 24\})$	405504
24	$\mathcal{O}(1; \{2^8, 3, 24^2\})$	4608
24	$\mathcal{O}(1; \{2^4, 3^4, 24^2\})$	50688
24	$\mathcal{O}(1; \{3^7, 24^2\})$	391680
24	$\mathcal{O}(1; \{2^5, 3, 4^2, 24^2\})$	18432
24	$\mathcal{O}(1; \{2, 3^4, 4^2, 24^2\})$	202752
24	$\mathcal{O}(1; \{2^2, 3, 4^4, 24^2\})$	73728
24	$\mathcal{O}(1; \{2^5, 3^2, 6, 24^2\})$	23040
24	$\mathcal{O}(1; \{2, 3^5, 6, 24^2\})$	198144
24	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6, 24^2\})$	92160
24	$\mathcal{O}(1; \{2^6, 6^2, 24^2\})$	13824
24	$\mathcal{O}(1; \{2^2, 3^3, 6^2, 24^2\})$	96768
24	$\mathcal{O}(1; \{2^3, 4^2, 6^2, 24^2\})$	55296

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{4^4, 6^2, 24^2\})$	221184
24	$\mathcal{O}(1; \{2^3, 3, 6^3, 24^2\})$	50688
24	$\mathcal{O}(1; \{3, 4^2, 6^3, 24^2\})$	202752
24	$\mathcal{O}(1; \{3^2, 6^4, 24^2\})$	198144
24	$\mathcal{O}(1; \{2, 6^5, 24^2\})$	96768
24	$\mathcal{O}(1; \{2^3, 3, 4, 8^2, 24^2\})$	147456
24	$\mathcal{O}(1; \{3, 4^3, 8^2, 24^2\})$	589824
24	$\mathcal{O}(1; \{3^2, 4, 6, 8^2, 24^2\})$	737280
24	$\mathcal{O}(1; \{2, 4, 6^2, 8^2, 24^2\})$	442368
24	$\mathcal{O}(1; \{2, 3, 8^4, 24^2\})$	1179648
24	$\mathcal{O}(1; \{2^6, 4, 12, 24^2\})$	18432
24	$\mathcal{O}(1; \{2^2, 3^3, 4, 12, 24^2\})$	202752
24	$\mathcal{O}(1; \{2^3, 4^3, 12, 24^2\})$	73728
24	$\mathcal{O}(1; \{4^5, 12, 24^2\})$	294912
24	$\mathcal{O}(1; \{2^3, 3, 4, 6, 12, 24^2\})$	92160
24	$\mathcal{O}(1; \{3, 4^3, 6, 12, 24^2\})$	368640
24	$\mathcal{O}(1; \{3^2, 4, 6^2, 12, 24^2\})$	387072
24	$\mathcal{O}(1; \{2, 4, 6^3, 12, 24^2\})$	202752
24	$\mathcal{O}(1; \{2^4, 8^2, 12, 24^2\})$	147456
24	$\mathcal{O}(1; \{3^3, 8^2, 12, 24^2\})$	1622016
24	$\mathcal{O}(1; \{2, 4^2, 8^2, 12, 24^2\})$	589824
24	$\mathcal{O}(1; \{2, 3, 6, 8^2, 12, 24^2\})$	737280
24	$\mathcal{O}(1; \{2^3, 3^2, 12^2, 24^2\})$	202752
24	$\mathcal{O}(1; \{3^2, 4^2, 12^2, 24^2\})$	811008
24	$\mathcal{O}(1; \{2^4, 6, 12^2, 24^2\})$	92160
24	$\mathcal{O}(1; \{3^3, 6, 12^2, 24^2\})$	792576
24	$\mathcal{O}(1; \{2, 4^2, 6, 12^2, 24^2\})$	368640
24	$\mathcal{O}(1; \{2, 3, 6^2, 12^2, 24^2\})$	387072
24	$\mathcal{O}(1; \{2, 3, 4, 12^3, 24^2\})$	811008
24	$\mathcal{O}(1; \{2^2, 12^4, 24^2\})$	811008
24	$\mathcal{O}(1; \{2^3, 3^2, 8, 24^3\})$	368640
24	$\mathcal{O}(1; \{3^2, 4^2, 8, 24^3\})$	1474560
24	$\mathcal{O}(1; \{2^4, 6, 8, 24^3\})$	221184
24	$\mathcal{O}(1; \{3^3, 6, 8, 24^3\})$	1548288
24	$\mathcal{O}(1; \{2, 4^2, 6, 8, 24^3\})$	884736
24	$\mathcal{O}(1; \{2, 3, 6^2, 8, 24^3\})$	811008
24	$\mathcal{O}(1; \{2, 3, 4, 8, 12, 24^3\})$	1474560
24	$\mathcal{O}(1; \{2^2, 8, 12^2, 24^3\})$	1474560
24	$\mathcal{O}(1; \{2^4, 4, 24^4\})$	442368
24	$\mathcal{O}(1; \{3^3, 4, 24^4\})$	3096576
24	$\mathcal{O}(1; \{2, 4^3, 24^4\})$	1769472
24	$\mathcal{O}(1; \{2, 3, 4, 6, 24^4\})$	1622016
24	$\mathcal{O}(1; \{2^2, 8^2, 24^4\})$	3538944

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2, 3^2, 12, 24^4\})$	3096576
24	$\mathcal{O}(1; \{2^2, 6, 12, 24^4\})$	1622016
24	$\mathcal{O}(1; \{12^3, 24^4\})$	12386304
24	$\mathcal{O}(1; \{8, 12, 24^5\})$	25952256
24	$\mathcal{O}(1; \{6, 24^6\})$	24772608
24	$\mathcal{O}(0; \{2^{11}, 3^2, 8^2\})$	8
24	$\mathcal{O}(0; \{2^7, 3^5, 8^2\})$	40
24	$\mathcal{O}(0; \{2^3, 3^8, 8^2\})$	344
24	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 8^2\})$	32
24	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 8^2\})$	160
24	$\mathcal{O}(0; \{3^8, 4^2, 8^2\})$	1376
24	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 8^2\})$	128
24	$\mathcal{O}(0; \{2, 3^5, 4^4, 8^2\})$	640
24	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 8^2\})$	512
24	$\mathcal{O}(0; \{2^8, 3^3, 6, 8^2\})$	24
24	$\mathcal{O}(0; \{2^4, 3^6, 6, 8^2\})$	168
24	$\mathcal{O}(0; \{3^9, 6, 8^2\})$	1368
24	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6, 8^2\})$	96
24	$\mathcal{O}(0; \{2, 3^6, 4^2, 6, 8^2\})$	672
24	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6, 8^2\})$	384
24	$\mathcal{O}(0; \{2^9, 3, 6^2, 8^2\})$	8
24	$\mathcal{O}(0; \{2^5, 3^4, 6^2, 8^2\})$	88
24	$\mathcal{O}(0; \{2, 3^7, 6^2, 8^2\})$	680
24	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^2, 8^2\})$	32
24	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^2, 8^2\})$	352
24	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^2, 8^2\})$	128
24	$\mathcal{O}(0; \{3, 4^6, 6^2, 8^2\})$	512
24	$\mathcal{O}(0; \{2^6, 3^2, 6^3, 8^2\})$	40
24	$\mathcal{O}(0; \{2^2, 3^5, 6^3, 8^2\})$	344
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^3, 8^2\})$	160
24	$\mathcal{O}(0; \{3^2, 4^4, 6^3, 8^2\})$	640
24	$\mathcal{O}(0; \{2^7, 6^4, 8^2\})$	24
24	$\mathcal{O}(0; \{2^3, 3^3, 6^4, 8^2\})$	168
24	$\mathcal{O}(0; \{2^4, 4^2, 6^4, 8^2\})$	96
24	$\mathcal{O}(0; \{3^3, 4^2, 6^4, 8^2\})$	672
24	$\mathcal{O}(0; \{2, 4^4, 6^4, 8^2\})$	384
24	$\mathcal{O}(0; \{2^4, 3, 6^5, 8^2\})$	88
24	$\mathcal{O}(0; \{3^4, 6^5, 8^2\})$	680
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^5, 8^2\})$	352
24	$\mathcal{O}(0; \{2, 3^2, 6^6, 8^2\})$	344
24	$\mathcal{O}(0; \{2^2, 6^7, 8^2\})$	168
24	$\mathcal{O}(0; \{2^6, 3^2, 4, 8^4\})$	256
24	$\mathcal{O}(0; \{2^2, 3^5, 4, 8^4\})$	1280

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6, 8^4, 12\})$	3072
24	$\mathcal{O}(0; \{2^5, 6^2, 8^4, 12\})$	256
24	$\mathcal{O}(0; \{2, 3^3, 6^2, 8^4, 12\})$	2816
24	$\mathcal{O}(0; \{2^2, 4^2, 6^2, 8^4, 12\})$	1024
24	$\mathcal{O}(0; \{2^2, 3, 6^3, 8^4, 12\})$	1280
24	$\mathcal{O}(0; \{6^5, 8^4, 12\})$	2816
24	$\mathcal{O}(0; \{2^2, 3, 4, 8^6, 12\})$	8192
24	$\mathcal{O}(0; \{4, 6^2, 8^6, 12\})$	8192
24	$\mathcal{O}(0; \{3, 8^8, 12\})$	65536
24	$\mathcal{O}(0; \{2^{10}, 8^2, 12^2\})$	32
24	$\mathcal{O}(0; \{2^6, 3^3, 8^2, 12^2\})$	160
24	$\mathcal{O}(0; \{2^2, 3^6, 8^2, 12^2\})$	1376
24	$\mathcal{O}(0; \{2^7, 4^2, 8^2, 12^2\})$	128
24	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 8^2, 12^2\})$	640
24	$\mathcal{O}(0; \{2^4, 4^4, 8^2, 12^2\})$	512
24	$\mathcal{O}(0; \{3^3, 4^4, 8^2, 12^2\})$	2560
24	$\mathcal{O}(0; \{2, 4^6, 8^2, 12^2\})$	2048
24	$\mathcal{O}(0; \{2^7, 3, 6, 8^2, 12^2\})$	96
24	$\mathcal{O}(0; \{2^3, 3^4, 6, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 6, 8^2, 12^2\})$	384
24	$\mathcal{O}(0; \{3^4, 4^2, 6, 8^2, 12^2\})$	2688
24	$\mathcal{O}(0; \{2, 3, 4^4, 6, 8^2, 12^2\})$	1536
24	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 8^2, 12^2\})$	352
24	$\mathcal{O}(0; \{3^5, 6^2, 8^2, 12^2\})$	2720
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^2, 8^2, 12^2\})$	1408
24	$\mathcal{O}(0; \{2^5, 6^3, 8^2, 12^2\})$	160
24	$\mathcal{O}(0; \{2, 3^3, 6^3, 8^2, 12^2\})$	1376
24	$\mathcal{O}(0; \{2^2, 4^2, 6^3, 8^2, 12^2\})$	640
24	$\mathcal{O}(0; \{2^2, 3, 6^4, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{6^6, 8^2, 12^2\})$	1376
24	$\mathcal{O}(0; \{2^5, 4, 8^4, 12^2\})$	1024
24	$\mathcal{O}(0; \{2, 3^3, 4, 8^4, 12^2\})$	5120
24	$\mathcal{O}(0; \{2^2, 4^3, 8^4, 12^2\})$	4096
24	$\mathcal{O}(0; \{2^2, 3, 4, 6, 8^4, 12^2\})$	3072
24	$\mathcal{O}(0; \{4, 6^3, 8^4, 12^2\})$	5120
24	$\mathcal{O}(0; \{2^3, 8^6, 12^2\})$	8192
24	$\mathcal{O}(0; \{4^2, 8^6, 12^2\})$	32768
24	$\mathcal{O}(0; \{3, 6, 8^6, 12^2\})$	24576
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 8^2, 12^3\})$	640
24	$\mathcal{O}(0; \{3^5, 4, 8^2, 12^3\})$	5504
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 8^2, 12^3\})$	2560
24	$\mathcal{O}(0; \{2^5, 4, 6, 8^2, 12^3\})$	384
24	$\mathcal{O}(0; \{2, 3^3, 4, 6, 8^2, 12^3\})$	2688

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^2, 4^3, 6, 8^2, 12^3\})$	1536
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^2, 8^2, 12^3\})$	1408
24	$\mathcal{O}(0; \{4, 6^4, 8^2, 12^3\})$	2688
24	$\mathcal{O}(0; \{2^2, 3^2, 8^4, 12^3\})$	5120
24	$\mathcal{O}(0; \{2^3, 6, 8^4, 12^3\})$	3072
24	$\mathcal{O}(0; \{4^2, 6, 8^4, 12^3\})$	12288
24	$\mathcal{O}(0; \{3, 6^2, 8^4, 12^3\})$	11264
24	$\mathcal{O}(0; \{2^5, 3, 8^2, 12^4\})$	640
24	$\mathcal{O}(0; \{2, 3^4, 8^2, 12^4\})$	5504
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 8^2, 12^4\})$	2560
24	$\mathcal{O}(0; \{2^2, 3^2, 6, 8^2, 12^4\})$	2688
24	$\mathcal{O}(0; \{2^3, 6^2, 8^2, 12^4\})$	1408
24	$\mathcal{O}(0; \{4^2, 6^2, 8^2, 12^4\})$	5632
24	$\mathcal{O}(0; \{3, 6^3, 8^2, 12^4\})$	5504
24	$\mathcal{O}(0; \{3, 4, 8^4, 12^4\})$	20480
24	$\mathcal{O}(0; \{2^3, 4, 8^2, 12^5\})$	2560
24	$\mathcal{O}(0; \{4^3, 8^2, 12^5\})$	10240
24	$\mathcal{O}(0; \{3, 4, 6, 8^2, 12^5\})$	10752
24	$\mathcal{O}(0; \{2, 8^4, 12^5\})$	20480
24	$\mathcal{O}(0; \{3^2, 8^2, 12^6\})$	22016
24	$\mathcal{O}(0; \{2, 6, 8^2, 12^6\})$	10752
24	$\mathcal{O}(0; \{2^8, 3^3, 4, 8, 24\})$	48
24	$\mathcal{O}(0; \{2^4, 3^6, 4, 8, 24\})$	336
24	$\mathcal{O}(0; \{3^9, 4, 8, 24\})$	2736
24	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 8, 24\})$	192
24	$\mathcal{O}(0; \{2, 3^6, 4^3, 8, 24\})$	1344
24	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 8, 24\})$	768
24	$\mathcal{O}(0; \{2^9, 3, 4, 6, 8, 24\})$	16
24	$\mathcal{O}(0; \{2^5, 3^4, 4, 6, 8, 24\})$	176
24	$\mathcal{O}(0; \{2, 3^7, 4, 6, 8, 24\})$	1360
24	$\mathcal{O}(0; \{2^6, 3, 4^3, 6, 8, 24\})$	64
24	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6, 8, 24\})$	704
24	$\mathcal{O}(0; \{2^3, 3, 4^5, 6, 8, 24\})$	256
24	$\mathcal{O}(0; \{3, 4^7, 6, 8, 24\})$	1024
24	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^2, 8, 24\})$	80
24	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^2, 8, 24\})$	688
24	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^2, 8, 24\})$	320
24	$\mathcal{O}(0; \{3^2, 4^5, 6^2, 8, 24\})$	1280
24	$\mathcal{O}(0; \{2^7, 4, 6^3, 8, 24\})$	48
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^3, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^4, 4^3, 6^3, 8, 24\})$	192
24	$\mathcal{O}(0; \{3^3, 4^3, 6^3, 8, 24\})$	1344
24	$\mathcal{O}(0; \{2, 4^5, 6^3, 8, 24\})$	768

