

Table 1: 61-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(61; \emptyset)$	1
2	$\mathcal{O}(31; \emptyset)$	4611686018427387903
2	$\mathcal{O}(30; \{2^4\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^8\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{12}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{16}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{20}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{24}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{28}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{32}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{36}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{40}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{44}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{48}\})$	274877906944
2	$\mathcal{O}(18; \{2^{52}\})$	68719476736
2	$\mathcal{O}(17; \{2^{56}\})$	17179869184
2	$\mathcal{O}(16; \{2^{60}\})$	4294967296
2	$\mathcal{O}(15; \{2^{64}\})$	1073741824
2	$\mathcal{O}(14; \{2^{68}\})$	268435456
2	$\mathcal{O}(13; \{2^{72}\})$	67108864
2	$\mathcal{O}(12; \{2^{76}\})$	16777216
2	$\mathcal{O}(11; \{2^{80}\})$	4194304
2	$\mathcal{O}(10; \{2^{84}\})$	1048576
2	$\mathcal{O}(9; \{2^{88}\})$	262144
2	$\mathcal{O}(8; \{2^{92}\})$	65536
2	$\mathcal{O}(7; \{2^{96}\})$	16384
2	$\mathcal{O}(6; \{2^{100}\})$	4096
2	$\mathcal{O}(5; \{2^{104}\})$	1024
2	$\mathcal{O}(4; \{2^{108}\})$	256
2	$\mathcal{O}(3; \{2^{112}\})$	64
2	$\mathcal{O}(2; \{2^{116}\})$	16
2	$\mathcal{O}(1; \{2^{120}\})$	4
2	$\mathcal{O}(0; \{2^{124}\})$	1
3	$\mathcal{O}(21; \emptyset)$	109418989131512359208
3	$\mathcal{O}(20; \{3^3\})$	24315330918113857602
3	$\mathcal{O}(19; \{3^6\})$	29718737788805825958
3	$\mathcal{O}(18; \{3^9\})$	25516088000489850570
3	$\mathcal{O}(17; \{3^{12}\})$	22781030201744533254
3	$\mathcal{O}(16; \{3^{15}\})$	20238686502639807402
3	$\mathcal{O}(15; \{3^{18}\})$	17991178904694618918
3	$\mathcal{O}(14; \{3^{21}\})$	15992021765640487050
3	$\mathcal{O}(13; \{3^{24}\})$	14215145709542069574

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(12; \{3^{27}\})$	12635683380571287402
3	$\mathcal{O}(11; \{3^{30}\})$	11231718748794168678
3	$\mathcal{O}(10; \{3^{33}\})$	9983749978007443530
3	$\mathcal{O}(9; \{3^{36}\})$	8874444427220028294
3	$\mathcal{O}(8; \{3^{39}\})$	7888395046159522602
3	$\mathcal{O}(7; \{3^{42}\})$	7011906707726051238
3	$\mathcal{O}(6; \{3^{45}\})$	6232805962419968010
3	$\mathcal{O}(5; \{3^{48}\})$	5540271966595881414
3	$\mathcal{O}(4; \{3^{51}\})$	4924686192529633002
3	$\mathcal{O}(3; \{3^{54}\})$	4377498837804122598
3	$\mathcal{O}(2; \{3^{57}\})$	3891110078048108490
3	$\mathcal{O}(1; \{3^{60}\})$	3458764513820540934
3	$\mathcal{O}(0; \{3^{63}\})$	3074457345618258602
4	$\mathcal{O}(16; \emptyset)$	18446744069414584320
4	$\mathcal{O}(15; \{2^4\})$	1152921503533105152
4	$\mathcal{O}(15; \{2, 4^2\})$	2305843009213693952
4	$\mathcal{O}(14; \{2^8\})$	72057593769492480
4	$\mathcal{O}(14; \{2^5, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^2, 4^4\})$	576460752303423488
4	$\mathcal{O}(13; \{2^{12}\})$	4503599560261632
4	$\mathcal{O}(13; \{2^9, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^6, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^3, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{4^8\})$	576460752303423488
4	$\mathcal{O}(12; \{2^{16}\})$	281474959933440
4	$\mathcal{O}(12; \{2^{13}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{10}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^7, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^4, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(11; \{2^{20}\})$	17592181850112
4	$\mathcal{O}(11; \{2^{17}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{14}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{11}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^8, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^5, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^2, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(10; \{2^{24}\})$	1099510579200
4	$\mathcal{O}(10; \{2^{21}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{18}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{15}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{12}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^9, 4^{10}\})$	562949953421312

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(10; \{2^6, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^3, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{4^{16}\})$	36028797018963968
4	$\mathcal{O}(9; \{2^{28}\})$	68719214592
4	$\mathcal{O}(9; \{2^{25}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{22}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{19}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{16}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{13}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{10}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^7, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^4, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(8; \{2^{32}\})$	4294901760
4	$\mathcal{O}(8; \{2^{29}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{26}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{23}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{20}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{17}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{14}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{11}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^8, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^5, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^2, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(7; \{2^{36}\})$	268419072
4	$\mathcal{O}(7; \{2^{33}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{30}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{27}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{24}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{21}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{18}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{15}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{12}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^9, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^6, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^3, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{4^{24}\})$	2251799813685248
4	$\mathcal{O}(6; \{2^{40}\})$	16773120
4	$\mathcal{O}(6; \{2^{37}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{34}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{31}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{28}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{25}, 4^{10}\})$	8589934592

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(6; \{2^{22}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{19}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{16}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{13}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{10}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^7, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^4, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2, 4^{26}\})$	562949953421312
4	$\mathcal{O}(5; \{2^{44}\})$	1047552
4	$\mathcal{O}(5; \{2^{41}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{38}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{35}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{32}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{29}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{26}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{23}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{20}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{17}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{14}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{11}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^8, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^5, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^2, 4^{28}\})$	140737488355328
4	$\mathcal{O}(4; \{2^{48}\})$	65280
4	$\mathcal{O}(4; \{2^{45}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{42}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{39}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{36}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{33}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{30}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{27}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{24}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{21}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{18}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{15}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{12}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^9, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^6, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^3, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{4^{32}\})$	140737488355328
4	$\mathcal{O}(3; \{2^{52}\})$	4032
4	$\mathcal{O}(3; \{2^{49}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{46}, 4^4\})$	32768

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{2^{43}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{40}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{37}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{34}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{31}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{28}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{25}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{22}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{19}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{16}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{13}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{10}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^7, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^4, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2, 4^{34}\})$	35184372088832
4	$\mathcal{O}(2; \{2^{56}\})$	240
4	$\mathcal{O}(2; \{2^{53}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{50}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{47}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{44}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{41}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{38}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{35}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{32}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{29}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{26}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{23}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{20}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{17}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{14}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{11}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^8, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^5, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^2, 4^{36}\})$	8796093022208
4	$\mathcal{O}(1; \{2^{60}\})$	12
4	$\mathcal{O}(1; \{2^{57}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{54}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{51}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{48}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{45}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{42}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{39}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{36}, 4^{16}\})$	524288

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{2^{33}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{30}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{27}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{24}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{21}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{18}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{15}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{12}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^9, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^6, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^3, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{4^{40}\})$	8796093022208
4	$\mathcal{O}(0; \{2^{61}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{58}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{55}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{52}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{49}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{46}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{43}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{40}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{37}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{34}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{31}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{28}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{25}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{22}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{19}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{16}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{13}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{10}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^7, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^4, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2, 4^{42}\})$	2199023255552
5	$\mathcal{O}(13; \emptyset)$	1490116119384765624
5	$\mathcal{O}(11; \{5^5\})$	486373901367187500
5	$\mathcal{O}(9; \{5^{10}\})$	800003051757812500
5	$\mathcal{O}(7; \{5^{15}\})$	1310719995117187500
5	$\mathcal{O}(5; \{5^{20}\})$	2147483648007812500
5	$\mathcal{O}(3; \{5^{25}\})$	3518437208883187500
5	$\mathcal{O}(1; \{5^{30}\})$	5764607523034234900
6	$\mathcal{O}(11; \emptyset)$	131621672457013224
6	$\mathcal{O}(10; \{2^4\})$	3656158439014400
6	$\mathcal{O}(10; \{3^3\})$	7312309906557150

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{2, 3, 6\})$	7312316880125952
6	$\mathcal{O}(9; \{2^8\})$	101559956406272
6	$\mathcal{O}(9; \{2^4, 3^3\})$	203119913336832
6	$\mathcal{O}(9; \{3^6\})$	2234310523454394
6	$\mathcal{O}(9; \{2^5, 3, 6\})$	203119913336832
6	$\mathcal{O}(9; \{2, 3^4, 6\})$	1015599566684160
6	$\mathcal{O}(9; \{2^2, 3^2, 6^2\})$	609359740010496
6	$\mathcal{O}(9; \{2^3, 6^3\})$	203119913336832
6	$\mathcal{O}(9; \{3, 6^4\})$	1015599566684160
6	$\mathcal{O}(8; \{2^{12}\})$	2821109841920
6	$\mathcal{O}(8; \{2^8, 3^3\})$	5642219814912
6	$\mathcal{O}(8; \{2^4, 3^6\})$	62064417964032
6	$\mathcal{O}(8; \{3^9\})$	479581366324950
6	$\mathcal{O}(8; \{2^9, 3, 6\})$	5642219814912
6	$\mathcal{O}(8; \{2^5, 3^4, 6\})$	28211099074560
6	$\mathcal{O}(8; \{2, 3^7, 6\})$	242615452041216
6	$\mathcal{O}(8; \{2^6, 3^2, 6^2\})$	16926659444736
6	$\mathcal{O}(8; \{2^2, 3^5, 6^2\})$	118486616113152
6	$\mathcal{O}(8; \{2^7, 6^3\})$	5642219814912
6	$\mathcal{O}(8; \{2^3, 3^3, 6^3\})$	62064417964032
6	$\mathcal{O}(8; \{2^4, 3, 6^4\})$	28211099074560
6	$\mathcal{O}(8; \{3^4, 6^4\})$	242615452041216
6	$\mathcal{O}(8; \{2, 3^2, 6^5\})$	118486616113152
6	$\mathcal{O}(8; \{2^2, 6^6\})$	62064417964032
6	$\mathcal{O}(7; \{2^{16}\})$	78364147712
6	$\mathcal{O}(7; \{2^{12}, 3^3\})$	156728328192
6	$\mathcal{O}(7; \{2^8, 3^6\})$	1724011610112
6	$\mathcal{O}(7; \{2^4, 3^9\})$	13321907896320
6	$\mathcal{O}(7; \{3^{12}\})$	107038914619482
6	$\mathcal{O}(7; \{2^{13}, 3, 6\})$	156728328192
6	$\mathcal{O}(7; \{2^9, 3^4, 6\})$	783641640960
6	$\mathcal{O}(7; \{2^5, 3^7, 6\})$	6739318112256
6	$\mathcal{O}(7; \{2, 3^{10}, 6\})$	53444359913472
6	$\mathcal{O}(7; \{2^{10}, 3^2, 6^2\})$	470184984576
6	$\mathcal{O}(7; \{2^6, 3^5, 6^2\})$	3291294892032
6	$\mathcal{O}(7; \{2^2, 3^8, 6^2\})$	26800544120832
6	$\mathcal{O}(7; \{2^{11}, 6^3\})$	156728328192
6	$\mathcal{O}(7; \{2^7, 3^3, 6^3\})$	1724011610112
6	$\mathcal{O}(7; \{2^3, 3^6, 6^3\})$	13321907896320
6	$\mathcal{O}(7; \{2^8, 3, 6^4\})$	783641640960
6	$\mathcal{O}(7; \{2^4, 3^4, 6^4\})$	6739318112256
6	$\mathcal{O}(7; \{3^7, 6^4\})$	53444359913472
6	$\mathcal{O}(7; \{2^5, 3^2, 6^5\})$	3291294892032

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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	$\mathcal{O}(7; \{2, 3^5, 6^5\})$	26800544120832
6	$\mathcal{O}(7; \{2^6, 6^6\})$	1724011610112
6	$\mathcal{O}(7; \{2^2, 3^3, 6^6\})$	13321907896320
6	$\mathcal{O}(7; \{2^3, 3, 6^7\})$	6739318112256
6	$\mathcal{O}(7; \{3^2, 6^8\})$	26800544120832
6	$\mathcal{O}(7; \{2, 6^9\})$	13321907896320
6	$\mathcal{O}(6; \{2^{20}\})$	2176778240
6	$\mathcal{O}(6; \{2^{16}, 3^3\})$	4353564672
6	$\mathcal{O}(6; \{2^{12}, 3^6\})$	47889211392
6	$\mathcal{O}(6; \{2^8, 3^9\})$	370052997120
6	$\mathcal{O}(6; \{2^4, 3^{12}\})$	2973484670976
6	$\mathcal{O}(6; \{3^{15}\})$	23769012275190
6	$\mathcal{O}(6; \{2^{17}, 3, 6\})$	4353564672
6	$\mathcal{O}(6; \{2^{13}, 3^4, 6\})$	21767823360
6	$\mathcal{O}(6; \{2^9, 3^7, 6\})$	187203280896
6	$\mathcal{O}(6; \{2^5, 3^{10}, 6\})$	1484565553152
6	$\mathcal{O}(6; \{2, 3^{13}, 6\})$	11889585119232
6	$\mathcal{O}(6; \{2^{14}, 3^2, 6^2\})$	13060694016
6	$\mathcal{O}(6; \{2^{10}, 3^5, 6^2\})$	91424858112
6	$\mathcal{O}(6; \{2^6, 3^8, 6^2\})$	744459558912
6	$\mathcal{O}(6; \{2^2, 3^{11}, 6^2\})$	5942615777280
6	$\mathcal{O}(6; \{2^{15}, 6^3\})$	4353564672
6	$\mathcal{O}(6; \{2^{11}, 3^3, 6^3\})$	47889211392
6	$\mathcal{O}(6; \{2^7, 3^6, 6^3\})$	370052997120
6	$\mathcal{O}(6; \{2^3, 3^9, 6^3\})$	2973484670976
6	$\mathcal{O}(6; \{2^{12}, 3, 6^4\})$	21767823360
6	$\mathcal{O}(6; \{2^8, 3^4, 6^4\})$	187203280896
6	$\mathcal{O}(6; \{2^4, 3^7, 6^4\})$	1484565553152
6	$\mathcal{O}(6; \{3^{10}, 6^4\})$	11889585119232
6	$\mathcal{O}(6; \{2^9, 3^2, 6^5\})$	91424858112
6	$\mathcal{O}(6; \{2^5, 3^5, 6^5\})$	744459558912
6	$\mathcal{O}(6; \{2, 3^8, 6^5\})$	5942615777280
6	$\mathcal{O}(6; \{2^{10}, 6^6\})$	47889211392
6	$\mathcal{O}(6; \{2^6, 3^3, 6^6\})$	370052997120
6	$\mathcal{O}(6; \{2^2, 3^6, 6^6\})$	2973484670976
6	$\mathcal{O}(6; \{2^7, 3, 6^7\})$	187203280896
6	$\mathcal{O}(6; \{2^3, 3^4, 6^7\})$	1484565553152
6	$\mathcal{O}(6; \{2^4, 3^2, 6^8\})$	744459558912
6	$\mathcal{O}(6; \{3^5, 6^8\})$	5942615777280
6	$\mathcal{O}(6; \{2^5, 6^9\})$	370052997120
6	$\mathcal{O}(6; \{2, 3^3, 6^9\})$	2973484670976
6	$\mathcal{O}(6; \{2^2, 3, 6^{10}\})$	1484565553152
6	$\mathcal{O}(6; \{6^{12}\})$	2973484670976

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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	$\mathcal{O}(5; \{2^{24}\})$	60465152
6	$\mathcal{O}(5; \{2^{20}, 3^3\})$	120932352
6	$\mathcal{O}(5; \{2^{16}, 3^6\})$	1330255872
6	$\mathcal{O}(5; \{2^{12}, 3^9\})$	10279249920
6	$\mathcal{O}(5; \{2^8, 3^{12}\})$	82596796416
6	$\mathcal{O}(5; \{2^4, 3^{15}\})$	660411574272
6	$\mathcal{O}(5; \{3^{18}\})$	5278495571514
6	$\mathcal{O}(5; \{2^{21}, 3, 6\})$	120932352
6	$\mathcal{O}(5; \{2^{17}, 3^4, 6\})$	604661760
6	$\mathcal{O}(5; \{2^{13}, 3^7, 6\})$	5200091136
6	$\mathcal{O}(5; \{2^9, 3^{10}, 6\})$	41237932032
6	$\mathcal{O}(5; \{2^5, 3^{13}, 6\})$	330266253312
6	$\mathcal{O}(5; \{2, 3^{16}, 6\})$	2641767229440
6	$\mathcal{O}(5; \{2^{18}, 3^2, 6^2\})$	362797056
6	$\mathcal{O}(5; \{2^{14}, 3^5, 6^2\})$	2539579392
6	$\mathcal{O}(5; \{2^{10}, 3^8, 6^2\})$	20679432192
6	$\mathcal{O}(5; \{2^6, 3^{11}, 6^2\})$	165072660480
6	$\mathcal{O}(5; \{2^2, 3^{14}, 6^2\})$	1320944080896
6	$\mathcal{O}(5; \{2^{19}, 6^3\})$	120932352
6	$\mathcal{O}(5; \{2^{15}, 3^3, 6^3\})$	1330255872
6	$\mathcal{O}(5; \{2^{11}, 3^6, 6^3\})$	10279249920
6	$\mathcal{O}(5; \{2^7, 3^9, 6^3\})$	82596796416
6	$\mathcal{O}(5; \{2^3, 3^{12}, 6^3\})$	660411574272
6	$\mathcal{O}(5; \{2^{16}, 3, 6^4\})$	604661760
6	$\mathcal{O}(5; \{2^{12}, 3^4, 6^4\})$	5200091136
6	$\mathcal{O}(5; \{2^8, 3^7, 6^4\})$	41237932032
6	$\mathcal{O}(5; \{2^4, 3^{10}, 6^4\})$	330266253312
6	$\mathcal{O}(5; \{3^{13}, 6^4\})$	2641767229440
6	$\mathcal{O}(5; \{2^{13}, 3^2, 6^5\})$	2539579392
6	$\mathcal{O}(5; \{2^9, 3^5, 6^5\})$	20679432192
6	$\mathcal{O}(5; \{2^5, 3^8, 6^5\})$	165072660480
6	$\mathcal{O}(5; \{2, 3^{11}, 6^5\})$	1320944080896
6	$\mathcal{O}(5; \{2^{14}, 6^6\})$	1330255872
6	$\mathcal{O}(5; \{2^{10}, 3^3, 6^6\})$	10279249920
6	$\mathcal{O}(5; \{2^6, 3^6, 6^6\})$	82596796416
6	$\mathcal{O}(5; \{2^2, 3^9, 6^6\})$	660411574272
6	$\mathcal{O}(5; \{2^{11}, 3, 6^7\})$	5200091136
6	$\mathcal{O}(5; \{2^7, 3^4, 6^7\})$	41237932032
6	$\mathcal{O}(5; \{2^3, 3^7, 6^7\})$	330266253312
6	$\mathcal{O}(5; \{2^8, 3^2, 6^8\})$	20679432192
6	$\mathcal{O}(5; \{2^4, 3^5, 6^8\})$	165072660480
6	$\mathcal{O}(5; \{3^8, 6^8\})$	1320944080896
6	$\mathcal{O}(5; \{2^9, 6^9\})$	10279249920

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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	$\mathcal{O}(5; \{2^5, 3^3, 6^9\})$	82596796416
6	$\mathcal{O}(5; \{2, 3^6, 6^9\})$	660411574272
6	$\mathcal{O}(5; \{2^6, 3, 6^{10}\})$	41237932032
6	$\mathcal{O}(5; \{2^2, 3^4, 6^{10}\})$	330266253312
6	$\mathcal{O}(5; \{2^3, 3^2, 6^{11}\})$	165072660480
6	$\mathcal{O}(5; \{2^4, 6^{12}\})$	82596796416
6	$\mathcal{O}(5; \{3^3, 6^{12}\})$	660411574272
6	$\mathcal{O}(5; \{2, 3, 6^{13}\})$	330266253312
6	$\mathcal{O}(4; \{2^{28}\})$	1679360
6	$\mathcal{O}(4; \{2^{24}, 3^3\})$	3359232
6	$\mathcal{O}(4; \{2^{20}, 3^6\})$	36951552
6	$\mathcal{O}(4; \{2^{16}, 3^9\})$	285534720
6	$\mathcal{O}(4; \{2^{12}, 3^{12}\})$	2294355456
6	$\mathcal{O}(4; \{2^8, 3^{15}\})$	18344765952
6	$\mathcal{O}(4; \{2^4, 3^{18}\})$	146768205312
6	$\mathcal{O}(4; \{3^{21}\})$	1169549097750
6	$\mathcal{O}(4; \{2^{25}, 3, 6\})$	3359232
6	$\mathcal{O}(4; \{2^{21}, 3^4, 6\})$	16796160
6	$\mathcal{O}(4; \{2^{17}, 3^7, 6\})$	144446976
6	$\mathcal{O}(4; \{2^{13}, 3^{10}, 6\})$	1145498112
6	$\mathcal{O}(4; \{2^9, 3^{13}, 6\})$	9174062592
6	$\mathcal{O}(4; \{2^5, 3^{16}, 6\})$	73382423040
6	$\mathcal{O}(4; \{2, 3^{19}, 6\})$	587069462016
6	$\mathcal{O}(4; \{2^{22}, 3^2, 6^2\})$	10077696
6	$\mathcal{O}(4; \{2^{18}, 3^5, 6^2\})$	70543872
6	$\mathcal{O}(4; \{2^{14}, 3^8, 6^2\})$	574428672
6	$\mathcal{O}(4; \{2^{10}, 3^{11}, 6^2\})$	4585351680
6	$\mathcal{O}(4; \{2^6, 3^{14}, 6^2\})$	36692891136
6	$\mathcal{O}(4; \{2^2, 3^{17}, 6^2\})$	293533051392
6	$\mathcal{O}(4; \{2^{23}, 6^3\})$	3359232
6	$\mathcal{O}(4; \{2^{19}, 3^3, 6^3\})$	36951552
6	$\mathcal{O}(4; \{2^{15}, 3^6, 6^3\})$	285534720
6	$\mathcal{O}(4; \{2^{11}, 3^9, 6^3\})$	2294355456
6	$\mathcal{O}(4; \{2^7, 3^{12}, 6^3\})$	18344765952
6	$\mathcal{O}(4; \{2^3, 3^{15}, 6^3\})$	146768205312
6	$\mathcal{O}(4; \{2^{20}, 3, 6^4\})$	16796160
6	$\mathcal{O}(4; \{2^{16}, 3^4, 6^4\})$	144446976
6	$\mathcal{O}(4; \{2^{12}, 3^7, 6^4\})$	1145498112
6	$\mathcal{O}(4; \{2^8, 3^{10}, 6^4\})$	9174062592
6	$\mathcal{O}(4; \{2^4, 3^{13}, 6^4\})$	73382423040
6	$\mathcal{O}(4; \{3^{16}, 6^4\})$	587069462016
6	$\mathcal{O}(4; \{2^{17}, 3^2, 6^5\})$	70543872
6	$\mathcal{O}(4; \{2^{13}, 3^5, 6^5\})$	574428672

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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	$\mathcal{O}(4; \{2^9, 3^8, 6^5\})$	4585351680
6	$\mathcal{O}(4; \{2^5, 3^{11}, 6^5\})$	36692891136
6	$\mathcal{O}(4; \{2, 3^{14}, 6^5\})$	293533051392
6	$\mathcal{O}(4; \{2^{18}, 6^6\})$	36951552
6	$\mathcal{O}(4; \{2^{14}, 3^3, 6^6\})$	285534720
6	$\mathcal{O}(4; \{2^{10}, 3^6, 6^6\})$	2294355456
6	$\mathcal{O}(4; \{2^6, 3^9, 6^6\})$	18344765952
6	$\mathcal{O}(4; \{2^2, 3^{12}, 6^6\})$	146768205312
6	$\mathcal{O}(4; \{2^{15}, 3, 6^7\})$	144446976
6	$\mathcal{O}(4; \{2^{11}, 3^4, 6^7\})$	1145498112
6	$\mathcal{O}(4; \{2^7, 3^7, 6^7\})$	9174062592
6	$\mathcal{O}(4; \{2^3, 3^{10}, 6^7\})$	73382423040
6	$\mathcal{O}(4; \{2^{12}, 3^2, 6^8\})$	574428672
6	$\mathcal{O}(4; \{2^8, 3^5, 6^8\})$	4585351680
6	$\mathcal{O}(4; \{2^4, 3^8, 6^8\})$	36692891136
6	$\mathcal{O}(4; \{3^{11}, 6^8\})$	293533051392
6	$\mathcal{O}(4; \{2^{13}, 6^9\})$	285534720
6	$\mathcal{O}(4; \{2^9, 3^3, 6^9\})$	2294355456
6	$\mathcal{O}(4; \{2^5, 3^6, 6^9\})$	18344765952
6	$\mathcal{O}(4; \{2, 3^9, 6^9\})$	146768205312
6	$\mathcal{O}(4; \{2^{10}, 3, 6^{10}\})$	1145498112
6	$\mathcal{O}(4; \{2^6, 3^4, 6^{10}\})$	9174062592
6	$\mathcal{O}(4; \{2^2, 3^7, 6^{10}\})$	73382423040
6	$\mathcal{O}(4; \{2^7, 3^2, 6^{11}\})$	4585351680
6	$\mathcal{O}(4; \{2^3, 3^5, 6^{11}\})$	36692891136
6	$\mathcal{O}(4; \{2^8, 6^{12}\})$	2294355456
6	$\mathcal{O}(4; \{2^4, 3^3, 6^{12}\})$	18344765952
6	$\mathcal{O}(4; \{3^6, 6^{12}\})$	146768205312
6	$\mathcal{O}(4; \{2^5, 3, 6^{13}\})$	9174062592
6	$\mathcal{O}(4; \{2, 3^4, 6^{13}\})$	73382423040
6	$\mathcal{O}(4; \{2^2, 3^2, 6^{14}\})$	36692891136
6	$\mathcal{O}(4; \{2^3, 6^{15}\})$	18344765952
6	$\mathcal{O}(4; \{3, 6^{16}\})$	73382423040
6	$\mathcal{O}(3; \{2^{32}\})$	46592
6	$\mathcal{O}(3; \{2^{28}, 3^3\})$	93312
6	$\mathcal{O}(3; \{2^{24}, 3^6\})$	1026432
6	$\mathcal{O}(3; \{2^{20}, 3^9\})$	7931520
6	$\mathcal{O}(3; \{2^{16}, 3^{12}\})$	63732096
6	$\mathcal{O}(3; \{2^{12}, 3^{15}\})$	509576832
6	$\mathcal{O}(3; \{2^8, 3^{18}\})$	4076894592
6	$\mathcal{O}(3; \{2^4, 3^{21}\})$	32614876800
6	$\mathcal{O}(3; \{3^{24}\})$	256842430362
6	$\mathcal{O}(3; \{2^{29}, 3, 6\})$	93312

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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	$\mathcal{O}(3; \{2^{25}, 3^4, 6\})$	466560
6	$\mathcal{O}(3; \{2^{21}, 3^7, 6\})$	4012416
6	$\mathcal{O}(3; \{2^{17}, 3^{10}, 6\})$	31819392
6	$\mathcal{O}(3; \{2^{13}, 3^{13}, 6\})$	254835072
6	$\mathcal{O}(3; \{2^9, 3^{16}, 6\})$	2038400640
6	$\mathcal{O}(3; \{2^5, 3^{19}, 6\})$	16307485056
6	$\mathcal{O}(3; \{2, 3^{22}, 6\})$	130459600512
6	$\mathcal{O}(3; \{2^{26}, 3^2, 6^2\})$	279936
6	$\mathcal{O}(3; \{2^{22}, 3^5, 6^2\})$	1959552
6	$\mathcal{O}(3; \{2^{18}, 3^8, 6^2\})$	15956352
6	$\mathcal{O}(3; \{2^{14}, 3^{11}, 6^2\})$	127370880
6	$\mathcal{O}(3; \{2^{10}, 3^{14}, 6^2\})$	1019246976
6	$\mathcal{O}(3; \{2^6, 3^{17}, 6^2\})$	8153695872
6	$\mathcal{O}(3; \{2^2, 3^{20}, 6^2\})$	65229846912
6	$\mathcal{O}(3; \{2^{27}, 6^3\})$	93312
6	$\mathcal{O}(3; \{2^{23}, 3^3, 6^3\})$	1026432
6	$\mathcal{O}(3; \{2^{19}, 3^6, 6^3\})$	7931520
6	$\mathcal{O}(3; \{2^{15}, 3^9, 6^3\})$	63732096
6	$\mathcal{O}(3; \{2^{11}, 3^{12}, 6^3\})$	509576832
6	$\mathcal{O}(3; \{2^7, 3^{15}, 6^3\})$	4076894592
6	$\mathcal{O}(3; \{2^3, 3^{18}, 6^3\})$	32614876800
6	$\mathcal{O}(3; \{2^{24}, 3, 6^4\})$	466560
6	$\mathcal{O}(3; \{2^{20}, 3^4, 6^4\})$	4012416
6	$\mathcal{O}(3; \{2^{16}, 3^7, 6^4\})$	31819392
6	$\mathcal{O}(3; \{2^{12}, 3^{10}, 6^4\})$	254835072
6	$\mathcal{O}(3; \{2^8, 3^{13}, 6^4\})$	2038400640
6	$\mathcal{O}(3; \{2^4, 3^{16}, 6^4\})$	16307485056
6	$\mathcal{O}(3; \{3^{19}, 6^4\})$	130459600512
6	$\mathcal{O}(3; \{2^{21}, 3^2, 6^5\})$	1959552
6	$\mathcal{O}(3; \{2^{17}, 3^5, 6^5\})$	15956352
6	$\mathcal{O}(3; \{2^{13}, 3^8, 6^5\})$	127370880
6	$\mathcal{O}(3; \{2^9, 3^{11}, 6^5\})$	1019246976
6	$\mathcal{O}(3; \{2^5, 3^{14}, 6^5\})$	8153695872
6	$\mathcal{O}(3; \{2, 3^{17}, 6^5\})$	65229846912
6	$\mathcal{O}(3; \{2^{22}, 6^6\})$	1026432
6	$\mathcal{O}(3; \{2^{18}, 3^3, 6^6\})$	7931520
6	$\mathcal{O}(3; \{2^{14}, 3^6, 6^6\})$	63732096
6	$\mathcal{O}(3; \{2^{10}, 3^9, 6^6\})$	509576832
6	$\mathcal{O}(3; \{2^6, 3^{12}, 6^6\})$	4076894592
6	$\mathcal{O}(3; \{2^2, 3^{15}, 6^6\})$	32614876800
6	$\mathcal{O}(3; \{2^{19}, 3, 6^7\})$	4012416
6	$\mathcal{O}(3; \{2^{15}, 3^4, 6^7\})$	31819392
6	$\mathcal{O}(3; \{2^{11}, 3^7, 6^7\})$	254835072