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 3, 4, 6^4, 8, 24\})$	176
24	$\mathcal{O}(0; \{3^4, 4, 6^4, 8, 24\})$	1360
24	$\mathcal{O}(0; \{2, 3, 4^3, 6^4, 8, 24\})$	704
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^5, 8, 24\})$	688
24	$\mathcal{O}(0; \{2^2, 4, 6^6, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^6, 3^3, 8^3, 24\})$	384
24	$\mathcal{O}(0; \{2^2, 3^6, 8^3, 24\})$	2688
24	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 8^3, 24\})$	1536
24	$\mathcal{O}(0; \{3^3, 4^4, 8^3, 24\})$	6144
24	$\mathcal{O}(0; \{2^7, 3, 6, 8^3, 24\})$	128
24	$\mathcal{O}(0; \{2^3, 3^4, 6, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 6, 8^3, 24\})$	512
24	$\mathcal{O}(0; \{3^4, 4^2, 6, 8^3, 24\})$	5632
24	$\mathcal{O}(0; \{2, 3, 4^4, 6, 8^3, 24\})$	2048
24	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 8^3, 24\})$	640
24	$\mathcal{O}(0; \{3^5, 6^2, 8^3, 24\})$	5504
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^2, 8^3, 24\})$	2560
24	$\mathcal{O}(0; \{2^5, 6^3, 8^3, 24\})$	384
24	$\mathcal{O}(0; \{2, 3^3, 6^3, 8^3, 24\})$	2688
24	$\mathcal{O}(0; \{2^2, 4^2, 6^3, 8^3, 24\})$	1536
24	$\mathcal{O}(0; \{2^2, 3, 6^4, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{6^6, 8^3, 24\})$	2688
24	$\mathcal{O}(0; \{2, 3^3, 4, 8^5, 24\})$	12288
24	$\mathcal{O}(0; \{2^2, 3, 4, 6, 8^5, 24\})$	4096
24	$\mathcal{O}(0; \{4, 6^3, 8^5, 24\})$	12288
24	$\mathcal{O}(0; \{3, 6, 8^7, 24\})$	32768
24	$\mathcal{O}(0; \{2^9, 3^2, 8, 12, 24\})$	48
24	$\mathcal{O}(0; \{2^5, 3^5, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{2, 3^8, 8, 12, 24\})$	2736
24	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 8, 12, 24\})$	192
24	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 8, 12, 24\})$	1344
24	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 8, 12, 24\})$	768
24	$\mathcal{O}(0; \{3^2, 4^6, 8, 12, 24\})$	3072
24	$\mathcal{O}(0; \{2^{10}, 6, 8, 12, 24\})$	16
24	$\mathcal{O}(0; \{2^6, 3^3, 6, 8, 12, 24\})$	176
24	$\mathcal{O}(0; \{2^2, 3^6, 6, 8, 12, 24\})$	1360
24	$\mathcal{O}(0; \{2^7, 4^2, 6, 8, 12, 24\})$	64
24	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6, 8, 12, 24\})$	704
24	$\mathcal{O}(0; \{2^4, 4^4, 6, 8, 12, 24\})$	256
24	$\mathcal{O}(0; \{3^3, 4^4, 6, 8, 12, 24\})$	2816
24	$\mathcal{O}(0; \{2, 4^6, 6, 8, 12, 24\})$	1024
24	$\mathcal{O}(0; \{2^7, 3, 6^2, 8, 12, 24\})$	80
24	$\mathcal{O}(0; \{2^3, 3^4, 6^2, 8, 12, 24\})$	688

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^2, 8, 12, 24\})$	320
24	$\mathcal{O}(0; \{3^4, 4^2, 6^2, 8, 12, 24\})$	2752
24	$\mathcal{O}(0; \{2, 3, 4^4, 6^2, 8, 12, 24\})$	1280
24	$\mathcal{O}(0; \{2^4, 3^2, 6^3, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{3^5, 6^3, 8, 12, 24\})$	2736
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^3, 8, 12, 24\})$	1344
24	$\mathcal{O}(0; \{2^5, 6^4, 8, 12, 24\})$	176
24	$\mathcal{O}(0; \{2, 3^3, 6^4, 8, 12, 24\})$	1360
24	$\mathcal{O}(0; \{2^2, 4^2, 6^4, 8, 12, 24\})$	704
24	$\mathcal{O}(0; \{2^2, 3, 6^5, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{6^7, 8, 12, 24\})$	1360
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 8^3, 12, 24\})$	1536
24	$\mathcal{O}(0; \{3^5, 4, 8^3, 12, 24\})$	10752
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 8^3, 12, 24\})$	6144
24	$\mathcal{O}(0; \{2^5, 4, 6, 8^3, 12, 24\})$	512
24	$\mathcal{O}(0; \{2, 3^3, 4, 6, 8^3, 12, 24\})$	5632
24	$\mathcal{O}(0; \{2^2, 4^3, 6, 8^3, 12, 24\})$	2048
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^2, 8^3, 12, 24\})$	2560
24	$\mathcal{O}(0; \{4, 6^4, 8^3, 12, 24\})$	5632
24	$\mathcal{O}(0; \{2^2, 3^2, 8^5, 12, 24\})$	12288
24	$\mathcal{O}(0; \{2^3, 6, 8^5, 12, 24\})$	4096
24	$\mathcal{O}(0; \{4^2, 6, 8^5, 12, 24\})$	16384
24	$\mathcal{O}(0; \{3, 6^2, 8^5, 12, 24\})$	20480
24	$\mathcal{O}(0; \{2^7, 3, 4, 8, 12^2, 24\})$	192
24	$\mathcal{O}(0; \{2^3, 3^4, 4, 8, 12^2, 24\})$	1344
24	$\mathcal{O}(0; \{2^4, 3, 4^3, 8, 12^2, 24\})$	768
24	$\mathcal{O}(0; \{3^4, 4^3, 8, 12^2, 24\})$	5376
24	$\mathcal{O}(0; \{2, 3, 4^5, 8, 12^2, 24\})$	3072
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 6, 8, 12^2, 24\})$	704
24	$\mathcal{O}(0; \{3^5, 4, 6, 8, 12^2, 24\})$	5440
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 6, 8, 12^2, 24\})$	2816
24	$\mathcal{O}(0; \{2^5, 4, 6^2, 8, 12^2, 24\})$	320
24	$\mathcal{O}(0; \{2, 3^3, 4, 6^2, 8, 12^2, 24\})$	2752
24	$\mathcal{O}(0; \{2^2, 4^3, 6^2, 8, 12^2, 24\})$	1280
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^3, 8, 12^2, 24\})$	1344
24	$\mathcal{O}(0; \{4, 6^5, 8, 12^2, 24\})$	2752
24	$\mathcal{O}(0; \{2^5, 3, 8^3, 12^2, 24\})$	1536
24	$\mathcal{O}(0; \{2, 3^4, 8^3, 12^2, 24\})$	10752
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 8^3, 12^2, 24\})$	6144
24	$\mathcal{O}(0; \{2^2, 3^2, 6, 8^3, 12^2, 24\})$	5632
24	$\mathcal{O}(0; \{2^3, 6^2, 8^3, 12^2, 24\})$	2560
24	$\mathcal{O}(0; \{4^2, 6^2, 8^3, 12^2, 24\})$	10240
24	$\mathcal{O}(0; \{3, 6^3, 8^3, 12^2, 24\})$	10752

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3, 4, 8^5, 12^2, 24\})$	49152
24	$\mathcal{O}(0; \{2^8, 8, 12^3, 24\})$	192
24	$\mathcal{O}(0; \{2^4, 3^3, 8, 12^3, 24\})$	1344
24	$\mathcal{O}(0; \{3^6, 8, 12^3, 24\})$	10944
24	$\mathcal{O}(0; \{2^5, 4^2, 8, 12^3, 24\})$	768
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 8, 12^3, 24\})$	5376
24	$\mathcal{O}(0; \{2^2, 4^4, 8, 12^3, 24\})$	3072
24	$\mathcal{O}(0; \{2^5, 3, 6, 8, 12^3, 24\})$	704
24	$\mathcal{O}(0; \{2, 3^4, 6, 8, 12^3, 24\})$	5440
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 8, 12^3, 24\})$	2816
24	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 8, 12^3, 24\})$	2752
24	$\mathcal{O}(0; \{2^3, 6^3, 8, 12^3, 24\})$	1344
24	$\mathcal{O}(0; \{4^2, 6^3, 8, 12^3, 24\})$	5376
24	$\mathcal{O}(0; \{3, 6^4, 8, 12^3, 24\})$	5440
24	$\mathcal{O}(0; \{2^3, 4, 8^3, 12^3, 24\})$	6144
24	$\mathcal{O}(0; \{4^3, 8^3, 12^3, 24\})$	24576
24	$\mathcal{O}(0; \{3, 4, 6, 8^3, 12^3, 24\})$	22528
24	$\mathcal{O}(0; \{2, 8^5, 12^3, 24\})$	49152
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 8, 12^4, 24\})$	5376
24	$\mathcal{O}(0; \{2^3, 4, 6, 8, 12^4, 24\})$	2816
24	$\mathcal{O}(0; \{4^3, 6, 8, 12^4, 24\})$	11264
24	$\mathcal{O}(0; \{3, 4, 6^2, 8, 12^4, 24\})$	11008
24	$\mathcal{O}(0; \{3^2, 8^3, 12^4, 24\})$	43008
24	$\mathcal{O}(0; \{2, 6, 8^3, 12^4, 24\})$	22528
24	$\mathcal{O}(0; \{2^3, 3, 8, 12^5, 24\})$	5376
24	$\mathcal{O}(0; \{3, 4^2, 8, 12^5, 24\})$	21504
24	$\mathcal{O}(0; \{3^2, 6, 8, 12^5, 24\})$	21760
24	$\mathcal{O}(0; \{2, 6^2, 8, 12^5, 24\})$	11008
24	$\mathcal{O}(0; \{2, 4, 8, 12^6, 24\})$	21504
24	$\mathcal{O}(0; \{2^{12}, 3, 24^2\})$	8
24	$\mathcal{O}(0; \{2^8, 3^4, 24^2\})$	88
24	$\mathcal{O}(0; \{2^4, 3^7, 24^2\})$	680
24	$\mathcal{O}(0; \{3^{10}, 24^2\})$	5464
24	$\mathcal{O}(0; \{2^9, 3, 4^2, 24^2\})$	32
24	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 24^2\})$	352
24	$\mathcal{O}(0; \{2, 3^7, 4^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^6, 3, 4^4, 24^2\})$	128
24	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^3, 3, 4^6, 24^2\})$	512
24	$\mathcal{O}(0; \{3, 4^8, 24^2\})$	2048
24	$\mathcal{O}(0; \{2^9, 3^2, 6, 24^2\})$	40
24	$\mathcal{O}(0; \{2^5, 3^5, 6, 24^2\})$	344
24	$\mathcal{O}(0; \{2, 3^8, 6, 24^2\})$	2728

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6, 24^2\})$	160
24	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6, 24^2\})$	640
24	$\mathcal{O}(0; \{3^2, 4^6, 6, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^{10}, 6^2, 24^2\})$	24
24	$\mathcal{O}(0; \{2^6, 3^3, 6^2, 24^2\})$	168
24	$\mathcal{O}(0; \{2^2, 3^6, 6^2, 24^2\})$	1368
24	$\mathcal{O}(0; \{2^7, 4^2, 6^2, 24^2\})$	96
24	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^2, 24^2\})$	672
24	$\mathcal{O}(0; \{2^4, 4^4, 6^2, 24^2\})$	384
24	$\mathcal{O}(0; \{3^3, 4^4, 6^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2, 4^6, 6^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^7, 3, 6^3, 24^2\})$	88
24	$\mathcal{O}(0; \{2^3, 3^4, 6^3, 24^2\})$	680
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^3, 24^2\})$	352
24	$\mathcal{O}(0; \{3^4, 4^2, 6^3, 24^2\})$	2720
24	$\mathcal{O}(0; \{2, 3, 4^4, 6^3, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^4, 3^2, 6^4, 24^2\})$	344
24	$\mathcal{O}(0; \{3^5, 6^4, 24^2\})$	2728
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^4, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^5, 6^5, 24^2\})$	168
24	$\mathcal{O}(0; \{2, 3^3, 6^5, 24^2\})$	1368
24	$\mathcal{O}(0; \{2^2, 4^2, 6^5, 24^2\})$	672
24	$\mathcal{O}(0; \{2^2, 3, 6^6, 24^2\})$	680
24	$\mathcal{O}(0; \{6^8, 24^2\})$	1368
24	$\mathcal{O}(0; \{2^7, 3, 4, 8^2, 24^2\})$	256
24	$\mathcal{O}(0; \{2^3, 3^4, 4, 8^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^4, 3, 4^3, 8^2, 24^2\})$	1024
24	$\mathcal{O}(0; \{3^4, 4^3, 8^2, 24^2\})$	11264
24	$\mathcal{O}(0; \{2, 3, 4^5, 8^2, 24^2\})$	4096
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 6, 8^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{3^5, 4, 6, 8^2, 24^2\})$	11008
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 6, 8^2, 24^2\})$	5120
24	$\mathcal{O}(0; \{2^5, 4, 6^2, 8^2, 24^2\})$	768
24	$\mathcal{O}(0; \{2, 3^3, 4, 6^2, 8^2, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^2, 4^3, 6^2, 8^2, 24^2\})$	3072
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^3, 8^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{4, 6^5, 8^2, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^5, 3, 8^4, 24^2\})$	2048
24	$\mathcal{O}(0; \{2, 3^4, 8^4, 24^2\})$	22528
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 8^4, 24^2\})$	8192
24	$\mathcal{O}(0; \{2^2, 3^2, 6, 8^4, 24^2\})$	10240
24	$\mathcal{O}(0; \{2^3, 6^2, 8^4, 24^2\})$	6144

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{4^2, 6^2, 8^4, 24^2\})$	24576
24	$\mathcal{O}(0; \{3, 6^3, 8^4, 24^2\})$	22528
24	$\mathcal{O}(0; \{3, 4, 8^6, 24^2\})$	65536
24	$\mathcal{O}(0; \{2^{10}, 4, 12, 24^2\})$	32
24	$\mathcal{O}(0; \{2^6, 3^3, 4, 12, 24^2\})$	352
24	$\mathcal{O}(0; \{2^2, 3^6, 4, 12, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^7, 4^3, 12, 24^2\})$	128
24	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 12, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^4, 4^5, 12, 24^2\})$	512
24	$\mathcal{O}(0; \{3^3, 4^5, 12, 24^2\})$	5632
24	$\mathcal{O}(0; \{2, 4^7, 12, 24^2\})$	2048
24	$\mathcal{O}(0; \{2^7, 3, 4, 6, 12, 24^2\})$	160
24	$\mathcal{O}(0; \{2^3, 3^4, 4, 6, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^4, 3, 4^3, 6, 12, 24^2\})$	640
24	$\mathcal{O}(0; \{3^4, 4^3, 6, 12, 24^2\})$	5504
24	$\mathcal{O}(0; \{2, 3, 4^5, 6, 12, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^2, 12, 24^2\})$	672
24	$\mathcal{O}(0; \{3^5, 4, 6^2, 12, 24^2\})$	5472
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^2, 12, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^5, 4, 6^3, 12, 24^2\})$	352
24	$\mathcal{O}(0; \{2, 3^3, 4, 6^3, 12, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^2, 4^3, 6^3, 12, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^4, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{4, 6^6, 12, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^8, 8^2, 12, 24^2\})$	256
24	$\mathcal{O}(0; \{2^4, 3^3, 8^2, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{3^6, 8^2, 12, 24^2\})$	21760
24	$\mathcal{O}(0; \{2^5, 4^2, 8^2, 12, 24^2\})$	1024
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 8^2, 12, 24^2\})$	11264
24	$\mathcal{O}(0; \{2^2, 4^4, 8^2, 12, 24^2\})$	4096
24	$\mathcal{O}(0; \{2^5, 3, 6, 8^2, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{2, 3^4, 6, 8^2, 12, 24^2\})$	11008
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 8^2, 12, 24^2\})$	5120
24	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 8^2, 12, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^3, 6^3, 8^2, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{4^2, 6^3, 8^2, 12, 24^2\})$	11264
24	$\mathcal{O}(0; \{3, 6^4, 8^2, 12, 24^2\})$	11008
24	$\mathcal{O}(0; \{2^3, 4, 8^4, 12, 24^2\})$	8192
24	$\mathcal{O}(0; \{4^3, 8^4, 12, 24^2\})$	32768
24	$\mathcal{O}(0; \{3, 4, 6, 8^4, 12, 24^2\})$	40960
24	$\mathcal{O}(0; \{2, 8^6, 12, 24^2\})$	65536
24	$\mathcal{O}(0; \{2^7, 3^2, 12^2, 24^2\})$	352
24	$\mathcal{O}(0; \{2^3, 3^5, 12^2, 24^2\})$	2720

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 12^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{3^5, 4^2, 12^2, 24^2\})$	10880
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 12^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^8, 6, 12^2, 24^2\})$	160
24	$\mathcal{O}(0; \{2^4, 3^3, 6, 12^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{3^6, 6, 12^2, 24^2\})$	10912
24	$\mathcal{O}(0; \{2^5, 4^2, 6, 12^2, 24^2\})$	640
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6, 12^2, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^2, 4^4, 6, 12^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^5, 3, 6^2, 12^2, 24^2\})$	672
24	$\mathcal{O}(0; \{2, 3^4, 6^2, 12^2, 24^2\})$	5472
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^2, 12^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 12^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^3, 6^4, 12^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{4^2, 6^4, 12^2, 24^2\})$	5504
24	$\mathcal{O}(0; \{3, 6^5, 12^2, 24^2\})$	5472
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 8^2, 12^2, 24^2\})$	11264
24	$\mathcal{O}(0; \{2^3, 4, 6, 8^2, 12^2, 24^2\})$	5120
24	$\mathcal{O}(0; \{4^3, 6, 8^2, 12^2, 24^2\})$	20480
24	$\mathcal{O}(0; \{3, 4, 6^2, 8^2, 12^2, 24^2\})$	21504
24	$\mathcal{O}(0; \{3^2, 8^4, 12^2, 24^2\})$	90112
24	$\mathcal{O}(0; \{2, 6, 8^4, 12^2, 24^2\})$	40960
24	$\mathcal{O}(0; \{2^5, 3, 4, 12^3, 24^2\})$	1408
24	$\mathcal{O}(0; \{2, 3^4, 4, 12^3, 24^2\})$	10880
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 12^3, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 12^3, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^3, 4, 6^2, 12^3, 24^2\})$	2688
24	$\mathcal{O}(0; \{4^3, 6^2, 12^3, 24^2\})$	10752
24	$\mathcal{O}(0; \{3, 4, 6^3, 12^3, 24^2\})$	10880
24	$\mathcal{O}(0; \{2^3, 3, 8^2, 12^3, 24^2\})$	11264
24	$\mathcal{O}(0; \{3, 4^2, 8^2, 12^3, 24^2\})$	45056
24	$\mathcal{O}(0; \{3^2, 6, 8^2, 12^3, 24^2\})$	44032
24	$\mathcal{O}(0; \{2, 6^2, 8^2, 12^3, 24^2\})$	21504
24	$\mathcal{O}(0; \{2^6, 12^4, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^2, 3^3, 12^4, 24^2\})$	10880
24	$\mathcal{O}(0; \{2^3, 4^2, 12^4, 24^2\})$	5632
24	$\mathcal{O}(0; \{4^4, 12^4, 24^2\})$	22528
24	$\mathcal{O}(0; \{2^3, 3, 6, 12^4, 24^2\})$	5504
24	$\mathcal{O}(0; \{3, 4^2, 6, 12^4, 24^2\})$	22016
24	$\mathcal{O}(0; \{3^2, 6^2, 12^4, 24^2\})$	21888
24	$\mathcal{O}(0; \{2, 6^3, 12^4, 24^2\})$	10880
24	$\mathcal{O}(0; \{2, 4, 8^2, 12^4, 24^2\})$	45056
24	$\mathcal{O}(0; \{3^2, 4, 12^5, 24^2\})$	43520

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 4, 6, 12^5, 24^2\})$	22016
24	$\mathcal{O}(0; \{2, 3, 12^6, 24^2\})$	43520
24	$\mathcal{O}(0; \{2^7, 3^2, 8, 24^3\})$	640
24	$\mathcal{O}(0; \{2^3, 3^5, 8, 24^3\})$	5504
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 8, 24^3\})$	2560
24	$\mathcal{O}(0; \{3^5, 4^2, 8, 24^3\})$	22016
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 8, 24^3\})$	10240
24	$\mathcal{O}(0; \{2^8, 6, 8, 24^3\})$	384
24	$\mathcal{O}(0; \{2^4, 3^3, 6, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{3^6, 6, 8, 24^3\})$	21888
24	$\mathcal{O}(0; \{2^5, 4^2, 6, 8, 24^3\})$	1536
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6, 8, 24^3\})$	10752
24	$\mathcal{O}(0; \{2^2, 4^4, 6, 8, 24^3\})$	6144
24	$\mathcal{O}(0; \{2^5, 3, 6^2, 8, 24^3\})$	1408
24	$\mathcal{O}(0; \{2, 3^4, 6^2, 8, 24^3\})$	10880
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^2, 8, 24^3\})$	5632
24	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 8, 24^3\})$	5504
24	$\mathcal{O}(0; \{2^3, 6^4, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{4^2, 6^4, 8, 24^3\})$	10752
24	$\mathcal{O}(0; \{3, 6^5, 8, 24^3\})$	10880
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 8^3, 24^3\})$	20480
24	$\mathcal{O}(0; \{2^3, 4, 6, 8^3, 24^3\})$	12288
24	$\mathcal{O}(0; \{4^3, 6, 8^3, 24^3\})$	49152
24	$\mathcal{O}(0; \{3, 4, 6^2, 8^3, 24^3\})$	45056
24	$\mathcal{O}(0; \{3^2, 8^5, 24^3\})$	163840
24	$\mathcal{O}(0; \{2, 6, 8^5, 24^3\})$	98304
24	$\mathcal{O}(0; \{2^5, 3, 4, 8, 12, 24^3\})$	2560
24	$\mathcal{O}(0; \{2, 3^4, 4, 8, 12, 24^3\})$	22016
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 8, 12, 24^3\})$	10240
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 8, 12, 24^3\})$	10752
24	$\mathcal{O}(0; \{2^3, 4, 6^2, 8, 12, 24^3\})$	5632
24	$\mathcal{O}(0; \{4^3, 6^2, 8, 12, 24^3\})$	22528
24	$\mathcal{O}(0; \{3, 4, 6^3, 8, 12, 24^3\})$	22016
24	$\mathcal{O}(0; \{2^3, 3, 8^3, 12, 24^3\})$	20480
24	$\mathcal{O}(0; \{3, 4^2, 8^3, 12, 24^3\})$	81920
24	$\mathcal{O}(0; \{3^2, 6, 8^3, 12, 24^3\})$	86016
24	$\mathcal{O}(0; \{2, 6^2, 8^3, 12, 24^3\})$	45056
24	$\mathcal{O}(0; \{2^6, 8, 12^2, 24^3\})$	2560
24	$\mathcal{O}(0; \{2^2, 3^3, 8, 12^2, 24^3\})$	22016
24	$\mathcal{O}(0; \{2^3, 4^2, 8, 12^2, 24^3\})$	10240
24	$\mathcal{O}(0; \{4^4, 8, 12^2, 24^3\})$	40960
24	$\mathcal{O}(0; \{2^3, 3, 6, 8, 12^2, 24^3\})$	10752
24	$\mathcal{O}(0; \{3, 4^2, 6, 8, 12^2, 24^3\})$	43008

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^2, 6^2, 8, 12^2, 24^3\})$	43520
24	$\mathcal{O}(0; \{2, 6^3, 8, 12^2, 24^3\})$	22016
24	$\mathcal{O}(0; \{2, 4, 8^3, 12^2, 24^3\})$	81920
24	$\mathcal{O}(0; \{3^2, 4, 8, 12^3, 24^3\})$	88064
24	$\mathcal{O}(0; \{2, 4, 6, 8, 12^3, 24^3\})$	43008
24	$\mathcal{O}(0; \{2, 3, 8, 12^4, 24^3\})$	88064
24	$\mathcal{O}(0; \{2^8, 4, 24^4\})$	768
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 24^4\})$	5376
24	$\mathcal{O}(0; \{3^6, 4, 24^4\})$	43776
24	$\mathcal{O}(0; \{2^5, 4^3, 24^4\})$	3072
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 24^4\})$	21504
24	$\mathcal{O}(0; \{2^2, 4^5, 24^4\})$	12288
24	$\mathcal{O}(0; \{2^5, 3, 4, 6, 24^4\})$	2816
24	$\mathcal{O}(0; \{2, 3^4, 4, 6, 24^4\})$	21760
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6, 24^4\})$	11264
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^2, 24^4\})$	11008
24	$\mathcal{O}(0; \{2^3, 4, 6^3, 24^4\})$	5376
24	$\mathcal{O}(0; \{4^3, 6^3, 24^4\})$	21504
24	$\mathcal{O}(0; \{3, 4, 6^4, 24^4\})$	21760
24	$\mathcal{O}(0; \{2^6, 8^2, 24^4\})$	6144
24	$\mathcal{O}(0; \{2^2, 3^3, 8^2, 24^4\})$	43008
24	$\mathcal{O}(0; \{2^3, 4^2, 8^2, 24^4\})$	24576
24	$\mathcal{O}(0; \{4^4, 8^2, 24^4\})$	98304
24	$\mathcal{O}(0; \{2^3, 3, 6, 8^2, 24^4\})$	22528
24	$\mathcal{O}(0; \{3, 4^2, 6, 8^2, 24^4\})$	90112
24	$\mathcal{O}(0; \{3^2, 6^2, 8^2, 24^4\})$	88064
24	$\mathcal{O}(0; \{2, 6^3, 8^2, 24^4\})$	43008
24	$\mathcal{O}(0; \{2, 4, 8^4, 24^4\})$	196608
24	$\mathcal{O}(0; \{2^5, 3^2, 12, 24^4\})$	5376
24	$\mathcal{O}(0; \{2, 3^5, 12, 24^4\})$	43776
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 12, 24^4\})$	21504
24	$\mathcal{O}(0; \{2^6, 6, 12, 24^4\})$	2816
24	$\mathcal{O}(0; \{2^2, 3^3, 6, 12, 24^4\})$	21760
24	$\mathcal{O}(0; \{2^3, 4^2, 6, 12, 24^4\})$	11264
24	$\mathcal{O}(0; \{4^4, 6, 12, 24^4\})$	45056
24	$\mathcal{O}(0; \{2^3, 3, 6^2, 12, 24^4\})$	11008
24	$\mathcal{O}(0; \{3, 4^2, 6^2, 12, 24^4\})$	44032
24	$\mathcal{O}(0; \{3^2, 6^3, 12, 24^4\})$	43776
24	$\mathcal{O}(0; \{2, 6^4, 12, 24^4\})$	21760
24	$\mathcal{O}(0; \{3^2, 4, 8^2, 12, 24^4\})$	172032
24	$\mathcal{O}(0; \{2, 4, 6, 8^2, 12, 24^4\})$	90112
24	$\mathcal{O}(0; \{2^3, 3, 4, 12^2, 24^4\})$	21504
24	$\mathcal{O}(0; \{3, 4^3, 12^2, 24^4\})$	86016