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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	$\mathcal{O}(3; \{2^7, 3^{10}, 6^7\})$	2038400640
6	$\mathcal{O}(3; \{2^3, 3^{13}, 6^7\})$	16307485056
6	$\mathcal{O}(3; \{2^{16}, 3^2, 6^8\})$	15956352
6	$\mathcal{O}(3; \{2^{12}, 3^5, 6^8\})$	127370880
6	$\mathcal{O}(3; \{2^8, 3^8, 6^8\})$	1019246976
6	$\mathcal{O}(3; \{2^4, 3^{11}, 6^8\})$	8153695872
6	$\mathcal{O}(3; \{3^{14}, 6^8\})$	65229846912
6	$\mathcal{O}(3; \{2^{17}, 6^9\})$	7931520
6	$\mathcal{O}(3; \{2^{13}, 3^3, 6^9\})$	63732096
6	$\mathcal{O}(3; \{2^9, 3^6, 6^9\})$	509576832
6	$\mathcal{O}(3; \{2^5, 3^9, 6^9\})$	4076894592
6	$\mathcal{O}(3; \{2, 3^{12}, 6^9\})$	32614876800
6	$\mathcal{O}(3; \{2^{14}, 3, 6^{10}\})$	31819392
6	$\mathcal{O}(3; \{2^{10}, 3^4, 6^{10}\})$	254835072
6	$\mathcal{O}(3; \{2^6, 3^7, 6^{10}\})$	2038400640
6	$\mathcal{O}(3; \{2^2, 3^{10}, 6^{10}\})$	16307485056
6	$\mathcal{O}(3; \{2^{11}, 3^2, 6^{11}\})$	127370880
6	$\mathcal{O}(3; \{2^7, 3^5, 6^{11}\})$	1019246976
6	$\mathcal{O}(3; \{2^3, 3^8, 6^{11}\})$	8153695872
6	$\mathcal{O}(3; \{2^{12}, 6^{12}\})$	63732096
6	$\mathcal{O}(3; \{2^8, 3^3, 6^{12}\})$	509576832
6	$\mathcal{O}(3; \{2^4, 3^6, 6^{12}\})$	4076894592
6	$\mathcal{O}(3; \{3^9, 6^{12}\})$	32614876800
6	$\mathcal{O}(3; \{2^9, 3, 6^{13}\})$	254835072
6	$\mathcal{O}(3; \{2^5, 3^4, 6^{13}\})$	2038400640
6	$\mathcal{O}(3; \{2, 3^7, 6^{13}\})$	16307485056
6	$\mathcal{O}(3; \{2^6, 3^2, 6^{14}\})$	1019246976
6	$\mathcal{O}(3; \{2^2, 3^5, 6^{14}\})$	8153695872
6	$\mathcal{O}(3; \{2^7, 6^{15}\})$	509576832
6	$\mathcal{O}(3; \{2^3, 3^3, 6^{15}\})$	4076894592
6	$\mathcal{O}(3; \{2^4, 3, 6^{16}\})$	2038400640
6	$\mathcal{O}(3; \{3^4, 6^{16}\})$	16307485056
6	$\mathcal{O}(3; \{2, 3^2, 6^{17}\})$	8153695872
6	$\mathcal{O}(3; \{2^2, 6^{18}\})$	4076894592
6	$\mathcal{O}(2; \{2^{36}\})$	1280
6	$\mathcal{O}(2; \{2^{32}, 3^3\})$	2592
6	$\mathcal{O}(2; \{2^{28}, 3^6\})$	28512
6	$\mathcal{O}(2; \{2^{24}, 3^9\})$	220320
6	$\mathcal{O}(2; \{2^{20}, 3^{12}\})$	1770336
6	$\mathcal{O}(2; \{2^{16}, 3^{15}\})$	14154912
6	$\mathcal{O}(2; \{2^{12}, 3^{18}\})$	113247072
6	$\mathcal{O}(2; \{2^8, 3^{21}\})$	905968800
6	$\mathcal{O}(2; \{2^4, 3^{24}\})$	7247758176

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{3^{27}\})$	54358179030
6	$\mathcal{O}(2; \{2^{33}, 3, 6\})$	2592
6	$\mathcal{O}(2; \{2^{29}, 3^4, 6\})$	12960
6	$\mathcal{O}(2; \{2^{25}, 3^7, 6\})$	111456
6	$\mathcal{O}(2; \{2^{21}, 3^{10}, 6\})$	883872
6	$\mathcal{O}(2; \{2^{17}, 3^{13}, 6\})$	7078752
6	$\mathcal{O}(2; \{2^{13}, 3^{16}, 6\})$	56622240
6	$\mathcal{O}(2; \{2^9, 3^{19}, 6\})$	452985696
6	$\mathcal{O}(2; \{2^5, 3^{22}, 6\})$	3623877792
6	$\mathcal{O}(2; \{2, 3^{25}, 6\})$	28991030112
6	$\mathcal{O}(2; \{2^{30}, 3^2, 6^2\})$	7776
6	$\mathcal{O}(2; \{2^{26}, 3^5, 6^2\})$	54432
6	$\mathcal{O}(2; \{2^{22}, 3^8, 6^2\})$	443232
6	$\mathcal{O}(2; \{2^{18}, 3^{11}, 6^2\})$	3538080
6	$\mathcal{O}(2; \{2^{14}, 3^{14}, 6^2\})$	28312416
6	$\mathcal{O}(2; \{2^{10}, 3^{17}, 6^2\})$	226491552
6	$\mathcal{O}(2; \{2^6, 3^{20}, 6^2\})$	1811940192
6	$\mathcal{O}(2; \{2^2, 3^{23}, 6^2\})$	14495513760
6	$\mathcal{O}(2; \{2^{31}, 6^3\})$	2592
6	$\mathcal{O}(2; \{2^{27}, 3^3, 6^3\})$	28512
6	$\mathcal{O}(2; \{2^{23}, 3^6, 6^3\})$	220320
6	$\mathcal{O}(2; \{2^{19}, 3^9, 6^3\})$	1770336
6	$\mathcal{O}(2; \{2^{15}, 3^{12}, 6^3\})$	14154912
6	$\mathcal{O}(2; \{2^{11}, 3^{15}, 6^3\})$	113247072
6	$\mathcal{O}(2; \{2^7, 3^{18}, 6^3\})$	905968800
6	$\mathcal{O}(2; \{2^3, 3^{21}, 6^3\})$	7247758176
6	$\mathcal{O}(2; \{2^{28}, 3, 6^4\})$	12960
6	$\mathcal{O}(2; \{2^{24}, 3^4, 6^4\})$	111456
6	$\mathcal{O}(2; \{2^{20}, 3^7, 6^4\})$	883872
6	$\mathcal{O}(2; \{2^{16}, 3^{10}, 6^4\})$	7078752
6	$\mathcal{O}(2; \{2^{12}, 3^{13}, 6^4\})$	56622240
6	$\mathcal{O}(2; \{2^8, 3^{16}, 6^4\})$	452985696
6	$\mathcal{O}(2; \{2^4, 3^{19}, 6^4\})$	3623877792
6	$\mathcal{O}(2; \{3^{22}, 6^4\})$	28991030112
6	$\mathcal{O}(2; \{2^{25}, 3^2, 6^5\})$	54432
6	$\mathcal{O}(2; \{2^{21}, 3^5, 6^5\})$	443232
6	$\mathcal{O}(2; \{2^{17}, 3^8, 6^5\})$	3538080
6	$\mathcal{O}(2; \{2^{13}, 3^{11}, 6^5\})$	28312416
6	$\mathcal{O}(2; \{2^9, 3^{14}, 6^5\})$	226491552
6	$\mathcal{O}(2; \{2^5, 3^{17}, 6^5\})$	1811940192
6	$\mathcal{O}(2; \{2, 3^{20}, 6^5\})$	14495513760
6	$\mathcal{O}(2; \{2^{26}, 6^6\})$	28512
6	$\mathcal{O}(2; \{2^{22}, 3^3, 6^6\})$	220320

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{18}, 3^6, 6^6\})$	1770336
6	$\mathcal{O}(2; \{2^{14}, 3^9, 6^6\})$	14154912
6	$\mathcal{O}(2; \{2^{10}, 3^{12}, 6^6\})$	113247072
6	$\mathcal{O}(2; \{2^6, 3^{15}, 6^6\})$	905968800
6	$\mathcal{O}(2; \{2^2, 3^{18}, 6^6\})$	7247758176
6	$\mathcal{O}(2; \{2^{23}, 3, 6^7\})$	111456
6	$\mathcal{O}(2; \{2^{19}, 3^4, 6^7\})$	883872
6	$\mathcal{O}(2; \{2^{15}, 3^7, 6^7\})$	7078752
6	$\mathcal{O}(2; \{2^{11}, 3^{10}, 6^7\})$	56622240
6	$\mathcal{O}(2; \{2^7, 3^{13}, 6^7\})$	452985696
6	$\mathcal{O}(2; \{2^3, 3^{16}, 6^7\})$	3623877792
6	$\mathcal{O}(2; \{2^{20}, 3^2, 6^8\})$	443232
6	$\mathcal{O}(2; \{2^{16}, 3^5, 6^8\})$	3538080
6	$\mathcal{O}(2; \{2^{12}, 3^8, 6^8\})$	28312416
6	$\mathcal{O}(2; \{2^8, 3^{11}, 6^8\})$	226491552
6	$\mathcal{O}(2; \{2^4, 3^{14}, 6^8\})$	1811940192
6	$\mathcal{O}(2; \{3^{17}, 6^8\})$	14495513760
6	$\mathcal{O}(2; \{2^{21}, 6^9\})$	220320
6	$\mathcal{O}(2; \{2^{17}, 3^3, 6^9\})$	1770336
6	$\mathcal{O}(2; \{2^{13}, 3^6, 6^9\})$	14154912
6	$\mathcal{O}(2; \{2^9, 3^9, 6^9\})$	113247072
6	$\mathcal{O}(2; \{2^5, 3^{12}, 6^9\})$	905968800
6	$\mathcal{O}(2; \{2, 3^{15}, 6^9\})$	7247758176
6	$\mathcal{O}(2; \{2^{18}, 3, 6^{10}\})$	883872
6	$\mathcal{O}(2; \{2^{14}, 3^4, 6^{10}\})$	7078752
6	$\mathcal{O}(2; \{2^{10}, 3^7, 6^{10}\})$	56622240
6	$\mathcal{O}(2; \{2^6, 3^{10}, 6^{10}\})$	452985696
6	$\mathcal{O}(2; \{2^2, 3^{13}, 6^{10}\})$	3623877792
6	$\mathcal{O}(2; \{2^{15}, 3^2, 6^{11}\})$	3538080
6	$\mathcal{O}(2; \{2^{11}, 3^5, 6^{11}\})$	28312416
6	$\mathcal{O}(2; \{2^7, 3^8, 6^{11}\})$	226491552
6	$\mathcal{O}(2; \{2^3, 3^{11}, 6^{11}\})$	1811940192
6	$\mathcal{O}(2; \{2^{16}, 6^{12}\})$	1770336
6	$\mathcal{O}(2; \{2^{12}, 3^3, 6^{12}\})$	14154912
6	$\mathcal{O}(2; \{2^8, 3^6, 6^{12}\})$	113247072
6	$\mathcal{O}(2; \{2^4, 3^9, 6^{12}\})$	905968800
6	$\mathcal{O}(2; \{3^{12}, 6^{12}\})$	7247758176
6	$\mathcal{O}(2; \{2^{13}, 3, 6^{13}\})$	7078752
6	$\mathcal{O}(2; \{2^9, 3^4, 6^{13}\})$	56622240
6	$\mathcal{O}(2; \{2^5, 3^7, 6^{13}\})$	452985696
6	$\mathcal{O}(2; \{2, 3^{10}, 6^{13}\})$	3623877792
6	$\mathcal{O}(2; \{2^{10}, 3^2, 6^{14}\})$	28312416
6	$\mathcal{O}(2; \{2^6, 3^5, 6^{14}\})$	226491552

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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	$\mathcal{O}(2; \{2^2, 3^8, 6^{14}\})$	1811940192
6	$\mathcal{O}(2; \{2^{11}, 6^{15}\})$	14154912
6	$\mathcal{O}(2; \{2^7, 3^3, 6^{15}\})$	113247072
6	$\mathcal{O}(2; \{2^3, 3^6, 6^{15}\})$	905968800
6	$\mathcal{O}(2; \{2^8, 3, 6^{16}\})$	56622240
6	$\mathcal{O}(2; \{2^4, 3^4, 6^{16}\})$	452985696
6	$\mathcal{O}(2; \{3^7, 6^{16}\})$	3623877792
6	$\mathcal{O}(2; \{2^5, 3^2, 6^{17}\})$	226491552
6	$\mathcal{O}(2; \{2, 3^5, 6^{17}\})$	1811940192
6	$\mathcal{O}(2; \{2^6, 6^{18}\})$	113247072
6	$\mathcal{O}(2; \{2^2, 3^3, 6^{18}\})$	905968800
6	$\mathcal{O}(2; \{2^3, 3, 6^{19}\})$	452985696
6	$\mathcal{O}(2; \{3^2, 6^{20}\})$	1811940192
6	$\mathcal{O}(2; \{2, 6^{21}\})$	905968800
6	$\mathcal{O}(1; \{2^{40}\})$	32
6	$\mathcal{O}(1; \{2^{36}, 3^3\})$	72
6	$\mathcal{O}(1; \{2^{32}, 3^6\})$	792
6	$\mathcal{O}(1; \{2^{28}, 3^9\})$	6120
6	$\mathcal{O}(1; \{2^{24}, 3^{12}\})$	49176
6	$\mathcal{O}(1; \{2^{20}, 3^{15}\})$	393192
6	$\mathcal{O}(1; \{2^{16}, 3^{18}\})$	3145752
6	$\mathcal{O}(1; \{2^{12}, 3^{21}\})$	25165800
6	$\mathcal{O}(1; \{2^8, 3^{24}\})$	201326616
6	$\mathcal{O}(1; \{2^4, 3^{27}\})$	1610612712
6	$\mathcal{O}(1; \{3^{30}\})$	9663676434
6	$\mathcal{O}(1; \{2^{37}, 3, 6\})$	72
6	$\mathcal{O}(1; \{2^{33}, 3^4, 6\})$	360
6	$\mathcal{O}(1; \{2^{29}, 3^7, 6\})$	3096
6	$\mathcal{O}(1; \{2^{25}, 3^{10}, 6\})$	24552
6	$\mathcal{O}(1; \{2^{21}, 3^{13}, 6\})$	196632
6	$\mathcal{O}(1; \{2^{17}, 3^{16}, 6\})$	1572840
6	$\mathcal{O}(1; \{2^{13}, 3^{19}, 6\})$	12582936
6	$\mathcal{O}(1; \{2^9, 3^{22}, 6\})$	100663272
6	$\mathcal{O}(1; \{2^5, 3^{25}, 6\})$	805306392
6	$\mathcal{O}(1; \{2, 3^{28}, 6\})$	6442450920
6	$\mathcal{O}(1; \{2^{34}, 3^2, 6^2\})$	216
6	$\mathcal{O}(1; \{2^{30}, 3^5, 6^2\})$	1512
6	$\mathcal{O}(1; \{2^{26}, 3^8, 6^2\})$	12312
6	$\mathcal{O}(1; \{2^{22}, 3^{11}, 6^2\})$	98280
6	$\mathcal{O}(1; \{2^{18}, 3^{14}, 6^2\})$	786456
6	$\mathcal{O}(1; \{2^{14}, 3^{17}, 6^2\})$	6291432
6	$\mathcal{O}(1; \{2^{10}, 3^{20}, 6^2\})$	50331672
6	$\mathcal{O}(1; \{2^6, 3^{23}, 6^2\})$	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	$\mathcal{O}(1; \{2^2, 3^{26}, 6^2\})$	3221225496
6	$\mathcal{O}(1; \{2^{35}, 6^3\})$	72
6	$\mathcal{O}(1; \{2^{31}, 3^3, 6^3\})$	792
6	$\mathcal{O}(1; \{2^{27}, 3^6, 6^3\})$	6120
6	$\mathcal{O}(1; \{2^{23}, 3^9, 6^3\})$	49176
6	$\mathcal{O}(1; \{2^{19}, 3^{12}, 6^3\})$	393192
6	$\mathcal{O}(1; \{2^{15}, 3^{15}, 6^3\})$	3145752
6	$\mathcal{O}(1; \{2^{11}, 3^{18}, 6^3\})$	25165800
6	$\mathcal{O}(1; \{2^7, 3^{21}, 6^3\})$	201326616
6	$\mathcal{O}(1; \{2^3, 3^{24}, 6^3\})$	1610612712
6	$\mathcal{O}(1; \{2^{32}, 3, 6^4\})$	360
6	$\mathcal{O}(1; \{2^{28}, 3^4, 6^4\})$	3096
6	$\mathcal{O}(1; \{2^{24}, 3^7, 6^4\})$	24552
6	$\mathcal{O}(1; \{2^{20}, 3^{10}, 6^4\})$	196632
6	$\mathcal{O}(1; \{2^{16}, 3^{13}, 6^4\})$	1572840
6	$\mathcal{O}(1; \{2^{12}, 3^{16}, 6^4\})$	12582936
6	$\mathcal{O}(1; \{2^8, 3^{19}, 6^4\})$	100663272
6	$\mathcal{O}(1; \{2^4, 3^{22}, 6^4\})$	805306392
6	$\mathcal{O}(1; \{3^{25}, 6^4\})$	6442450920
6	$\mathcal{O}(1; \{2^{29}, 3^2, 6^5\})$	1512
6	$\mathcal{O}(1; \{2^{25}, 3^5, 6^5\})$	12312
6	$\mathcal{O}(1; \{2^{21}, 3^8, 6^5\})$	98280
6	$\mathcal{O}(1; \{2^{17}, 3^{11}, 6^5\})$	786456
6	$\mathcal{O}(1; \{2^{13}, 3^{14}, 6^5\})$	6291432
6	$\mathcal{O}(1; \{2^9, 3^{17}, 6^5\})$	50331672
6	$\mathcal{O}(1; \{2^5, 3^{20}, 6^5\})$	402653160
6	$\mathcal{O}(1; \{2, 3^{23}, 6^5\})$	3221225496
6	$\mathcal{O}(1; \{2^{30}, 6^6\})$	792
6	$\mathcal{O}(1; \{2^{26}, 3^3, 6^6\})$	6120
6	$\mathcal{O}(1; \{2^{22}, 3^6, 6^6\})$	49176
6	$\mathcal{O}(1; \{2^{18}, 3^9, 6^6\})$	393192
6	$\mathcal{O}(1; \{2^{14}, 3^{12}, 6^6\})$	3145752
6	$\mathcal{O}(1; \{2^{10}, 3^{15}, 6^6\})$	25165800
6	$\mathcal{O}(1; \{2^6, 3^{18}, 6^6\})$	201326616
6	$\mathcal{O}(1; \{2^2, 3^{21}, 6^6\})$	1610612712
6	$\mathcal{O}(1; \{2^{27}, 3, 6^7\})$	3096
6	$\mathcal{O}(1; \{2^{23}, 3^4, 6^7\})$	24552
6	$\mathcal{O}(1; \{2^{19}, 3^7, 6^7\})$	196632
6	$\mathcal{O}(1; \{2^{15}, 3^{10}, 6^7\})$	1572840
6	$\mathcal{O}(1; \{2^{11}, 3^{13}, 6^7\})$	12582936
6	$\mathcal{O}(1; \{2^7, 3^{16}, 6^7\})$	100663272
6	$\mathcal{O}(1; \{2^3, 3^{19}, 6^7\})$	805306392
6	$\mathcal{O}(1; \{2^{24}, 3^2, 6^8\})$	12312

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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	$\mathcal{O}(1; \{2^{20}, 3^5, 6^8\})$	98280
6	$\mathcal{O}(1; \{2^{16}, 3^8, 6^8\})$	786456
6	$\mathcal{O}(1; \{2^{12}, 3^{11}, 6^8\})$	6291432
6	$\mathcal{O}(1; \{2^8, 3^{14}, 6^8\})$	50331672
6	$\mathcal{O}(1; \{2^4, 3^{17}, 6^8\})$	402653160
6	$\mathcal{O}(1; \{3^{20}, 6^8\})$	3221225496
6	$\mathcal{O}(1; \{2^{25}, 6^9\})$	6120
6	$\mathcal{O}(1; \{2^{21}, 3^3, 6^9\})$	49176
6	$\mathcal{O}(1; \{2^{17}, 3^6, 6^9\})$	393192
6	$\mathcal{O}(1; \{2^{13}, 3^9, 6^9\})$	3145752
6	$\mathcal{O}(1; \{2^9, 3^{12}, 6^9\})$	25165800
6	$\mathcal{O}(1; \{2^5, 3^{15}, 6^9\})$	201326616
6	$\mathcal{O}(1; \{2, 3^{18}, 6^9\})$	1610612712
6	$\mathcal{O}(1; \{2^{22}, 3, 6^{10}\})$	24552
6	$\mathcal{O}(1; \{2^{18}, 3^4, 6^{10}\})$	196632
6	$\mathcal{O}(1; \{2^{14}, 3^7, 6^{10}\})$	1572840
6	$\mathcal{O}(1; \{2^{10}, 3^{10}, 6^{10}\})$	12582936
6	$\mathcal{O}(1; \{2^6, 3^{13}, 6^{10}\})$	100663272
6	$\mathcal{O}(1; \{2^2, 3^{16}, 6^{10}\})$	805306392
6	$\mathcal{O}(1; \{2^{19}, 3^2, 6^{11}\})$	98280
6	$\mathcal{O}(1; \{2^{15}, 3^5, 6^{11}\})$	786456
6	$\mathcal{O}(1; \{2^{11}, 3^8, 6^{11}\})$	6291432
6	$\mathcal{O}(1; \{2^7, 3^{11}, 6^{11}\})$	50331672
6	$\mathcal{O}(1; \{2^3, 3^{14}, 6^{11}\})$	402653160
6	$\mathcal{O}(1; \{2^{20}, 6^{12}\})$	49176
6	$\mathcal{O}(1; \{2^{16}, 3^3, 6^{12}\})$	393192
6	$\mathcal{O}(1; \{2^{12}, 3^6, 6^{12}\})$	3145752
6	$\mathcal{O}(1; \{2^8, 3^9, 6^{12}\})$	25165800
6	$\mathcal{O}(1; \{2^4, 3^{12}, 6^{12}\})$	201326616
6	$\mathcal{O}(1; \{3^{15}, 6^{12}\})$	1610612712
6	$\mathcal{O}(1; \{2^{17}, 3, 6^{13}\})$	196632
6	$\mathcal{O}(1; \{2^{13}, 3^4, 6^{13}\})$	1572840
6	$\mathcal{O}(1; \{2^9, 3^7, 6^{13}\})$	12582936
6	$\mathcal{O}(1; \{2^5, 3^{10}, 6^{13}\})$	100663272
6	$\mathcal{O}(1; \{2, 3^{13}, 6^{13}\})$	805306392
6	$\mathcal{O}(1; \{2^{14}, 3^2, 6^{14}\})$	786456
6	$\mathcal{O}(1; \{2^{10}, 3^5, 6^{14}\})$	6291432
6	$\mathcal{O}(1; \{2^6, 3^8, 6^{14}\})$	50331672
6	$\mathcal{O}(1; \{2^2, 3^{11}, 6^{14}\})$	402653160
6	$\mathcal{O}(1; \{2^{15}, 6^{15}\})$	393192
6	$\mathcal{O}(1; \{2^{11}, 3^3, 6^{15}\})$	3145752
6	$\mathcal{O}(1; \{2^7, 3^6, 6^{15}\})$	25165800
6	$\mathcal{O}(1; \{2^3, 3^9, 6^{15}\})$	201326616

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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	$\mathcal{O}(1; \{2^{12}, 3, 6^{16}\})$	1572840
6	$\mathcal{O}(1; \{2^8, 3^4, 6^{16}\})$	12582936
6	$\mathcal{O}(1; \{2^4, 3^7, 6^{16}\})$	100663272
6	$\mathcal{O}(1; \{3^{10}, 6^{16}\})$	805306392
6	$\mathcal{O}(1; \{2^9, 3^2, 6^{17}\})$	6291432
6	$\mathcal{O}(1; \{2^5, 3^5, 6^{17}\})$	50331672
6	$\mathcal{O}(1; \{2, 3^8, 6^{17}\})$	402653160
6	$\mathcal{O}(1; \{2^{10}, 6^{18}\})$	3145752
6	$\mathcal{O}(1; \{2^6, 3^3, 6^{18}\})$	25165800
6	$\mathcal{O}(1; \{2^2, 3^6, 6^{18}\})$	201326616
6	$\mathcal{O}(1; \{2^7, 3, 6^{19}\})$	12582936
6	$\mathcal{O}(1; \{2^3, 3^4, 6^{19}\})$	100663272
6	$\mathcal{O}(1; \{2^4, 3^2, 6^{20}\})$	50331672
6	$\mathcal{O}(1; \{3^5, 6^{20}\})$	402653160
6	$\mathcal{O}(1; \{2^5, 6^{21}\})$	25165800
6	$\mathcal{O}(1; \{2, 3^3, 6^{21}\})$	201326616
6	$\mathcal{O}(1; \{2^2, 3, 6^{22}\})$	100663272
6	$\mathcal{O}(1; \{6^{24}\})$	201326616
6	$\mathcal{O}(0; \{2^{40}, 3^3\})$	2
6	$\mathcal{O}(0; \{2^{36}, 3^6\})$	22
6	$\mathcal{O}(0; \{2^{32}, 3^9\})$	170
6	$\mathcal{O}(0; \{2^{28}, 3^{12}\})$	1366
6	$\mathcal{O}(0; \{2^{24}, 3^{15}\})$	10922
6	$\mathcal{O}(0; \{2^{20}, 3^{18}\})$	87382
6	$\mathcal{O}(0; \{2^{16}, 3^{21}\})$	699050
6	$\mathcal{O}(0; \{2^{12}, 3^{24}\})$	5592406
6	$\mathcal{O}(0; \{2^8, 3^{27}\})$	44739242
6	$\mathcal{O}(0; \{2^4, 3^{30}\})$	357913942
6	$\mathcal{O}(0; \{2^{41}, 3, 6\})$	2
6	$\mathcal{O}(0; \{2^{37}, 3^4, 6\})$	10
6	$\mathcal{O}(0; \{2^{33}, 3^7, 6\})$	86
6	$\mathcal{O}(0; \{2^{29}, 3^{10}, 6\})$	682
6	$\mathcal{O}(0; \{2^{25}, 3^{13}, 6\})$	5462
6	$\mathcal{O}(0; \{2^{21}, 3^{16}, 6\})$	43690
6	$\mathcal{O}(0; \{2^{17}, 3^{19}, 6\})$	349526
6	$\mathcal{O}(0; \{2^{13}, 3^{22}, 6\})$	2796202
6	$\mathcal{O}(0; \{2^9, 3^{25}, 6\})$	22369622
6	$\mathcal{O}(0; \{2^5, 3^{28}, 6\})$	178956970
6	$\mathcal{O}(0; \{2, 3^{31}, 6\})$	1431655766
6	$\mathcal{O}(0; \{2^{38}, 3^2, 6^2\})$	6
6	$\mathcal{O}(0; \{2^{34}, 3^5, 6^2\})$	42
6	$\mathcal{O}(0; \{2^{30}, 3^8, 6^2\})$	342
6	$\mathcal{O}(0; \{2^{26}, 3^{11}, 6^2\})$	2730

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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	$\mathcal{O}(0; \{2^{22}, 3^{14}, 6^2\})$	21846
6	$\mathcal{O}(0; \{2^{18}, 3^{17}, 6^2\})$	174762
6	$\mathcal{O}(0; \{2^{14}, 3^{20}, 6^2\})$	1398102
6	$\mathcal{O}(0; \{2^{10}, 3^{23}, 6^2\})$	11184810
6	$\mathcal{O}(0; \{2^6, 3^{26}, 6^2\})$	89478486
6	$\mathcal{O}(0; \{2^2, 3^{29}, 6^2\})$	715827882
6	$\mathcal{O}(0; \{2^{39}, 6^3\})$	2
6	$\mathcal{O}(0; \{2^{35}, 3^3, 6^3\})$	22
6	$\mathcal{O}(0; \{2^{31}, 3^6, 6^3\})$	170
6	$\mathcal{O}(0; \{2^{27}, 3^9, 6^3\})$	1366
6	$\mathcal{O}(0; \{2^{23}, 3^{12}, 6^3\})$	10922
6	$\mathcal{O}(0; \{2^{19}, 3^{15}, 6^3\})$	87382
6	$\mathcal{O}(0; \{2^{15}, 3^{18}, 6^3\})$	699050
6	$\mathcal{O}(0; \{2^{11}, 3^{21}, 6^3\})$	5592406
6	$\mathcal{O}(0; \{2^7, 3^{24}, 6^3\})$	44739242
6	$\mathcal{O}(0; \{2^3, 3^{27}, 6^3\})$	357913942
6	$\mathcal{O}(0; \{2^{36}, 3, 6^4\})$	10
6	$\mathcal{O}(0; \{2^{32}, 3^4, 6^4\})$	86
6	$\mathcal{O}(0; \{2^{28}, 3^7, 6^4\})$	682
6	$\mathcal{O}(0; \{2^{24}, 3^{10}, 6^4\})$	5462
6	$\mathcal{O}(0; \{2^{20}, 3^{13}, 6^4\})$	43690
6	$\mathcal{O}(0; \{2^{16}, 3^{16}, 6^4\})$	349526
6	$\mathcal{O}(0; \{2^{12}, 3^{19}, 6^4\})$	2796202
6	$\mathcal{O}(0; \{2^8, 3^{22}, 6^4\})$	22369622
6	$\mathcal{O}(0; \{2^4, 3^{25}, 6^4\})$	178956970
6	$\mathcal{O}(0; \{3^{28}, 6^4\})$	1431655766
6	$\mathcal{O}(0; \{2^{33}, 3^2, 6^5\})$	42
6	$\mathcal{O}(0; \{2^{29}, 3^5, 6^5\})$	342
6	$\mathcal{O}(0; \{2^{25}, 3^8, 6^5\})$	2730
6	$\mathcal{O}(0; \{2^{21}, 3^{11}, 6^5\})$	21846
6	$\mathcal{O}(0; \{2^{17}, 3^{14}, 6^5\})$	174762
6	$\mathcal{O}(0; \{2^{13}, 3^{17}, 6^5\})$	1398102
6	$\mathcal{O}(0; \{2^9, 3^{20}, 6^5\})$	11184810
6	$\mathcal{O}(0; \{2^5, 3^{23}, 6^5\})$	89478486
6	$\mathcal{O}(0; \{2, 3^{26}, 6^5\})$	715827882
6	$\mathcal{O}(0; \{2^{34}, 6^6\})$	22
6	$\mathcal{O}(0; \{2^{30}, 3^3, 6^6\})$	170
6	$\mathcal{O}(0; \{2^{26}, 3^6, 6^6\})$	1366
6	$\mathcal{O}(0; \{2^{22}, 3^9, 6^6\})$	10922
6	$\mathcal{O}(0; \{2^{18}, 3^{12}, 6^6\})$	87382
6	$\mathcal{O}(0; \{2^{14}, 3^{15}, 6^6\})$	699050
6	$\mathcal{O}(0; \{2^{10}, 3^{18}, 6^6\})$	5592406
6	$\mathcal{O}(0; \{2^6, 3^{21}, 6^6\})$	44739242