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^2, 4, 6, 12^2, 24^4\})$	87040
24	$\mathcal{O}(0; \{2, 4, 6^2, 12^2, 24^4\})$	44032
24	$\mathcal{O}(0; \{2, 3, 8^2, 12^2, 24^4\})$	172032
24	$\mathcal{O}(0; \{2^4, 12^3, 24^4\})$	21504
24	$\mathcal{O}(0; \{3^3, 12^3, 24^4\})$	175104
24	$\mathcal{O}(0; \{2, 4^2, 12^3, 24^4\})$	86016
24	$\mathcal{O}(0; \{2, 3, 6, 12^3, 24^4\})$	87040
24	$\mathcal{O}(0; \{2^3, 3, 4, 8, 24^5\})$	45056
24	$\mathcal{O}(0; \{3, 4^3, 8, 24^5\})$	180224
24	$\mathcal{O}(0; \{3^2, 4, 6, 8, 24^5\})$	176128
24	$\mathcal{O}(0; \{2, 4, 6^2, 8, 24^5\})$	86016
24	$\mathcal{O}(0; \{2, 3, 8^3, 24^5\})$	360448
24	$\mathcal{O}(0; \{2^4, 8, 12, 24^5\})$	45056
24	$\mathcal{O}(0; \{3^3, 8, 12, 24^5\})$	348160
24	$\mathcal{O}(0; \{2, 4^2, 8, 12, 24^5\})$	180224
24	$\mathcal{O}(0; \{2, 3, 6, 8, 12, 24^5\})$	176128
24	$\mathcal{O}(0; \{2^3, 3^2, 24^6\})$	88064
24	$\mathcal{O}(0; \{3^2, 4^2, 24^6\})$	352256
24	$\mathcal{O}(0; \{2^4, 6, 24^6\})$	43008
24	$\mathcal{O}(0; \{3^3, 6, 24^6\})$	350208
24	$\mathcal{O}(0; \{2, 4^2, 6, 24^6\})$	172032
24	$\mathcal{O}(0; \{2, 3, 6^2, 24^6\})$	174080
24	$\mathcal{O}(0; \{2, 3, 4, 12, 24^6\})$	352256
24	$\mathcal{O}(0; \{2^2, 12^2, 24^6\})$	352256
24	$\mathcal{O}(0; \{2^2, 8, 24^7\})$	688128
24	$\mathcal{O}(0; \{12, 24^8\})$	5570560
25	$\mathcal{O}(2; \{5^3, 25^2\})$	500000000
25	$\mathcal{O}(0; \{5^8, 25^2\})$	1310720
25	$\mathcal{O}(0; \{5^2, 25^7\})$	819000000
26	$\mathcal{O}(1; \{2, 13^5, 26\})$	155271792
26	$\mathcal{O}(0; \{2^5, 13^5, 26\})$	229692
26	$\mathcal{O}(0; \{2^3, 13^4, 26^3\})$	2756292
26	$\mathcal{O}(0; \{2, 13^3, 26^5\})$	33075516
27	$\mathcal{O}(2; \{27^4\})$	2324522934
27	$\mathcal{O}(1; \{3^3, 27^4\})$	25509168
27	$\mathcal{O}(0; \{3^6, 27^4\})$	279936
27	$\mathcal{O}(0; \{3^2, 9^3, 27^4\})$	3779136
28	$\mathcal{O}(2; \{2^2, 4, 14, 28\})$	7375872
28	$\mathcal{O}(2; \{7^2, 28^2\})$	228652032
28	$\mathcal{O}(2; \{4, 28^3\})$	147517440
28	$\mathcal{O}(1; \{2^3, 4^2, 7^2, 14\})$	47040
28	$\mathcal{O}(1; \{4^4, 7^2, 14\})$	188160
28	$\mathcal{O}(1; \{2, 4^2, 7, 14^3\})$	291648

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(1; \{2, 4, 7^4, 28\})$	1740480
28	$\mathcal{O}(1; \{2^6, 4, 14, 28\})$	9408
28	$\mathcal{O}(1; \{2^3, 4^3, 14, 28\})$	37632
28	$\mathcal{O}(1; \{4^5, 14, 28\})$	150528
28	$\mathcal{O}(1; \{2^4, 7^2, 28^2\})$	291648
28	$\mathcal{O}(1; \{2, 4^2, 7^2, 28^2\})$	1166592
28	$\mathcal{O}(1; \{2^2, 7, 14^2, 28^2\})$	1740480
28	$\mathcal{O}(1; \{14^4, 28^2\})$	10452288
28	$\mathcal{O}(1; \{2^4, 4, 28^3\})$	188160
28	$\mathcal{O}(1; \{2, 4^3, 28^3\})$	752640
28	$\mathcal{O}(1; \{7, 14, 28^4\})$	41809152
28	$\mathcal{O}(0; \{2^2, 4^2, 7^6\})$	13332
28	$\mathcal{O}(0; \{2^7, 4^2, 7^2, 14\})$	60
28	$\mathcal{O}(0; \{2^4, 4^4, 7^2, 14\})$	240
28	$\mathcal{O}(0; \{2, 4^6, 7^2, 14\})$	960
28	$\mathcal{O}(0; \{4^2, 7^5, 14^2\})$	79980
28	$\mathcal{O}(0; \{2^5, 4^2, 7, 14^3\})$	372
28	$\mathcal{O}(0; \{2^2, 4^4, 7, 14^3\})$	1488
28	$\mathcal{O}(0; \{2^3, 4^2, 14^5\})$	2220
28	$\mathcal{O}(0; \{4^4, 14^5\})$	8880
28	$\mathcal{O}(0; \{2^5, 4, 7^4, 28\})$	2220
28	$\mathcal{O}(0; \{2^2, 4^3, 7^4, 28\})$	8880
28	$\mathcal{O}(0; \{2^{10}, 4, 14, 28\})$	12
28	$\mathcal{O}(0; \{2^7, 4^3, 14, 28\})$	48
28	$\mathcal{O}(0; \{2^4, 4^5, 14, 28\})$	192
28	$\mathcal{O}(0; \{2, 4^7, 14, 28\})$	768
28	$\mathcal{O}(0; \{2^3, 4, 7^3, 14^2, 28\})$	13332
28	$\mathcal{O}(0; \{4^3, 7^3, 14^2, 28\})$	53328
28	$\mathcal{O}(0; \{2, 4, 7^2, 14^4, 28\})$	79980
28	$\mathcal{O}(0; \{2^8, 7^2, 28^2\})$	372
28	$\mathcal{O}(0; \{2^5, 4^2, 7^2, 28^2\})$	1488
28	$\mathcal{O}(0; \{2^2, 4^4, 7^2, 28^2\})$	5952
28	$\mathcal{O}(0; \{2, 7^5, 14, 28^2\})$	479892
28	$\mathcal{O}(0; \{2^6, 7, 14^2, 28^2\})$	2220
28	$\mathcal{O}(0; \{2^3, 4^2, 7, 14^2, 28^2\})$	8880
28	$\mathcal{O}(0; \{4^4, 7, 14^2, 28^2\})$	35520
28	$\mathcal{O}(0; \{2^4, 14^4, 28^2\})$	13332
28	$\mathcal{O}(0; \{2, 4^2, 14^4, 28^2\})$	53328
28	$\mathcal{O}(0; \{2^8, 4, 28^3\})$	240
28	$\mathcal{O}(0; \{2^5, 4^3, 28^3\})$	960
28	$\mathcal{O}(0; \{2^2, 4^5, 28^3\})$	3840
28	$\mathcal{O}(0; \{2, 4, 7^3, 14, 28^3\})$	319920
28	$\mathcal{O}(0; \{2^4, 7, 14, 28^4\})$	53328

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{2, 4^2, 7, 14, 28^4\})$	213312
28	$\mathcal{O}(0; \{2^2, 14^3, 28^4\})$	319920
28	$\mathcal{O}(0; \{2^2, 7, 28^6\})$	1279680
28	$\mathcal{O}(0; \{14^2, 28^6\})$	7678272
30	$\mathcal{O}(2; \{5^2, 6^2\})$	6480000
30	$\mathcal{O}(2; \{2, 10, 15^2\})$	19440000
30	$\mathcal{O}(2; \{3, 5, 6, 30\})$	6480000
30	$\mathcal{O}(2; \{3^2, 30^2\})$	19440000
30	$\mathcal{O}(2; \{2, 6, 30^2\})$	6480000
30	$\mathcal{O}(1; \{2^2, 3^4, 5^2\})$	21600
30	$\mathcal{O}(1; \{2^3, 3^2, 5^2, 6\})$	7200
30	$\mathcal{O}(1; \{2^4, 5^2, 6^2\})$	7200
30	$\mathcal{O}(1; \{3^3, 5^2, 6^2\})$	36000
30	$\mathcal{O}(1; \{2, 3, 5^2, 6^3\})$	21600
30	$\mathcal{O}(1; \{3^4, 5, 10^2\})$	64800
30	$\mathcal{O}(1; \{2, 3^2, 5, 6, 10^2\})$	21600
30	$\mathcal{O}(1; \{2^2, 5, 6^2, 10^2\})$	21600
30	$\mathcal{O}(1; \{6^2, 10^4\})$	93600
30	$\mathcal{O}(1; \{2, 3^2, 5^2, 10, 15\})$	93600
30	$\mathcal{O}(1; \{2^2, 5^2, 6, 10, 15\})$	93600
30	$\mathcal{O}(1; \{5, 6, 10^3, 15\})$	367200
30	$\mathcal{O}(1; \{2^2, 5^3, 15^2\})$	367200
30	$\mathcal{O}(1; \{2^5, 10, 15^2\})$	21600
30	$\mathcal{O}(1; \{2, 3^3, 10, 15^2\})$	108000
30	$\mathcal{O}(1; \{2^2, 3, 6, 10, 15^2\})$	64800
30	$\mathcal{O}(1; \{6^3, 10, 15^2\})$	108000
30	$\mathcal{O}(1; \{5^2, 10^2, 15^2\})$	1476000
30	$\mathcal{O}(1; \{2^2, 3, 5, 15^3\})$	280800
30	$\mathcal{O}(1; \{5, 6^2, 15^3\})$	468000
30	$\mathcal{O}(1; \{3, 10^2, 15^3\})$	1101600
30	$\mathcal{O}(1; \{2^3, 3^3, 5, 30\})$	21600
30	$\mathcal{O}(1; \{2^4, 3, 5, 6, 30\})$	7200
30	$\mathcal{O}(1; \{3^4, 5, 6, 30\})$	79200
30	$\mathcal{O}(1; \{2, 3^2, 5, 6^2, 30\})$	36000
30	$\mathcal{O}(1; \{2^2, 5, 6^3, 30\})$	21600
30	$\mathcal{O}(1; \{2, 3^3, 10^2, 30\})$	64800
30	$\mathcal{O}(1; \{2^2, 3, 6, 10^2, 30\})$	21600
30	$\mathcal{O}(1; \{6^3, 10^2, 30\})$	64800
30	$\mathcal{O}(1; \{2^2, 3, 5, 10, 15, 30\})$	93600
30	$\mathcal{O}(1; \{5, 6^2, 10, 15, 30\})$	280800
30	$\mathcal{O}(1; \{3, 10^3, 15, 30\})$	367200
30	$\mathcal{O}(1; \{5^2, 6, 15^2, 30\})$	1101600
30	$\mathcal{O}(1; \{2^3, 15^3, 30\})$	280800

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{3, 6, 15^3, 30\})$	1029600
30	$\mathcal{O}(1; \{2^4, 3^2, 30^2\})$	21600
30	$\mathcal{O}(1; \{3^5, 30^2\})$	151200
30	$\mathcal{O}(1; \{2^5, 6, 30^2\})$	7200
30	$\mathcal{O}(1; \{2, 3^3, 6, 30^2\})$	79200
30	$\mathcal{O}(1; \{2^2, 3, 6^2, 30^2\})$	36000
30	$\mathcal{O}(1; \{6^4, 30^2\})$	79200
30	$\mathcal{O}(1; \{5^2, 6, 10, 30^2\})$	367200
30	$\mathcal{O}(1; \{5^3, 15, 30^2\})$	1476000
30	$\mathcal{O}(1; \{2^3, 10, 15, 30^2\})$	93600
30	$\mathcal{O}(1; \{3, 6, 10, 15, 30^2\})$	468000
30	$\mathcal{O}(1; \{3, 5, 15^2, 30^2\})$	1836000
30	$\mathcal{O}(1; \{3, 5, 10, 30^3\})$	1101600
30	$\mathcal{O}(1; \{2, 15^2, 30^3\})$	1836000
30	$\mathcal{O}(1; \{2, 10, 30^4\})$	1101600
30	$\mathcal{O}(0; \{2^6, 3^4, 5^2\})$	24
30	$\mathcal{O}(0; \{2^2, 3^7, 5^2\})$	168
30	$\mathcal{O}(0; \{2^7, 3^2, 5^2, 6\})$	8
30	$\mathcal{O}(0; \{2^3, 3^5, 5^2, 6\})$	88
30	$\mathcal{O}(0; \{2^8, 5^2, 6^2\})$	8
30	$\mathcal{O}(0; \{2^4, 3^3, 5^2, 6^2\})$	40
30	$\mathcal{O}(0; \{3^6, 5^2, 6^2\})$	344
30	$\mathcal{O}(0; \{5^7, 6^2\})$	6552
30	$\mathcal{O}(0; \{2^5, 3, 5^2, 6^3\})$	24
30	$\mathcal{O}(0; \{2, 3^4, 5^2, 6^3\})$	168
30	$\mathcal{O}(0; \{2^2, 3^2, 5^2, 6^4\})$	88
30	$\mathcal{O}(0; \{2^3, 5^2, 6^5\})$	40
30	$\mathcal{O}(0; \{3, 5^2, 6^6\})$	168
30	$\mathcal{O}(0; \{2, 3^4, 5^4, 10\})$	1224
30	$\mathcal{O}(0; \{2^2, 3^2, 5^4, 6, 10\})$	408
30	$\mathcal{O}(0; \{2^3, 5^4, 6^2, 10\})$	408
30	$\mathcal{O}(0; \{3, 5^4, 6^3, 10\})$	1224
30	$\mathcal{O}(0; \{2^4, 3^4, 5, 10^2\})$	72
30	$\mathcal{O}(0; \{3^7, 5, 10^2\})$	504
30	$\mathcal{O}(0; \{2^5, 3^2, 5, 6, 10^2\})$	24
30	$\mathcal{O}(0; \{2, 3^5, 5, 6, 10^2\})$	264
30	$\mathcal{O}(0; \{2^6, 5, 6^2, 10^2\})$	24
30	$\mathcal{O}(0; \{2^2, 3^3, 5, 6^2, 10^2\})$	120
30	$\mathcal{O}(0; \{2^3, 3, 5, 6^3, 10^2\})$	72
30	$\mathcal{O}(0; \{3^2, 5, 6^4, 10^2\})$	264
30	$\mathcal{O}(0; \{2, 5, 6^5, 10^2\})$	120
30	$\mathcal{O}(0; \{3^2, 5^3, 6, 10^3\})$	1640
30	$\mathcal{O}(0; \{2, 5^3, 6^2, 10^3\})$	1640

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^2, 3^4, 10^4\})$	312
30	$\mathcal{O}(0; \{2^3, 3^2, 6, 10^4\})$	104
30	$\mathcal{O}(0; \{2^4, 6^2, 10^4\})$	104
30	$\mathcal{O}(0; \{3^3, 6^2, 10^4\})$	520
30	$\mathcal{O}(0; \{2, 3, 6^3, 10^4\})$	312
30	$\mathcal{O}(0; \{2^2, 3^2, 5^5, 15\})$	1640
30	$\mathcal{O}(0; \{2^3, 5^5, 6, 15\})$	1640
30	$\mathcal{O}(0; \{3, 5^5, 6^2, 15\})$	4920
30	$\mathcal{O}(0; \{2^5, 3^2, 5^2, 10, 15\})$	104
30	$\mathcal{O}(0; \{2, 3^5, 5^2, 10, 15\})$	1144
30	$\mathcal{O}(0; \{2^6, 5^2, 6, 10, 15\})$	104
30	$\mathcal{O}(0; \{2^2, 3^3, 5^2, 6, 10, 15\})$	520
30	$\mathcal{O}(0; \{2^3, 3, 5^2, 6^2, 10, 15\})$	312
30	$\mathcal{O}(0; \{3^2, 5^2, 6^3, 10, 15\})$	1144
30	$\mathcal{O}(0; \{2, 5^2, 6^4, 10, 15\})$	520
30	$\mathcal{O}(0; \{3^2, 5^4, 10^2, 15\})$	6552
30	$\mathcal{O}(0; \{2, 5^4, 6, 10^2, 15\})$	6552
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 10^3, 15\})$	408
30	$\mathcal{O}(0; \{2^4, 5, 6, 10^3, 15\})$	408
30	$\mathcal{O}(0; \{3^3, 5, 6, 10^3, 15\})$	2040
30	$\mathcal{O}(0; \{2, 3, 5, 6^2, 10^3, 15\})$	1224
30	$\mathcal{O}(0; \{2, 3^2, 10^5, 15\})$	1640
30	$\mathcal{O}(0; \{2^2, 6, 10^5, 15\})$	1640
30	$\mathcal{O}(0; \{2^6, 5^3, 15^2\})$	408
30	$\mathcal{O}(0; \{2^2, 3^3, 5^3, 15^2\})$	2040
30	$\mathcal{O}(0; \{2^3, 3, 5^3, 6, 15^2\})$	1224
30	$\mathcal{O}(0; \{3^2, 5^3, 6^2, 15^2\})$	4488
30	$\mathcal{O}(0; \{2, 5^3, 6^3, 15^2\})$	2040
30	$\mathcal{O}(0; \{2^9, 10, 15^2\})$	24
30	$\mathcal{O}(0; \{2^5, 3^3, 10, 15^2\})$	120
30	$\mathcal{O}(0; \{2, 3^6, 10, 15^2\})$	1032
30	$\mathcal{O}(0; \{2, 5^5, 10, 15^2\})$	26216
30	$\mathcal{O}(0; \{2^6, 3, 6, 10, 15^2\})$	72
30	$\mathcal{O}(0; \{2^2, 3^4, 6, 10, 15^2\})$	504
30	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 10, 15^2\})$	264
30	$\mathcal{O}(0; \{2^4, 6^3, 10, 15^2\})$	120
30	$\mathcal{O}(0; \{3^3, 6^3, 10, 15^2\})$	1032
30	$\mathcal{O}(0; \{2, 3, 6^4, 10, 15^2\})$	504
30	$\mathcal{O}(0; \{2^4, 5^2, 10^2, 15^2\})$	1640
30	$\mathcal{O}(0; \{3^3, 5^2, 10^2, 15^2\})$	8200
30	$\mathcal{O}(0; \{2, 3, 5^2, 6, 10^2, 15^2\})$	4920
30	$\mathcal{O}(0; \{2^2, 5, 10^4, 15^2\})$	6552
30	$\mathcal{O}(0; \{10^6, 15^2\})$	26216

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^6, 3, 5, 15^3\})$	312
30	$\mathcal{O}(0; \{2^2, 3^4, 5, 15^3\})$	2184
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 6, 15^3\})$	1144
30	$\mathcal{O}(0; \{2^4, 5, 6^2, 15^3\})$	520
30	$\mathcal{O}(0; \{3^3, 5, 6^2, 15^3\})$	4472
30	$\mathcal{O}(0; \{2, 3, 5, 6^3, 15^3\})$	2184
30	$\mathcal{O}(0; \{2, 3, 5^3, 10, 15^3\})$	19656
30	$\mathcal{O}(0; \{2^4, 3, 10^2, 15^3\})$	1224
30	$\mathcal{O}(0; \{3^4, 10^2, 15^3\})$	8568
30	$\mathcal{O}(0; \{2, 3^2, 6, 10^2, 15^3\})$	4488
30	$\mathcal{O}(0; \{2^2, 6^2, 10^2, 15^3\})$	2040
30	$\mathcal{O}(0; \{2, 3^2, 5, 10, 15^4\})$	18040
30	$\mathcal{O}(0; \{2^2, 5, 6, 10, 15^4\})$	8200
30	$\mathcal{O}(0; \{6, 10^3, 15^4\})$	32760
30	$\mathcal{O}(0; \{2^2, 5^2, 15^5\})$	32760
30	$\mathcal{O}(0; \{5, 10^2, 15^5\})$	131080
30	$\mathcal{O}(0; \{2^2, 3, 15^6\})$	34440
30	$\mathcal{O}(0; \{6^2, 15^6\})$	70520
30	$\mathcal{O}(0; \{2^7, 3^3, 5, 30\})$	24
30	$\mathcal{O}(0; \{2^3, 3^6, 5, 30\})$	168
30	$\mathcal{O}(0; \{2^8, 3, 5, 6, 30\})$	8
30	$\mathcal{O}(0; \{2^4, 3^4, 5, 6, 30\})$	88
30	$\mathcal{O}(0; \{3^7, 5, 6, 30\})$	680
30	$\mathcal{O}(0; \{3, 5^6, 6, 30\})$	6552
30	$\mathcal{O}(0; \{2^5, 3^2, 5, 6^2, 30\})$	40
30	$\mathcal{O}(0; \{2, 3^5, 5, 6^2, 30\})$	344
30	$\mathcal{O}(0; \{2^6, 5, 6^3, 30\})$	24
30	$\mathcal{O}(0; \{2^2, 3^3, 5, 6^3, 30\})$	168
30	$\mathcal{O}(0; \{2^3, 3, 5, 6^4, 30\})$	88
30	$\mathcal{O}(0; \{3^2, 5, 6^5, 30\})$	344
30	$\mathcal{O}(0; \{2, 5, 6^6, 30\})$	168
30	$\mathcal{O}(0; \{2^2, 3^3, 5^3, 10, 30\})$	1224
30	$\mathcal{O}(0; \{2^3, 3, 5^3, 6, 10, 30\})$	408
30	$\mathcal{O}(0; \{3^2, 5^3, 6^2, 10, 30\})$	2040
30	$\mathcal{O}(0; \{2, 5^3, 6^3, 10, 30\})$	1224
30	$\mathcal{O}(0; \{2^5, 3^3, 10^2, 30\})$	72
30	$\mathcal{O}(0; \{2, 3^6, 10^2, 30\})$	504
30	$\mathcal{O}(0; \{2^6, 3, 6, 10^2, 30\})$	24
30	$\mathcal{O}(0; \{2^2, 3^4, 6, 10^2, 30\})$	264
30	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 10^2, 30\})$	120
30	$\mathcal{O}(0; \{2^4, 6^3, 10^2, 30\})$	72
30	$\mathcal{O}(0; \{3^3, 6^3, 10^2, 30\})$	504
30	$\mathcal{O}(0; \{2, 3, 6^4, 10^2, 30\})$	264

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{3^3, 5^2, 10^3, 30\})$	4920
30	$\mathcal{O}(0; \{2, 3, 5^2, 6, 10^3, 30\})$	1640
30	$\mathcal{O}(0; \{2^3, 3, 5^4, 15, 30\})$	1640
30	$\mathcal{O}(0; \{3^2, 5^4, 6, 15, 30\})$	8200
30	$\mathcal{O}(0; \{2, 5^4, 6^2, 15, 30\})$	4920
30	$\mathcal{O}(0; \{2^6, 3, 5, 10, 15, 30\})$	104
30	$\mathcal{O}(0; \{2^2, 3^4, 5, 10, 15, 30\})$	1144
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 6, 10, 15, 30\})$	520
30	$\mathcal{O}(0; \{2^4, 5, 6^2, 10, 15, 30\})$	312
30	$\mathcal{O}(0; \{3^3, 5, 6^2, 10, 15, 30\})$	2184
30	$\mathcal{O}(0; \{2, 3, 5, 6^3, 10, 15, 30\})$	1144
30	$\mathcal{O}(0; \{2, 3, 5^3, 10^2, 15, 30\})$	6552
30	$\mathcal{O}(0; \{2^4, 3, 10^3, 15, 30\})$	408
30	$\mathcal{O}(0; \{3^4, 10^3, 15, 30\})$	4488
30	$\mathcal{O}(0; \{2, 3^2, 6, 10^3, 15, 30\})$	2040
30	$\mathcal{O}(0; \{2^2, 6^2, 10^3, 15, 30\})$	1224
30	$\mathcal{O}(0; \{2^3, 3^2, 5^2, 15^2, 30\})$	2040
30	$\mathcal{O}(0; \{2^4, 5^2, 6, 15^2, 30\})$	1224
30	$\mathcal{O}(0; \{3^3, 5^2, 6, 15^2, 30\})$	8568
30	$\mathcal{O}(0; \{2, 3, 5^2, 6^2, 15^2, 30\})$	4488
30	$\mathcal{O}(0; \{2, 3^2, 5, 10^2, 15^2, 30\})$	8200
30	$\mathcal{O}(0; \{2^2, 5, 6, 10^2, 15^2, 30\})$	4920
30	$\mathcal{O}(0; \{6, 10^4, 15^2, 30\})$	19656
30	$\mathcal{O}(0; \{2^7, 15^3, 30\})$	312
30	$\mathcal{O}(0; \{2^3, 3^3, 15^3, 30\})$	2184
30	$\mathcal{O}(0; \{2^4, 3, 6, 15^3, 30\})$	1144
30	$\mathcal{O}(0; \{3^4, 6, 15^3, 30\})$	8840
30	$\mathcal{O}(0; \{2, 3^2, 6^2, 15^3, 30\})$	4472
30	$\mathcal{O}(0; \{2^2, 6^3, 15^3, 30\})$	2184
30	$\mathcal{O}(0; \{2^2, 5^2, 10, 15^3, 30\})$	19656
30	$\mathcal{O}(0; \{5, 10^3, 15^3, 30\})$	78648
30	$\mathcal{O}(0; \{2^2, 3, 10, 15^4, 30\})$	18040
30	$\mathcal{O}(0; \{6^2, 10, 15^4, 30\})$	34440
30	$\mathcal{O}(0; \{5, 6, 15^5, 30\})$	137592
30	$\mathcal{O}(0; \{2^8, 3^2, 30^2\})$	24
30	$\mathcal{O}(0; \{2^4, 3^5, 30^2\})$	168
30	$\mathcal{O}(0; \{3^8, 30^2\})$	1368
30	$\mathcal{O}(0; \{3^2, 5^5, 30^2\})$	19656
30	$\mathcal{O}(0; \{2^9, 6, 30^2\})$	8
30	$\mathcal{O}(0; \{2^5, 3^3, 6, 30^2\})$	88
30	$\mathcal{O}(0; \{2, 3^6, 6, 30^2\})$	680
30	$\mathcal{O}(0; \{2, 5^5, 6, 30^2\})$	6552
30	$\mathcal{O}(0; \{2^6, 3, 6^2, 30^2\})$	40

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 30^2\})$	344
30	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 30^2\})$	168
30	$\mathcal{O}(0; \{2^4, 6^4, 30^2\})$	88
30	$\mathcal{O}(0; \{3^3, 6^4, 30^2\})$	680
30	$\mathcal{O}(0; \{2, 3, 6^5, 30^2\})$	344
30	$\mathcal{O}(0; \{2^3, 3^2, 5^2, 10, 30^2\})$	1224
30	$\mathcal{O}(0; \{2^4, 5^2, 6, 10, 30^2\})$	408
30	$\mathcal{O}(0; \{3^3, 5^2, 6, 10, 30^2\})$	4488
30	$\mathcal{O}(0; \{2, 3, 5^2, 6^2, 10, 30^2\})$	2040
30	$\mathcal{O}(0; \{2, 3^2, 5, 10^3, 30^2\})$	4920
30	$\mathcal{O}(0; \{2^2, 5, 6, 10^3, 30^2\})$	1640
30	$\mathcal{O}(0; \{6, 10^5, 30^2\})$	6552
30	$\mathcal{O}(0; \{2^4, 5^3, 15, 30^2\})$	1640
30	$\mathcal{O}(0; \{3^3, 5^3, 15, 30^2\})$	18040
30	$\mathcal{O}(0; \{2, 3, 5^3, 6, 15, 30^2\})$	8200
30	$\mathcal{O}(0; \{2^7, 10, 15, 30^2\})$	104
30	$\mathcal{O}(0; \{2^3, 3^3, 10, 15, 30^2\})$	1144
30	$\mathcal{O}(0; \{2^4, 3, 6, 10, 15, 30^2\})$	520
30	$\mathcal{O}(0; \{3^4, 6, 10, 15, 30^2\})$	4472
30	$\mathcal{O}(0; \{2, 3^2, 6^2, 10, 15, 30^2\})$	2184
30	$\mathcal{O}(0; \{2^2, 6^3, 10, 15, 30^2\})$	1144
30	$\mathcal{O}(0; \{2^2, 5^2, 10^2, 15, 30^2\})$	6552
30	$\mathcal{O}(0; \{5, 10^4, 15, 30^2\})$	26216
30	$\mathcal{O}(0; \{2^4, 3, 5, 15^2, 30^2\})$	2040
30	$\mathcal{O}(0; \{3^4, 5, 15^2, 30^2\})$	17544
30	$\mathcal{O}(0; \{2, 3^2, 5, 6, 15^2, 30^2\})$	8568
30	$\mathcal{O}(0; \{2^2, 5, 6^2, 15^2, 30^2\})$	4488
30	$\mathcal{O}(0; \{2^2, 3, 10^2, 15^2, 30^2\})$	8200
30	$\mathcal{O}(0; \{6^2, 10^2, 15^2, 30^2\})$	18040
30	$\mathcal{O}(0; \{5, 6, 10, 15^3, 30^2\})$	72072
30	$\mathcal{O}(0; \{5^2, 15^4, 30^2\})$	288376
30	$\mathcal{O}(0; \{3, 15^5, 30^2\})$	281736
30	$\mathcal{O}(0; \{2, 3, 5^4, 30^3\})$	19656
30	$\mathcal{O}(0; \{2^4, 3, 5, 10, 30^3\})$	1224
30	$\mathcal{O}(0; \{3^4, 5, 10, 30^3\})$	8568
30	$\mathcal{O}(0; \{2, 3^2, 5, 6, 10, 30^3\})$	4488
30	$\mathcal{O}(0; \{2^2, 5, 6^2, 10, 30^3\})$	2040
30	$\mathcal{O}(0; \{2^2, 3, 10^3, 30^3\})$	4920
30	$\mathcal{O}(0; \{6^2, 10^3, 30^3\})$	8200
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 15, 30^3\})$	18040
30	$\mathcal{O}(0; \{2^2, 5^2, 6, 15, 30^3\})$	8200
30	$\mathcal{O}(0; \{5, 6, 10^2, 15, 30^3\})$	32760
30	$\mathcal{O}(0; \{2^5, 15^2, 30^3\})$	2040