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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	$\mathcal{O}(0; \{2^2, 3^{24}, 6^6\})$	357913942
6	$\mathcal{O}(0; \{2^{31}, 3, 6^7\})$	86
6	$\mathcal{O}(0; \{2^{27}, 3^4, 6^7\})$	682
6	$\mathcal{O}(0; \{2^{23}, 3^7, 6^7\})$	5462
6	$\mathcal{O}(0; \{2^{19}, 3^{10}, 6^7\})$	43690
6	$\mathcal{O}(0; \{2^{15}, 3^{13}, 6^7\})$	349526
6	$\mathcal{O}(0; \{2^{11}, 3^{16}, 6^7\})$	2796202
6	$\mathcal{O}(0; \{2^7, 3^{19}, 6^7\})$	22369622
6	$\mathcal{O}(0; \{2^3, 3^{22}, 6^7\})$	178956970
6	$\mathcal{O}(0; \{2^{28}, 3^2, 6^8\})$	342
6	$\mathcal{O}(0; \{2^{24}, 3^5, 6^8\})$	2730
6	$\mathcal{O}(0; \{2^{20}, 3^8, 6^8\})$	21846
6	$\mathcal{O}(0; \{2^{16}, 3^{11}, 6^8\})$	174762
6	$\mathcal{O}(0; \{2^{12}, 3^{14}, 6^8\})$	1398102
6	$\mathcal{O}(0; \{2^8, 3^{17}, 6^8\})$	11184810
6	$\mathcal{O}(0; \{2^4, 3^{20}, 6^8\})$	89478486
6	$\mathcal{O}(0; \{3^{23}, 6^8\})$	715827882
6	$\mathcal{O}(0; \{2^{29}, 6^9\})$	170
6	$\mathcal{O}(0; \{2^{25}, 3^3, 6^9\})$	1366
6	$\mathcal{O}(0; \{2^{21}, 3^6, 6^9\})$	10922
6	$\mathcal{O}(0; \{2^{17}, 3^9, 6^9\})$	87382
6	$\mathcal{O}(0; \{2^{13}, 3^{12}, 6^9\})$	699050
6	$\mathcal{O}(0; \{2^9, 3^{15}, 6^9\})$	5592406
6	$\mathcal{O}(0; \{2^5, 3^{18}, 6^9\})$	44739242
6	$\mathcal{O}(0; \{2, 3^{21}, 6^9\})$	357913942
6	$\mathcal{O}(0; \{2^{26}, 3, 6^{10}\})$	682
6	$\mathcal{O}(0; \{2^{22}, 3^4, 6^{10}\})$	5462
6	$\mathcal{O}(0; \{2^{18}, 3^7, 6^{10}\})$	43690
6	$\mathcal{O}(0; \{2^{14}, 3^{10}, 6^{10}\})$	349526
6	$\mathcal{O}(0; \{2^{10}, 3^{13}, 6^{10}\})$	2796202
6	$\mathcal{O}(0; \{2^6, 3^{16}, 6^{10}\})$	22369622
6	$\mathcal{O}(0; \{2^2, 3^{19}, 6^{10}\})$	178956970
6	$\mathcal{O}(0; \{2^{23}, 3^2, 6^{11}\})$	2730
6	$\mathcal{O}(0; \{2^{19}, 3^5, 6^{11}\})$	21846
6	$\mathcal{O}(0; \{2^{15}, 3^8, 6^{11}\})$	174762
6	$\mathcal{O}(0; \{2^{11}, 3^{11}, 6^{11}\})$	1398102
6	$\mathcal{O}(0; \{2^7, 3^{14}, 6^{11}\})$	11184810
6	$\mathcal{O}(0; \{2^3, 3^{17}, 6^{11}\})$	89478486
6	$\mathcal{O}(0; \{2^{24}, 6^{12}\})$	1366
6	$\mathcal{O}(0; \{2^{20}, 3^3, 6^{12}\})$	10922
6	$\mathcal{O}(0; \{2^{16}, 3^6, 6^{12}\})$	87382
6	$\mathcal{O}(0; \{2^{12}, 3^9, 6^{12}\})$	699050
6	$\mathcal{O}(0; \{2^8, 3^{12}, 6^{12}\})$	5592406

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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	$\mathcal{O}(0; \{2^4, 3^{15}, 6^{12}\})$	44739242
6	$\mathcal{O}(0; \{3^{18}, 6^{12}\})$	357913942
6	$\mathcal{O}(0; \{2^{21}, 3, 6^{13}\})$	5462
6	$\mathcal{O}(0; \{2^{17}, 3^4, 6^{13}\})$	43690
6	$\mathcal{O}(0; \{2^{13}, 3^7, 6^{13}\})$	349526
6	$\mathcal{O}(0; \{2^9, 3^{10}, 6^{13}\})$	2796202
6	$\mathcal{O}(0; \{2^5, 3^{13}, 6^{13}\})$	22369622
6	$\mathcal{O}(0; \{2, 3^{16}, 6^{13}\})$	178956970
6	$\mathcal{O}(0; \{2^{18}, 3^2, 6^{14}\})$	21846
6	$\mathcal{O}(0; \{2^{14}, 3^5, 6^{14}\})$	174762
6	$\mathcal{O}(0; \{2^{10}, 3^8, 6^{14}\})$	1398102
6	$\mathcal{O}(0; \{2^6, 3^{11}, 6^{14}\})$	11184810
6	$\mathcal{O}(0; \{2^2, 3^{14}, 6^{14}\})$	89478486
6	$\mathcal{O}(0; \{2^{19}, 6^{15}\})$	10922
6	$\mathcal{O}(0; \{2^{15}, 3^3, 6^{15}\})$	87382
6	$\mathcal{O}(0; \{2^{11}, 3^6, 6^{15}\})$	699050
6	$\mathcal{O}(0; \{2^7, 3^9, 6^{15}\})$	5592406
6	$\mathcal{O}(0; \{2^3, 3^{12}, 6^{15}\})$	44739242
6	$\mathcal{O}(0; \{2^{16}, 3, 6^{16}\})$	43690
6	$\mathcal{O}(0; \{2^{12}, 3^4, 6^{16}\})$	349526
6	$\mathcal{O}(0; \{2^8, 3^7, 6^{16}\})$	2796202
6	$\mathcal{O}(0; \{2^4, 3^{10}, 6^{16}\})$	22369622
6	$\mathcal{O}(0; \{3^{13}, 6^{16}\})$	178956970
6	$\mathcal{O}(0; \{2^{13}, 3^2, 6^{17}\})$	174762
6	$\mathcal{O}(0; \{2^9, 3^5, 6^{17}\})$	1398102
6	$\mathcal{O}(0; \{2^5, 3^8, 6^{17}\})$	11184810
6	$\mathcal{O}(0; \{2, 3^{11}, 6^{17}\})$	89478486
6	$\mathcal{O}(0; \{2^{14}, 6^{18}\})$	87382
6	$\mathcal{O}(0; \{2^{10}, 3^3, 6^{18}\})$	699050
6	$\mathcal{O}(0; \{2^6, 3^6, 6^{18}\})$	5592406
6	$\mathcal{O}(0; \{2^2, 3^9, 6^{18}\})$	44739242
6	$\mathcal{O}(0; \{2^{11}, 3, 6^{19}\})$	349526
6	$\mathcal{O}(0; \{2^7, 3^4, 6^{19}\})$	2796202
6	$\mathcal{O}(0; \{2^3, 3^7, 6^{19}\})$	22369622
6	$\mathcal{O}(0; \{2^8, 3^2, 6^{20}\})$	1398102
6	$\mathcal{O}(0; \{2^4, 3^5, 6^{20}\})$	11184810
6	$\mathcal{O}(0; \{3^8, 6^{20}\})$	89478486
6	$\mathcal{O}(0; \{2^9, 6^{21}\})$	699050
6	$\mathcal{O}(0; \{2^5, 3^3, 6^{21}\})$	5592406
6	$\mathcal{O}(0; \{2, 3^6, 6^{21}\})$	44739242
6	$\mathcal{O}(0; \{2^6, 3, 6^{22}\})$	2796202
6	$\mathcal{O}(0; \{2^2, 3^4, 6^{22}\})$	22369622
6	$\mathcal{O}(0; \{2^3, 3^2, 6^{23}\})$	11184810

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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	$\mathcal{O}(0; \{2^4, 6^{24}\})$	5592406
6	$\mathcal{O}(0; \{3^3, 6^{24}\})$	44739242
6	$\mathcal{O}(0; \{2, 3, 6^{25}\})$	22369622
7	$\mathcal{O}(7; \{7^6\})$	4521035003611434
7	$\mathcal{O}(4; \{7^{13}\})$	10756043127077430
7	$\mathcal{O}(1; \{7^{20}\})$	25593109080440874
8	$\mathcal{O}(8; \{2^2\})$	281470681743360
8	$\mathcal{O}(7; \{2^6\})$	4397778075648
8	$\mathcal{O}(7; \{2^3, 4^2\})$	8795556151296
8	$\mathcal{O}(7; \{4^4\})$	35182224605184
8	$\mathcal{O}(7; \{2, 4, 8^2\})$	35184372088832
8	$\mathcal{O}(6; \{2^{10}\})$	68702699520
8	$\mathcal{O}(6; \{2^7, 4^2\})$	137405399040
8	$\mathcal{O}(6; \{2^4, 4^4\})$	549621596160
8	$\mathcal{O}(6; \{2, 4^6\})$	2198486384640
8	$\mathcal{O}(6; \{2^5, 4, 8^2\})$	549755813888
8	$\mathcal{O}(6; \{2^2, 4^3, 8^2\})$	2199023255552
8	$\mathcal{O}(6; \{2^3, 8^4\})$	4398046511104
8	$\mathcal{O}(6; \{4^2, 8^4\})$	17592186044416
8	$\mathcal{O}(5; \{2^{14}\})$	1072693248
8	$\mathcal{O}(5; \{2^{11}, 4^2\})$	2145386496
8	$\mathcal{O}(5; \{2^8, 4^4\})$	8581545984
8	$\mathcal{O}(5; \{2^5, 4^6\})$	34326183936
8	$\mathcal{O}(5; \{2^2, 4^8\})$	137304735744
8	$\mathcal{O}(5; \{2^9, 4, 8^2\})$	8589934592
8	$\mathcal{O}(5; \{2^6, 4^3, 8^2\})$	34359738368
8	$\mathcal{O}(5; \{2^3, 4^5, 8^2\})$	137438953472
8	$\mathcal{O}(5; \{4^7, 8^2\})$	549755813888
8	$\mathcal{O}(5; \{2^7, 8^4\})$	68719476736
8	$\mathcal{O}(5; \{2^4, 4^2, 8^4\})$	274877906944
8	$\mathcal{O}(5; \{2, 4^4, 8^4\})$	1099511627776
8	$\mathcal{O}(5; \{2^2, 4, 8^6\})$	2199023255552
8	$\mathcal{O}(5; \{8^8\})$	17592186044416
8	$\mathcal{O}(4; \{2^{18}\})$	16711680
8	$\mathcal{O}(4; \{2^{15}, 4^2\})$	33423360
8	$\mathcal{O}(4; \{2^{12}, 4^4\})$	133693440
8	$\mathcal{O}(4; \{2^9, 4^6\})$	534773760
8	$\mathcal{O}(4; \{2^6, 4^8\})$	2139095040
8	$\mathcal{O}(4; \{2^3, 4^{10}\})$	8556380160
8	$\mathcal{O}(4; \{4^{12}\})$	34225520640
8	$\mathcal{O}(4; \{2^{13}, 4, 8^2\})$	134217728
8	$\mathcal{O}(4; \{2^{10}, 4^3, 8^2\})$	536870912
8	$\mathcal{O}(4; \{2^7, 4^5, 8^2\})$	2147483648

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{2^4, 4^7, 8^2\})$	8589934592
8	$\mathcal{O}(4; \{2, 4^9, 8^2\})$	34359738368
8	$\mathcal{O}(4; \{2^{11}, 8^4\})$	1073741824
8	$\mathcal{O}(4; \{2^8, 4^2, 8^4\})$	4294967296
8	$\mathcal{O}(4; \{2^5, 4^4, 8^4\})$	17179869184
8	$\mathcal{O}(4; \{2^2, 4^6, 8^4\})$	68719476736
8	$\mathcal{O}(4; \{2^6, 4, 8^6\})$	34359738368
8	$\mathcal{O}(4; \{2^3, 4^3, 8^6\})$	137438953472
8	$\mathcal{O}(4; \{4^5, 8^6\})$	549755813888
8	$\mathcal{O}(4; \{2^4, 8^8\})$	274877906944
8	$\mathcal{O}(4; \{2, 4^2, 8^8\})$	1099511627776
8	$\mathcal{O}(3; \{2^{22}\})$	258048
8	$\mathcal{O}(3; \{2^{19}, 4^2\})$	516096
8	$\mathcal{O}(3; \{2^{16}, 4^4\})$	2064384
8	$\mathcal{O}(3; \{2^{13}, 4^6\})$	8257536
8	$\mathcal{O}(3; \{2^{10}, 4^8\})$	33030144
8	$\mathcal{O}(3; \{2^7, 4^{10}\})$	132120576
8	$\mathcal{O}(3; \{2^4, 4^{12}\})$	528482304
8	$\mathcal{O}(3; \{2, 4^{14}\})$	2113929216
8	$\mathcal{O}(3; \{2^{17}, 4, 8^2\})$	2097152
8	$\mathcal{O}(3; \{2^{14}, 4^3, 8^2\})$	8388608
8	$\mathcal{O}(3; \{2^{11}, 4^5, 8^2\})$	33554432
8	$\mathcal{O}(3; \{2^8, 4^7, 8^2\})$	134217728
8	$\mathcal{O}(3; \{2^5, 4^9, 8^2\})$	536870912
8	$\mathcal{O}(3; \{2^2, 4^{11}, 8^2\})$	2147483648
8	$\mathcal{O}(3; \{2^{15}, 8^4\})$	16777216
8	$\mathcal{O}(3; \{2^{12}, 4^2, 8^4\})$	67108864
8	$\mathcal{O}(3; \{2^9, 4^4, 8^4\})$	268435456
8	$\mathcal{O}(3; \{2^6, 4^6, 8^4\})$	1073741824
8	$\mathcal{O}(3; \{2^3, 4^8, 8^4\})$	4294967296
8	$\mathcal{O}(3; \{4^{10}, 8^4\})$	17179869184
8	$\mathcal{O}(3; \{2^{10}, 4, 8^6\})$	536870912
8	$\mathcal{O}(3; \{2^7, 4^3, 8^6\})$	2147483648
8	$\mathcal{O}(3; \{2^4, 4^5, 8^6\})$	8589934592
8	$\mathcal{O}(3; \{2, 4^7, 8^6\})$	34359738368
8	$\mathcal{O}(3; \{2^8, 8^8\})$	4294967296
8	$\mathcal{O}(3; \{2^5, 4^2, 8^8\})$	17179869184
8	$\mathcal{O}(3; \{2^2, 4^4, 8^8\})$	68719476736
8	$\mathcal{O}(3; \{2^3, 4, 8^{10}\})$	137438953472
8	$\mathcal{O}(3; \{4^3, 8^{10}\})$	549755813888
8	$\mathcal{O}(3; \{2, 8^{12}\})$	1099511627776
8	$\mathcal{O}(2; \{2^{26}\})$	3840
8	$\mathcal{O}(2; \{2^{23}, 4^2\})$	7680

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^{20}, 4^4\})$	30720
8	$\mathcal{O}(2; \{2^{17}, 4^6\})$	122880
8	$\mathcal{O}(2; \{2^{14}, 4^8\})$	491520
8	$\mathcal{O}(2; \{2^{11}, 4^{10}\})$	1966080
8	$\mathcal{O}(2; \{2^8, 4^{12}\})$	7864320
8	$\mathcal{O}(2; \{2^5, 4^{14}\})$	31457280
8	$\mathcal{O}(2; \{2^2, 4^{16}\})$	125829120
8	$\mathcal{O}(2; \{2^{21}, 4, 8^2\})$	32768
8	$\mathcal{O}(2; \{2^{18}, 4^3, 8^2\})$	131072
8	$\mathcal{O}(2; \{2^{15}, 4^5, 8^2\})$	524288
8	$\mathcal{O}(2; \{2^{12}, 4^7, 8^2\})$	2097152
8	$\mathcal{O}(2; \{2^9, 4^9, 8^2\})$	8388608
8	$\mathcal{O}(2; \{2^6, 4^{11}, 8^2\})$	33554432
8	$\mathcal{O}(2; \{2^3, 4^{13}, 8^2\})$	134217728
8	$\mathcal{O}(2; \{4^{15}, 8^2\})$	536870912
8	$\mathcal{O}(2; \{2^{19}, 8^4\})$	262144
8	$\mathcal{O}(2; \{2^{16}, 4^2, 8^4\})$	1048576
8	$\mathcal{O}(2; \{2^{13}, 4^4, 8^4\})$	4194304
8	$\mathcal{O}(2; \{2^{10}, 4^6, 8^4\})$	16777216
8	$\mathcal{O}(2; \{2^7, 4^8, 8^4\})$	67108864
8	$\mathcal{O}(2; \{2^4, 4^{10}, 8^4\})$	268435456
8	$\mathcal{O}(2; \{2, 4^{12}, 8^4\})$	1073741824
8	$\mathcal{O}(2; \{2^{14}, 4, 8^6\})$	8388608
8	$\mathcal{O}(2; \{2^{11}, 4^3, 8^6\})$	33554432
8	$\mathcal{O}(2; \{2^8, 4^5, 8^6\})$	134217728
8	$\mathcal{O}(2; \{2^5, 4^7, 8^6\})$	536870912
8	$\mathcal{O}(2; \{2^2, 4^9, 8^6\})$	2147483648
8	$\mathcal{O}(2; \{2^{12}, 8^8\})$	67108864
8	$\mathcal{O}(2; \{2^9, 4^2, 8^8\})$	268435456
8	$\mathcal{O}(2; \{2^6, 4^4, 8^8\})$	1073741824
8	$\mathcal{O}(2; \{2^3, 4^6, 8^8\})$	4294967296
8	$\mathcal{O}(2; \{4^8, 8^8\})$	17179869184
8	$\mathcal{O}(2; \{2^7, 4, 8^{10}\})$	2147483648
8	$\mathcal{O}(2; \{2^4, 4^3, 8^{10}\})$	8589934592
8	$\mathcal{O}(2; \{2, 4^5, 8^{10}\})$	34359738368
8	$\mathcal{O}(2; \{2^5, 8^{12}\})$	17179869184
8	$\mathcal{O}(2; \{2^2, 4^2, 8^{12}\})$	68719476736
8	$\mathcal{O}(2; \{4, 8^{14}\})$	549755813888
8	$\mathcal{O}(1; \{2^{30}\})$	48
8	$\mathcal{O}(1; \{2^{27}, 4^2\})$	96
8	$\mathcal{O}(1; \{2^{24}, 4^4\})$	384
8	$\mathcal{O}(1; \{2^{21}, 4^6\})$	1536
8	$\mathcal{O}(1; \{2^{18}, 4^8\})$	6144

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

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{4^6, 8^{12}\})$	17179869184
8	$\mathcal{O}(1; \{2^4, 4, 8^{14}\})$	8589934592
8	$\mathcal{O}(1; \{2, 4^3, 8^{14}\})$	34359738368
8	$\mathcal{O}(1; \{2^2, 8^{16}\})$	68719476736
8	$\mathcal{O}(0; \{2^{29}, 4, 8^2\})$	8
8	$\mathcal{O}(0; \{2^{26}, 4^3, 8^2\})$	32
8	$\mathcal{O}(0; \{2^{23}, 4^5, 8^2\})$	128
8	$\mathcal{O}(0; \{2^{20}, 4^7, 8^2\})$	512
8	$\mathcal{O}(0; \{2^{17}, 4^9, 8^2\})$	2048
8	$\mathcal{O}(0; \{2^{14}, 4^{11}, 8^2\})$	8192
8	$\mathcal{O}(0; \{2^{11}, 4^{13}, 8^2\})$	32768
8	$\mathcal{O}(0; \{2^8, 4^{15}, 8^2\})$	131072
8	$\mathcal{O}(0; \{2^5, 4^{17}, 8^2\})$	524288
8	$\mathcal{O}(0; \{2^2, 4^{19}, 8^2\})$	2097152
8	$\mathcal{O}(0; \{2^{27}, 8^4\})$	64
8	$\mathcal{O}(0; \{2^{24}, 4^2, 8^4\})$	256
8	$\mathcal{O}(0; \{2^{21}, 4^4, 8^4\})$	1024
8	$\mathcal{O}(0; \{2^{18}, 4^6, 8^4\})$	4096
8	$\mathcal{O}(0; \{2^{15}, 4^8, 8^4\})$	16384
8	$\mathcal{O}(0; \{2^{12}, 4^{10}, 8^4\})$	65536
8	$\mathcal{O}(0; \{2^9, 4^{12}, 8^4\})$	262144
8	$\mathcal{O}(0; \{2^6, 4^{14}, 8^4\})$	1048576
8	$\mathcal{O}(0; \{2^3, 4^{16}, 8^4\})$	4194304
8	$\mathcal{O}(0; \{4^{18}, 8^4\})$	16777216
8	$\mathcal{O}(0; \{2^{22}, 4, 8^6\})$	2048
8	$\mathcal{O}(0; \{2^{19}, 4^3, 8^6\})$	8192
8	$\mathcal{O}(0; \{2^{16}, 4^5, 8^6\})$	32768
8	$\mathcal{O}(0; \{2^{13}, 4^7, 8^6\})$	131072
8	$\mathcal{O}(0; \{2^{10}, 4^9, 8^6\})$	524288
8	$\mathcal{O}(0; \{2^7, 4^{11}, 8^6\})$	2097152
8	$\mathcal{O}(0; \{2^4, 4^{13}, 8^6\})$	8388608
8	$\mathcal{O}(0; \{2, 4^{15}, 8^6\})$	33554432
8	$\mathcal{O}(0; \{2^{20}, 8^8\})$	16384
8	$\mathcal{O}(0; \{2^{17}, 4^2, 8^8\})$	65536
8	$\mathcal{O}(0; \{2^{14}, 4^4, 8^8\})$	262144
8	$\mathcal{O}(0; \{2^{11}, 4^6, 8^8\})$	1048576
8	$\mathcal{O}(0; \{2^8, 4^8, 8^8\})$	4194304
8	$\mathcal{O}(0; \{2^5, 4^{10}, 8^8\})$	16777216
8	$\mathcal{O}(0; \{2^2, 4^{12}, 8^8\})$	67108864
8	$\mathcal{O}(0; \{2^{15}, 4, 8^{10}\})$	524288
8	$\mathcal{O}(0; \{2^{12}, 4^3, 8^{10}\})$	2097152
8	$\mathcal{O}(0; \{2^9, 4^5, 8^{10}\})$	8388608
8	$\mathcal{O}(0; \{2^6, 4^7, 8^{10}\})$	33554432

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^3, 4^9, 8^{10}\})$	134217728
8	$\mathcal{O}(0; \{4^{11}, 8^{10}\})$	536870912
8	$\mathcal{O}(0; \{2^{13}, 8^{12}\})$	4194304
8	$\mathcal{O}(0; \{2^{10}, 4^2, 8^{12}\})$	16777216
8	$\mathcal{O}(0; \{2^7, 4^4, 8^{12}\})$	67108864
8	$\mathcal{O}(0; \{2^4, 4^6, 8^{12}\})$	268435456
8	$\mathcal{O}(0; \{2, 4^8, 8^{12}\})$	1073741824
8	$\mathcal{O}(0; \{2^8, 4, 8^{14}\})$	134217728
8	$\mathcal{O}(0; \{2^5, 4^3, 8^{14}\})$	536870912
8	$\mathcal{O}(0; \{2^2, 4^5, 8^{14}\})$	2147483648
8	$\mathcal{O}(0; \{2^6, 8^{16}\})$	1073741824
8	$\mathcal{O}(0; \{2^3, 4^2, 8^{16}\})$	4294967296
8	$\mathcal{O}(0; \{4^4, 8^{16}\})$	17179869184
8	$\mathcal{O}(0; \{2, 4, 8^{18}\})$	34359738368
9	$\mathcal{O}(7; \{3^2\})$	45753575343984
9	$\mathcal{O}(6; \{3^5\})$	2824290050400
9	$\mathcal{O}(6; \{3, 9^3\})$	10167463313316
9	$\mathcal{O}(5; \{3^8\})$	299858380272
9	$\mathcal{O}(5; \{3^4, 9^3\})$	1004193907488
9	$\mathcal{O}(5; \{9^6\})$	18640349407746
9	$\mathcal{O}(4; \{3^{11}\})$	29353389120
9	$\mathcal{O}(4; \{3^7, 9^3\})$	99179645184
9	$\mathcal{O}(4; \{3^3, 9^6\})$	1841022163728
9	$\mathcal{O}(3; \{3^{14}\})$	2898748944
9	$\mathcal{O}(3; \{3^{10}, 9^3\})$	9795520512
9	$\mathcal{O}(3; \{3^6, 9^6\})$	181829349504
9	$\mathcal{O}(3; \{3^2, 9^9\})$	2371013392680
9	$\mathcal{O}(2; \{3^{17}\})$	283111200
9	$\mathcal{O}(2; \{3^{13}, 9^3\})$	967458816
9	$\mathcal{O}(2; \{3^9, 9^6\})$	17958454272
9	$\mathcal{O}(2; \{3^5, 9^9\})$	234174162240
9	$\mathcal{O}(2; \{3, 9^{12}\})$	3175298327844
9	$\mathcal{O}(1; \{3^{20}\})$	25165872
9	$\mathcal{O}(1; \{3^{16}, 9^3\})$	95551488
9	$\mathcal{O}(1; \{3^{12}, 9^6\})$	1773674496
9	$\mathcal{O}(1; \{3^8, 9^9\})$	23128312320
9	$\mathcal{O}(1; \{3^4, 9^{12}\})$	313609711392
9	$\mathcal{O}(1; \{9^{15}\})$	4231406580858
9	$\mathcal{O}(0; \{3^{19}, 9^3\})$	9437184
9	$\mathcal{O}(0; \{3^{15}, 9^6\})$	175177728
9	$\mathcal{O}(0; \{3^{11}, 9^9\})$	2284277760
9	$\mathcal{O}(0; \{3^7, 9^{12}\})$	30973798656
9	$\mathcal{O}(0; \{3^3, 9^{15}\})$	417916699344

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(7; \emptyset)$	99993896467992
10	$\mathcal{O}(6; \{2^4\})$	999999995904
10	$\mathcal{O}(5; \{2^8\})$	9999998976
10	$\mathcal{O}(5; \{5^5\})$	2038007812500
10	$\mathcal{O}(5; \{2^3, 5^2, 10\})$	120000000000
10	$\mathcal{O}(5; \{2, 5, 10^3\})$	520000000000
10	$\mathcal{O}(4; \{2^{12}\})$	99999744
10	$\mathcal{O}(4; \{2^4, 5^5\})$	20400000000
10	$\mathcal{O}(4; \{2^7, 5^2, 10\})$	1200000000
10	$\mathcal{O}(4; \{2^2, 5^4, 10^2\})$	82000000000
10	$\mathcal{O}(4; \{2^5, 5, 10^3\})$	5200000000
10	$\mathcal{O}(4; \{5^3, 10^4\})$	327600000000
10	$\mathcal{O}(4; \{2^3, 10^5\})$	20400000000
10	$\mathcal{O}(3; \{2^{16}\})$	999936
10	$\mathcal{O}(3; \{2^8, 5^5\})$	204000000
10	$\mathcal{O}(3; \{5^{10}\})$	206439187500
10	$\mathcal{O}(3; \{2^{11}, 5^2, 10\})$	12000000
10	$\mathcal{O}(3; \{2^3, 5^7, 10\})$	13108000000
10	$\mathcal{O}(3; \{2^6, 5^4, 10^2\})$	820000000
10	$\mathcal{O}(3; \{2^9, 5, 10^3\})$	52000000
10	$\mathcal{O}(3; \{2, 5^6, 10^3\})$	52428000000
10	$\mathcal{O}(3; \{2^4, 5^3, 10^4\})$	3276000000
10	$\mathcal{O}(3; \{2^7, 10^5\})$	204000000
10	$\mathcal{O}(3; \{2^2, 5^2, 10^6\})$	13108000000
10	$\mathcal{O}(3; \{5, 10^8\})$	52428000000
10	$\mathcal{O}(2; \{2^{20}\})$	9984
10	$\mathcal{O}(2; \{2^{12}, 5^5\})$	2040000
10	$\mathcal{O}(2; \{2^4, 5^{10}\})$	2097160000
10	$\mathcal{O}(2; \{2^{15}, 5^2, 10\})$	120000
10	$\mathcal{O}(2; \{2^7, 5^7, 10\})$	131080000
10	$\mathcal{O}(2; \{2^{10}, 5^4, 10^2\})$	8200000
10	$\mathcal{O}(2; \{2^2, 5^9, 10^2\})$	8388600000
10	$\mathcal{O}(2; \{2^{13}, 5, 10^3\})$	520000
10	$\mathcal{O}(2; \{2^5, 5^6, 10^3\})$	524280000
10	$\mathcal{O}(2; \{2^8, 5^3, 10^4\})$	32760000
10	$\mathcal{O}(2; \{5^8, 10^4\})$	33554440000
10	$\mathcal{O}(2; \{2^{11}, 10^5\})$	2040000
10	$\mathcal{O}(2; \{2^3, 5^5, 10^5\})$	2097160000
10	$\mathcal{O}(2; \{2^6, 5^2, 10^6\})$	131080000
10	$\mathcal{O}(2; \{2, 5^4, 10^7\})$	8388600000
10	$\mathcal{O}(2; \{2^4, 5, 10^8\})$	524280000
10	$\mathcal{O}(2; \{2^2, 10^{10}\})$	2097160000
10	$\mathcal{O}(1; \{2^{24}\})$	96