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2, 3^3, 15^2, 30^3\})$	17544
30	$\mathcal{O}(0; \{2^2, 3, 6, 15^2, 30^3\})$	8568
30	$\mathcal{O}(0; \{6^3, 15^2, 30^3\})$	17544
30	$\mathcal{O}(0; \{5^2, 10, 15^2, 30^3\})$	131080
30	$\mathcal{O}(0; \{3, 10, 15^3, 30^3\})$	137592
30	$\mathcal{O}(0; \{2^2, 5^3, 30^4\})$	19656
30	$\mathcal{O}(0; \{2^5, 10, 30^4\})$	1224
30	$\mathcal{O}(0; \{2, 3^3, 10, 30^4\})$	8568
30	$\mathcal{O}(0; \{2^2, 3, 6, 10, 30^4\})$	4488
30	$\mathcal{O}(0; \{6^3, 10, 30^4\})$	8568
30	$\mathcal{O}(0; \{5^2, 10^2, 30^4\})$	78648
30	$\mathcal{O}(0; \{2^2, 3, 5, 15, 30^4\})$	18040
30	$\mathcal{O}(0; \{5, 6^2, 15, 30^4\})$	34440
30	$\mathcal{O}(0; \{3, 10^2, 15, 30^4\})$	72072
30	$\mathcal{O}(0; \{5^2, 6, 30^5\})$	72072
30	$\mathcal{O}(0; \{2^3, 15, 30^5\})$	18040
30	$\mathcal{O}(0; \{3, 6, 15, 30^5\})$	70520
30	$\mathcal{O}(0; \{3, 5, 30^6\})$	137592
30	$\mathcal{O}(0; \{2, 30^7\})$	137592
32	$\mathcal{O}(2; \{2^2, 32^2\})$	16777216
32	$\mathcal{O}(1; \{2^6, 32^2\})$	16384
32	$\mathcal{O}(1; \{2^3, 4^2, 32^2\})$	65536
32	$\mathcal{O}(1; \{4^4, 32^2\})$	262144
32	$\mathcal{O}(1; \{2, 4, 8^2, 32^2\})$	524288
32	$\mathcal{O}(0; \{2^{10}, 32^2\})$	16
32	$\mathcal{O}(0; \{2^7, 4^2, 32^2\})$	64
32	$\mathcal{O}(0; \{2^4, 4^4, 32^2\})$	256
32	$\mathcal{O}(0; \{2, 4^6, 32^2\})$	1024
32	$\mathcal{O}(0; \{2^5, 4, 8^2, 32^2\})$	512
32	$\mathcal{O}(0; \{2^2, 4^3, 8^2, 32^2\})$	2048
32	$\mathcal{O}(0; \{2^3, 8^4, 32^2\})$	4096
32	$\mathcal{O}(0; \{4^2, 8^4, 32^2\})$	16384
32	$\mathcal{O}(0; \{2^3, 4, 8, 16^2, 32^2\})$	8192
32	$\mathcal{O}(0; \{4^3, 8, 16^2, 32^2\})$	32768
32	$\mathcal{O}(0; \{2, 8^3, 16^2, 32^2\})$	65536
32	$\mathcal{O}(0; \{2, 4, 16^4, 32^2\})$	131072
32	$\mathcal{O}(0; \{2, 4, 8, 16, 32^4\})$	262144
33	$\mathcal{O}(1; \{3^3, 11^2, 33\})$	588060
33	$\mathcal{O}(1; \{11, 33^4\})$	59394060
33	$\mathcal{O}(0; \{3^2, 11^6\})$	181820
33	$\mathcal{O}(0; \{3^6, 11^2, 33\})$	3780
33	$\mathcal{O}(0; \{3^3, 11, 33^4\})$	381780
33	$\mathcal{O}(0; \{33^7\})$	38181780

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
34	$\mathcal{O}(0; \{2^2, 17^6\})$	986896
34	$\mathcal{O}(0; \{17^5, 34^2\})$	15790320
35	$\mathcal{O}(1; \{7^3, 35^2\})$	5439000
35	$\mathcal{O}(1; \{5^2, 35^3\})$	7497000
35	$\mathcal{O}(0; \{5^6, 7^2\})$	4920
35	$\mathcal{O}(0; \{5, 7, 35^5\})$	5466120
36	$\mathcal{O}(1; \{4, 9^2, 12, 18\})$	93312
36	$\mathcal{O}(1; \{2^2, 4^2, 18^2\})$	15552
36	$\mathcal{O}(1; \{4, 6, 12, 18^2\})$	62208
36	$\mathcal{O}(1; \{3, 12^2, 18^2\})$	124416
36	$\mathcal{O}(1; \{4, 9^3, 36\})$	419904
36	$\mathcal{O}(1; \{4, 6, 9, 18, 36\})$	93312
36	$\mathcal{O}(1; \{3, 9, 12, 18, 36\})$	186624
36	$\mathcal{O}(1; \{3, 9^2, 36^2\})$	839808
36	$\mathcal{O}(1; \{2^3, 18, 36^2\})$	46656
36	$\mathcal{O}(1; \{4^2, 18, 36^2\})$	186624
36	$\mathcal{O}(1; \{3, 6, 18, 36^2\})$	186624
36	$\mathcal{O}(1; \{2, 36^4\})$	1679616
36	$\mathcal{O}(0; \{3^2, 4^2, 9^4\})$	1296
36	$\mathcal{O}(0; \{2, 4^2, 6, 9^4\})$	648
36	$\mathcal{O}(0; \{2, 3, 4, 9^4, 12\})$	1296
36	$\mathcal{O}(0; \{2^2, 9^4, 12^2\})$	1296
36	$\mathcal{O}(0; \{2^3, 3, 4^2, 9^2, 18\})$	72
36	$\mathcal{O}(0; \{3, 4^4, 9^2, 18\})$	288
36	$\mathcal{O}(0; \{3^2, 4^2, 6, 9^2, 18\})$	288
36	$\mathcal{O}(0; \{2, 4^2, 6^2, 9^2, 18\})$	144
36	$\mathcal{O}(0; \{2^4, 4, 9^2, 12, 18\})$	72
36	$\mathcal{O}(0; \{3^3, 4, 9^2, 12, 18\})$	576
36	$\mathcal{O}(0; \{2, 4^3, 9^2, 12, 18\})$	288
36	$\mathcal{O}(0; \{2, 3, 4, 6, 9^2, 12, 18\})$	288
36	$\mathcal{O}(0; \{2, 3^2, 9^2, 12^2, 18\})$	576
36	$\mathcal{O}(0; \{2^2, 6, 9^2, 12^2, 18\})$	288
36	$\mathcal{O}(0; \{9^2, 12^4, 18\})$	2304
36	$\mathcal{O}(0; \{2^6, 4^2, 18^2\})$	12
36	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 18^2\})$	96
36	$\mathcal{O}(0; \{2^3, 4^4, 18^2\})$	48
36	$\mathcal{O}(0; \{4^6, 18^2\})$	192
36	$\mathcal{O}(0; \{2^3, 3, 4^2, 6, 18^2\})$	48
36	$\mathcal{O}(0; \{3, 4^4, 6, 18^2\})$	192
36	$\mathcal{O}(0; \{3^2, 4^2, 6^2, 18^2\})$	192
36	$\mathcal{O}(0; \{2, 4^2, 6^3, 18^2\})$	96
36	$\mathcal{O}(0; \{2^3, 3^2, 4, 12, 18^2\})$	96
36	$\mathcal{O}(0; \{3^2, 4^3, 12, 18^2\})$	384

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2^4, 4, 6, 12, 18^2\})$	48
36	$\mathcal{O}(0; \{3^3, 4, 6, 12, 18^2\})$	384
36	$\mathcal{O}(0; \{2, 4^3, 6, 12, 18^2\})$	192
36	$\mathcal{O}(0; \{2, 3, 4, 6^2, 12, 18^2\})$	192
36	$\mathcal{O}(0; \{2^4, 3, 12^2, 18^2\})$	96
36	$\mathcal{O}(0; \{3^4, 12^2, 18^2\})$	768
36	$\mathcal{O}(0; \{2, 3, 4^2, 12^2, 18^2\})$	384
36	$\mathcal{O}(0; \{2, 3^2, 6, 12^2, 18^2\})$	384
36	$\mathcal{O}(0; \{2^2, 6^2, 12^2, 18^2\})$	192
36	$\mathcal{O}(0; \{9^3, 12^2, 18^2\})$	6480
36	$\mathcal{O}(0; \{2^2, 4, 12^3, 18^2\})$	384
36	$\mathcal{O}(0; \{6, 12^4, 18^2\})$	1536
36	$\mathcal{O}(0; \{2, 3, 4^2, 9, 18^3\})$	648
36	$\mathcal{O}(0; \{2^2, 4, 9, 12, 18^3\})$	648
36	$\mathcal{O}(0; \{6, 9, 12^2, 18^3\})$	2592
36	$\mathcal{O}(0; \{4, 12, 18^5\})$	3240
36	$\mathcal{O}(0; \{2^4, 4, 9^3, 36\})$	324
36	$\mathcal{O}(0; \{3^3, 4, 9^3, 36\})$	2592
36	$\mathcal{O}(0; \{2, 4^3, 9^3, 36\})$	1296
36	$\mathcal{O}(0; \{2, 3, 4, 6, 9^3, 36\})$	1296
36	$\mathcal{O}(0; \{2, 3^2, 9^3, 12, 36\})$	2592
36	$\mathcal{O}(0; \{2^2, 6, 9^3, 12, 36\})$	1296
36	$\mathcal{O}(0; \{9^3, 12^3, 36\})$	10368
36	$\mathcal{O}(0; \{2^3, 3^2, 4, 9, 18, 36\})$	144
36	$\mathcal{O}(0; \{3^2, 4^3, 9, 18, 36\})$	576
36	$\mathcal{O}(0; \{2^4, 4, 6, 9, 18, 36\})$	72
36	$\mathcal{O}(0; \{3^3, 4, 6, 9, 18, 36\})$	576
36	$\mathcal{O}(0; \{2, 4^3, 6, 9, 18, 36\})$	288
36	$\mathcal{O}(0; \{2, 3, 4, 6^2, 9, 18, 36\})$	288
36	$\mathcal{O}(0; \{2^4, 3, 9, 12, 18, 36\})$	144
36	$\mathcal{O}(0; \{3^4, 9, 12, 18, 36\})$	1152
36	$\mathcal{O}(0; \{2, 3, 4^2, 9, 12, 18, 36\})$	576
36	$\mathcal{O}(0; \{2, 3^2, 6, 9, 12, 18, 36\})$	576
36	$\mathcal{O}(0; \{2^2, 6^2, 9, 12, 18, 36\})$	288
36	$\mathcal{O}(0; \{9^4, 12, 18, 36\})$	21384
36	$\mathcal{O}(0; \{2^2, 4, 9, 12^2, 18, 36\})$	576
36	$\mathcal{O}(0; \{6, 9, 12^3, 18, 36\})$	2304
36	$\mathcal{O}(0; \{2^2, 4, 9^2, 18^2, 36\})$	1620
36	$\mathcal{O}(0; \{6, 9^2, 12, 18^2, 36\})$	6480
36	$\mathcal{O}(0; \{2, 3^2, 4, 18^3, 36\})$	1296
36	$\mathcal{O}(0; \{2^2, 4, 6, 18^3, 36\})$	648
36	$\mathcal{O}(0; \{2^2, 3, 12, 18^3, 36\})$	1296
36	$\mathcal{O}(0; \{6^2, 12, 18^3, 36\})$	2592

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{4, 12^2, 18^3, 36\})$	5184
36	$\mathcal{O}(0; \{4, 9, 18^4, 36\})$	10692
36	$\mathcal{O}(0; \{2^4, 3, 9^2, 36^2\})$	648
36	$\mathcal{O}(0; \{3^4, 9^2, 36^2\})$	5184
36	$\mathcal{O}(0; \{2, 3, 4^2, 9^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{2, 3^2, 6, 9^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{2^2, 6^2, 9^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{9^5, 36^2\})$	61236
36	$\mathcal{O}(0; \{2^2, 4, 9^2, 12, 36^2\})$	2592
36	$\mathcal{O}(0; \{6, 9^2, 12^2, 36^2\})$	10368
36	$\mathcal{O}(0; \{2^7, 18, 36^2\})$	36
36	$\mathcal{O}(0; \{2^3, 3^3, 18, 36^2\})$	288
36	$\mathcal{O}(0; \{2^4, 4^2, 18, 36^2\})$	144
36	$\mathcal{O}(0; \{3^3, 4^2, 18, 36^2\})$	1152
36	$\mathcal{O}(0; \{2, 4^4, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{2^4, 3, 6, 18, 36^2\})$	144
36	$\mathcal{O}(0; \{3^4, 6, 18, 36^2\})$	1152
36	$\mathcal{O}(0; \{2, 3, 4^2, 6, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{2, 3^2, 6^2, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{2^2, 6^3, 18, 36^2\})$	288
36	$\mathcal{O}(0; \{6, 9^3, 18, 36^2\})$	21384
36	$\mathcal{O}(0; \{2, 3^2, 4, 12, 18, 36^2\})$	1152
36	$\mathcal{O}(0; \{2^2, 4, 6, 12, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{2^2, 3, 12^2, 18, 36^2\})$	1152
36	$\mathcal{O}(0; \{6^2, 12^2, 18, 36^2\})$	2304
36	$\mathcal{O}(0; \{4, 12^3, 18, 36^2\})$	4608
36	$\mathcal{O}(0; \{2^2, 3, 9, 18^2, 36^2\})$	3240
36	$\mathcal{O}(0; \{6^2, 9, 18^2, 36^2\})$	6480
36	$\mathcal{O}(0; \{4, 9, 12, 18^2, 36^2\})$	12960
36	$\mathcal{O}(0; \{3, 18^4, 36^2\})$	21384
36	$\mathcal{O}(0; \{2, 3^2, 4, 9, 36^3\})$	5184
36	$\mathcal{O}(0; \{2^2, 4, 6, 9, 36^3\})$	2592
36	$\mathcal{O}(0; \{2^2, 3, 9, 12, 36^3\})$	5184
36	$\mathcal{O}(0; \{6^2, 9, 12, 36^3\})$	10368
36	$\mathcal{O}(0; \{4, 9, 12^2, 36^3\})$	20736
36	$\mathcal{O}(0; \{4, 9^2, 18, 36^3\})$	42768
36	$\mathcal{O}(0; \{4, 6, 18^2, 36^3\})$	12960
36	$\mathcal{O}(0; \{3, 12, 18^2, 36^3\})$	25920
36	$\mathcal{O}(0; \{2^5, 36^4\})$	1296
36	$\mathcal{O}(0; \{2, 3^3, 36^4\})$	10368
36	$\mathcal{O}(0; \{2^2, 4^2, 36^4\})$	5184
36	$\mathcal{O}(0; \{2^2, 3, 6, 36^4\})$	5184
36	$\mathcal{O}(0; \{6^3, 36^4\})$	10368

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{4, 6, 12, 36^4\})$	20736
36	$\mathcal{O}(0; \{3, 12^2, 36^4\})$	41472
36	$\mathcal{O}(0; \{3, 9, 18, 36^4\})$	85536
39	$\mathcal{O}(0; \{3^2, 13^3, 39^2\})$	114840
40	$\mathcal{O}(2; \{40^2\})$	40960000
40	$\mathcal{O}(1; \{2, 5, 8^2, 10\})$	25600
40	$\mathcal{O}(1; \{2, 5^2, 8, 40\})$	76800
40	$\mathcal{O}(1; \{2^4, 40^2\})$	25600
40	$\mathcal{O}(1; \{2, 4^2, 40^2\})$	102400
40	$\mathcal{O}(0; \{2^2, 5^4, 8^2\})$	208
40	$\mathcal{O}(0; \{2^5, 5, 8^2, 10\})$	16
40	$\mathcal{O}(0; \{2^2, 4^2, 5, 8^2, 10\})$	64
40	$\mathcal{O}(0; \{4, 5, 8^4, 10\})$	512
40	$\mathcal{O}(0; \{5^3, 8^2, 10^2\})$	816
40	$\mathcal{O}(0; \{2^3, 8^2, 10^3\})$	48
40	$\mathcal{O}(0; \{4^2, 8^2, 10^3\})$	192
40	$\mathcal{O}(0; \{4, 5^2, 8^2, 10, 20\})$	832
40	$\mathcal{O}(0; \{2^3, 5, 8^2, 20^2\})$	192
40	$\mathcal{O}(0; \{4^2, 5, 8^2, 20^2\})$	768
40	$\mathcal{O}(0; \{2, 8^2, 10^2, 20^2\})$	832
40	$\mathcal{O}(0; \{2^5, 5^2, 8, 40\})$	48
40	$\mathcal{O}(0; \{2^2, 4^2, 5^2, 8, 40\})$	192
40	$\mathcal{O}(0; \{4, 5^2, 8^3, 40\})$	1536
40	$\mathcal{O}(0; \{5^4, 8, 10, 40\})$	3280
40	$\mathcal{O}(0; \{2^3, 5, 8, 10^2, 40\})$	208
40	$\mathcal{O}(0; \{4^2, 5, 8, 10^2, 40\})$	832
40	$\mathcal{O}(0; \{2, 8, 10^4, 40\})$	816
40	$\mathcal{O}(0; \{4, 5^3, 8, 20, 40\})$	3264
40	$\mathcal{O}(0; \{2^3, 4, 8, 10, 20, 40\})$	192
40	$\mathcal{O}(0; \{4^3, 8, 10, 20, 40\})$	768
40	$\mathcal{O}(0; \{2, 8^3, 10, 20, 40\})$	1536
40	$\mathcal{O}(0; \{2, 5, 8, 10, 20^2, 40\})$	3264
40	$\mathcal{O}(0; \{2, 4, 8, 20^3, 40\})$	3328
40	$\mathcal{O}(0; \{2^8, 40^2\})$	16
40	$\mathcal{O}(0; \{2^5, 4^2, 40^2\})$	64
40	$\mathcal{O}(0; \{2^2, 4^4, 40^2\})$	256
40	$\mathcal{O}(0; \{5^5, 40^2\})$	13104
40	$\mathcal{O}(0; \{2^3, 4, 8^2, 40^2\})$	512
40	$\mathcal{O}(0; \{4^3, 8^2, 40^2\})$	2048
40	$\mathcal{O}(0; \{2, 8^4, 40^2\})$	4096
40	$\mathcal{O}(0; \{2^3, 5^2, 10, 40^2\})$	816
40	$\mathcal{O}(0; \{4^2, 5^2, 10, 40^2\})$	3264
40	$\mathcal{O}(0; \{2, 5, 10^3, 40^2\})$	3280

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{2^3, 4, 5, 20, 40^2\})$	832
40	$\mathcal{O}(0; \{4^3, 5, 20, 40^2\})$	3328
40	$\mathcal{O}(0; \{2, 5, 8^2, 20, 40^2\})$	6656
40	$\mathcal{O}(0; \{2, 4, 10^2, 20, 40^2\})$	3264
40	$\mathcal{O}(0; \{2, 5^2, 20^2, 40^2\})$	13120
40	$\mathcal{O}(0; \{2, 4, 8, 10, 40^3\})$	6656
40	$\mathcal{O}(0; \{2, 4, 5, 40^4\})$	26112
41	$\mathcal{O}(0; \{41^6\})$	99902440
42	$\mathcal{O}(1; \{2^2, 7, 21^2\})$	105840
42	$\mathcal{O}(1; \{14^2, 21^2\})$	656208
42	$\mathcal{O}(1; \{2, 3^2, 21, 42\})$	63504
42	$\mathcal{O}(1; \{2^2, 6, 21, 42\})$	21168
42	$\mathcal{O}(1; \{7, 21, 42^2\})$	656208
42	$\mathcal{O}(1; \{6, 42^3\})$	317520
42	$\mathcal{O}(0; \{2^2, 3^2, 7^4\})$	372
42	$\mathcal{O}(0; \{3, 6^2, 7^4\})$	372
42	$\mathcal{O}(0; \{3^2, 7^3, 14^2\})$	2220
42	$\mathcal{O}(0; \{2^3, 3, 7^2, 14, 21\})$	372
42	$\mathcal{O}(0; \{3^2, 6, 7^2, 14, 21\})$	1116
42	$\mathcal{O}(0; \{2, 6^2, 7^2, 14, 21\})$	372
42	$\mathcal{O}(0; \{2, 3, 7, 14^3, 21\})$	2220
42	$\mathcal{O}(0; \{2^6, 7, 21^2\})$	60
42	$\mathcal{O}(0; \{2^2, 3^3, 7, 21^2\})$	300
42	$\mathcal{O}(0; \{2^3, 3, 6, 7, 21^2\})$	180
42	$\mathcal{O}(0; \{3^2, 6^2, 7, 21^2\})$	660
42	$\mathcal{O}(0; \{2, 6^3, 7, 21^2\})$	300
42	$\mathcal{O}(0; \{2^4, 14^2, 21^2\})$	372
42	$\mathcal{O}(0; \{3^3, 14^2, 21^2\})$	1860
42	$\mathcal{O}(0; \{2, 3, 6, 14^2, 21^2\})$	1116
42	$\mathcal{O}(0; \{2^2, 21^5\})$	11100
42	$\mathcal{O}(0; \{2^2, 3^3, 7, 14, 42\})$	180
42	$\mathcal{O}(0; \{2^3, 3, 6, 7, 14, 42\})$	60
42	$\mathcal{O}(0; \{3^2, 6^2, 7, 14, 42\})$	300
42	$\mathcal{O}(0; \{2, 6^3, 7, 14, 42\})$	180
42	$\mathcal{O}(0; \{3^3, 14^3, 42\})$	1116
42	$\mathcal{O}(0; \{2, 3, 6, 14^3, 42\})$	372
42	$\mathcal{O}(0; \{2^5, 3^2, 21, 42\})$	36
42	$\mathcal{O}(0; \{2, 3^5, 21, 42\})$	252
42	$\mathcal{O}(0; \{2^6, 6, 21, 42\})$	12
42	$\mathcal{O}(0; \{2^2, 3^3, 6, 21, 42\})$	132
42	$\mathcal{O}(0; \{2^3, 3, 6^2, 21, 42\})$	60
42	$\mathcal{O}(0; \{3^2, 6^3, 21, 42\})$	252
42	$\mathcal{O}(0; \{2, 6^4, 21, 42\})$	132

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{2, 3, 7^2, 21^2, 42\})$	6660
42	$\mathcal{O}(0; \{2^2, 14, 21^3, 42\})$	6660
42	$\mathcal{O}(0; \{2, 3, 7^2, 14, 42^2\})$	2220
42	$\mathcal{O}(0; \{2^4, 7, 21, 42^2\})$	372
42	$\mathcal{O}(0; \{3^3, 7, 21, 42^2\})$	4092
42	$\mathcal{O}(0; \{2, 3, 6, 7, 21, 42^2\})$	1860
42	$\mathcal{O}(0; \{2^2, 14^2, 21, 42^2\})$	2220
42	$\mathcal{O}(0; \{21^4, 42^2\})$	146652
42	$\mathcal{O}(0; \{2^3, 3^2, 42^3\})$	300
42	$\mathcal{O}(0; \{2^4, 6, 42^3\})$	180
42	$\mathcal{O}(0; \{3^3, 6, 42^3\})$	1260
42	$\mathcal{O}(0; \{2, 3, 6^2, 42^3\})$	660
42	$\mathcal{O}(0; \{14, 21^2, 42^3\})$	66660
42	$\mathcal{O}(0; \{2^2, 7, 42^4\})$	6660
42	$\mathcal{O}(0; \{14^2, 42^4\})$	39996
44	$\mathcal{O}(1; \{4, 11, 22, 44\})$	348480
44	$\mathcal{O}(0; \{2^4, 4, 11, 22, 44\})$	180
44	$\mathcal{O}(0; \{2, 4^3, 11, 22, 44\})$	720
44	$\mathcal{O}(0; \{2^2, 4, 22^3, 44\})$	1820
44	$\mathcal{O}(0; \{11^4, 44^2\})$	181820
44	$\mathcal{O}(0; \{2^2, 4, 11, 44^3\})$	7280
44	$\mathcal{O}(0; \{4, 22^2, 44^3\})$	72720
45	$\mathcal{O}(1; \{5, 9^2, 15\})$	97200
45	$\mathcal{O}(1; \{3, 9, 45^2\})$	291600
45	$\mathcal{O}(0; \{3^2, 5^3, 9^2\})$	288
45	$\mathcal{O}(0; \{3^3, 5, 9^2, 15\})$	384
45	$\mathcal{O}(0; \{9^2, 15^4\})$	4992
45	$\mathcal{O}(0; \{9^3, 15^2, 45\})$	7776
45	$\mathcal{O}(0; \{3^4, 9, 45^2\})$	1152
45	$\mathcal{O}(0; \{9^4, 45^2\})$	21384
45	$\mathcal{O}(0; \{5, 9, 15^2, 45^2\})$	14688
45	$\mathcal{O}(0; \{5, 9^2, 45^3\})$	42120
45	$\mathcal{O}(0; \{5^2, 45^4\})$	132840
45	$\mathcal{O}(0; \{3, 15, 45^4\})$	132192
46	$\mathcal{O}(1; \{2^3, 23, 46\})$	46552
46	$\mathcal{O}(1; \{2, 46^3\})$	977592
46	$\mathcal{O}(0; \{2^7, 23, 46\})$	22
46	$\mathcal{O}(0; \{2^5, 46^3\})$	462
48	$\mathcal{O}(1; \{3^2, 48^2\})$	110592
48	$\mathcal{O}(1; \{2, 6, 48^2\})$	36864
48	$\mathcal{O}(0; \{3^4, 4, 16^2\})$	96
48	$\mathcal{O}(0; \{2, 3^2, 4, 6, 16^2\})$	32
48	$\mathcal{O}(0; \{2^2, 4, 6^2, 16^2\})$	32

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{6^2, 8^2, 16^2\})$	256
48	$\mathcal{O}(0; \{2, 3^3, 12, 16^2\})$	96
48	$\mathcal{O}(0; \{2^2, 3, 6, 12, 16^2\})$	32
48	$\mathcal{O}(0; \{6^3, 12, 16^2\})$	96
48	$\mathcal{O}(0; \{4, 6, 12^2, 16^2\})$	128
48	$\mathcal{O}(0; \{3, 12^3, 16^2\})$	384
48	$\mathcal{O}(0; \{4, 6, 8, 16^2, 24\})$	512
48	$\mathcal{O}(0; \{3, 8, 12, 16^2, 24\})$	512
48	$\mathcal{O}(0; \{2^3, 16^2, 24^2\})$	256
48	$\mathcal{O}(0; \{4^2, 16^2, 24^2\})$	1024
48	$\mathcal{O}(0; \{3, 6, 16^2, 24^2\})$	768
48	$\mathcal{O}(0; \{2, 3^3, 8, 16, 48\})$	192
48	$\mathcal{O}(0; \{2^2, 3, 6, 8, 16, 48\})$	64
48	$\mathcal{O}(0; \{6^3, 8, 16, 48\})$	192
48	$\mathcal{O}(0; \{4, 6, 8, 12, 16, 48\})$	256
48	$\mathcal{O}(0; \{3, 8, 12^2, 16, 48\})$	768
48	$\mathcal{O}(0; \{3, 6, 16^3, 48\})$	1024
48	$\mathcal{O}(0; \{2^2, 3, 4, 16, 24, 48\})$	128
48	$\mathcal{O}(0; \{4, 6^2, 16, 24, 48\})$	384
48	$\mathcal{O}(0; \{3, 8^2, 16, 24, 48\})$	1024
48	$\mathcal{O}(0; \{2^3, 12, 16, 24, 48\})$	128
48	$\mathcal{O}(0; \{4^2, 12, 16, 24, 48\})$	512
48	$\mathcal{O}(0; \{3, 6, 12, 16, 24, 48\})$	640
48	$\mathcal{O}(0; \{2, 16, 24^3, 48\})$	3072
48	$\mathcal{O}(0; \{2^4, 3^2, 48^2\})$	48
48	$\mathcal{O}(0; \{3^5, 48^2\})$	336
48	$\mathcal{O}(0; \{2, 3^2, 4^2, 48^2\})$	192
48	$\mathcal{O}(0; \{2^5, 6, 48^2\})$	16
48	$\mathcal{O}(0; \{2, 3^3, 6, 48^2\})$	176
48	$\mathcal{O}(0; \{2^2, 4^2, 6, 48^2\})$	64
48	$\mathcal{O}(0; \{2^2, 3, 6^2, 48^2\})$	80
48	$\mathcal{O}(0; \{6^4, 48^2\})$	176
48	$\mathcal{O}(0; \{4, 6, 8^2, 48^2\})$	512
48	$\mathcal{O}(0; \{2^2, 3, 4, 12, 48^2\})$	192
48	$\mathcal{O}(0; \{4, 6^2, 12, 48^2\})$	320
48	$\mathcal{O}(0; \{3, 8^2, 12, 48^2\})$	1536
48	$\mathcal{O}(0; \{2^3, 12^2, 48^2\})$	192
48	$\mathcal{O}(0; \{4^2, 12^2, 48^2\})$	768
48	$\mathcal{O}(0; \{3, 6, 12^2, 48^2\})$	704
48	$\mathcal{O}(0; \{2^3, 8, 24, 48^2\})$	256
48	$\mathcal{O}(0; \{4^2, 8, 24, 48^2\})$	1024
48	$\mathcal{O}(0; \{3, 6, 8, 24, 48^2\})$	1280
48	$\mathcal{O}(0; \{2, 16^2, 24, 48^2\})$	4096