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{2^{16}, 5^5\})$	20400
10	$\mathcal{O}(1; \{2^8, 5^{10}\})$	20971600
10	$\mathcal{O}(1; \{5^{15}\})$	16106127300
10	$\mathcal{O}(1; \{2^{19}, 5^2, 10\})$	1200
10	$\mathcal{O}(1; \{2^{11}, 5^7, 10\})$	1310800
10	$\mathcal{O}(1; \{2^3, 5^{12}, 10\})$	1342177200
10	$\mathcal{O}(1; \{2^{14}, 5^4, 10^2\})$	82000
10	$\mathcal{O}(1; \{2^6, 5^9, 10^2\})$	83886000
10	$\mathcal{O}(1; \{2^{17}, 5, 10^3\})$	5200
10	$\mathcal{O}(1; \{2^9, 5^6, 10^3\})$	5242800
10	$\mathcal{O}(1; \{2, 5^{11}, 10^3\})$	5368709200
10	$\mathcal{O}(1; \{2^{12}, 5^3, 10^4\})$	327600
10	$\mathcal{O}(1; \{2^4, 5^8, 10^4\})$	335544400
10	$\mathcal{O}(1; \{2^{15}, 10^5\})$	20400
10	$\mathcal{O}(1; \{2^7, 5^5, 10^5\})$	20971600
10	$\mathcal{O}(1; \{2^{10}, 5^2, 10^6\})$	1310800
10	$\mathcal{O}(1; \{2^2, 5^7, 10^6\})$	1342177200
10	$\mathcal{O}(1; \{2^5, 5^4, 10^7\})$	83886000
10	$\mathcal{O}(1; \{2^8, 5, 10^8\})$	5242800
10	$\mathcal{O}(1; \{5^6, 10^8\})$	5368709200
10	$\mathcal{O}(1; \{2^3, 5^3, 10^9\})$	335544400
10	$\mathcal{O}(1; \{2^6, 10^{10}\})$	20971600
10	$\mathcal{O}(1; \{2, 5^2, 10^{11}\})$	1342177200
10	$\mathcal{O}(0; \{2^{20}, 5^5\})$	204
10	$\mathcal{O}(0; \{2^{12}, 5^{10}\})$	209716
10	$\mathcal{O}(0; \{2^4, 5^{15}\})$	214748364
10	$\mathcal{O}(0; \{2^{23}, 5^2, 10\})$	12
10	$\mathcal{O}(0; \{2^{15}, 5^7, 10\})$	13108
10	$\mathcal{O}(0; \{2^7, 5^{12}, 10\})$	13421772
10	$\mathcal{O}(0; \{2^{18}, 5^4, 10^2\})$	820
10	$\mathcal{O}(0; \{2^{10}, 5^9, 10^2\})$	838860
10	$\mathcal{O}(0; \{2^2, 5^{14}, 10^2\})$	858993460
10	$\mathcal{O}(0; \{2^{21}, 5, 10^3\})$	52
10	$\mathcal{O}(0; \{2^{13}, 5^6, 10^3\})$	52428
10	$\mathcal{O}(0; \{2^5, 5^{11}, 10^3\})$	53687092
10	$\mathcal{O}(0; \{2^{16}, 5^3, 10^4\})$	3276
10	$\mathcal{O}(0; \{2^8, 5^8, 10^4\})$	3355444
10	$\mathcal{O}(0; \{5^{13}, 10^4\})$	3435973836
10	$\mathcal{O}(0; \{2^{19}, 10^5\})$	204
10	$\mathcal{O}(0; \{2^{11}, 5^5, 10^5\})$	209716
10	$\mathcal{O}(0; \{2^3, 5^{10}, 10^5\})$	214748364
10	$\mathcal{O}(0; \{2^{14}, 5^2, 10^6\})$	13108
10	$\mathcal{O}(0; \{2^6, 5^7, 10^6\})$	13421772

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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	$\mathcal{O}(0; \{2^9, 5^4, 10^7\})$	838860
10	$\mathcal{O}(0; \{2, 5^9, 10^7\})$	858993460
10	$\mathcal{O}(0; \{2^{12}, 5, 10^8\})$	52428
10	$\mathcal{O}(0; \{2^4, 5^6, 10^8\})$	53687092
10	$\mathcal{O}(0; \{2^7, 5^3, 10^9\})$	3355444
10	$\mathcal{O}(0; \{2^{10}, 10^{10}\})$	209716
10	$\mathcal{O}(0; \{2^2, 5^5, 10^{10}\})$	214748364
10	$\mathcal{O}(0; \{2^5, 5^2, 10^{11}\})$	13421772
10	$\mathcal{O}(0; \{5^4, 10^{12}\})$	858993460
10	$\mathcal{O}(0; \{2^3, 5, 10^{13}\})$	53687092
10	$\mathcal{O}(0; \{2, 10^{15}\})$	214748364
11	$\mathcal{O}(1; \{11^{12}\})$	11000000000110
12	$\mathcal{O}(6; \emptyset)$	8913906892800
12	$\mathcal{O}(5; \{2^4\})$	61855850496
12	$\mathcal{O}(5; \{3^3\})$	123713796096
12	$\mathcal{O}(5; \{2, 4^2\})$	123832631296
12	$\mathcal{O}(5; \{2, 3, 6\})$	123713796096
12	$\mathcal{O}(4; \{2^8\})$	428236800
12	$\mathcal{O}(4; \{2^4, 3^3\})$	856604160
12	$\mathcal{O}(4; \{3^6\})$	9422645760
12	$\mathcal{O}(4; \{2^5, 4^2\})$	859832320
12	$\mathcal{O}(4; \{2, 3^3, 4^2\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 4^4\})$	3439329280
12	$\mathcal{O}(4; \{2^5, 3, 6\})$	856604160
12	$\mathcal{O}(4; \{2, 3^4, 6\})$	4283020800
12	$\mathcal{O}(4; \{2^2, 3, 4^2, 6\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3^2, 6^2\})$	2569812480
12	$\mathcal{O}(4; \{2^3, 6^3\})$	856604160
12	$\mathcal{O}(4; \{4^2, 6^3\})$	1719926784
12	$\mathcal{O}(4; \{3, 6^4\})$	4283020800
12	$\mathcal{O}(4; \{2^2, 3^2, 4, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^3, 4, 6, 12\})$	1719926784
12	$\mathcal{O}(4; \{4^3, 6, 12\})$	6879707136
12	$\mathcal{O}(4; \{3, 4, 6^2, 12\})$	5159780352
12	$\mathcal{O}(4; \{2^3, 3, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{3, 4^2, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{3^2, 6, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{2, 6^2, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{2, 4, 12^3\})$	6879707136
12	$\mathcal{O}(3; \{2^{12}\})$	2935296
12	$\mathcal{O}(3; \{2^8, 3^3\})$	5878656
12	$\mathcal{O}(3; \{2^4, 3^6\})$	64665216
12	$\mathcal{O}(3; \{3^9\})$	499685760

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^9, 4^2\})$	5963776
12	$\mathcal{O}(3; \{2^5, 3^3, 4^2\})$	11943936
12	$\mathcal{O}(3; \{2, 3^6, 4^2\})$	131383296
12	$\mathcal{O}(3; \{2^6, 4^4\})$	23855104
12	$\mathcal{O}(3; \{2^2, 3^3, 4^4\})$	47775744
12	$\mathcal{O}(3; \{2^3, 4^6\})$	95420416
12	$\mathcal{O}(3; \{4^8\})$	381681664
12	$\mathcal{O}(3; \{2^9, 3, 6\})$	5878656
12	$\mathcal{O}(3; \{2^5, 3^4, 6\})$	29393280
12	$\mathcal{O}(3; \{2, 3^7, 6\})$	252782208
12	$\mathcal{O}(3; \{2^6, 3, 4^2, 6\})$	11943936
12	$\mathcal{O}(3; \{2^2, 3^4, 4^2, 6\})$	59719680
12	$\mathcal{O}(3; \{2^3, 3, 4^4, 6\})$	47775744
12	$\mathcal{O}(3; \{3, 4^6, 6\})$	191102976
12	$\mathcal{O}(3; \{2^6, 3^2, 6^2\})$	17635968
12	$\mathcal{O}(3; \{2^2, 3^5, 6^2\})$	123451776
12	$\mathcal{O}(3; \{2^3, 3^2, 4^2, 6^2\})$	35831808
12	$\mathcal{O}(3; \{3^2, 4^4, 6^2\})$	143327232
12	$\mathcal{O}(3; \{2^7, 6^3\})$	5878656
12	$\mathcal{O}(3; \{2^3, 3^3, 6^3\})$	64665216
12	$\mathcal{O}(3; \{2^4, 4^2, 6^3\})$	11943936
12	$\mathcal{O}(3; \{3^3, 4^2, 6^3\})$	131383296
12	$\mathcal{O}(3; \{2, 4^4, 6^3\})$	47775744
12	$\mathcal{O}(3; \{2^4, 3, 6^4\})$	29393280
12	$\mathcal{O}(3; \{3^4, 6^4\})$	252782208
12	$\mathcal{O}(3; \{2, 3, 4^2, 6^4\})$	59719680
12	$\mathcal{O}(3; \{2, 3^2, 6^5\})$	123451776
12	$\mathcal{O}(3; \{2^2, 6^6\})$	64665216
12	$\mathcal{O}(3; \{2^6, 3^2, 4, 12\})$	11943936
12	$\mathcal{O}(3; \{2^2, 3^5, 4, 12\})$	131383296
12	$\mathcal{O}(3; \{2^3, 3^2, 4^3, 12\})$	47775744
12	$\mathcal{O}(3; \{3^2, 4^5, 12\})$	191102976
12	$\mathcal{O}(3; \{2^7, 4, 6, 12\})$	11943936
12	$\mathcal{O}(3; \{2^3, 3^3, 4, 6, 12\})$	59719680
12	$\mathcal{O}(3; \{2^4, 4^3, 6, 12\})$	47775744
12	$\mathcal{O}(3; \{3^3, 4^3, 6, 12\})$	238878720
12	$\mathcal{O}(3; \{2, 4^5, 6, 12\})$	191102976
12	$\mathcal{O}(3; \{2^4, 3, 4, 6^2, 12\})$	35831808
12	$\mathcal{O}(3; \{3^4, 4, 6^2, 12\})$	250822656
12	$\mathcal{O}(3; \{2, 3, 4^3, 6^2, 12\})$	143327232
12	$\mathcal{O}(3; \{2, 3^2, 4, 6^3, 12\})$	131383296
12	$\mathcal{O}(3; \{2^2, 4, 6^4, 12\})$	59719680
12	$\mathcal{O}(3; \{2^7, 3, 12^2\})$	11943936

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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	$\mathcal{O}(3; \{2^3, 3^4, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2^4, 3, 4^2, 12^2\})$	47775744
12	$\mathcal{O}(3; \{3^4, 4^2, 12^2\})$	525533184
12	$\mathcal{O}(3; \{2, 3, 4^4, 12^2\})$	191102976
12	$\mathcal{O}(3; \{2^4, 3^2, 6, 12^2\})$	59719680
12	$\mathcal{O}(3; \{3^5, 6, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2, 3^2, 4^2, 6, 12^2\})$	238878720
12	$\mathcal{O}(3; \{2^5, 6^2, 12^2\})$	35831808
12	$\mathcal{O}(3; \{2, 3^3, 6^2, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2^2, 4^2, 6^2, 12^2\})$	143327232
12	$\mathcal{O}(3; \{2^2, 3, 6^3, 12^2\})$	131383296
12	$\mathcal{O}(3; \{6^5, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2^5, 4, 12^3\})$	47775744
12	$\mathcal{O}(3; \{2, 3^3, 4, 12^3\})$	525533184
12	$\mathcal{O}(3; \{2^2, 4^3, 12^3\})$	191102976
12	$\mathcal{O}(3; \{2^2, 3, 4, 6, 12^3\})$	238878720
12	$\mathcal{O}(3; \{4, 6^3, 12^3\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3^2, 12^4\})$	525533184
12	$\mathcal{O}(3; \{2^3, 6, 12^4\})$	238878720
12	$\mathcal{O}(3; \{4^2, 6, 12^4\})$	955514880
12	$\mathcal{O}(3; \{3, 6^2, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{3, 4, 12^5\})$	2102132736
12	$\mathcal{O}(3; \{2, 12^6\})$	2102132736
12	$\mathcal{O}(2; \{2^{16}\})$	19200
12	$\mathcal{O}(2; \{2^{12}, 3^3\})$	38880
12	$\mathcal{O}(2; \{2^8, 3^6\})$	427680
12	$\mathcal{O}(2; \{2^4, 3^9\})$	3304800
12	$\mathcal{O}(2; \{3^{12}\})$	26555040
12	$\mathcal{O}(2; \{2^{13}, 4^2\})$	40960
12	$\mathcal{O}(2; \{2^9, 3^3, 4^2\})$	82944
12	$\mathcal{O}(2; \{2^5, 3^6, 4^2\})$	912384
12	$\mathcal{O}(2; \{2, 3^9, 4^2\})$	7050240
12	$\mathcal{O}(2; \{2^{10}, 4^4\})$	163840
12	$\mathcal{O}(2; \{2^6, 3^3, 4^4\})$	331776
12	$\mathcal{O}(2; \{2^2, 3^6, 4^4\})$	3649536
12	$\mathcal{O}(2; \{2^7, 4^6\})$	655360
12	$\mathcal{O}(2; \{2^3, 3^3, 4^6\})$	1327104
12	$\mathcal{O}(2; \{2^4, 4^8\})$	2621440
12	$\mathcal{O}(2; \{3^3, 4^8\})$	5308416
12	$\mathcal{O}(2; \{2, 4^{10}\})$	10485760
12	$\mathcal{O}(2; \{2^{13}, 3, 6\})$	38880
12	$\mathcal{O}(2; \{2^9, 3^4, 6\})$	194400
12	$\mathcal{O}(2; \{2^5, 3^7, 6\})$	1671840

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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	$\mathcal{O}(2; \{2, 3^{10}, 6\})$	13258080
12	$\mathcal{O}(2; \{2^{10}, 3, 4^2, 6\})$	82944
12	$\mathcal{O}(2; \{2^6, 3^4, 4^2, 6\})$	414720
12	$\mathcal{O}(2; \{2^2, 3^7, 4^2, 6\})$	3566592
12	$\mathcal{O}(2; \{2^7, 3, 4^4, 6\})$	331776
12	$\mathcal{O}(2; \{2^3, 3^4, 4^4, 6\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3, 4^6, 6\})$	1327104
12	$\mathcal{O}(2; \{3^4, 4^6, 6\})$	6635520
12	$\mathcal{O}(2; \{2, 3, 4^8, 6\})$	5308416
12	$\mathcal{O}(2; \{2^{10}, 3^2, 6^2\})$	116640
12	$\mathcal{O}(2; \{2^6, 3^5, 6^2\})$	816480
12	$\mathcal{O}(2; \{2^2, 3^8, 6^2\})$	6648480
12	$\mathcal{O}(2; \{2^7, 3^2, 4^2, 6^2\})$	248832
12	$\mathcal{O}(2; \{2^3, 3^5, 4^2, 6^2\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^2, 4^4, 6^2\})$	995328
12	$\mathcal{O}(2; \{3^5, 4^4, 6^2\})$	6967296
12	$\mathcal{O}(2; \{2, 3^2, 4^6, 6^2\})$	3981312
12	$\mathcal{O}(2; \{2^{11}, 6^3\})$	38880
12	$\mathcal{O}(2; \{2^7, 3^3, 6^3\})$	427680
12	$\mathcal{O}(2; \{2^3, 3^6, 6^3\})$	3304800
12	$\mathcal{O}(2; \{2^8, 4^2, 6^3\})$	82944
12	$\mathcal{O}(2; \{2^4, 3^3, 4^2, 6^3\})$	912384
12	$\mathcal{O}(2; \{3^6, 4^2, 6^3\})$	7050240
12	$\mathcal{O}(2; \{2^5, 4^4, 6^3\})$	331776
12	$\mathcal{O}(2; \{2, 3^3, 4^4, 6^3\})$	3649536
12	$\mathcal{O}(2; \{2^2, 4^6, 6^3\})$	1327104
12	$\mathcal{O}(2; \{2^8, 3, 6^4\})$	194400
12	$\mathcal{O}(2; \{2^4, 3^4, 6^4\})$	1671840
12	$\mathcal{O}(2; \{3^7, 6^4\})$	13258080
12	$\mathcal{O}(2; \{2^5, 3, 4^2, 6^4\})$	414720
12	$\mathcal{O}(2; \{2, 3^4, 4^2, 6^4\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3, 4^4, 6^4\})$	1658880
12	$\mathcal{O}(2; \{2^5, 3^2, 6^5\})$	816480
12	$\mathcal{O}(2; \{2, 3^5, 6^5\})$	6648480
12	$\mathcal{O}(2; \{2^2, 3^2, 4^2, 6^5\})$	1741824
12	$\mathcal{O}(2; \{2^6, 6^6\})$	427680
12	$\mathcal{O}(2; \{2^2, 3^3, 6^6\})$	3304800
12	$\mathcal{O}(2; \{2^3, 4^2, 6^6\})$	912384
12	$\mathcal{O}(2; \{4^4, 6^6\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3, 6^7\})$	1671840
12	$\mathcal{O}(2; \{3, 4^2, 6^7\})$	3566592
12	$\mathcal{O}(2; \{3^2, 6^8\})$	6648480
12	$\mathcal{O}(2; \{2, 6^9\})$	3304800

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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	$\mathcal{O}(2; \{2^{10}, 3^2, 4, 12\})$	82944
12	$\mathcal{O}(2; \{2^6, 3^5, 4, 12\})$	912384
12	$\mathcal{O}(2; \{2^2, 3^8, 4, 12\})$	7050240
12	$\mathcal{O}(2; \{2^7, 3^2, 4^3, 12\})$	331776
12	$\mathcal{O}(2; \{2^3, 3^5, 4^3, 12\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^2, 4^5, 12\})$	1327104
12	$\mathcal{O}(2; \{3^5, 4^5, 12\})$	14598144
12	$\mathcal{O}(2; \{2, 3^2, 4^7, 12\})$	5308416
12	$\mathcal{O}(2; \{2^{11}, 4, 6, 12\})$	82944
12	$\mathcal{O}(2; \{2^7, 3^3, 4, 6, 12\})$	414720
12	$\mathcal{O}(2; \{2^3, 3^6, 4, 6, 12\})$	3566592
12	$\mathcal{O}(2; \{2^8, 4^3, 6, 12\})$	331776
12	$\mathcal{O}(2; \{2^4, 3^3, 4^3, 6, 12\})$	1658880
12	$\mathcal{O}(2; \{3^6, 4^3, 6, 12\})$	14266368
12	$\mathcal{O}(2; \{2^5, 4^5, 6, 12\})$	1327104
12	$\mathcal{O}(2; \{2, 3^3, 4^5, 6, 12\})$	6635520
12	$\mathcal{O}(2; \{2^2, 4^7, 6, 12\})$	5308416
12	$\mathcal{O}(2; \{2^8, 3, 4, 6^2, 12\})$	248832
12	$\mathcal{O}(2; \{2^4, 3^4, 4, 6^2, 12\})$	1741824
12	$\mathcal{O}(2; \{3^7, 4, 6^2, 12\})$	14183424
12	$\mathcal{O}(2; \{2^5, 3, 4^3, 6^2, 12\})$	995328
12	$\mathcal{O}(2; \{2, 3^4, 4^3, 6^2, 12\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3, 4^5, 6^2, 12\})$	3981312
12	$\mathcal{O}(2; \{2^5, 3^2, 4, 6^3, 12\})$	912384
12	$\mathcal{O}(2; \{2, 3^5, 4, 6^3, 12\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^2, 4^3, 6^3, 12\})$	3649536
12	$\mathcal{O}(2; \{2^6, 4, 6^4, 12\})$	414720
12	$\mathcal{O}(2; \{2^2, 3^3, 4, 6^4, 12\})$	3566592
12	$\mathcal{O}(2; \{2^3, 4^3, 6^4, 12\})$	1658880
12	$\mathcal{O}(2; \{4^5, 6^4, 12\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3, 4, 6^5, 12\})$	1741824
12	$\mathcal{O}(2; \{3, 4^3, 6^5, 12\})$	6967296
12	$\mathcal{O}(2; \{3^2, 4, 6^6, 12\})$	7050240
12	$\mathcal{O}(2; \{2, 4, 6^7, 12\})$	3566592
12	$\mathcal{O}(2; \{2^{11}, 3, 12^2\})$	82944
12	$\mathcal{O}(2; \{2^7, 3^4, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^3, 3^7, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^8, 3, 4^2, 12^2\})$	331776
12	$\mathcal{O}(2; \{2^4, 3^4, 4^2, 12^2\})$	3649536
12	$\mathcal{O}(2; \{3^7, 4^2, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^5, 3, 4^4, 12^2\})$	1327104
12	$\mathcal{O}(2; \{2, 3^4, 4^4, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3, 4^6, 12^2\})$	5308416

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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	$\mathcal{O}(2; \{2^8, 3^2, 6, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^4, 3^5, 6, 12^2\})$	3566592
12	$\mathcal{O}(2; \{3^8, 6, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^5, 3^2, 4^2, 6, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2, 3^5, 4^2, 6, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^2, 4^4, 6, 12^2\})$	6635520
12	$\mathcal{O}(2; \{2^9, 6^2, 12^2\})$	248832
12	$\mathcal{O}(2; \{2^5, 3^3, 6^2, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2, 3^6, 6^2, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^6, 4^2, 6^2, 12^2\})$	995328
12	$\mathcal{O}(2; \{2^2, 3^3, 4^2, 6^2, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^3, 4^4, 6^2, 12^2\})$	3981312
12	$\mathcal{O}(2; \{4^6, 6^2, 12^2\})$	15925248
12	$\mathcal{O}(2; \{2^6, 3, 6^3, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^2, 3^4, 6^3, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3, 4^2, 6^3, 12^2\})$	3649536
12	$\mathcal{O}(2; \{3, 4^4, 6^3, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3^2, 6^4, 12^2\})$	3566592
12	$\mathcal{O}(2; \{3^2, 4^2, 6^4, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^4, 6^5, 12^2\})$	1741824
12	$\mathcal{O}(2; \{3^3, 6^5, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2, 4^2, 6^5, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2, 3, 6^6, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^9, 4, 12^3\})$	331776
12	$\mathcal{O}(2; \{2^5, 3^3, 4, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2, 3^6, 4, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2^6, 4^3, 12^3\})$	1327104
12	$\mathcal{O}(2; \{2^2, 3^3, 4^3, 12^3\})$	14598144
12	$\mathcal{O}(2; \{2^3, 4^5, 12^3\})$	5308416
12	$\mathcal{O}(2; \{4^7, 12^3\})$	21233664
12	$\mathcal{O}(2; \{2^6, 3, 4, 6, 12^3\})$	1658880
12	$\mathcal{O}(2; \{2^2, 3^4, 4, 6, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3, 4^3, 6, 12^3\})$	6635520
12	$\mathcal{O}(2; \{3, 4^5, 6, 12^3\})$	26542080
12	$\mathcal{O}(2; \{2^3, 3^2, 4, 6^2, 12^3\})$	6967296
12	$\mathcal{O}(2; \{3^2, 4^3, 6^2, 12^3\})$	27869184
12	$\mathcal{O}(2; \{2^4, 4, 6^3, 12^3\})$	3649536
12	$\mathcal{O}(2; \{3^3, 4, 6^3, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2, 4^3, 6^3, 12^3\})$	14598144
12	$\mathcal{O}(2; \{2, 3, 4, 6^4, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^6, 3^2, 12^4\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^5, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^3, 3^2, 4^2, 12^4\})$	14598144

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{3^2, 4^4, 12^4\})$	58392576
12	$\mathcal{O}(2; \{2^7, 6, 12^4\})$	1658880
12	$\mathcal{O}(2; \{2^3, 3^3, 6, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^4, 4^2, 6, 12^4\})$	6635520
12	$\mathcal{O}(2; \{3^3, 4^2, 6, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2, 4^4, 6, 12^4\})$	26542080
12	$\mathcal{O}(2; \{2^4, 3, 6^2, 12^4\})$	6967296
12	$\mathcal{O}(2; \{3^4, 6^2, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2, 3, 4^2, 6^2, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2, 3^2, 6^3, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^2, 6^4, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^4, 3, 4, 12^5\})$	14598144
12	$\mathcal{O}(2; \{3^4, 4, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2, 3, 4^3, 12^5\})$	58392576
12	$\mathcal{O}(2; \{2, 3^2, 4, 6, 12^5\})$	57065472
12	$\mathcal{O}(2; \{2^2, 4, 6^2, 12^5\})$	27869184
12	$\mathcal{O}(2; \{2^5, 12^6\})$	14598144
12	$\mathcal{O}(2; \{2, 3^3, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2^2, 4^2, 12^6\})$	58392576
12	$\mathcal{O}(2; \{2^2, 3, 6, 12^6\})$	57065472
12	$\mathcal{O}(2; \{6^3, 12^6\})$	112803840
12	$\mathcal{O}(2; \{4, 6, 12^7\})$	228261888
12	$\mathcal{O}(2; \{3, 12^8\})$	451215360
12	$\mathcal{O}(1; \{2^{20}\})$	96
12	$\mathcal{O}(1; \{2^{16}, 3^3\})$	216
12	$\mathcal{O}(1; \{2^{12}, 3^6\})$	2376
12	$\mathcal{O}(1; \{2^8, 3^9\})$	18360
12	$\mathcal{O}(1; \{2^4, 3^{12}\})$	147528
12	$\mathcal{O}(1; \{3^{15}\})$	1179576
12	$\mathcal{O}(1; \{2^{17}, 4^2\})$	256
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4^2\})$	576
12	$\mathcal{O}(1; \{2^9, 3^6, 4^2\})$	6336
12	$\mathcal{O}(1; \{2^5, 3^9, 4^2\})$	48960
12	$\mathcal{O}(1; \{2, 3^{12}, 4^2\})$	393408
12	$\mathcal{O}(1; \{2^{14}, 4^4\})$	1024
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^4\})$	2304
12	$\mathcal{O}(1; \{2^6, 3^6, 4^4\})$	25344
12	$\mathcal{O}(1; \{2^2, 3^9, 4^4\})$	195840
12	$\mathcal{O}(1; \{2^{11}, 4^6\})$	4096
12	$\mathcal{O}(1; \{2^7, 3^3, 4^6\})$	9216
12	$\mathcal{O}(1; \{2^3, 3^6, 4^6\})$	101376
12	$\mathcal{O}(1; \{2^8, 4^8\})$	16384
12	$\mathcal{O}(1; \{2^4, 3^3, 4^8\})$	36864

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^6, 4^8\})$	405504
12	$\mathcal{O}(1; \{2^5, 4^{10}\})$	65536
12	$\mathcal{O}(1; \{2, 3^3, 4^{10}\})$	147456
12	$\mathcal{O}(1; \{2^2, 4^{12}\})$	262144
12	$\mathcal{O}(1; \{2^{17}, 3, 6\})$	216
12	$\mathcal{O}(1; \{2^{13}, 3^4, 6\})$	1080
12	$\mathcal{O}(1; \{2^9, 3^7, 6\})$	9288
12	$\mathcal{O}(1; \{2^5, 3^{10}, 6\})$	73656
12	$\mathcal{O}(1; \{2, 3^{13}, 6\})$	589896
12	$\mathcal{O}(1; \{2^{14}, 3, 4^2, 6\})$	576
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^2, 6\})$	2880
12	$\mathcal{O}(1; \{2^6, 3^7, 4^2, 6\})$	24768
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^2, 6\})$	196416
12	$\mathcal{O}(1; \{2^{11}, 3, 4^4, 6\})$	2304
12	$\mathcal{O}(1; \{2^7, 3^4, 4^4, 6\})$	11520
12	$\mathcal{O}(1; \{2^3, 3^7, 4^4, 6\})$	99072
12	$\mathcal{O}(1; \{2^8, 3, 4^6, 6\})$	9216
12	$\mathcal{O}(1; \{2^4, 3^4, 4^6, 6\})$	46080
12	$\mathcal{O}(1; \{3^7, 4^6, 6\})$	396288
12	$\mathcal{O}(1; \{2^5, 3, 4^8, 6\})$	36864
12	$\mathcal{O}(1; \{2, 3^4, 4^8, 6\})$	184320
12	$\mathcal{O}(1; \{2^2, 3, 4^{10}, 6\})$	147456
12	$\mathcal{O}(1; \{2^{14}, 3^2, 6^2\})$	648
12	$\mathcal{O}(1; \{2^{10}, 3^5, 6^2\})$	4536
12	$\mathcal{O}(1; \{2^6, 3^8, 6^2\})$	36936
12	$\mathcal{O}(1; \{2^2, 3^{11}, 6^2\})$	294840
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^2, 6^2\})$	1728
12	$\mathcal{O}(1; \{2^7, 3^5, 4^2, 6^2\})$	12096
12	$\mathcal{O}(1; \{2^3, 3^8, 4^2, 6^2\})$	98496
12	$\mathcal{O}(1; \{2^8, 3^2, 4^4, 6^2\})$	6912
12	$\mathcal{O}(1; \{2^4, 3^5, 4^4, 6^2\})$	48384
12	$\mathcal{O}(1; \{3^8, 4^4, 6^2\})$	393984
12	$\mathcal{O}(1; \{2^5, 3^2, 4^6, 6^2\})$	27648
12	$\mathcal{O}(1; \{2, 3^5, 4^6, 6^2\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^2, 4^8, 6^2\})$	110592
12	$\mathcal{O}(1; \{2^{15}, 6^3\})$	216
12	$\mathcal{O}(1; \{2^{11}, 3^3, 6^3\})$	2376
12	$\mathcal{O}(1; \{2^7, 3^6, 6^3\})$	18360
12	$\mathcal{O}(1; \{2^3, 3^9, 6^3\})$	147528
12	$\mathcal{O}(1; \{2^{12}, 4^2, 6^3\})$	576
12	$\mathcal{O}(1; \{2^8, 3^3, 4^2, 6^3\})$	6336
12	$\mathcal{O}(1; \{2^4, 3^6, 4^2, 6^3\})$	48960
12	$\mathcal{O}(1; \{3^9, 4^2, 6^3\})$	393408