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{3, 4, 24^2, 48^2\})$	2560
48	$\mathcal{O}(0; \{2, 12, 24^2, 48^2\})$	2560
48	$\mathcal{O}(0; \{3, 4, 16, 48^3\})$	6144
48	$\mathcal{O}(0; \{2, 12, 16, 48^3\})$	6144
48	$\mathcal{O}(0; \{2, 8, 48^4\})$	12288
50	$\mathcal{O}(0; \{2, 5, 25^3, 50\})$	26000
50	$\mathcal{O}(0; \{5^4, 50^2\})$	5120
50	$\mathcal{O}(0; \{2^3, 5, 10, 50^2\})$	320
50	$\mathcal{O}(0; \{2, 10^3, 50^2\})$	1280
51	$\mathcal{O}(0; \{3^2, 17^4\})$	7712
52	$\mathcal{O}(0; \{2, 4, 13^2, 26, 52\})$	3192
54	$\mathcal{O}(1; \{2^2, 27^2\})$	52488
54	$\mathcal{O}(1; \{27, 54^2\})$	472392
54	$\mathcal{O}(0; \{2^6, 27^2\})$	18
54	$\mathcal{O}(0; \{2^2, 3^3, 27^2\})$	144
54	$\mathcal{O}(0; \{2^3, 3, 6, 27^2\})$	72
54	$\mathcal{O}(0; \{3^2, 6^2, 27^2\})$	288
54	$\mathcal{O}(0; \{2, 6^3, 27^2\})$	144
54	$\mathcal{O}(0; \{2, 3, 9, 18, 27^2\})$	1296
54	$\mathcal{O}(0; \{2^4, 27, 54^2\})$	162
54	$\mathcal{O}(0; \{3^3, 27, 54^2\})$	1296
54	$\mathcal{O}(0; \{2, 3, 6, 27, 54^2\})$	648
54	$\mathcal{O}(0; \{2^2, 54^4\})$	4374
55	$\mathcal{O}(1; \{11, 55^2\})$	1089000
56	$\mathcal{O}(1; \{8, 28, 56\})$	150528
56	$\mathcal{O}(1; \{7, 56^2\})$	376320
56	$\mathcal{O}(0; \{2, 7^3, 8^2\})$	120
56	$\mathcal{O}(0; \{2, 4, 7, 8^2, 28\})$	96
56	$\mathcal{O}(0; \{2, 4, 7^2, 8, 56\})$	240
56	$\mathcal{O}(0; \{2^4, 8, 28, 56\})$	48
56	$\mathcal{O}(0; \{2, 4^2, 8, 28, 56\})$	192
56	$\mathcal{O}(0; \{2^4, 7, 56^2\})$	120
56	$\mathcal{O}(0; \{2, 4^2, 7, 56^2\})$	480
56	$\mathcal{O}(0; \{2^2, 14^2, 56^2\})$	744
56	$\mathcal{O}(0; \{14, 28^2, 56^2\})$	17760
56	$\mathcal{O}(0; \{2^2, 8, 56^3\})$	1920
60	$\mathcal{O}(1; \{3, 60^2\})$	57600
60	$\mathcal{O}(0; \{3^2, 4^2, 10^2\})$	16
60	$\mathcal{O}(0; \{2, 3, 4, 10^2, 12\})$	16
60	$\mathcal{O}(0; \{2^2, 10^2, 12^2\})$	16
60	$\mathcal{O}(0; \{12^2, 15^3\})$	240
60	$\mathcal{O}(0; \{3^2, 4, 5^2, 20\})$	48
60	$\mathcal{O}(0; \{2, 3, 5^2, 12, 20\})$	48

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{3^3, 4, 15, 20\})$	48
60	$\mathcal{O}(0; \{2, 3, 4, 6, 15, 20\})$	16
60	$\mathcal{O}(0; \{2, 3^2, 12, 15, 20\})$	48
60	$\mathcal{O}(0; \{2^2, 6, 12, 15, 20\})$	16
60	$\mathcal{O}(0; \{12^3, 15, 20\})$	192
60	$\mathcal{O}(0; \{10, 12, 15^2, 20\})$	208
60	$\mathcal{O}(0; \{2, 3^2, 10, 20^2\})$	48
60	$\mathcal{O}(0; \{10, 12^2, 20^2\})$	192
60	$\mathcal{O}(0; \{10, 12^2, 15, 30\})$	144
60	$\mathcal{O}(0; \{2, 3, 4, 5, 20, 30\})$	48
60	$\mathcal{O}(0; \{2^2, 5, 12, 20, 30\})$	48
60	$\mathcal{O}(0; \{10^2, 12, 20, 30\})$	208
60	$\mathcal{O}(0; \{6, 15, 20^2, 30\})$	208
60	$\mathcal{O}(0; \{2^2, 4, 20, 30^2\})$	48
60	$\mathcal{O}(0; \{6, 12, 20, 30^2\})$	144
60	$\mathcal{O}(0; \{5, 20^2, 30^2\})$	816
60	$\mathcal{O}(0; \{3^3, 4, 10, 60\})$	48
60	$\mathcal{O}(0; \{2, 3, 4, 6, 10, 60\})$	16
60	$\mathcal{O}(0; \{2, 3^2, 10, 12, 60\})$	48
60	$\mathcal{O}(0; \{2^2, 6, 10, 12, 60\})$	16
60	$\mathcal{O}(0; \{10, 12^3, 60\})$	192
60	$\mathcal{O}(0; \{2, 3, 4, 5, 15, 60\})$	48
60	$\mathcal{O}(0; \{2^2, 5, 12, 15, 60\})$	48
60	$\mathcal{O}(0; \{10^2, 12, 15, 60\})$	208
60	$\mathcal{O}(0; \{6, 15^2, 20, 60\})$	624
60	$\mathcal{O}(0; \{6, 12, 20^2, 60\})$	192
60	$\mathcal{O}(0; \{2^2, 4, 15, 30, 60\})$	48
60	$\mathcal{O}(0; \{6, 12, 15, 30, 60\})$	240
60	$\mathcal{O}(0; \{6, 10, 20, 30, 60\})$	208
60	$\mathcal{O}(0; \{5, 15, 20, 30, 60\})$	816
60	$\mathcal{O}(0; \{5, 12, 30^2, 60\})$	624
60	$\mathcal{O}(0; \{4, 30^3, 60\})$	624
60	$\mathcal{O}(0; \{2^4, 3, 60^2\})$	16
60	$\mathcal{O}(0; \{3^4, 60^2\})$	176
60	$\mathcal{O}(0; \{2, 3, 4^2, 60^2\})$	64
60	$\mathcal{O}(0; \{2, 3^2, 6, 60^2\})$	80
60	$\mathcal{O}(0; \{2^2, 6^2, 60^2\})$	48
60	$\mathcal{O}(0; \{2^2, 4, 12, 60^2\})$	64
60	$\mathcal{O}(0; \{6, 12^2, 60^2\})$	320
60	$\mathcal{O}(0; \{6, 10, 15, 60^2\})$	624
60	$\mathcal{O}(0; \{5, 15^2, 60^2\})$	2448
60	$\mathcal{O}(0; \{5, 12, 20, 60^2\})$	832
60	$\mathcal{O}(0; \{5, 10, 30, 60^2\})$	816

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{4, 20, 30, 60^2\})$	832
60	$\mathcal{O}(0; \{4, 15, 60^3\})$	2496
63	$\mathcal{O}(0; \{7, 9^3, 63\})$	972
63	$\mathcal{O}(0; \{3, 9, 63^3\})$	9720
64	$\mathcal{O}(1; \{2, 64^2\})$	131072
64	$\mathcal{O}(0; \{2^5, 64^2\})$	32
64	$\mathcal{O}(0; \{2^2, 4^2, 64^2\})$	128
64	$\mathcal{O}(0; \{4, 8^2, 64^2\})$	1024
65	$\mathcal{O}(0; \{5^2, 13^2, 65\})$	1584
66	$\mathcal{O}(0; \{6^2, 11^3\})$	180
66	$\mathcal{O}(0; \{2^3, 22, 33^2\})$	180
66	$\mathcal{O}(0; \{3, 6, 22, 33^2\})$	540
66	$\mathcal{O}(0; \{2, 3^3, 11, 66\})$	60
66	$\mathcal{O}(0; \{2^2, 3, 6, 11, 66\})$	20
66	$\mathcal{O}(0; \{6^3, 11, 66\})$	60
66	$\mathcal{O}(0; \{3, 6, 22^2, 66\})$	180
66	$\mathcal{O}(0; \{2, 33^3, 66\})$	5460
66	$\mathcal{O}(0; \{2, 22, 33, 66^2\})$	1820
68	$\mathcal{O}(0; \{4^2, 17^3\})$	480
69	$\mathcal{O}(0; \{3^2, 69^3\})$	4620
70	$\mathcal{O}(0; \{5^3, 14^2\})$	72
70	$\mathcal{O}(0; \{2^3, 5, 35, 70\})$	72
70	$\mathcal{O}(0; \{2, 10^2, 35, 70\})$	312
70	$\mathcal{O}(0; \{2, 7, 14, 70^2\})$	744
70	$\mathcal{O}(0; \{2, 5, 70^3\})$	1560
72	$\mathcal{O}(0; \{3, 8^2, 9^2\})$	48
72	$\mathcal{O}(0; \{2, 9^2, 24^2\})$	96
72	$\mathcal{O}(0; \{2, 8, 9, 24, 36\})$	96
72	$\mathcal{O}(0; \{2, 8^2, 36^2\})$	96
72	$\mathcal{O}(0; \{2, 8, 9, 18, 72\})$	72
72	$\mathcal{O}(0; \{3^2, 9, 72^2\})$	288
72	$\mathcal{O}(0; \{2, 6, 9, 72^2\})$	144
72	$\mathcal{O}(0; \{2, 4, 36, 72^2\})$	288
75	$\mathcal{O}(0; \{3^2, 5, 75^2\})$	480
78	$\mathcal{O}(0; \{2, 3, 13, 26, 39\})$	264
79	$\mathcal{O}(2; \emptyset)$	38950080
80	$\mathcal{O}(1; \{80^2\})$	204800
80	$\mathcal{O}(0; \{2, 5^2, 16^2\})$	32
80	$\mathcal{O}(0; \{2, 4, 5, 16, 80\})$	64
80	$\mathcal{O}(0; \{2^4, 80^2\})$	32
80	$\mathcal{O}(0; \{2, 4^2, 80^2\})$	128
81	$\mathcal{O}(0; \{81^4\})$	118098
82	$\mathcal{O}(0; \{2^2, 41^3\})$	1560

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
82	$\mathcal{O}(0; \{41^2, 82^2\})$	62440
84	$\mathcal{O}(0; \{28^2, 42^2\})$	744
84	$\mathcal{O}(0; \{2, 3, 4, 42, 84\})$	24
84	$\mathcal{O}(0; \{2^2, 12, 42, 84\})$	24
84	$\mathcal{O}(0; \{21, 28, 42, 84\})$	744
84	$\mathcal{O}(0; \{21^2, 84^2\})$	2232
84	$\mathcal{O}(0; \{14, 42, 84^2\})$	744
84	$\mathcal{O}(0; \{12, 84^3\})$	1440
85	$\mathcal{O}(0; \{17^2, 85^2\})$	15424
88	$\mathcal{O}(0; \{8, 22, 44, 88\})$	720
88	$\mathcal{O}(0; \{11^2, 88^2\})$	3640
90	$\mathcal{O}(0; \{15^2, 18^2\})$	96
90	$\mathcal{O}(0; \{10, 18^2, 30\})$	48
90	$\mathcal{O}(0; \{10, 15, 18, 45\})$	144
90	$\mathcal{O}(0; \{2^2, 5, 45^2\})$	72
90	$\mathcal{O}(0; \{10^2, 45^2\})$	312
90	$\mathcal{O}(0; \{6, 30, 45^2\})$	288
90	$\mathcal{O}(0; \{9, 15, 18, 90\})$	144
90	$\mathcal{O}(0; \{9, 10, 45, 90\})$	216
90	$\mathcal{O}(0; \{9^2, 90^2\})$	648
90	$\mathcal{O}(0; \{6, 18, 90^2\})$	144
90	$\mathcal{O}(0; \{5, 45, 90^2\})$	936
92	$\mathcal{O}(0; \{2^2, 4, 46, 92\})$	44
92	$\mathcal{O}(0; \{4, 92^3\})$	3696
96	$\mathcal{O}(0; \{2^2, 3, 96^2\})$	32
96	$\mathcal{O}(0; \{6^2, 96^2\})$	96
96	$\mathcal{O}(0; \{4, 12, 96^2\})$	128
99	$\mathcal{O}(0; \{9^2, 11^2\})$	60
100	$\mathcal{O}(0; \{5^2, 100^2\})$	640
102	$\mathcal{O}(0; \{6^2, 17^2\})$	32
105	$\mathcal{O}(0; \{5^2, 21^2\})$	48
105	$\mathcal{O}(0; \{3, 7, 105^2\})$	240
108	$\mathcal{O}(0; \{4^2, 54^2\})$	36
108	$\mathcal{O}(0; \{2, 54, 108^2\})$	324
110	$\mathcal{O}(0; \{2, 22, 110^2\})$	360
112	$\mathcal{O}(0; \{2, 16, 56, 112\})$	192
112	$\mathcal{O}(0; \{2, 14, 112^2\})$	240
120	$\mathcal{O}(0; \{3^2, 120^2\})$	96
120	$\mathcal{O}(0; \{2, 6, 120^2\})$	32
123	$\mathcal{O}(0; \{3^2, 41^2\})$	80
128	$\mathcal{O}(0; \{2, 4, 128^2\})$	128
130	$\mathcal{O}(0; \{2, 5, 13, 130\})$	48
138	$\mathcal{O}(0; \{2, 3, 69, 138\})$	44

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
158	$\mathcal{O}(1; \{2^2\})$	24960
160	$\mathcal{O}(0; \{2^2, 160^2\})$	64
161	$\mathcal{O}(0; \{161^3\})$	13860
162	$\mathcal{O}(0; \{2^2, 81^2\})$	54
162	$\mathcal{O}(0; \{81, 162^2\})$	1458
164	$\mathcal{O}(0; \{41, 164^2\})$	3120
165	$\mathcal{O}(0; \{33, 165^2\})$	720
168	$\mathcal{O}(0; \{24, 84, 168\})$	96
168	$\mathcal{O}(0; \{21, 168^2\})$	240
170	$\mathcal{O}(0; \{17, 170^2\})$	960
176	$\mathcal{O}(0; \{11, 176^2\})$	720
180	$\mathcal{O}(0; \{9, 180^2\})$	144
184	$\mathcal{O}(0; \{8, 92, 184\})$	176
187	$\mathcal{O}(0; \{11, 17, 187\})$	160
192	$\mathcal{O}(0; \{6, 192^2\})$	64
200	$\mathcal{O}(0; \{5, 200^2\})$	320
205	$\mathcal{O}(0; \{5, 41, 205\})$	160
240	$\mathcal{O}(0; \{3, 240^2\})$	64
320	$\mathcal{O}(0; \{2, 320^2\})$	128
322	$\mathcal{O}(0; \{2, 161, 322\})$	132