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^9, 4^4, 6^3\})$	2304
12	$\mathcal{O}(1; \{2^5, 3^3, 4^4, 6^3\})$	25344
12	$\mathcal{O}(1; \{2, 3^6, 4^4, 6^3\})$	195840
12	$\mathcal{O}(1; \{2^6, 4^6, 6^3\})$	9216
12	$\mathcal{O}(1; \{2^2, 3^3, 4^6, 6^3\})$	101376
12	$\mathcal{O}(1; \{2^3, 4^8, 6^3\})$	36864
12	$\mathcal{O}(1; \{4^{10}, 6^3\})$	147456
12	$\mathcal{O}(1; \{2^{12}, 3, 6^4\})$	1080
12	$\mathcal{O}(1; \{2^8, 3^4, 6^4\})$	9288
12	$\mathcal{O}(1; \{2^4, 3^7, 6^4\})$	73656
12	$\mathcal{O}(1; \{3^{10}, 6^4\})$	589896
12	$\mathcal{O}(1; \{2^9, 3, 4^2, 6^4\})$	2880
12	$\mathcal{O}(1; \{2^5, 3^4, 4^2, 6^4\})$	24768
12	$\mathcal{O}(1; \{2, 3^7, 4^2, 6^4\})$	196416
12	$\mathcal{O}(1; \{2^6, 3, 4^4, 6^4\})$	11520
12	$\mathcal{O}(1; \{2^2, 3^4, 4^4, 6^4\})$	99072
12	$\mathcal{O}(1; \{2^3, 3, 4^6, 6^4\})$	46080
12	$\mathcal{O}(1; \{3, 4^8, 6^4\})$	184320
12	$\mathcal{O}(1; \{2^9, 3^2, 6^5\})$	4536
12	$\mathcal{O}(1; \{2^5, 3^5, 6^5\})$	36936
12	$\mathcal{O}(1; \{2, 3^8, 6^5\})$	294840
12	$\mathcal{O}(1; \{2^6, 3^2, 4^2, 6^5\})$	12096
12	$\mathcal{O}(1; \{2^2, 3^5, 4^2, 6^5\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^2, 4^4, 6^5\})$	48384
12	$\mathcal{O}(1; \{3^2, 4^6, 6^5\})$	193536
12	$\mathcal{O}(1; \{2^{10}, 6^6\})$	2376
12	$\mathcal{O}(1; \{2^6, 3^3, 6^6\})$	18360
12	$\mathcal{O}(1; \{2^2, 3^6, 6^6\})$	147528
12	$\mathcal{O}(1; \{2^7, 4^2, 6^6\})$	6336
12	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 6^6\})$	48960
12	$\mathcal{O}(1; \{2^4, 4^4, 6^6\})$	25344
12	$\mathcal{O}(1; \{3^3, 4^4, 6^6\})$	195840
12	$\mathcal{O}(1; \{2, 4^6, 6^6\})$	101376
12	$\mathcal{O}(1; \{2^7, 3, 6^7\})$	9288
12	$\mathcal{O}(1; \{2^3, 3^4, 6^7\})$	73656
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 6^7\})$	24768
12	$\mathcal{O}(1; \{3^4, 4^2, 6^7\})$	196416
12	$\mathcal{O}(1; \{2, 3, 4^4, 6^7\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^2, 6^8\})$	36936
12	$\mathcal{O}(1; \{3^5, 6^8\})$	294840
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^8\})$	98496
12	$\mathcal{O}(1; \{2^5, 6^9\})$	18360
12	$\mathcal{O}(1; \{2, 3^3, 6^9\})$	147528

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 4^2, 6^9\})$	48960
12	$\mathcal{O}(1; \{2^2, 3, 6^{10}\})$	73656
12	$\mathcal{O}(1; \{6^{12}\})$	147528
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4, 12\})$	576
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4, 12\})$	6336
12	$\mathcal{O}(1; \{2^6, 3^8, 4, 12\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4, 12\})$	393408
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^3, 12\})$	2304
12	$\mathcal{O}(1; \{2^7, 3^5, 4^3, 12\})$	25344
12	$\mathcal{O}(1; \{2^3, 3^8, 4^3, 12\})$	195840
12	$\mathcal{O}(1; \{2^8, 3^2, 4^5, 12\})$	9216
12	$\mathcal{O}(1; \{2^4, 3^5, 4^5, 12\})$	101376
12	$\mathcal{O}(1; \{3^8, 4^5, 12\})$	783360
12	$\mathcal{O}(1; \{2^5, 3^2, 4^7, 12\})$	36864
12	$\mathcal{O}(1; \{2, 3^5, 4^7, 12\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^2, 4^9, 12\})$	147456
12	$\mathcal{O}(1; \{2^{15}, 4, 6, 12\})$	576
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4, 6, 12\})$	2880
12	$\mathcal{O}(1; \{2^7, 3^6, 4, 6, 12\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^9, 4, 6, 12\})$	196416
12	$\mathcal{O}(1; \{2^{12}, 4^3, 6, 12\})$	2304
12	$\mathcal{O}(1; \{2^8, 3^3, 4^3, 6, 12\})$	11520
12	$\mathcal{O}(1; \{2^4, 3^6, 4^3, 6, 12\})$	99072
12	$\mathcal{O}(1; \{3^9, 4^3, 6, 12\})$	785664
12	$\mathcal{O}(1; \{2^9, 4^5, 6, 12\})$	9216
12	$\mathcal{O}(1; \{2^5, 3^3, 4^5, 6, 12\})$	46080
12	$\mathcal{O}(1; \{2, 3^6, 4^5, 6, 12\})$	396288
12	$\mathcal{O}(1; \{2^6, 4^7, 6, 12\})$	36864
12	$\mathcal{O}(1; \{2^2, 3^3, 4^7, 6, 12\})$	184320
12	$\mathcal{O}(1; \{2^3, 4^9, 6, 12\})$	147456
12	$\mathcal{O}(1; \{4^{11}, 6, 12\})$	589824
12	$\mathcal{O}(1; \{2^{12}, 3, 4, 6^2, 12\})$	1728
12	$\mathcal{O}(1; \{2^8, 3^4, 4, 6^2, 12\})$	12096
12	$\mathcal{O}(1; \{2^4, 3^7, 4, 6^2, 12\})$	98496
12	$\mathcal{O}(1; \{3^{10}, 4, 6^2, 12\})$	786240
12	$\mathcal{O}(1; \{2^9, 3, 4^3, 6^2, 12\})$	6912
12	$\mathcal{O}(1; \{2^5, 3^4, 4^3, 6^2, 12\})$	48384
12	$\mathcal{O}(1; \{2, 3^7, 4^3, 6^2, 12\})$	393984
12	$\mathcal{O}(1; \{2^6, 3, 4^5, 6^2, 12\})$	27648
12	$\mathcal{O}(1; \{2^2, 3^4, 4^5, 6^2, 12\})$	193536
12	$\mathcal{O}(1; \{2^3, 3, 4^7, 6^2, 12\})$	110592
12	$\mathcal{O}(1; \{3, 4^9, 6^2, 12\})$	442368
12	$\mathcal{O}(1; \{2^9, 3^2, 4, 6^3, 12\})$	6336

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^5, 3^5, 4, 6^3, 12\})$	48960
12	$\mathcal{O}(1; \{2, 3^8, 4, 6^3, 12\})$	393408
12	$\mathcal{O}(1; \{2^6, 3^2, 4^3, 6^3, 12\})$	25344
12	$\mathcal{O}(1; \{2^2, 3^5, 4^3, 6^3, 12\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^2, 4^5, 6^3, 12\})$	101376
12	$\mathcal{O}(1; \{3^2, 4^7, 6^3, 12\})$	405504
12	$\mathcal{O}(1; \{2^{10}, 4, 6^4, 12\})$	2880
12	$\mathcal{O}(1; \{2^6, 3^3, 4, 6^4, 12\})$	24768
12	$\mathcal{O}(1; \{2^2, 3^6, 4, 6^4, 12\})$	196416
12	$\mathcal{O}(1; \{2^7, 4^3, 6^4, 12\})$	11520
12	$\mathcal{O}(1; \{2^3, 3^3, 4^3, 6^4, 12\})$	99072
12	$\mathcal{O}(1; \{2^4, 4^5, 6^4, 12\})$	46080
12	$\mathcal{O}(1; \{3^3, 4^5, 6^4, 12\})$	396288
12	$\mathcal{O}(1; \{2, 4^7, 6^4, 12\})$	184320
12	$\mathcal{O}(1; \{2^7, 3, 4, 6^5, 12\})$	12096
12	$\mathcal{O}(1; \{2^3, 3^4, 4, 6^5, 12\})$	98496
12	$\mathcal{O}(1; \{2^4, 3, 4^3, 6^5, 12\})$	48384
12	$\mathcal{O}(1; \{3^4, 4^3, 6^5, 12\})$	393984
12	$\mathcal{O}(1; \{2, 3, 4^5, 6^5, 12\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 6^6, 12\})$	48960
12	$\mathcal{O}(1; \{3^5, 4, 6^6, 12\})$	393408
12	$\mathcal{O}(1; \{2, 3^2, 4^3, 6^6, 12\})$	195840
12	$\mathcal{O}(1; \{2^5, 4, 6^7, 12\})$	24768
12	$\mathcal{O}(1; \{2, 3^3, 4, 6^7, 12\})$	196416
12	$\mathcal{O}(1; \{2^2, 4^3, 6^7, 12\})$	99072
12	$\mathcal{O}(1; \{2^2, 3, 4, 6^8, 12\})$	98496
12	$\mathcal{O}(1; \{4, 6^{10}, 12\})$	196416
12	$\mathcal{O}(1; \{2^{15}, 3, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{11}, 3^4, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^7, 3^7, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^{10}, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^{12}, 3, 4^2, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^8, 3^4, 4^2, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^7, 4^2, 12^2\})$	195840
12	$\mathcal{O}(1; \{3^{10}, 4^2, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^9, 3, 4^4, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^5, 3^4, 4^4, 12^2\})$	101376
12	$\mathcal{O}(1; \{2, 3^7, 4^4, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^6, 3, 4^6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^2, 3^4, 4^6, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^3, 3, 4^8, 12^2\})$	147456
12	$\mathcal{O}(1; \{3, 4^{10}, 12^2\})$	589824
12	$\mathcal{O}(1; \{2^{12}, 3^2, 6, 12^2\})$	2880

Continued on next page

Table 1 – continued from previous page

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

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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	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^6, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^2, 6^7, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^3, 6^8, 12^2\})$	98496
12	$\mathcal{O}(1; \{4^2, 6^8, 12^2\})$	393984
12	$\mathcal{O}(1; \{3, 6^9, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^{13}, 4, 12^3\})$	2304
12	$\mathcal{O}(1; \{2^9, 3^3, 4, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^6, 4, 12^3\})$	195840
12	$\mathcal{O}(1; \{2, 3^9, 4, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^{10}, 4^3, 12^3\})$	9216
12	$\mathcal{O}(1; \{2^6, 3^3, 4^3, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^6, 4^3, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^7, 4^5, 12^3\})$	36864
12	$\mathcal{O}(1; \{2^3, 3^3, 4^5, 12^3\})$	405504
12	$\mathcal{O}(1; \{2^4, 4^7, 12^3\})$	147456
12	$\mathcal{O}(1; \{3^3, 4^7, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2, 4^9, 12^3\})$	589824
12	$\mathcal{O}(1; \{2^{10}, 3, 4, 6, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^6, 3^4, 4, 6, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^7, 4, 6, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^7, 3, 4^3, 6, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^3, 3^4, 4^3, 6, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^4, 3, 4^5, 6, 12^3\})$	184320
12	$\mathcal{O}(1; \{3^4, 4^5, 6, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2, 3, 4^7, 6, 12^3\})$	737280
12	$\mathcal{O}(1; \{2^7, 3^2, 4, 6^2, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^5, 4, 6^2, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^2, 4^3, 6^2, 12^3\})$	193536
12	$\mathcal{O}(1; \{3^5, 4^3, 6^2, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2, 3^2, 4^5, 6^2, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^8, 4, 6^3, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^3, 4, 6^3, 12^3\})$	195840
12	$\mathcal{O}(1; \{3^6, 4, 6^3, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^5, 4^3, 6^3, 12^3\})$	101376
12	$\mathcal{O}(1; \{2, 3^3, 4^3, 6^3, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^2, 4^5, 6^3, 12^3\})$	405504
12	$\mathcal{O}(1; \{2^5, 3, 4, 6^4, 12^3\})$	99072
12	$\mathcal{O}(1; \{2, 3^4, 4, 6^4, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 6^4, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^5, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^3, 4, 6^6, 12^3\})$	195840
12	$\mathcal{O}(1; \{4^3, 6^6, 12^3\})$	783360
12	$\mathcal{O}(1; \{3, 4, 6^7, 12^3\})$	785664

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{10}, 3^2, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^5, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^8, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^7, 3^2, 4^2, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^5, 4^2, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^2, 4^4, 12^4\})$	405504
12	$\mathcal{O}(1; \{3^5, 4^4, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2, 3^2, 4^6, 12^4\})$	1622016
12	$\mathcal{O}(1; \{2^{11}, 6, 12^4\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^3, 6, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^6, 6, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^8, 4^2, 6, 12^4\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^3, 4^2, 6, 12^4\})$	396288
12	$\mathcal{O}(1; \{3^6, 4^2, 6, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^5, 4^4, 6, 12^4\})$	184320
12	$\mathcal{O}(1; \{2, 3^3, 4^4, 6, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^2, 4^6, 6, 12^4\})$	737280
12	$\mathcal{O}(1; \{2^8, 3, 6^2, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^4, 6^2, 12^4\})$	393984
12	$\mathcal{O}(1; \{3^7, 6^2, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 6^2, 12^4\})$	193536
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 6^2, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 6^2, 12^4\})$	774144
12	$\mathcal{O}(1; \{2^5, 3^2, 6^3, 12^4\})$	195840
12	$\mathcal{O}(1; \{2, 3^5, 6^3, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^3, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^6, 6^4, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^3, 6^4, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^3, 4^2, 6^4, 12^4\})$	396288
12	$\mathcal{O}(1; \{4^4, 6^4, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3, 6^5, 12^4\})$	393984
12	$\mathcal{O}(1; \{3, 4^2, 6^5, 12^4\})$	1575936
12	$\mathcal{O}(1; \{3^2, 6^6, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2, 6^7, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^8, 3, 4, 12^5\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^4, 4, 12^5\})$	783360
12	$\mathcal{O}(1; \{3^7, 4, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^5, 3, 4^3, 12^5\})$	405504
12	$\mathcal{O}(1; \{2, 3^4, 4^3, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3, 4^5, 12^5\})$	1622016
12	$\mathcal{O}(1; \{2^5, 3^2, 4, 6, 12^5\})$	396288
12	$\mathcal{O}(1; \{2, 3^5, 4, 6, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 6, 12^5\})$	1585152

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^6, 4, 6^2, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 6^2, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^3, 4^3, 6^2, 12^5\})$	774144
12	$\mathcal{O}(1; \{4^5, 6^2, 12^5\})$	3096576
12	$\mathcal{O}(1; \{2^3, 3, 4, 6^3, 12^5\})$	783360
12	$\mathcal{O}(1; \{3, 4^3, 6^3, 12^5\})$	3133440
12	$\mathcal{O}(1; \{3^2, 4, 6^4, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2, 4, 6^5, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^9, 12^6\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^3, 12^6\})$	783360
12	$\mathcal{O}(1; \{2, 3^6, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^6, 4^2, 12^6\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2^3, 4^4, 12^6\})$	1622016
12	$\mathcal{O}(1; \{4^6, 12^6\})$	6488064
12	$\mathcal{O}(1; \{2^6, 3, 6, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^4, 6, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6, 12^6\})$	1585152
12	$\mathcal{O}(1; \{3, 4^4, 6, 12^6\})$	6340608
12	$\mathcal{O}(1; \{2^3, 3^2, 6^2, 12^6\})$	1575936
12	$\mathcal{O}(1; \{3^2, 4^2, 6^2, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2^4, 6^3, 12^6\})$	783360
12	$\mathcal{O}(1; \{3^3, 6^3, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2, 4^2, 6^3, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2, 3, 6^4, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 12^7\})$	3133440
12	$\mathcal{O}(1; \{3^2, 4^3, 12^7\})$	12533760
12	$\mathcal{O}(1; \{2^4, 4, 6, 12^7\})$	1585152
12	$\mathcal{O}(1; \{3^3, 4, 6, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2, 4^3, 6, 12^7\})$	6340608
12	$\mathcal{O}(1; \{2, 3, 4, 6^2, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2^4, 3, 12^8\})$	3133440
12	$\mathcal{O}(1; \{3^4, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2, 3, 4^2, 12^8\})$	12533760
12	$\mathcal{O}(1; \{2, 3^2, 6, 12^8\})$	12570624
12	$\mathcal{O}(1; \{2^2, 6^2, 12^8\})$	6303744
12	$\mathcal{O}(1; \{2^2, 4, 12^9\})$	12533760
12	$\mathcal{O}(1; \{6, 12^{10}\})$	50282496
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4^2\})$	4
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4^2\})$	44
12	$\mathcal{O}(0; \{2^9, 3^9, 4^2\})$	340
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4^2\})$	2732
12	$\mathcal{O}(0; \{2, 3^{15}, 4^2\})$	21844

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^4\})$	16
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^4\})$	176
12	$\mathcal{O}(0; \{2^6, 3^9, 4^4\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^4\})$	10928
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^6\})$	64
12	$\mathcal{O}(0; \{2^7, 3^6, 4^6\})$	704
12	$\mathcal{O}(0; \{2^3, 3^9, 4^6\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^3, 4^8\})$	256
12	$\mathcal{O}(0; \{2^4, 3^6, 4^8\})$	2816
12	$\mathcal{O}(0; \{3^9, 4^8\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^3, 4^{10}\})$	1024
12	$\mathcal{O}(0; \{2, 3^6, 4^{10}\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{12}\})$	4096
12	$\mathcal{O}(0; \{2^{18}, 3, 4^2, 6\})$	4
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^2, 6\})$	20
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^2, 6\})$	172
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^2, 6\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^2, 6\})$	10924
12	$\mathcal{O}(0; \{2^{15}, 3, 4^4, 6\})$	16
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^4, 6\})$	80
12	$\mathcal{O}(0; \{2^7, 3^7, 4^4, 6\})$	688
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^4, 6\})$	5456
12	$\mathcal{O}(0; \{2^{12}, 3, 4^6, 6\})$	64
12	$\mathcal{O}(0; \{2^8, 3^4, 4^6, 6\})$	320
12	$\mathcal{O}(0; \{2^4, 3^7, 4^6, 6\})$	2752
12	$\mathcal{O}(0; \{3^{10}, 4^6, 6\})$	21824
12	$\mathcal{O}(0; \{2^9, 3, 4^8, 6\})$	256
12	$\mathcal{O}(0; \{2^5, 3^4, 4^8, 6\})$	1280
12	$\mathcal{O}(0; \{2, 3^7, 4^8, 6\})$	11008
12	$\mathcal{O}(0; \{2^6, 3, 4^{10}, 6\})$	1024
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{10}, 6\})$	5120
12	$\mathcal{O}(0; \{2^3, 3, 4^{12}, 6\})$	4096
12	$\mathcal{O}(0; \{3, 4^{14}, 6\})$	16384
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^2, 6^2\})$	12
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^2, 6^2\})$	84
12	$\mathcal{O}(0; \{2^7, 3^8, 4^2, 6^2\})$	684
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^2, 6^2\})$	5460
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^4, 6^2\})$	48
12	$\mathcal{O}(0; \{2^8, 3^5, 4^4, 6^2\})$	336
12	$\mathcal{O}(0; \{2^4, 3^8, 4^4, 6^2\})$	2736
12	$\mathcal{O}(0; \{3^{11}, 4^4, 6^2\})$	21840
12	$\mathcal{O}(0; \{2^9, 3^2, 4^6, 6^2\})$	192
12	$\mathcal{O}(0; \{2^5, 3^5, 4^6, 6^2\})$	1344

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^8, 4^6, 6^2\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^2, 4^8, 6^2\})$	768
12	$\mathcal{O}(0; \{2^2, 3^5, 4^8, 6^2\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{10}, 6^2\})$	3072
12	$\mathcal{O}(0; \{3^2, 4^{12}, 6^2\})$	12288
12	$\mathcal{O}(0; \{2^{16}, 4^2, 6^3\})$	4
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^2, 6^3\})$	44
12	$\mathcal{O}(0; \{2^8, 3^6, 4^2, 6^3\})$	340
12	$\mathcal{O}(0; \{2^4, 3^9, 4^2, 6^3\})$	2732
12	$\mathcal{O}(0; \{3^{12}, 4^2, 6^3\})$	21844
12	$\mathcal{O}(0; \{2^{13}, 4^4, 6^3\})$	16
12	$\mathcal{O}(0; \{2^9, 3^3, 4^4, 6^3\})$	176
12	$\mathcal{O}(0; \{2^5, 3^6, 4^4, 6^3\})$	1360
12	$\mathcal{O}(0; \{2, 3^9, 4^4, 6^3\})$	10928
12	$\mathcal{O}(0; \{2^{10}, 4^6, 6^3\})$	64
12	$\mathcal{O}(0; \{2^6, 3^3, 4^6, 6^3\})$	704
12	$\mathcal{O}(0; \{2^2, 3^6, 4^6, 6^3\})$	5440
12	$\mathcal{O}(0; \{2^7, 4^8, 6^3\})$	256
12	$\mathcal{O}(0; \{2^3, 3^3, 4^8, 6^3\})$	2816
12	$\mathcal{O}(0; \{2^4, 4^{10}, 6^3\})$	1024
12	$\mathcal{O}(0; \{3^3, 4^{10}, 6^3\})$	11264
12	$\mathcal{O}(0; \{2, 4^{12}, 6^3\})$	4096
12	$\mathcal{O}(0; \{2^{13}, 3, 4^2, 6^4\})$	20
12	$\mathcal{O}(0; \{2^9, 3^4, 4^2, 6^4\})$	172
12	$\mathcal{O}(0; \{2^5, 3^7, 4^2, 6^4\})$	1364
12	$\mathcal{O}(0; \{2, 3^{10}, 4^2, 6^4\})$	10924
12	$\mathcal{O}(0; \{2^{10}, 3, 4^4, 6^4\})$	80
12	$\mathcal{O}(0; \{2^6, 3^4, 4^4, 6^4\})$	688
12	$\mathcal{O}(0; \{2^2, 3^7, 4^4, 6^4\})$	5456
12	$\mathcal{O}(0; \{2^7, 3, 4^6, 6^4\})$	320
12	$\mathcal{O}(0; \{2^3, 3^4, 4^6, 6^4\})$	2752
12	$\mathcal{O}(0; \{2^4, 3, 4^8, 6^4\})$	1280
12	$\mathcal{O}(0; \{3^4, 4^8, 6^4\})$	11008
12	$\mathcal{O}(0; \{2, 3, 4^{10}, 6^4\})$	5120
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^2, 6^5\})$	84
12	$\mathcal{O}(0; \{2^6, 3^5, 4^2, 6^5\})$	684
12	$\mathcal{O}(0; \{2^2, 3^8, 4^2, 6^5\})$	5460
12	$\mathcal{O}(0; \{2^7, 3^2, 4^4, 6^5\})$	336
12	$\mathcal{O}(0; \{2^3, 3^5, 4^4, 6^5\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^2, 4^6, 6^5\})$	1344
12	$\mathcal{O}(0; \{3^5, 4^6, 6^5\})$	10944
12	$\mathcal{O}(0; \{2, 3^2, 4^8, 6^5\})$	5376
12	$\mathcal{O}(0; \{2^{11}, 4^2, 6^6\})$	44

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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	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 6^6\})$	340
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 6^6\})$	2732
12	$\mathcal{O}(0; \{2^8, 4^4, 6^6\})$	176
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 6^6\})$	1360
12	$\mathcal{O}(0; \{3^6, 4^4, 6^6\})$	10928
12	$\mathcal{O}(0; \{2^5, 4^6, 6^6\})$	704
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 6^6\})$	5440
12	$\mathcal{O}(0; \{2^2, 4^8, 6^6\})$	2816
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6^7\})$	172
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6^7\})$	1364
12	$\mathcal{O}(0; \{3^7, 4^2, 6^7\})$	10924
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6^7\})$	688
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6^7\})$	5456
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 6^7\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^8\})$	684
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^8\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^8\})$	2736
12	$\mathcal{O}(0; \{2^6, 4^2, 6^9\})$	340
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^9\})$	2732
12	$\mathcal{O}(0; \{2^3, 4^4, 6^9\})$	1360
12	$\mathcal{O}(0; \{4^6, 6^9\})$	5440
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^{10}\})$	1364
12	$\mathcal{O}(0; \{3, 4^4, 6^{10}\})$	5456
12	$\mathcal{O}(0; \{3^2, 4^2, 6^{11}\})$	5460
12	$\mathcal{O}(0; \{2, 4^2, 6^{12}\})$	2732
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4, 12\})$	4
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4, 12\})$	44
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4, 12\})$	340
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4, 12\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4, 12\})$	21844
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^3, 12\})$	16
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^3, 12\})$	176
12	$\mathcal{O}(0; \{2^7, 3^8, 4^3, 12\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^3, 12\})$	10928
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^5, 12\})$	64
12	$\mathcal{O}(0; \{2^8, 3^5, 4^5, 12\})$	704
12	$\mathcal{O}(0; \{2^4, 3^8, 4^5, 12\})$	5440
12	$\mathcal{O}(0; \{3^{11}, 4^5, 12\})$	43712
12	$\mathcal{O}(0; \{2^9, 3^2, 4^7, 12\})$	256
12	$\mathcal{O}(0; \{2^5, 3^5, 4^7, 12\})$	2816
12	$\mathcal{O}(0; \{2, 3^8, 4^7, 12\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^2, 4^9, 12\})$	1024
12	$\mathcal{O}(0; \{2^2, 3^5, 4^9, 12\})$	11264

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{11}, 12\})$	4096
12	$\mathcal{O}(0; \{3^2, 4^{13}, 12\})$	16384
12	$\mathcal{O}(0; \{2^{19}, 4, 6, 12\})$	4
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4, 6, 12\})$	20
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4, 6, 12\})$	172
12	$\mathcal{O}(0; \{2^7, 3^9, 4, 6, 12\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4, 6, 12\})$	10924
12	$\mathcal{O}(0; \{2^{16}, 4^3, 6, 12\})$	16
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^3, 6, 12\})$	80
12	$\mathcal{O}(0; \{2^8, 3^6, 4^3, 6, 12\})$	688
12	$\mathcal{O}(0; \{2^4, 3^9, 4^3, 6, 12\})$	5456
12	$\mathcal{O}(0; \{3^{12}, 4^3, 6, 12\})$	43696
12	$\mathcal{O}(0; \{2^{13}, 4^5, 6, 12\})$	64
12	$\mathcal{O}(0; \{2^9, 3^3, 4^5, 6, 12\})$	320
12	$\mathcal{O}(0; \{2^5, 3^6, 4^5, 6, 12\})$	2752
12	$\mathcal{O}(0; \{2, 3^9, 4^5, 6, 12\})$	21824
12	$\mathcal{O}(0; \{2^{10}, 4^7, 6, 12\})$	256
12	$\mathcal{O}(0; \{2^6, 3^3, 4^7, 6, 12\})$	1280
12	$\mathcal{O}(0; \{2^2, 3^6, 4^7, 6, 12\})$	11008
12	$\mathcal{O}(0; \{2^7, 4^9, 6, 12\})$	1024
12	$\mathcal{O}(0; \{2^3, 3^3, 4^9, 6, 12\})$	5120
12	$\mathcal{O}(0; \{2^4, 4^{11}, 6, 12\})$	4096
12	$\mathcal{O}(0; \{3^3, 4^{11}, 6, 12\})$	20480
12	$\mathcal{O}(0; \{2, 4^{13}, 6, 12\})$	16384
12	$\mathcal{O}(0; \{2^{16}, 3, 4, 6^2, 12\})$	12
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4, 6^2, 12\})$	84
12	$\mathcal{O}(0; \{2^8, 3^7, 4, 6^2, 12\})$	684
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4, 6^2, 12\})$	5460
12	$\mathcal{O}(0; \{3^{13}, 4, 6^2, 12\})$	43692
12	$\mathcal{O}(0; \{2^{13}, 3, 4^3, 6^2, 12\})$	48
12	$\mathcal{O}(0; \{2^9, 3^4, 4^3, 6^2, 12\})$	336
12	$\mathcal{O}(0; \{2^5, 3^7, 4^3, 6^2, 12\})$	2736
12	$\mathcal{O}(0; \{2, 3^{10}, 4^3, 6^2, 12\})$	21840
12	$\mathcal{O}(0; \{2^{10}, 3, 4^5, 6^2, 12\})$	192
12	$\mathcal{O}(0; \{2^6, 3^4, 4^5, 6^2, 12\})$	1344
12	$\mathcal{O}(0; \{2^2, 3^7, 4^5, 6^2, 12\})$	10944
12	$\mathcal{O}(0; \{2^7, 3, 4^7, 6^2, 12\})$	768
12	$\mathcal{O}(0; \{2^3, 3^4, 4^7, 6^2, 12\})$	5376
12	$\mathcal{O}(0; \{2^4, 3, 4^9, 6^2, 12\})$	3072
12	$\mathcal{O}(0; \{3^4, 4^9, 6^2, 12\})$	21504
12	$\mathcal{O}(0; \{2, 3, 4^{11}, 6^2, 12\})$	12288
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4, 6^3, 12\})$	44
12	$\mathcal{O}(0; \{2^9, 3^5, 4, 6^3, 12\})$	340

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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	$\mathcal{O}(0; \{2^5, 3^8, 4, 6^3, 12\})$	2732
12	$\mathcal{O}(0; \{2, 3^{11}, 4, 6^3, 12\})$	21844
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^3, 6^3, 12\})$	176
12	$\mathcal{O}(0; \{2^6, 3^5, 4^3, 6^3, 12\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^8, 4^3, 6^3, 12\})$	10928
12	$\mathcal{O}(0; \{2^7, 3^2, 4^5, 6^3, 12\})$	704
12	$\mathcal{O}(0; \{2^3, 3^5, 4^5, 6^3, 12\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^2, 4^7, 6^3, 12\})$	2816
12	$\mathcal{O}(0; \{3^5, 4^7, 6^3, 12\})$	21760
12	$\mathcal{O}(0; \{2, 3^2, 4^9, 6^3, 12\})$	11264
12	$\mathcal{O}(0; \{2^{14}, 4, 6^4, 12\})$	20
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4, 6^4, 12\})$	172
12	$\mathcal{O}(0; \{2^6, 3^6, 4, 6^4, 12\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^9, 4, 6^4, 12\})$	10924
12	$\mathcal{O}(0; \{2^{11}, 4^3, 6^4, 12\})$	80
12	$\mathcal{O}(0; \{2^7, 3^3, 4^3, 6^4, 12\})$	688
12	$\mathcal{O}(0; \{2^3, 3^6, 4^3, 6^4, 12\})$	5456
12	$\mathcal{O}(0; \{2^8, 4^5, 6^4, 12\})$	320
12	$\mathcal{O}(0; \{2^4, 3^3, 4^5, 6^4, 12\})$	2752
12	$\mathcal{O}(0; \{3^6, 4^5, 6^4, 12\})$	21824
12	$\mathcal{O}(0; \{2^5, 4^7, 6^4, 12\})$	1280
12	$\mathcal{O}(0; \{2, 3^3, 4^7, 6^4, 12\})$	11008
12	$\mathcal{O}(0; \{2^2, 4^9, 6^4, 12\})$	5120
12	$\mathcal{O}(0; \{2^{11}, 3, 4, 6^5, 12\})$	84
12	$\mathcal{O}(0; \{2^7, 3^4, 4, 6^5, 12\})$	684
12	$\mathcal{O}(0; \{2^3, 3^7, 4, 6^5, 12\})$	5460
12	$\mathcal{O}(0; \{2^8, 3, 4^3, 6^5, 12\})$	336
12	$\mathcal{O}(0; \{2^4, 3^4, 4^3, 6^5, 12\})$	2736
12	$\mathcal{O}(0; \{3^7, 4^3, 6^5, 12\})$	21840
12	$\mathcal{O}(0; \{2^5, 3, 4^5, 6^5, 12\})$	1344
12	$\mathcal{O}(0; \{2, 3^4, 4^5, 6^5, 12\})$	10944
12	$\mathcal{O}(0; \{2^2, 3, 4^7, 6^5, 12\})$	5376
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 6^6, 12\})$	340
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 6^6, 12\})$	2732
12	$\mathcal{O}(0; \{3^8, 4, 6^6, 12\})$	21844
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 6^6, 12\})$	1360
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 6^6, 12\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 6^6, 12\})$	5440
12	$\mathcal{O}(0; \{2^9, 4, 6^7, 12\})$	172
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6^7, 12\})$	1364
12	$\mathcal{O}(0; \{2, 3^6, 4, 6^7, 12\})$	10924
12	$\mathcal{O}(0; \{2^6, 4^3, 6^7, 12\})$	688
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6^7, 12\})$	5456

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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	$\mathcal{O}(0; \{2^3, 4^5, 6^7, 12\})$	2752
12	$\mathcal{O}(0; \{4^7, 6^7, 12\})$	11008
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^8, 12\})$	684
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^8, 12\})$	5460
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^8, 12\})$	2736
12	$\mathcal{O}(0; \{3, 4^5, 6^8, 12\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^9, 12\})$	2732
12	$\mathcal{O}(0; \{3^2, 4^3, 6^9, 12\})$	10928
12	$\mathcal{O}(0; \{2^4, 4, 6^{10}, 12\})$	1364
12	$\mathcal{O}(0; \{3^3, 4, 6^{10}, 12\})$	10924
12	$\mathcal{O}(0; \{2, 4^3, 6^{10}, 12\})$	5456
12	$\mathcal{O}(0; \{2, 3, 4, 6^{11}, 12\})$	5460
12	$\mathcal{O}(0; \{2^{19}, 3, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{15}, 3^4, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^7, 12^2\})$	340
12	$\mathcal{O}(0; \{2^7, 3^{10}, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^{13}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^{16}, 3, 4^2, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^2, 12^2\})$	176
12	$\mathcal{O}(0; \{2^8, 3^7, 4^2, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^2, 12^2\})$	10928
12	$\mathcal{O}(0; \{3^{13}, 4^2, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^{13}, 3, 4^4, 12^2\})$	64
12	$\mathcal{O}(0; \{2^9, 3^4, 4^4, 12^2\})$	704
12	$\mathcal{O}(0; \{2^5, 3^7, 4^4, 12^2\})$	5440
12	$\mathcal{O}(0; \{2, 3^{10}, 4^4, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^{10}, 3, 4^6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^6, 3^4, 4^6, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^7, 4^6, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^7, 3, 4^8, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^3, 3^4, 4^8, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^4, 3, 4^{10}, 12^2\})$	4096
12	$\mathcal{O}(0; \{3^4, 4^{10}, 12^2\})$	45056
12	$\mathcal{O}(0; \{2, 3, 4^{12}, 12^2\})$	16384
12	$\mathcal{O}(0; \{2^{16}, 3^2, 6, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{12}, 3^5, 6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^8, 3^8, 6, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^{11}, 6, 12^2\})$	10924
12	$\mathcal{O}(0; \{3^{14}, 6, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^2, 6, 12^2\})$	80
12	$\mathcal{O}(0; \{2^9, 3^5, 4^2, 6, 12^2\})$	688
12	$\mathcal{O}(0; \{2^5, 3^8, 4^2, 6, 12^2\})$	5456
12	$\mathcal{O}(0; \{2, 3^{11}, 4^2, 6, 12^2\})$	43696

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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	$\mathcal{O}(0; \{2^{10}, 3^2, 4^4, 6, 12^2\})$	320
12	$\mathcal{O}(0; \{2^6, 3^5, 4^4, 6, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^8, 4^4, 6, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^7, 3^2, 4^6, 6, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^3, 3^5, 4^6, 6, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^2, 4^8, 6, 12^2\})$	5120
12	$\mathcal{O}(0; \{3^5, 4^8, 6, 12^2\})$	44032
12	$\mathcal{O}(0; \{2, 3^2, 4^{10}, 6, 12^2\})$	20480
12	$\mathcal{O}(0; \{2^{17}, 6^2, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{13}, 3^3, 6^2, 12^2\})$	84
12	$\mathcal{O}(0; \{2^9, 3^6, 6^2, 12^2\})$	684
12	$\mathcal{O}(0; \{2^5, 3^9, 6^2, 12^2\})$	5460
12	$\mathcal{O}(0; \{2, 3^{12}, 6^2, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{14}, 4^2, 6^2, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^2, 6^2, 12^2\})$	336
12	$\mathcal{O}(0; \{2^6, 3^6, 4^2, 6^2, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^9, 4^2, 6^2, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^{11}, 4^4, 6^2, 12^2\})$	192
12	$\mathcal{O}(0; \{2^7, 3^3, 4^4, 6^2, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^6, 4^4, 6^2, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^8, 4^6, 6^2, 12^2\})$	768
12	$\mathcal{O}(0; \{2^4, 3^3, 4^6, 6^2, 12^2\})$	5376
12	$\mathcal{O}(0; \{3^6, 4^6, 6^2, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^5, 4^8, 6^2, 12^2\})$	3072
12	$\mathcal{O}(0; \{2, 3^3, 4^8, 6^2, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^2, 4^{10}, 6^2, 12^2\})$	12288
12	$\mathcal{O}(0; \{2^{14}, 3, 6^3, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{10}, 3^4, 6^3, 12^2\})$	340
12	$\mathcal{O}(0; \{2^6, 3^7, 6^3, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^{10}, 6^3, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^{11}, 3, 4^2, 6^3, 12^2\})$	176
12	$\mathcal{O}(0; \{2^7, 3^4, 4^2, 6^3, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^7, 4^2, 6^3, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^8, 3, 4^4, 6^3, 12^2\})$	704
12	$\mathcal{O}(0; \{2^4, 3^4, 4^4, 6^3, 12^2\})$	5440
12	$\mathcal{O}(0; \{3^7, 4^4, 6^3, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^5, 3, 4^6, 6^3, 12^2\})$	2816
12	$\mathcal{O}(0; \{2, 3^4, 4^6, 6^3, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^2, 3, 4^8, 6^3, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^{11}, 3^2, 6^4, 12^2\})$	172
12	$\mathcal{O}(0; \{2^7, 3^5, 6^4, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^8, 6^4, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 6^4, 12^2\})$	688

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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	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 6^4, 12^2\})$	5456
12	$\mathcal{O}(0; \{3^8, 4^2, 6^4, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 6^4, 12^2\})$	2752
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 6^4, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 6^4, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^{12}, 6^5, 12^2\})$	84
12	$\mathcal{O}(0; \{2^8, 3^3, 6^5, 12^2\})$	684
12	$\mathcal{O}(0; \{2^4, 3^6, 6^5, 12^2\})$	5460
12	$\mathcal{O}(0; \{3^9, 6^5, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^9, 4^2, 6^5, 12^2\})$	336
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6^5, 12^2\})$	2736
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6^5, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^6, 4^4, 6^5, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6^5, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^3, 4^6, 6^5, 12^2\})$	5376
12	$\mathcal{O}(0; \{4^8, 6^5, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^9, 3, 6^6, 12^2\})$	340
12	$\mathcal{O}(0; \{2^5, 3^4, 6^6, 12^2\})$	2732
12	$\mathcal{O}(0; \{2, 3^7, 6^6, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^6, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^6, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^6, 12^2\})$	5440
12	$\mathcal{O}(0; \{3, 4^6, 6^6, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^2, 6^7, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^5, 6^7, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^7, 12^2\})$	5456
12	$\mathcal{O}(0; \{3^2, 4^4, 6^7, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^7, 6^8, 12^2\})$	684
12	$\mathcal{O}(0; \{2^3, 3^3, 6^8, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^4, 4^2, 6^8, 12^2\})$	2736
12	$\mathcal{O}(0; \{3^3, 4^2, 6^8, 12^2\})$	21840
12	$\mathcal{O}(0; \{2, 4^4, 6^8, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^4, 3, 6^9, 12^2\})$	2732
12	$\mathcal{O}(0; \{3^4, 6^9, 12^2\})$	21844
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^9, 12^2\})$	10928
12	$\mathcal{O}(0; \{2, 3^2, 6^{10}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^2, 6^{11}, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^{17}, 4, 12^3\})$	16
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4, 12^3\})$	176
12	$\mathcal{O}(0; \{2^9, 3^6, 4, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^9, 4, 12^3\})$	10928
12	$\mathcal{O}(0; \{2, 3^{12}, 4, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^{14}, 4^3, 12^3\})$	64

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^3, 12^3\})$	704
12	$\mathcal{O}(0; \{2^6, 3^6, 4^3, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^9, 4^3, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^{11}, 4^5, 12^3\})$	256
12	$\mathcal{O}(0; \{2^7, 3^3, 4^5, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^6, 4^5, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^8, 4^7, 12^3\})$	1024
12	$\mathcal{O}(0; \{2^4, 3^3, 4^7, 12^3\})$	11264
12	$\mathcal{O}(0; \{3^6, 4^7, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^5, 4^9, 12^3\})$	4096
12	$\mathcal{O}(0; \{2, 3^3, 4^9, 12^3\})$	45056
12	$\mathcal{O}(0; \{2^2, 4^{11}, 12^3\})$	16384
12	$\mathcal{O}(0; \{2^{14}, 3, 4, 6, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4, 6, 12^3\})$	688
12	$\mathcal{O}(0; \{2^6, 3^7, 4, 6, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4, 6, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^{11}, 3, 4^3, 6, 12^3\})$	320
12	$\mathcal{O}(0; \{2^7, 3^4, 4^3, 6, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^7, 4^3, 6, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^8, 3, 4^5, 6, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^4, 4^5, 6, 12^3\})$	11008
12	$\mathcal{O}(0; \{3^7, 4^5, 6, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^5, 3, 4^7, 6, 12^3\})$	5120
12	$\mathcal{O}(0; \{2, 3^4, 4^7, 6, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^2, 3, 4^9, 6, 12^3\})$	20480
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4, 6^2, 12^3\})$	336
12	$\mathcal{O}(0; \{2^7, 3^5, 4, 6^2, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^8, 4, 6^2, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^8, 3^2, 4^3, 6^2, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^5, 4^3, 6^2, 12^3\})$	10944
12	$\mathcal{O}(0; \{3^8, 4^3, 6^2, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^5, 3^2, 4^5, 6^2, 12^3\})$	5376
12	$\mathcal{O}(0; \{2, 3^5, 4^5, 6^2, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^2, 4^7, 6^2, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^{12}, 4, 6^3, 12^3\})$	176
12	$\mathcal{O}(0; \{2^8, 3^3, 4, 6^3, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^6, 4, 6^3, 12^3\})$	10928
12	$\mathcal{O}(0; \{3^9, 4, 6^3, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^9, 4^3, 6^3, 12^3\})$	704
12	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 6^3, 12^3\})$	5440
12	$\mathcal{O}(0; \{2, 3^6, 4^3, 6^3, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^6, 4^5, 6^3, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 6^3, 12^3\})$	21760

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 4^7, 6^3, 12^3\})$	11264
12	$\mathcal{O}(0; \{4^9, 6^3, 12^3\})$	45056
12	$\mathcal{O}(0; \{2^9, 3, 4, 6^4, 12^3\})$	688
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 6^4, 12^3\})$	5456
12	$\mathcal{O}(0; \{2, 3^7, 4, 6^4, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 6^4, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6^4, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 6^4, 12^3\})$	11008
12	$\mathcal{O}(0; \{3, 4^7, 6^4, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^5, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^5, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^5, 12^3\})$	10944
12	$\mathcal{O}(0; \{3^2, 4^5, 6^5, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^7, 4, 6^6, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^6, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^4, 4^3, 6^6, 12^3\})$	5440
12	$\mathcal{O}(0; \{3^3, 4^3, 6^6, 12^3\})$	43712
12	$\mathcal{O}(0; \{2, 4^5, 6^6, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^7, 12^3\})$	5456
12	$\mathcal{O}(0; \{3^4, 4, 6^7, 12^3\})$	43696
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^7, 12^3\})$	21824
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^8, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^2, 4, 6^9, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^{14}, 3^2, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^5, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^8, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{11}, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^2, 12^4\})$	704
12	$\mathcal{O}(0; \{2^7, 3^5, 4^2, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^8, 4^2, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^8, 3^2, 4^4, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^5, 4^4, 12^4\})$	21760
12	$\mathcal{O}(0; \{3^8, 4^4, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^5, 3^2, 4^6, 12^4\})$	11264
12	$\mathcal{O}(0; \{2, 3^5, 4^6, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^2, 4^8, 12^4\})$	45056
12	$\mathcal{O}(0; \{2^{15}, 6, 12^4\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^3, 6, 12^4\})$	688
12	$\mathcal{O}(0; \{2^7, 3^6, 6, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^9, 6, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^{12}, 4^2, 6, 12^4\})$	320
12	$\mathcal{O}(0; \{2^8, 3^3, 4^2, 6, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^6, 4^2, 6, 12^4\})$	21824

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^9, 4^2, 6, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^9, 4^4, 6, 12^4\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^3, 4^4, 6, 12^4\})$	11008
12	$\mathcal{O}(0; \{2, 3^6, 4^4, 6, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^6, 4^6, 6, 12^4\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^3, 4^6, 6, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^3, 4^8, 6, 12^4\})$	20480
12	$\mathcal{O}(0; \{4^{10}, 6, 12^4\})$	81920
12	$\mathcal{O}(0; \{2^{12}, 3, 6^2, 12^4\})$	336
12	$\mathcal{O}(0; \{2^8, 3^4, 6^2, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^7, 6^2, 12^4\})$	21840
12	$\mathcal{O}(0; \{3^{10}, 6^2, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 6^2, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 6^2, 12^4\})$	10944
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 6^2, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 6^2, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 6^2, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 6^2, 12^4\})$	21504
12	$\mathcal{O}(0; \{3, 4^8, 6^2, 12^4\})$	86016
12	$\mathcal{O}(0; \{2^9, 3^2, 6^3, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^5, 6^3, 12^4\})$	10928
12	$\mathcal{O}(0; \{2, 3^8, 6^3, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6^3, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6^3, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6^3, 12^4\})$	21760
12	$\mathcal{O}(0; \{3^2, 4^6, 6^3, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^{10}, 6^4, 12^4\})$	688
12	$\mathcal{O}(0; \{2^6, 3^3, 6^4, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^6, 6^4, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^7, 4^2, 6^4, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^4, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^4, 4^4, 6^4, 12^4\})$	11008
12	$\mathcal{O}(0; \{3^3, 4^4, 6^4, 12^4\})$	87296
12	$\mathcal{O}(0; \{2, 4^6, 6^4, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^7, 3, 6^5, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^4, 6^5, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^5, 12^4\})$	10944
12	$\mathcal{O}(0; \{3^4, 4^2, 6^5, 12^4\})$	87360
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^5, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^2, 6^6, 12^4\})$	10928
12	$\mathcal{O}(0; \{3^5, 6^6, 12^4\})$	87376
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^6, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^5, 6^7, 12^4\})$	5456

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^3, 6^7, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^2, 4^2, 6^7, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^2, 3, 6^8, 12^4\})$	21840
12	$\mathcal{O}(0; \{6^{10}, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^{12}, 3, 4, 12^5\})$	704
12	$\mathcal{O}(0; \{2^8, 3^4, 4, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^7, 4, 12^5\})$	43712
12	$\mathcal{O}(0; \{3^{10}, 4, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^9, 3, 4^3, 12^5\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^4, 4^3, 12^5\})$	21760
12	$\mathcal{O}(0; \{2, 3^7, 4^3, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^6, 3, 4^5, 12^5\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^4, 4^5, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^3, 3, 4^7, 12^5\})$	45056
12	$\mathcal{O}(0; \{3, 4^9, 12^5\})$	180224
12	$\mathcal{O}(0; \{2^9, 3^2, 4, 6, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^5, 4, 6, 12^5\})$	21824
12	$\mathcal{O}(0; \{2, 3^8, 4, 6, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 6, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 6, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 6, 12^5\})$	44032
12	$\mathcal{O}(0; \{3^2, 4^7, 6, 12^5\})$	176128
12	$\mathcal{O}(0; \{2^{10}, 4, 6^2, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 6^2, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 6^2, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^7, 4^3, 6^2, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6^2, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^4, 4^5, 6^2, 12^5\})$	21504
12	$\mathcal{O}(0; \{3^3, 4^5, 6^2, 12^5\})$	175104
12	$\mathcal{O}(0; \{2, 4^7, 6^2, 12^5\})$	86016
12	$\mathcal{O}(0; \{2^7, 3, 4, 6^3, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^3, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^3, 12^5\})$	21760
12	$\mathcal{O}(0; \{3^4, 4^3, 6^3, 12^5\})$	174848
12	$\mathcal{O}(0; \{2, 3, 4^5, 6^3, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^4, 12^5\})$	21824
12	$\mathcal{O}(0; \{3^5, 4, 6^4, 12^5\})$	174784
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^4, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^5, 4, 6^5, 12^5\})$	10944
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^5, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^2, 4^3, 6^5, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^6, 12^5\})$	43712
12	$\mathcal{O}(0; \{4, 6^8, 12^5\})$	87360

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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	$\mathcal{O}(0; \{2^{13}, 12^6\})$	704
12	$\mathcal{O}(0; \{2^9, 3^3, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2, 3^9, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^{10}, 4^2, 12^6\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^7, 4^4, 12^6\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 12^6\})$	87040
12	$\mathcal{O}(0; \{2^4, 4^6, 12^6\})$	45056
12	$\mathcal{O}(0; \{3^3, 4^6, 12^6\})$	348160
12	$\mathcal{O}(0; \{2, 4^8, 12^6\})$	180224
12	$\mathcal{O}(0; \{2^{10}, 3, 6, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^4, 6, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^7, 6, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 6, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 6, 12^6\})$	44032
12	$\mathcal{O}(0; \{3^4, 4^4, 6, 12^6\})$	349184
12	$\mathcal{O}(0; \{2, 3, 4^6, 6, 12^6\})$	176128
12	$\mathcal{O}(0; \{2^7, 3^2, 6^2, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^5, 6^2, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^2, 12^6\})$	43776
12	$\mathcal{O}(0; \{3^5, 4^2, 6^2, 12^6\})$	349440
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^2, 12^6\})$	175104
12	$\mathcal{O}(0; \{2^8, 6^3, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^3, 6^3, 12^6\})$	43712
12	$\mathcal{O}(0; \{3^6, 6^3, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^5, 4^2, 6^3, 12^6\})$	21760
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^3, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^2, 4^4, 6^3, 12^6\})$	87040
12	$\mathcal{O}(0; \{2^5, 3, 6^4, 12^6\})$	21824
12	$\mathcal{O}(0; \{2, 3^4, 6^4, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^4, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^2, 6^5, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^3, 6^6, 12^6\})$	43712
12	$\mathcal{O}(0; \{4^2, 6^6, 12^6\})$	174848
12	$\mathcal{O}(0; \{3, 6^7, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 12^7\})$	87040
12	$\mathcal{O}(0; \{3^5, 4^3, 12^7\})$	699392
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 12^7\})$	348160

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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	$\mathcal{O}(0; \{2^8, 4, 6, 12^7\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6, 12^7\})$	87296
12	$\mathcal{O}(0; \{3^6, 4, 6, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^5, 4^3, 6, 12^7\})$	44032
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6, 12^7\})$	349184
12	$\mathcal{O}(0; \{2^2, 4^5, 6, 12^7\})$	176128
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^2, 12^7\})$	43776
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^2, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^2, 12^7\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^3, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^3, 4, 6^4, 12^7\})$	87296
12	$\mathcal{O}(0; \{4^3, 6^4, 12^7\})$	349184
12	$\mathcal{O}(0; \{3, 4, 6^5, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^8, 3, 12^8\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^4, 12^8\})$	174848
12	$\mathcal{O}(0; \{3^7, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 12^8\})$	87040
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 12^8\})$	699392
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 12^8\})$	348160
12	$\mathcal{O}(0; \{2^5, 3^2, 6, 12^8\})$	87296
12	$\mathcal{O}(0; \{2, 3^5, 6, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6, 12^8\})$	349184
12	$\mathcal{O}(0; \{2^6, 6^2, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^3, 4^2, 6^2, 12^8\})$	175104
12	$\mathcal{O}(0; \{4^4, 6^2, 12^8\})$	700416
12	$\mathcal{O}(0; \{2^3, 3, 6^3, 12^8\})$	174848
12	$\mathcal{O}(0; \{3, 4^2, 6^3, 12^8\})$	699392
12	$\mathcal{O}(0; \{3^2, 6^4, 12^8\})$	699136
12	$\mathcal{O}(0; \{2, 6^5, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^6, 4, 12^9\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 12^9\})$	699392
12	$\mathcal{O}(0; \{2^3, 4^3, 12^9\})$	348160
12	$\mathcal{O}(0; \{4^5, 12^9\})$	1392640
12	$\mathcal{O}(0; \{2^3, 3, 4, 6, 12^9\})$	349184
12	$\mathcal{O}(0; \{3, 4^3, 6, 12^9\})$	1396736
12	$\mathcal{O}(0; \{3^2, 4, 6^2, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2, 4, 6^3, 12^9\})$	699392
12	$\mathcal{O}(0; \{2^3, 3^2, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{3^2, 4^2, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{2^4, 6, 12^{10}\})$	349184
12	$\mathcal{O}(0; \{3^3, 6, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2, 4^2, 6, 12^{10}\})$	1396736

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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	$\mathcal{O}(0; \{2, 3, 6^2, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2, 3, 4, 12^{11}\})$	2797568
12	$\mathcal{O}(0; \{2^2, 12^{12}\})$	2797568
13	$\mathcal{O}(1; \{13^{10}\})$	804925735068
14	$\mathcal{O}(4; \{7^3\})$	44100727650
14	$\mathcal{O}(3; \{2^4, 7^3\})$	225886080
14	$\mathcal{O}(3; \{2^2, 7^2, 14^2\})$	1400493696
14	$\mathcal{O}(3; \{7, 14^4\})$	8357784960
14	$\mathcal{O}(2; \{2^8, 7^3\})$	1152480
14	$\mathcal{O}(2; \{2, 7^6, 14\})$	1536255840
14	$\mathcal{O}(2; \{2^6, 7^2, 14^2\})$	7145376
14	$\mathcal{O}(2; \{2^4, 7, 14^4\})$	42641760
14	$\mathcal{O}(2; \{2^2, 14^6\})$	256081056
14	$\mathcal{O}(1; \{2^{12}, 7^3\})$	5880
14	$\mathcal{O}(1; \{7^{10}\})$	1269789822
14	$\mathcal{O}(1; \{2^5, 7^6, 14\})$	7838040
14	$\mathcal{O}(1; \{2^{10}, 7^2, 14^2\})$	36456
14	$\mathcal{O}(1; \{2^3, 7^5, 14^3\})$	47029416
14	$\mathcal{O}(1; \{2^8, 7, 14^4\})$	217560
14	$\mathcal{O}(1; \{2, 7^4, 14^5\})$	282175320
14	$\mathcal{O}(1; \{2^6, 14^6\})$	1306536
14	$\mathcal{O}(0; \{2^{16}, 7^3\})$	30
14	$\mathcal{O}(0; \{2^4, 7^{10}\})$	8638026
14	$\mathcal{O}(0; \{2^9, 7^6, 14\})$	39990
14	$\mathcal{O}(0; \{2^{14}, 7^2, 14^2\})$	186
14	$\mathcal{O}(0; \{2^2, 7^9, 14^2\})$	51828150
14	$\mathcal{O}(0; \{2^7, 7^5, 14^3\})$	239946
14	$\mathcal{O}(0; \{2^{12}, 7, 14^4\})$	1110
14	$\mathcal{O}(0; \{7^8, 14^4\})$	310968906
14	$\mathcal{O}(0; \{2^5, 7^4, 14^5\})$	1439670
14	$\mathcal{O}(0; \{2^{10}, 14^6\})$	6666
14	$\mathcal{O}(0; \{2^3, 7^3, 14^7\})$	8638026
14	$\mathcal{O}(0; \{2, 7^2, 14^9\})$	51828150
15	$\mathcal{O}(5; \emptyset)$	576640565952
15	$\mathcal{O}(4; \{3^3\})$	5125768128
15	$\mathcal{O}(3; \{3^6\})$	250577712
15	$\mathcal{O}(3; \{5^5\})$	2320500000
15	$\mathcal{O}(3; \{3, 5^3, 15\})$	1184625000
15	$\mathcal{O}(3; \{3^2, 5, 15^2\})$	820125000
15	$\mathcal{O}(2; \{3^9\})$	8592480
15	$\mathcal{O}(2; \{3^3, 5^5\})$	20655000
15	$\mathcal{O}(2; \{3^4, 5^3, 15\})$	26325000
15	$\mathcal{O}(2; \{3^5, 5, 15^2\})$	25515000

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(2; \{5^4, 15^3\})$	331695000
15	$\mathcal{O}(2; \{3, 5^2, 15^4\})$	415125000
15	$\mathcal{O}(2; \{3^2, 15^5\})$	433755000
15	$\mathcal{O}(1; \{3^{12}\})$	295056
15	$\mathcal{O}(1; \{3^6, 5^5\})$	1009800
15	$\mathcal{O}(1; \{5^{10}\})$	41943200
15	$\mathcal{O}(1; \{3^7, 5^3, 15\})$	1006200
15	$\mathcal{O}(1; \{3, 5^8, 15\})$	23592600
15	$\mathcal{O}(1; \{3^8, 5, 15^2\})$	923400
15	$\mathcal{O}(1; \{3^2, 5^6, 15^2\})$	17695800
15	$\mathcal{O}(1; \{3^3, 5^4, 15^3\})$	16216200
15	$\mathcal{O}(1; \{3^4, 5^2, 15^4\})$	15867000
15	$\mathcal{O}(1; \{3^5, 15^5\})$	15697800
15	$\mathcal{O}(1; \{5^3, 15^6\})$	259518600
15	$\mathcal{O}(1; \{3, 5, 15^7\})$	253639800
15	$\mathcal{O}(0; \{3^9, 5^5\})$	34680
15	$\mathcal{O}(0; \{3^3, 5^{10}\})$	419432
15	$\mathcal{O}(0; \{3^{10}, 5^3, 15\})$	35464
15	$\mathcal{O}(0; \{3^4, 5^8, 15\})$	524280
15	$\mathcal{O}(0; \{3^{11}, 5, 15^2\})$	32760
15	$\mathcal{O}(0; \{3^5, 5^6, 15^2\})$	550536
15	$\mathcal{O}(0; \{3^6, 5^4, 15^3\})$	556920
15	$\mathcal{O}(0; \{5^9, 15^3\})$	6710888
15	$\mathcal{O}(0; \{3^7, 5^2, 15^4\})$	559240
15	$\mathcal{O}(0; \{3, 5^7, 15^4\})$	8388600
15	$\mathcal{O}(0; \{3^8, 15^5\})$	556920
15	$\mathcal{O}(0; \{3^2, 5^5, 15^5\})$	8808072
15	$\mathcal{O}(0; \{3^3, 5^3, 15^6\})$	8912760
15	$\mathcal{O}(0; \{3^4, 5, 15^7\})$	8939656
15	$\mathcal{O}(0; \{5^2, 15^9\})$	142606200
15	$\mathcal{O}(0; \{3, 15^{10}\})$	143026312
16	$\mathcal{O}(4; \{4^2\})$	8556380160
16	$\mathcal{O}(3; \{2^4, 4^2\})$	33030144
16	$\mathcal{O}(3; \{2, 4^4\})$	132120576
16	$\mathcal{O}(3; \{2^2, 4, 8^2\})$	132120576
16	$\mathcal{O}(3; \{8^4\})$	1056964608
16	$\mathcal{O}(3; \{4, 8, 16^2\})$	1073741824
16	$\mathcal{O}(2; \{2^8, 4^2\})$	122880
16	$\mathcal{O}(2; \{2^5, 4^4\})$	491520
16	$\mathcal{O}(2; \{2^2, 4^6\})$	1966080
16	$\mathcal{O}(2; \{2^6, 4, 8^2\})$	491520
16	$\mathcal{O}(2; \{2^3, 4^3, 8^2\})$	1966080
16	$\mathcal{O}(2; \{4^5, 8^2\})$	7864320

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{2^4, 8^4\})$	3932160
16	$\mathcal{O}(2; \{2, 4^2, 8^4\})$	15728640
16	$\mathcal{O}(2; \{2^4, 4, 8, 16^2\})$	4194304
16	$\mathcal{O}(2; \{2, 4^3, 8, 16^2\})$	16777216
16	$\mathcal{O}(2; \{2^2, 8^3, 16^2\})$	33554432
16	$\mathcal{O}(2; \{2^2, 4, 16^4\})$	67108864
16	$\mathcal{O}(2; \{8^2, 16^4\})$	536870912
16	$\mathcal{O}(1; \{2^{12}, 4^2\})$	384
16	$\mathcal{O}(1; \{2^9, 4^4\})$	1536
16	$\mathcal{O}(1; \{2^6, 4^6\})$	6144
16	$\mathcal{O}(1; \{2^3, 4^8\})$	24576
16	$\mathcal{O}(1; \{4^{10}\})$	98304
16	$\mathcal{O}(1; \{2^{10}, 4, 8^2\})$	1536
16	$\mathcal{O}(1; \{2^7, 4^3, 8^2\})$	6144
16	$\mathcal{O}(1; \{2^4, 4^5, 8^2\})$	24576
16	$\mathcal{O}(1; \{2, 4^7, 8^2\})$	98304
16	$\mathcal{O}(1; \{2^8, 8^4\})$	12288
16	$\mathcal{O}(1; \{2^5, 4^2, 8^4\})$	49152
16	$\mathcal{O}(1; \{2^2, 4^4, 8^4\})$	196608
16	$\mathcal{O}(1; \{2^3, 4, 8^6\})$	393216
16	$\mathcal{O}(1; \{4^3, 8^6\})$	1572864
16	$\mathcal{O}(1; \{2, 8^8\})$	3145728
16	$\mathcal{O}(1; \{2^8, 4, 8, 16^2\})$	16384
16	$\mathcal{O}(1; \{2^5, 4^3, 8, 16^2\})$	65536
16	$\mathcal{O}(1; \{2^2, 4^5, 8, 16^2\})$	262144
16	$\mathcal{O}(1; \{2^6, 8^3, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^3, 4^2, 8^3, 16^2\})$	524288
16	$\mathcal{O}(1; \{4^4, 8^3, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2, 4, 8^5, 16^2\})$	4194304
16	$\mathcal{O}(1; \{2^6, 4, 16^4\})$	262144
16	$\mathcal{O}(1; \{2^3, 4^3, 16^4\})$	1048576
16	$\mathcal{O}(1; \{4^5, 16^4\})$	4194304
16	$\mathcal{O}(1; \{2^4, 8^2, 16^4\})$	2097152
16	$\mathcal{O}(1; \{2, 4^2, 8^2, 16^4\})$	8388608
16	$\mathcal{O}(1; \{2^2, 8, 16^6\})$	33554432
16	$\mathcal{O}(1; \{16^8\})$	536870912
16	$\mathcal{O}(0; \{2^{12}, 4, 8, 16^2\})$	64
16	$\mathcal{O}(0; \{2^9, 4^3, 8, 16^2\})$	256
16	$\mathcal{O}(0; \{2^6, 4^5, 8, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^3, 4^7, 8, 16^2\})$	4096
16	$\mathcal{O}(0; \{4^9, 8, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^{10}, 8^3, 16^2\})$	512
16	$\mathcal{O}(0; \{2^7, 4^2, 8^3, 16^2\})$	2048

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{2^4, 4^4, 8^3, 16^2\})$	8192
16	$\mathcal{O}(0; \{2, 4^6, 8^3, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^5, 4, 8^5, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^2, 4^3, 8^5, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^3, 8^7, 16^2\})$	131072
16	$\mathcal{O}(0; \{4^2, 8^7, 16^2\})$	524288
16	$\mathcal{O}(0; \{2^{10}, 4, 16^4\})$	1024
16	$\mathcal{O}(0; \{2^7, 4^3, 16^4\})$	4096
16	$\mathcal{O}(0; \{2^4, 4^5, 16^4\})$	16384
16	$\mathcal{O}(0; \{2, 4^7, 16^4\})$	65536
16	$\mathcal{O}(0; \{2^8, 8^2, 16^4\})$	8192
16	$\mathcal{O}(0; \{2^5, 4^2, 8^2, 16^4\})$	32768
16	$\mathcal{O}(0; \{2^2, 4^4, 8^2, 16^4\})$	131072
16	$\mathcal{O}(0; \{2^3, 4, 8^4, 16^4\})$	262144
16	$\mathcal{O}(0; \{4^3, 8^4, 16^4\})$	1048576
16	$\mathcal{O}(0; \{2, 8^6, 16^4\})$	2097152
16	$\mathcal{O}(0; \{2^6, 8, 16^6\})$	131072
16	$\mathcal{O}(0; \{2^3, 4^2, 8, 16^6\})$	524288
16	$\mathcal{O}(0; \{4^4, 8, 16^6\})$	2097152
16	$\mathcal{O}(0; \{2, 4, 8^3, 16^6\})$	4194304
16	$\mathcal{O}(0; \{2^4, 16^8\})$	2097152
16	$\mathcal{O}(0; \{2, 4^2, 16^8\})$	8388608
18	$\mathcal{O}(3; \{3^4\})$	200609136
18	$\mathcal{O}(3; \{2, 3^2, 6\})$	67931136
18	$\mathcal{O}(3; \{2^2, 6^2\})$	67931136
18	$\mathcal{O}(3; \{9^3\})$	602654094
18	$\mathcal{O}(3; \{6, 9, 18\})$	408146688
18	$\mathcal{O}(2; \{2^4, 3^4\})$	622080
18	$\mathcal{O}(2; \{3^7\})$	4082400
18	$\mathcal{O}(2; \{2^5, 3^2, 6\})$	207360
18	$\mathcal{O}(2; \{2, 3^5, 6\})$	2280960
18	$\mathcal{O}(2; \{2^6, 6^2\})$	207360
18	$\mathcal{O}(2; \{2^2, 3^3, 6^2\})$	1036800
18	$\mathcal{O}(2; \{2^3, 3, 6^3\})$	622080
18	$\mathcal{O}(2; \{3^2, 6^4\})$	2280960
18	$\mathcal{O}(2; \{2, 6^5\})$	1036800
18	$\mathcal{O}(2; \{2^4, 9^3\})$	1889568
18	$\mathcal{O}(2; \{3^3, 9^3\})$	14171760
18	$\mathcal{O}(2; \{2, 3, 6, 9^3\})$	7558272
18	$\mathcal{O}(2; \{2^3, 3^2, 9, 18\})$	2519424
18	$\mathcal{O}(2; \{2^4, 6, 9, 18\})$	1259712
18	$\mathcal{O}(2; \{3^3, 6, 9, 18\})$	10077696
18	$\mathcal{O}(2; \{2, 3, 6^2, 9, 18\})$	5038848

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{2^2, 9^2, 18^2\})$	17006112
18	$\mathcal{O}(2; \{2, 3^2, 18^3\})$	7558272
18	$\mathcal{O}(2; \{2^2, 6, 18^3\})$	3779136
18	$\mathcal{O}(2; \{9, 18^4\})$	85030560
18	$\mathcal{O}(1; \{2^8, 3^4\})$	1728
18	$\mathcal{O}(1; \{2^4, 3^7\})$	12096
18	$\mathcal{O}(1; \{3^{10}\})$	73872
18	$\mathcal{O}(1; \{2^9, 3^2, 6\})$	576
18	$\mathcal{O}(1; \{2^5, 3^5, 6\})$	6336
18	$\mathcal{O}(1; \{2, 3^8, 6\})$	48960
18	$\mathcal{O}(1; \{2^{10}, 6^2\})$	576
18	$\mathcal{O}(1; \{2^6, 3^3, 6^2\})$	2880
18	$\mathcal{O}(1; \{2^2, 3^6, 6^2\})$	24768
18	$\mathcal{O}(1; \{2^7, 3, 6^3\})$	1728
18	$\mathcal{O}(1; \{2^3, 3^4, 6^3\})$	12096
18	$\mathcal{O}(1; \{2^4, 3^2, 6^4\})$	6336
18	$\mathcal{O}(1; \{3^5, 6^4\})$	48960
18	$\mathcal{O}(1; \{2^5, 6^5\})$	2880
18	$\mathcal{O}(1; \{2, 3^3, 6^5\})$	24768
18	$\mathcal{O}(1; \{2^2, 3, 6^6\})$	12096
18	$\mathcal{O}(1; \{6^8\})$	24768
18	$\mathcal{O}(1; \{2^8, 9^3\})$	5832
18	$\mathcal{O}(1; \{2^4, 3^3, 9^3\})$	46656
18	$\mathcal{O}(1; \{3^6, 9^3\})$	279936
18	$\mathcal{O}(1; \{2^5, 3, 6, 9^3\})$	23328
18	$\mathcal{O}(1; \{2, 3^4, 6, 9^3\})$	186624
18	$\mathcal{O}(1; \{2^2, 3^2, 6^2, 9^3\})$	93312
18	$\mathcal{O}(1; \{2^3, 6^3, 9^3\})$	46656
18	$\mathcal{O}(1; \{3, 6^4, 9^3\})$	186624
18	$\mathcal{O}(1; \{3^2, 9^6\})$	5196312
18	$\mathcal{O}(1; \{2, 6, 9^6\})$	3464208
18	$\mathcal{O}(1; \{2^7, 3^2, 9, 18\})$	7776
18	$\mathcal{O}(1; \{2^3, 3^5, 9, 18\})$	62208
18	$\mathcal{O}(1; \{2^8, 6, 9, 18\})$	3888
18	$\mathcal{O}(1; \{2^4, 3^3, 6, 9, 18\})$	31104
18	$\mathcal{O}(1; \{3^6, 6, 9, 18\})$	248832
18	$\mathcal{O}(1; \{2^5, 3, 6^2, 9, 18\})$	15552
18	$\mathcal{O}(1; \{2, 3^4, 6^2, 9, 18\})$	124416
18	$\mathcal{O}(1; \{2^2, 3^2, 6^3, 9, 18\})$	62208
18	$\mathcal{O}(1; \{2^3, 6^4, 9, 18\})$	31104
18	$\mathcal{O}(1; \{3, 6^5, 9, 18\})$	124416
18	$\mathcal{O}(1; \{2^3, 3, 9^4, 18\})$	524880
18	$\mathcal{O}(1; \{3^2, 6, 9^4, 18\})$	2099520

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2, 6^2, 9^4, 18\})$	1049760
18	$\mathcal{O}(1; \{2^6, 9^2, 18^2\})$	52488
18	$\mathcal{O}(1; \{2^2, 3^3, 9^2, 18^2\})$	419904
18	$\mathcal{O}(1; \{2^3, 3, 6, 9^2, 18^2\})$	209952
18	$\mathcal{O}(1; \{3^2, 6^2, 9^2, 18^2\})$	839808
18	$\mathcal{O}(1; \{2, 6^3, 9^2, 18^2\})$	419904
18	$\mathcal{O}(1; \{2^5, 3^2, 18^3\})$	23328
18	$\mathcal{O}(1; \{2, 3^5, 18^3\})$	186624
18	$\mathcal{O}(1; \{2^6, 6, 18^3\})$	11664
18	$\mathcal{O}(1; \{2^2, 3^3, 6, 18^3\})$	93312
18	$\mathcal{O}(1; \{2^3, 3, 6^2, 18^3\})$	46656
18	$\mathcal{O}(1; \{3^2, 6^3, 18^3\})$	186624
18	$\mathcal{O}(1; \{2, 6^4, 18^3\})$	93312
18	$\mathcal{O}(1; \{2, 3, 9^3, 18^3\})$	3464208
18	$\mathcal{O}(1; \{2^4, 9, 18^4\})$	262440
18	$\mathcal{O}(1; \{3^3, 9, 18^4\})$	2099520
18	$\mathcal{O}(1; \{2, 3, 6, 9, 18^4\})$	1049760
18	$\mathcal{O}(1; \{2^2, 18^6\})$	1732104
18	$\mathcal{O}(0; \{2^{12}, 9^3\})$	18
18	$\mathcal{O}(0; \{2^8, 3^3, 9^3\})$	144
18	$\mathcal{O}(0; \{2^4, 3^6, 9^3\})$	1152
18	$\mathcal{O}(0; \{2^9, 3, 6, 9^3\})$	72
18	$\mathcal{O}(0; \{2^5, 3^4, 6, 9^3\})$	576
18	$\mathcal{O}(0; \{2, 3^7, 6, 9^3\})$	4608
18	$\mathcal{O}(0; \{2^6, 3^2, 6^2, 9^3\})$	288
18	$\mathcal{O}(0; \{2^2, 3^5, 6^2, 9^3\})$	2304
18	$\mathcal{O}(0; \{2^7, 6^3, 9^3\})$	144
18	$\mathcal{O}(0; \{2^3, 3^3, 6^3, 9^3\})$	1152
18	$\mathcal{O}(0; \{2^4, 3, 6^4, 9^3\})$	576
18	$\mathcal{O}(0; \{3^4, 6^4, 9^3\})$	4608
18	$\mathcal{O}(0; \{2, 3^2, 6^5, 9^3\})$	2304
18	$\mathcal{O}(0; \{2^2, 6^6, 9^3\})$	1152
18	$\mathcal{O}(0; \{2^4, 3^2, 9^6\})$	21384
18	$\mathcal{O}(0; \{2^5, 6, 9^6\})$	10692
18	$\mathcal{O}(0; \{2, 3^3, 6, 9^6\})$	85536
18	$\mathcal{O}(0; \{2^2, 3, 6^2, 9^6\})$	42768
18	$\mathcal{O}(0; \{6^4, 9^6\})$	85536
18	$\mathcal{O}(0; \{2^{11}, 3^2, 9, 18\})$	24
18	$\mathcal{O}(0; \{2^7, 3^5, 9, 18\})$	192
18	$\mathcal{O}(0; \{2^3, 3^8, 9, 18\})$	1536
18	$\mathcal{O}(0; \{2^{12}, 6, 9, 18\})$	12
18	$\mathcal{O}(0; \{2^8, 3^3, 6, 9, 18\})$	96
18	$\mathcal{O}(0; \{2^4, 3^6, 6, 9, 18\})$	768

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{3^9, 6, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^9, 3, 6^2, 9, 18\})$	48
18	$\mathcal{O}(0; \{2^5, 3^4, 6^2, 9, 18\})$	384
18	$\mathcal{O}(0; \{2, 3^7, 6^2, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2^6, 3^2, 6^3, 9, 18\})$	192
18	$\mathcal{O}(0; \{2^2, 3^5, 6^3, 9, 18\})$	1536
18	$\mathcal{O}(0; \{2^7, 6^4, 9, 18\})$	96
18	$\mathcal{O}(0; \{2^3, 3^3, 6^4, 9, 18\})$	768
18	$\mathcal{O}(0; \{2^4, 3, 6^5, 9, 18\})$	384
18	$\mathcal{O}(0; \{3^4, 6^5, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2, 3^2, 6^6, 9, 18\})$	1536
18	$\mathcal{O}(0; \{2^2, 6^7, 9, 18\})$	768
18	$\mathcal{O}(0; \{2^7, 3, 9^4, 18\})$	1620
18	$\mathcal{O}(0; \{2^3, 3^4, 9^4, 18\})$	12960
18	$\mathcal{O}(0; \{2^4, 3^2, 6, 9^4, 18\})$	6480
18	$\mathcal{O}(0; \{3^5, 6, 9^4, 18\})$	51840
18	$\mathcal{O}(0; \{2^5, 6^2, 9^4, 18\})$	3240
18	$\mathcal{O}(0; \{2, 3^3, 6^2, 9^4, 18\})$	25920
18	$\mathcal{O}(0; \{2^2, 3, 6^3, 9^4, 18\})$	12960
18	$\mathcal{O}(0; \{6^5, 9^4, 18\})$	25920
18	$\mathcal{O}(0; \{2^3, 9^7, 18\})$	188082
18	$\mathcal{O}(0; \{3, 6, 9^7, 18\})$	752328
18	$\mathcal{O}(0; \{2^{10}, 9^2, 18^2\})$	162
18	$\mathcal{O}(0; \{2^6, 3^3, 9^2, 18^2\})$	1296
18	$\mathcal{O}(0; \{2^2, 3^6, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{2^7, 3, 6, 9^2, 18^2\})$	648
18	$\mathcal{O}(0; \{2^3, 3^4, 6, 9^2, 18^2\})$	5184
18	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 9^2, 18^2\})$	2592
18	$\mathcal{O}(0; \{3^5, 6^2, 9^2, 18^2\})$	20736
18	$\mathcal{O}(0; \{2^5, 6^3, 9^2, 18^2\})$	1296
18	$\mathcal{O}(0; \{2, 3^3, 6^3, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{2^2, 3, 6^4, 9^2, 18^2\})$	5184
18	$\mathcal{O}(0; \{6^6, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{2^2, 3^2, 9^5, 18^2\})$	122472
18	$\mathcal{O}(0; \{2^3, 6, 9^5, 18^2\})$	61236
18	$\mathcal{O}(0; \{3, 6^2, 9^5, 18^2\})$	244944
18	$\mathcal{O}(0; \{2^9, 3^2, 18^3\})$	72
18	$\mathcal{O}(0; \{2^5, 3^5, 18^3\})$	576
18	$\mathcal{O}(0; \{2, 3^8, 18^3\})$	4608
18	$\mathcal{O}(0; \{2^{10}, 6, 18^3\})$	36
18	$\mathcal{O}(0; \{2^6, 3^3, 6, 18^3\})$	288
18	$\mathcal{O}(0; \{2^2, 3^6, 6, 18^3\})$	2304
18	$\mathcal{O}(0; \{2^7, 3, 6^2, 18^3\})$	144

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^3, 3^4, 6^2, 18^3\})$	1152
18	$\mathcal{O}(0; \{2^4, 3^2, 6^3, 18^3\})$	576
18	$\mathcal{O}(0; \{3^5, 6^3, 18^3\})$	4608
18	$\mathcal{O}(0; \{2^5, 6^4, 18^3\})$	288
18	$\mathcal{O}(0; \{2, 3^3, 6^4, 18^3\})$	2304
18	$\mathcal{O}(0; \{2^2, 3, 6^5, 18^3\})$	1152
18	$\mathcal{O}(0; \{6^7, 18^3\})$	2304
18	$\mathcal{O}(0; \{2^5, 3, 9^3, 18^3\})$	10692
18	$\mathcal{O}(0; \{2, 3^4, 9^3, 18^3\})$	85536
18	$\mathcal{O}(0; \{2^2, 3^2, 6, 9^3, 18^3\})$	42768
18	$\mathcal{O}(0; \{2^3, 6^2, 9^3, 18^3\})$	21384
18	$\mathcal{O}(0; \{3, 6^3, 9^3, 18^3\})$	85536
18	$\mathcal{O}(0; \{2, 9^6, 18^3\})$	1115370
18	$\mathcal{O}(0; \{2^8, 9, 18^4\})$	810
18	$\mathcal{O}(0; \{2^4, 3^3, 9, 18^4\})$	6480
18	$\mathcal{O}(0; \{3^6, 9, 18^4\})$	51840
18	$\mathcal{O}(0; \{2^5, 3, 6, 9, 18^4\})$	3240
18	$\mathcal{O}(0; \{2, 3^4, 6, 9, 18^4\})$	25920
18	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 9, 18^4\})$	12960
18	$\mathcal{O}(0; \{2^3, 6^3, 9, 18^4\})$	6480
18	$\mathcal{O}(0; \{3, 6^4, 9, 18^4\})$	25920
18	$\mathcal{O}(0; \{3^2, 9^4, 18^4\})$	752328
18	$\mathcal{O}(0; \{2, 6, 9^4, 18^4\})$	376164
18	$\mathcal{O}(0; \{2^3, 3, 9^2, 18^5\})$	61236
18	$\mathcal{O}(0; \{3^2, 6, 9^2, 18^5\})$	244944
18	$\mathcal{O}(0; \{2, 6^2, 9^2, 18^5\})$	122472
18	$\mathcal{O}(0; \{2^6, 18^6\})$	5346
18	$\mathcal{O}(0; \{2^2, 3^3, 18^6\})$	42768
18	$\mathcal{O}(0; \{2^3, 3, 6, 18^6\})$	21384
18	$\mathcal{O}(0; \{3^2, 6^2, 18^6\})$	85536
18	$\mathcal{O}(0; \{2, 6^3, 18^6\})$	42768
18	$\mathcal{O}(0; \{2, 3, 9, 18^7\})$	376164
20	$\mathcal{O}(4; \emptyset)$	25499934720
20	$\mathcal{O}(3; \{2^4\})$	62995968
20	$\mathcal{O}(3; \{2, 4^2\})$	127991808
20	$\mathcal{O}(2; \{2^8\})$	149760
20	$\mathcal{O}(2; \{2^5, 4^2\})$	319488
20	$\mathcal{O}(2; \{2^2, 4^4\})$	1277952
20	$\mathcal{O}(2; \{5^5\})$	30600000
20	$\mathcal{O}(2; \{2^3, 5^2, 10\})$	1800000
20	$\mathcal{O}(2; \{4^2, 5^2, 10\})$	3840000
20	$\mathcal{O}(2; \{2, 5, 10^3\})$	7800000
20	$\mathcal{O}(2; \{2^3, 4, 5, 20\})$	1280000

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{4^3, 5, 20\})$	5120000
20	$\mathcal{O}(2; \{2, 4, 10^2, 20\})$	3840000
20	$\mathcal{O}(2; \{2, 5^2, 20^2\})$	16640000
20	$\mathcal{O}(1; \{2^{12}\})$	288
20	$\mathcal{O}(1; \{2^9, 4^2\})$	768
20	$\mathcal{O}(1; \{2^6, 4^4\})$	3072
20	$\mathcal{O}(1; \{2^3, 4^6\})$	12288
20	$\mathcal{O}(1; \{4^8\})$	49152
20	$\mathcal{O}(1; \{2^4, 5^5\})$	61200
20	$\mathcal{O}(1; \{2, 4^2, 5^5\})$	163200
20	$\mathcal{O}(1; \{2^7, 5^2, 10\})$	3600
20	$\mathcal{O}(1; \{2^4, 4^2, 5^2, 10\})$	9600
20	$\mathcal{O}(1; \{2, 4^4, 5^2, 10\})$	38400
20	$\mathcal{O}(1; \{2^2, 5^4, 10^2\})$	246000
20	$\mathcal{O}(1; \{2^5, 5, 10^3\})$	15600
20	$\mathcal{O}(1; \{2^2, 4^2, 5, 10^3\})$	41600
20	$\mathcal{O}(1; \{5^3, 10^4\})$	982800
20	$\mathcal{O}(1; \{2^3, 10^5\})$	61200
20	$\mathcal{O}(1; \{4^2, 10^5\})$	163200
20	$\mathcal{O}(1; \{2^7, 4, 5, 20\})$	3200
20	$\mathcal{O}(1; \{2^4, 4^3, 5, 20\})$	12800
20	$\mathcal{O}(1; \{2, 4^5, 5, 20\})$	51200
20	$\mathcal{O}(1; \{2^2, 4, 5^3, 10, 20\})$	163200
20	$\mathcal{O}(1; \{2^5, 4, 10^2, 20\})$	9600
20	$\mathcal{O}(1; \{2^2, 4^3, 10^2, 20\})$	38400
20	$\mathcal{O}(1; \{4, 5^2, 10^3, 20\})$	656000
20	$\mathcal{O}(1; \{2^5, 5^2, 20^2\})$	41600
20	$\mathcal{O}(1; \{2^2, 4^2, 5^2, 20^2\})$	166400
20	$\mathcal{O}(1; \{5^4, 10, 20^2\})$	2620800
20	$\mathcal{O}(1; \{2^3, 5, 10^2, 20^2\})$	163200
20	$\mathcal{O}(1; \{4^2, 5, 10^2, 20^2\})$	652800
20	$\mathcal{O}(1; \{2, 10^4, 20^2\})$	656000
20	$\mathcal{O}(1; \{4, 5^3, 20^3\})$	2624000
20	$\mathcal{O}(1; \{2^3, 4, 10, 20^3\})$	166400
20	$\mathcal{O}(1; \{4^3, 10, 20^3\})$	665600
20	$\mathcal{O}(1; \{2, 5, 10, 20^4\})$	2624000
20	$\mathcal{O}(1; \{2, 4, 20^5\})$	2611200
20	$\mathcal{O}(0; \{2^5, 4^2, 5^3\})$	408
20	$\mathcal{O}(0; \{2^2, 4^4, 5^5\})$	1632
20	$\mathcal{O}(0; \{2^8, 4^2, 5^2, 10\})$	24
20	$\mathcal{O}(0; \{2^5, 4^4, 5^2, 10\})$	96
20	$\mathcal{O}(0; \{2^2, 4^6, 5^2, 10\})$	384
20	$\mathcal{O}(0; \{4^2, 5^7, 10\})$	26216

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

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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	$\mathcal{O}(0; \{2^4, 4^3, 10, 20^3\})$	1664
20	$\mathcal{O}(0; \{2, 4^5, 10, 20^3\})$	6656
20	$\mathcal{O}(0; \{2^2, 4, 5^2, 10^2, 20^3\})$	26208
20	$\mathcal{O}(0; \{4, 5, 10^4, 20^3\})$	104864
20	$\mathcal{O}(0; \{2^2, 5^4, 20^4\})$	104864
20	$\mathcal{O}(0; \{2^5, 5, 10, 20^4\})$	6560
20	$\mathcal{O}(0; \{2^2, 4^2, 5, 10, 20^4\})$	26240
20	$\mathcal{O}(0; \{5^3, 10^2, 20^4\})$	419424
20	$\mathcal{O}(0; \{2^3, 10^3, 20^4\})$	26208
20	$\mathcal{O}(0; \{4^2, 10^3, 20^4\})$	104832
20	$\mathcal{O}(0; \{2^5, 4, 20^5\})$	6528
20	$\mathcal{O}(0; \{2^2, 4^3, 20^5\})$	26112
20	$\mathcal{O}(0; \{4, 5^2, 10, 20^5\})$	419456
20	$\mathcal{O}(0; \{2^3, 5, 20^6\})$	104832
20	$\mathcal{O}(0; \{4^2, 5, 20^6\})$	419328
20	$\mathcal{O}(0; \{2, 10^2, 20^6\})$	419456
21	$\mathcal{O}(3; \{7^2\})$	513890832
21	$\mathcal{O}(2; \{3^3, 7^2\})$	2333772
21	$\mathcal{O}(2; \{7, 21^3\})$	72346932
21	$\mathcal{O}(1; \{3^6, 7^2\})$	58212
21	$\mathcal{O}(1; \{3^2, 7^4, 21\})$	979020
21	$\mathcal{O}(1; \{3^3, 7, 21^3\})$	1804572
21	$\mathcal{O}(1; \{21^6\})$	64673532
21	$\mathcal{O}(0; \{3^9, 7^2\})$	1020
21	$\mathcal{O}(0; \{3^5, 7^4, 21\})$	24420
21	$\mathcal{O}(0; \{3, 7^6, 21^2\})$	479892
21	$\mathcal{O}(0; \{3^6, 7, 21^3\})$	31620
21	$\mathcal{O}(0; \{3^2, 7^3, 21^4\})$	879780
21	$\mathcal{O}(0; \{3^3, 21^6\})$	1133220
22	$\mathcal{O}(1; \{11^6\})$	33000330
22	$\mathcal{O}(0; \{2^4, 11^6\})$	90910
22	$\mathcal{O}(0; \{2^2, 11^5, 22^2\})$	909090
22	$\mathcal{O}(0; \{11^4, 22^4\})$	9090910
24	$\mathcal{O}(3; \{2^2\})$	187858944
24	$\mathcal{O}(2; \{2^6\})$	307200
24	$\mathcal{O}(2; \{2^2, 3^3\})$	622080
24	$\mathcal{O}(2; \{2^3, 4^2\})$	614400
24	$\mathcal{O}(2; \{4^4\})$	2457600
24	$\mathcal{O}(2; \{2^3, 3, 6\})$	622080
24	$\mathcal{O}(2; \{3, 4^2, 6\})$	1244160
24	$\mathcal{O}(2; \{3^2, 6^2\})$	1866240
24	$\mathcal{O}(2; \{2, 6^3\})$	622080
24	$\mathcal{O}(2; \{2, 4, 8^2\})$	2621440

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{3^2, 4, 12\})$	1244160
24	$\mathcal{O}(2; \{2, 4, 6, 12\})$	1244160
24	$\mathcal{O}(2; \{2, 3, 12^2\})$	1244160
24	$\mathcal{O}(2; \{2, 3, 8, 24\})$	2654208
24	$\mathcal{O}(1; \{2^{10}\})$	384
24	$\mathcal{O}(1; \{2^6, 3^3\})$	864
24	$\mathcal{O}(1; \{2^2, 3^6\})$	9504
24	$\mathcal{O}(1; \{2^7, 4^2\})$	768
24	$\mathcal{O}(1; \{2^3, 3^3, 4^2\})$	1728
24	$\mathcal{O}(1; \{2^4, 4^4\})$	3072
24	$\mathcal{O}(1; \{3^3, 4^4\})$	6912
24	$\mathcal{O}(1; \{2, 4^6\})$	12288
24	$\mathcal{O}(1; \{2^7, 3, 6\})$	864
24	$\mathcal{O}(1; \{2^3, 3^4, 6\})$	4320
24	$\mathcal{O}(1; \{2^4, 3, 4^2, 6\})$	1728
24	$\mathcal{O}(1; \{3^4, 4^2, 6\})$	8640
24	$\mathcal{O}(1; \{2, 3, 4^4, 6\})$	6912
24	$\mathcal{O}(1; \{2^4, 3^2, 6^2\})$	2592
24	$\mathcal{O}(1; \{3^5, 6^2\})$	18144
24	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^2\})$	5184
24	$\mathcal{O}(1; \{2^5, 6^3\})$	864
24	$\mathcal{O}(1; \{2, 3^3, 6^3\})$	9504
24	$\mathcal{O}(1; \{2^2, 4^2, 6^3\})$	1728
24	$\mathcal{O}(1; \{2^2, 3, 6^4\})$	4320
24	$\mathcal{O}(1; \{6^6\})$	9504
24	$\mathcal{O}(1; \{2^5, 4, 8^2\})$	4096
24	$\mathcal{O}(1; \{2, 3^3, 4, 8^2\})$	9216
24	$\mathcal{O}(1; \{2^2, 4^3, 8^2\})$	16384
24	$\mathcal{O}(1; \{2^2, 3, 4, 6, 8^2\})$	9216
24	$\mathcal{O}(1; \{4, 6^3, 8^2\})$	9216
24	$\mathcal{O}(1; \{2^3, 8^4\})$	32768
24	$\mathcal{O}(1; \{4^2, 8^4\})$	131072
24	$\mathcal{O}(1; \{3, 6, 8^4\})$	73728
24	$\mathcal{O}(1; \{2^4, 3^2, 4, 12\})$	1728
24	$\mathcal{O}(1; \{3^5, 4, 12\})$	19008
24	$\mathcal{O}(1; \{2, 3^2, 4^3, 12\})$	6912
24	$\mathcal{O}(1; \{2^5, 4, 6, 12\})$	1728
24	$\mathcal{O}(1; \{2, 3^3, 4, 6, 12\})$	8640
24	$\mathcal{O}(1; \{2^2, 4^3, 6, 12\})$	6912
24	$\mathcal{O}(1; \{2^2, 3, 4, 6^2, 12\})$	5184
24	$\mathcal{O}(1; \{4, 6^4, 12\})$	8640
24	$\mathcal{O}(1; \{2^2, 3^2, 8^2, 12\})$	9216
24	$\mathcal{O}(1; \{2^3, 6, 8^2, 12\})$	9216

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{4^2, 6, 8^2, 12\})$	36864
24	$\mathcal{O}(1; \{3, 6^2, 8^2, 12\})$	27648
24	$\mathcal{O}(1; \{2^5, 3, 12^2\})$	1728
24	$\mathcal{O}(1; \{2, 3^4, 12^2\})$	19008
24	$\mathcal{O}(1; \{2^2, 3, 4^2, 12^2\})$	6912
24	$\mathcal{O}(1; \{2^2, 3^2, 6, 12^2\})$	8640
24	$\mathcal{O}(1; \{2^3, 6^2, 12^2\})$	5184
24	$\mathcal{O}(1; \{4^2, 6^2, 12^2\})$	20736
24	$\mathcal{O}(1; \{3, 6^3, 12^2\})$	19008
24	$\mathcal{O}(1; \{3, 4, 8^2, 12^2\})$	36864
24	$\mathcal{O}(1; \{2^3, 4, 12^3\})$	6912
24	$\mathcal{O}(1; \{4^3, 12^3\})$	27648
24	$\mathcal{O}(1; \{3, 4, 6, 12^3\})$	34560
24	$\mathcal{O}(1; \{2, 8^2, 12^3\})$	36864
24	$\mathcal{O}(1; \{3^2, 12^4\})$	76032
24	$\mathcal{O}(1; \{2, 6, 12^4\})$	34560
24	$\mathcal{O}(1; \{2^5, 3, 8, 24\})$	4608
24	$\mathcal{O}(1; \{2, 3^4, 8, 24\})$	23040
24	$\mathcal{O}(1; \{2^2, 3, 4^2, 8, 24\})$	18432
24	$\mathcal{O}(1; \{2^2, 3^2, 6, 8, 24\})$	13824
24	$\mathcal{O}(1; \{2^3, 6^2, 8, 24\})$	4608
24	$\mathcal{O}(1; \{4^2, 6^2, 8, 24\})$	18432
24	$\mathcal{O}(1; \{3, 6^3, 8, 24\})$	23040
24	$\mathcal{O}(1; \{3, 4, 8^3, 24\})$	147456
24	$\mathcal{O}(1; \{2^3, 4, 8, 12, 24\})$	18432
24	$\mathcal{O}(1; \{4^3, 8, 12, 24\})$	73728
24	$\mathcal{O}(1; \{3, 4, 6, 8, 12, 24\})$	55296
24	$\mathcal{O}(1; \{2, 8^3, 12, 24\})$	147456
24	$\mathcal{O}(1; \{3^2, 8, 12^2, 24\})$	92160
24	$\mathcal{O}(1; \{2, 6, 8, 12^2, 24\})$	55296
24	$\mathcal{O}(1; \{2^2, 3^2, 4, 24^2\})$	27648
24	$\mathcal{O}(1; \{2^3, 4, 6, 24^2\})$	9216
24	$\mathcal{O}(1; \{4^3, 6, 24^2\})$	36864
24	$\mathcal{O}(1; \{3, 4, 6^2, 24^2\})$	46080
24	$\mathcal{O}(1; \{3^2, 8^2, 24^2\})$	221184
24	$\mathcal{O}(1; \{2, 6, 8^2, 24^2\})$	73728
24	$\mathcal{O}(1; \{2^3, 3, 12, 24^2\})$	27648
24	$\mathcal{O}(1; \{3, 4^2, 12, 24^2\})$	110592
24	$\mathcal{O}(1; \{3^2, 6, 12, 24^2\})$	101376
24	$\mathcal{O}(1; \{2, 6^2, 12, 24^2\})$	46080
24	$\mathcal{O}(1; \{2, 4, 12^2, 24^2\})$	110592
24	$\mathcal{O}(1; \{2, 4, 8, 24^3\})$	147456
24	$\mathcal{O}(1; \{2, 3, 24^4\})$	368640

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Table 1 – continued from previous page

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

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{6^2, 8^4, 12^2\})$	1536
24	$\mathcal{O}(0; \{2^5, 8^2, 12^3\})$	64
24	$\mathcal{O}(0; \{2, 3^3, 8^2, 12^3\})$	704
24	$\mathcal{O}(0; \{2^2, 4^2, 8^2, 12^3\})$	256
24	$\mathcal{O}(0; \{2^2, 3, 6, 8^2, 12^3\})$	320
24	$\mathcal{O}(0; \{6^3, 8^2, 12^3\})$	704
24	$\mathcal{O}(0; \{4, 8^4, 12^3\})$	2048
24	$\mathcal{O}(0; \{4, 6, 8^2, 12^4\})$	1280
24	$\mathcal{O}(0; \{3, 8^2, 12^5\})$	2816
24	$\mathcal{O}(0; \{2^9, 3, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^5, 3^4, 8, 24\})$	40
24	$\mathcal{O}(0; \{2, 3^7, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^6, 3, 4^2, 8, 24\})$	32
24	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 8, 24\})$	160
24	$\mathcal{O}(0; \{2^3, 3, 4^4, 8, 24\})$	128
24	$\mathcal{O}(0; \{3, 4^6, 8, 24\})$	512
24	$\mathcal{O}(0; \{2^6, 3^2, 6, 8, 24\})$	24
24	$\mathcal{O}(0; \{2^2, 3^5, 6, 8, 24\})$	168
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6, 8, 24\})$	96
24	$\mathcal{O}(0; \{3^2, 4^4, 6, 8, 24\})$	384
24	$\mathcal{O}(0; \{2^7, 6^2, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 8, 24\})$	88
24	$\mathcal{O}(0; \{2^4, 4^2, 6^2, 8, 24\})$	32
24	$\mathcal{O}(0; \{3^3, 4^2, 6^2, 8, 24\})$	352
24	$\mathcal{O}(0; \{2, 4^4, 6^2, 8, 24\})$	128
24	$\mathcal{O}(0; \{2^4, 3, 6^3, 8, 24\})$	40
24	$\mathcal{O}(0; \{3^4, 6^3, 8, 24\})$	344
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^3, 8, 24\})$	160
24	$\mathcal{O}(0; \{2, 3^2, 6^4, 8, 24\})$	168
24	$\mathcal{O}(0; \{2^2, 6^5, 8, 24\})$	88
24	$\mathcal{O}(0; \{2^4, 3, 4, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{3^4, 4, 8^3, 24\})$	1280
24	$\mathcal{O}(0; \{2, 3, 4^3, 8^3, 24\})$	1024
24	$\mathcal{O}(0; \{2, 3^2, 4, 6, 8^3, 24\})$	768
24	$\mathcal{O}(0; \{2^2, 4, 6^2, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{2^2, 3, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{6^2, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{2^7, 4, 8, 12, 24\})$	32
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 8, 12, 24\})$	160
24	$\mathcal{O}(0; \{2^4, 4^3, 8, 12, 24\})$	128
24	$\mathcal{O}(0; \{3^3, 4^3, 8, 12, 24\})$	640
24	$\mathcal{O}(0; \{2, 4^5, 8, 12, 24\})$	512
24	$\mathcal{O}(0; \{2^4, 3, 4, 6, 8, 12, 24\})$	96

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^4, 4, 6, 8, 12, 24\})$	672
24	$\mathcal{O}(0; \{2, 3, 4^3, 6, 8, 12, 24\})$	384
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^2, 8, 12, 24\})$	352
24	$\mathcal{O}(0; \{2^2, 4, 6^3, 8, 12, 24\})$	160
24	$\mathcal{O}(0; \{2^5, 8^3, 12, 24\})$	256
24	$\mathcal{O}(0; \{2, 3^3, 8^3, 12, 24\})$	1280
24	$\mathcal{O}(0; \{2^2, 4^2, 8^3, 12, 24\})$	1024
24	$\mathcal{O}(0; \{2^2, 3, 6, 8^3, 12, 24\})$	768
24	$\mathcal{O}(0; \{6^3, 8^3, 12, 24\})$	1280
24	$\mathcal{O}(0; \{4, 8^5, 12, 24\})$	8192
24	$\mathcal{O}(0; \{2^4, 3^2, 8, 12^2, 24\})$	160
24	$\mathcal{O}(0; \{3^5, 8, 12^2, 24\})$	1376
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 8, 12^2, 24\})$	640
24	$\mathcal{O}(0; \{2^5, 6, 8, 12^2, 24\})$	96
24	$\mathcal{O}(0; \{2, 3^3, 6, 8, 12^2, 24\})$	672
24	$\mathcal{O}(0; \{2^2, 4^2, 6, 8, 12^2, 24\})$	384
24	$\mathcal{O}(0; \{2^2, 3, 6^2, 8, 12^2, 24\})$	352
24	$\mathcal{O}(0; \{6^4, 8, 12^2, 24\})$	672
24	$\mathcal{O}(0; \{4, 6, 8^3, 12^2, 24\})$	3072
24	$\mathcal{O}(0; \{2^2, 3, 4, 8, 12^3, 24\})$	640
24	$\mathcal{O}(0; \{4, 6^2, 8, 12^3, 24\})$	1408
24	$\mathcal{O}(0; \{3, 8^3, 12^3, 24\})$	5120
24	$\mathcal{O}(0; \{2^3, 8, 12^4, 24\})$	640
24	$\mathcal{O}(0; \{4^2, 8, 12^4, 24\})$	2560
24	$\mathcal{O}(0; \{3, 6, 8, 12^4, 24\})$	2688
24	$\mathcal{O}(0; \{2^6, 3^2, 4, 24^2\})$	48
24	$\mathcal{O}(0; \{2^2, 3^5, 4, 24^2\})$	336
24	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 24^2\})$	192
24	$\mathcal{O}(0; \{3^2, 4^5, 24^2\})$	768
24	$\mathcal{O}(0; \{2^7, 4, 6, 24^2\})$	16
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 6, 24^2\})$	176
24	$\mathcal{O}(0; \{2^4, 4^3, 6, 24^2\})$	64
24	$\mathcal{O}(0; \{3^3, 4^3, 6, 24^2\})$	704
24	$\mathcal{O}(0; \{2, 4^5, 6, 24^2\})$	256
24	$\mathcal{O}(0; \{2^4, 3, 4, 6^2, 24^2\})$	80
24	$\mathcal{O}(0; \{3^4, 4, 6^2, 24^2\})$	688
24	$\mathcal{O}(0; \{2, 3, 4^3, 6^2, 24^2\})$	320
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^3, 24^2\})$	336
24	$\mathcal{O}(0; \{2^2, 4, 6^4, 24^2\})$	176
24	$\mathcal{O}(0; \{2^4, 3^2, 8^2, 24^2\})$	384
24	$\mathcal{O}(0; \{3^5, 8^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 8^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^5, 6, 8^2, 24^2\})$	128

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 3^3, 6, 8^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^2, 4^2, 6, 8^2, 24^2\})$	512
24	$\mathcal{O}(0; \{2^2, 3, 6^2, 8^2, 24^2\})$	640
24	$\mathcal{O}(0; \{6^4, 8^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{4, 6, 8^4, 24^2\})$	4096
24	$\mathcal{O}(0; \{2^7, 3, 12, 24^2\})$	48
24	$\mathcal{O}(0; \{2^3, 3^4, 12, 24^2\})$	336
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 12, 24^2\})$	192
24	$\mathcal{O}(0; \{3^4, 4^2, 12, 24^2\})$	1344
24	$\mathcal{O}(0; \{2, 3, 4^4, 12, 24^2\})$	768
24	$\mathcal{O}(0; \{2^4, 3^2, 6, 12, 24^2\})$	176
24	$\mathcal{O}(0; \{3^5, 6, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6, 12, 24^2\})$	704
24	$\mathcal{O}(0; \{2^5, 6^2, 12, 24^2\})$	80
24	$\mathcal{O}(0; \{2, 3^3, 6^2, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{2^2, 4^2, 6^2, 12, 24^2\})$	320
24	$\mathcal{O}(0; \{2^2, 3, 6^3, 12, 24^2\})$	336
24	$\mathcal{O}(0; \{6^5, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{2^2, 3, 4, 8^2, 12, 24^2\})$	1536
24	$\mathcal{O}(0; \{4, 6^2, 8^2, 12, 24^2\})$	2560
24	$\mathcal{O}(0; \{3, 8^4, 12, 24^2\})$	12288
24	$\mathcal{O}(0; \{2^5, 4, 12^2, 24^2\})$	192
24	$\mathcal{O}(0; \{2, 3^3, 4, 12^2, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^2, 4^3, 12^2, 24^2\})$	768
24	$\mathcal{O}(0; \{2^2, 3, 4, 6, 12^2, 24^2\})$	704
24	$\mathcal{O}(0; \{4, 6^3, 12^2, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^3, 8^2, 12^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{4^2, 8^2, 12^2, 24^2\})$	6144
24	$\mathcal{O}(0; \{3, 6, 8^2, 12^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^2, 3^2, 12^3, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^3, 6, 12^3, 24^2\})$	704
24	$\mathcal{O}(0; \{4^2, 6, 12^3, 24^2\})$	2816
24	$\mathcal{O}(0; \{3, 6^2, 12^3, 24^2\})$	2752
24	$\mathcal{O}(0; \{3, 4, 12^4, 24^2\})$	5376
24	$\mathcal{O}(0; \{2, 12^5, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^5, 4, 8, 24^3\})$	256
24	$\mathcal{O}(0; \{2, 3^3, 4, 8, 24^3\})$	2816
24	$\mathcal{O}(0; \{2^2, 4^3, 8, 24^3\})$	1024
24	$\mathcal{O}(0; \{2^2, 3, 4, 6, 8, 24^3\})$	1280
24	$\mathcal{O}(0; \{4, 6^3, 8, 24^3\})$	2816
24	$\mathcal{O}(0; \{2^3, 8^3, 24^3\})$	2048
24	$\mathcal{O}(0; \{4^2, 8^3, 24^3\})$	8192
24	$\mathcal{O}(0; \{3, 6, 8^3, 24^3\})$	10240

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^2, 3^2, 8, 12, 24^3\})$	2816
24	$\mathcal{O}(0; \{2^3, 6, 8, 12, 24^3\})$	1280
24	$\mathcal{O}(0; \{4^2, 6, 8, 12, 24^3\})$	5120
24	$\mathcal{O}(0; \{3, 6^2, 8, 12, 24^3\})$	5376
24	$\mathcal{O}(0; \{3, 4, 8, 12^2, 24^3\})$	11264
24	$\mathcal{O}(0; \{2, 8, 12^3, 24^3\})$	11264
24	$\mathcal{O}(0; \{2^5, 3, 24^4\})$	640
24	$\mathcal{O}(0; \{2, 3^4, 24^4\})$	5504
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 24^4\})$	2560
24	$\mathcal{O}(0; \{2^2, 3^2, 6, 24^4\})$	2688
24	$\mathcal{O}(0; \{2^3, 6^2, 24^4\})$	1408
24	$\mathcal{O}(0; \{4^2, 6^2, 24^4\})$	5632
24	$\mathcal{O}(0; \{3, 6^3, 24^4\})$	5504
24	$\mathcal{O}(0; \{3, 4, 8^2, 24^4\})$	20480
24	$\mathcal{O}(0; \{2^3, 4, 12, 24^4\})$	2560
24	$\mathcal{O}(0; \{4^3, 12, 24^4\})$	10240
24	$\mathcal{O}(0; \{3, 4, 6, 12, 24^4\})$	10752
24	$\mathcal{O}(0; \{2, 8^2, 12, 24^4\})$	20480
24	$\mathcal{O}(0; \{3^2, 12^2, 24^4\})$	22016
24	$\mathcal{O}(0; \{2, 6, 12^2, 24^4\})$	10752
24	$\mathcal{O}(0; \{3^2, 8, 24^5\})$	43008
24	$\mathcal{O}(0; \{2, 6, 8, 24^5\})$	22528
24	$\mathcal{O}(0; \{2, 4, 24^6\})$	45056
25	$\mathcal{O}(1; \{5^6\})$	492000
25	$\mathcal{O}(1; \{25^5\})$	79687500
26	$\mathcal{O}(1; \{13^5\})$	9703980
26	$\mathcal{O}(0; \{2^4, 13^5\})$	19140
26	$\mathcal{O}(0; \{2^2, 13^4, 26^2\})$	229692
26	$\mathcal{O}(0; \{13^3, 26^4\})$	2756292
27	$\mathcal{O}(2; \{3, 9^2\})$	6298560
27	$\mathcal{O}(1; \{3^4, 9^2\})$	62208
27	$\mathcal{O}(1; \{9^5\})$	524880
27	$\mathcal{O}(1; \{3, 9, 27^3\})$	1417176
27	$\mathcal{O}(0; \{3^4, 9, 27^3\})$	15552
27	$\mathcal{O}(0; \{9^4, 27^3\})$	209952
27	$\mathcal{O}(0; \{3, 27^6\})$	2598156
28	$\mathcal{O}(2; \{2, 7, 14\})$	3457440
28	$\mathcal{O}(1; \{7^5\})$	652680
28	$\mathcal{O}(1; \{2^5, 7, 14\})$	3528
28	$\mathcal{O}(1; \{2^2, 4^2, 7, 14\})$	9408
28	$\mathcal{O}(1; \{2^3, 14^3\})$	17640
28	$\mathcal{O}(1; \{4^2, 14^3\})$	47040
28	$\mathcal{O}(1; \{4, 7^3, 28\})$	291648

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(1; \{2^3, 7, 28^2\})$	47040
28	$\mathcal{O}(1; \{4^2, 7, 28^2\})$	188160
28	$\mathcal{O}(1; \{2, 14^2, 28^2\})$	291648
28	$\mathcal{O}(0; \{2, 4^2, 7^5\})$	2220
28	$\mathcal{O}(0; \{2^6, 4^2, 7, 14\})$	12
28	$\mathcal{O}(0; \{2^3, 4^4, 7, 14\})$	48
28	$\mathcal{O}(0; \{4^6, 7, 14\})$	192
28	$\mathcal{O}(0; \{2^4, 4^2, 14^3\})$	60
28	$\mathcal{O}(0; \{2, 4^4, 14^3\})$	240
28	$\mathcal{O}(0; \{2^4, 4, 7^3, 28\})$	372
28	$\mathcal{O}(0; \{2, 4^3, 7^3, 28\})$	1488
28	$\mathcal{O}(0; \{2^2, 4, 7^2, 14^2, 28\})$	2220
28	$\mathcal{O}(0; \{4, 7, 14^4, 28\})$	13332
28	$\mathcal{O}(0; \{2^7, 7, 28^2\})$	60
28	$\mathcal{O}(0; \{2^4, 4^2, 7, 28^2\})$	240
28	$\mathcal{O}(0; \{2, 4^4, 7, 28^2\})$	960
28	$\mathcal{O}(0; \{7^4, 14, 28^2\})$	79980
28	$\mathcal{O}(0; \{2^5, 14^2, 28^2\})$	372
28	$\mathcal{O}(0; \{2^2, 4^2, 14^2, 28^2\})$	1488
28	$\mathcal{O}(0; \{4, 7^2, 14, 28^3\})$	53328
28	$\mathcal{O}(0; \{2^3, 14, 28^4\})$	8880
28	$\mathcal{O}(0; \{4^2, 14, 28^4\})$	35520
28	$\mathcal{O}(0; \{2, 28^6\})$	213312
30	$\mathcal{O}(3; \emptyset)$	716579136
30	$\mathcal{O}(2; \{2^4\})$	798720
30	$\mathcal{O}(2; \{3^3\})$	1516320
30	$\mathcal{O}(2; \{2, 3, 6\})$	1617408
30	$\mathcal{O}(1; \{2^8\})$	768
30	$\mathcal{O}(1; \{2^4, 3^3\})$	1728
30	$\mathcal{O}(1; \{3^6\})$	14256
30	$\mathcal{O}(1; \{5^5\})$	122400
30	$\mathcal{O}(1; \{2^5, 3, 6\})$	1728
30	$\mathcal{O}(1; \{2, 3^4, 6\})$	8640
30	$\mathcal{O}(1; \{2^2, 3^2, 6^2\})$	5184
30	$\mathcal{O}(1; \{2^3, 6^3\})$	1728
30	$\mathcal{O}(1; \{3, 6^4\})$	8640
30	$\mathcal{O}(1; \{2^3, 5^2, 10\})$	9600
30	$\mathcal{O}(1; \{3, 5^2, 6, 10\})$	21600
30	$\mathcal{O}(1; \{2, 5, 10^3\})$	41600
30	$\mathcal{O}(1; \{3, 5^3, 15\})$	70200
30	$\mathcal{O}(1; \{2^3, 3, 10, 15\})$	7200
30	$\mathcal{O}(1; \{3^2, 6, 10, 15\})$	21600
30	$\mathcal{O}(1; \{2, 6^2, 10, 15\})$	7200

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{3^2, 5, 15^2\})$	48600
30	$\mathcal{O}(1; \{2, 5, 6, 15^2\})$	21600
30	$\mathcal{O}(1; \{3^2, 5, 10, 30\})$	21600
30	$\mathcal{O}(1; \{2, 5, 6, 10, 30\})$	21600
30	$\mathcal{O}(1; \{2, 5^2, 15, 30\})$	93600
30	$\mathcal{O}(1; \{2, 3, 15^2, 30\})$	64800
30	$\mathcal{O}(1; \{2, 3, 10, 30^2\})$	21600
30	$\mathcal{O}(0; \{2, 3, 5^5, 6\})$	408
30	$\mathcal{O}(0; \{2^3, 3^3, 5^2, 10\})$	24
30	$\mathcal{O}(0; \{2^4, 3, 5^2, 6, 10\})$	24
30	$\mathcal{O}(0; \{3^4, 5^2, 6, 10\})$	120
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 6^2, 10\})$	72
30	$\mathcal{O}(0; \{2^2, 5^2, 6^3, 10\})$	24
30	$\mathcal{O}(0; \{2, 3^3, 5, 10^3\})$	104
30	$\mathcal{O}(0; \{2^2, 3, 5, 6, 10^3\})$	104
30	$\mathcal{O}(0; \{5, 6^3, 10^3\})$	104
30	$\mathcal{O}(0; \{3, 6, 10^5\})$	408
30	$\mathcal{O}(0; \{2^4, 3, 5^3, 15\})$	104
30	$\mathcal{O}(0; \{2, 3^2, 5^3, 6, 15\})$	312
30	$\mathcal{O}(0; \{2^2, 5^3, 6^2, 15\})$	104
30	$\mathcal{O}(0; \{2^7, 3, 10, 15\})$	8
30	$\mathcal{O}(0; \{2^3, 3^4, 10, 15\})$	40
30	$\mathcal{O}(0; \{2^4, 3^2, 6, 10, 15\})$	24
30	$\mathcal{O}(0; \{3^5, 6, 10, 15\})$	168
30	$\mathcal{O}(0; \{2^5, 6^2, 10, 15\})$	8
30	$\mathcal{O}(0; \{2, 3^3, 6^2, 10, 15\})$	88
30	$\mathcal{O}(0; \{2^2, 3, 6^3, 10, 15\})$	40
30	$\mathcal{O}(0; \{6^5, 10, 15\})$	88
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 10^2, 15\})$	408
30	$\mathcal{O}(0; \{5^2, 6^2, 10^2, 15\})$	408
30	$\mathcal{O}(0; \{3, 5, 10^4, 15\})$	1640
30	$\mathcal{O}(0; \{2^4, 3^2, 5, 15^2\})$	72
30	$\mathcal{O}(0; \{2^5, 5, 6, 15^2\})$	24
30	$\mathcal{O}(0; \{2, 3^3, 5, 6, 15^2\})$	264
30	$\mathcal{O}(0; \{2^2, 3, 5, 6^2, 15^2\})$	120
30	$\mathcal{O}(0; \{5, 6^4, 15^2\})$	264
30	$\mathcal{O}(0; \{5^3, 6, 10, 15^2\})$	1640
30	$\mathcal{O}(0; \{2^2, 3^2, 10^2, 15^2\})$	312
30	$\mathcal{O}(0; \{2^3, 6, 10^2, 15^2\})$	104
30	$\mathcal{O}(0; \{3, 6^2, 10^2, 15^2\})$	520
30	$\mathcal{O}(0; \{2^3, 5, 10, 15^3\})$	408
30	$\mathcal{O}(0; \{3, 5, 6, 10, 15^3\})$	2040
30	$\mathcal{O}(0; \{2, 10^3, 15^3\})$	1640

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Table 1 – continued from previous page

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

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2, 5, 10, 15^2, 30^2\})$	4920
30	$\mathcal{O}(0; \{2^3, 5^2, 30^3\})$	408
30	$\mathcal{O}(0; \{3, 5^2, 6, 30^3\})$	2040
30	$\mathcal{O}(0; \{2, 5, 10^2, 30^3\})$	1640
30	$\mathcal{O}(0; \{2^3, 3, 15, 30^3\})$	520
30	$\mathcal{O}(0; \{3^2, 6, 15, 30^3\})$	2184
30	$\mathcal{O}(0; \{2, 6^2, 15, 30^3\})$	1144
30	$\mathcal{O}(0; \{3^2, 5, 30^4\})$	4488
30	$\mathcal{O}(0; \{2, 5, 6, 30^4\})$	2040
30	$\mathcal{O}(0; \{2, 3, 30^5\})$	4488
31	$\mathcal{O}(1; \{31^4\})$	25110930
32	$\mathcal{O}(2; \{8^2\})$	3932160
32	$\mathcal{O}(1; \{2^4, 8^2\})$	3072
32	$\mathcal{O}(1; \{2, 4^2, 8^2\})$	12288
32	$\mathcal{O}(1; \{2^2, 8, 16^2\})$	24576
32	$\mathcal{O}(1; \{16^4\})$	393216
32	$\mathcal{O}(1; \{8, 16, 32^2\})$	524288
32	$\mathcal{O}(0; \{2^4, 8, 16, 32^2\})$	512
32	$\mathcal{O}(0; \{2, 4^2, 8, 16, 32^2\})$	2048
32	$\mathcal{O}(0; \{2^2, 16^3, 32^2\})$	8192
32	$\mathcal{O}(0; \{2^2, 8, 32^4\})$	16384
32	$\mathcal{O}(0; \{16^2, 32^4\})$	262144
33	$\mathcal{O}(1; \{11^4\})$	880880
33	$\mathcal{O}(0; \{3^3, 11^4\})$	1820
33	$\mathcal{O}(0; \{11^3, 33^3\})$	181820
35	$\mathcal{O}(1; \{7^4\})$	218736
35	$\mathcal{O}(1; \{5^2, 7, 35\})$	88200
35	$\mathcal{O}(0; \{5, 7^2, 35^3\})$	57720
36	$\mathcal{O}(2; \{3^2\})$	3110400
36	$\mathcal{O}(1; \{2^4, 3^2\})$	1728
36	$\mathcal{O}(1; \{3^5\})$	8640
36	$\mathcal{O}(1; \{2, 3^2, 4^2\})$	4608
36	$\mathcal{O}(1; \{2, 3^3, 6\})$	5184
36	$\mathcal{O}(1; \{2^2, 3, 6^2\})$	1728
36	$\mathcal{O}(1; \{6^4\})$	5184
36	$\mathcal{O}(1; \{3, 9^3\})$	34992
36	$\mathcal{O}(1; \{2^2, 3, 4, 12\})$	4608
36	$\mathcal{O}(1; \{4, 6^2, 12\})$	4608
36	$\mathcal{O}(1; \{2^3, 12^2\})$	4608
36	$\mathcal{O}(1; \{4^2, 12^2\})$	18432
36	$\mathcal{O}(1; \{3, 6, 12^2\})$	13824
36	$\mathcal{O}(1; \{2^3, 9, 18\})$	5832
36	$\mathcal{O}(1; \{4^2, 9, 18\})$	15552

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{3, 6, 9, 18\})$	23328
36	$\mathcal{O}(1; \{2, 18^3\})$	17496
36	$\mathcal{O}(1; \{3, 4, 18, 36\})$	31104
36	$\mathcal{O}(1; \{2, 12, 18, 36\})$	31104
36	$\mathcal{O}(1; \{2, 9, 36^2\})$	46656
36	$\mathcal{O}(0; \{2, 3, 4^2, 9^3\})$	72
36	$\mathcal{O}(0; \{2^2, 4, 9^3, 12\})$	72
36	$\mathcal{O}(0; \{6, 9^3, 12^2\})$	288
36	$\mathcal{O}(0; \{2^4, 4^2, 9, 18\})$	12
36	$\mathcal{O}(0; \{3^3, 4^2, 9, 18\})$	96
36	$\mathcal{O}(0; \{2, 4^4, 9, 18\})$	48
36	$\mathcal{O}(0; \{2, 3, 4^2, 6, 9, 18\})$	48
36	$\mathcal{O}(0; \{2, 3^2, 4, 9, 12, 18\})$	96
36	$\mathcal{O}(0; \{2^2, 4, 6, 9, 12, 18\})$	48
36	$\mathcal{O}(0; \{2^2, 3, 9, 12^2, 18\})$	96
36	$\mathcal{O}(0; \{6^2, 9, 12^2, 18\})$	192
36	$\mathcal{O}(0; \{4, 9, 12^3, 18\})$	384
36	$\mathcal{O}(0; \{4, 9^2, 12, 18^2\})$	648
36	$\mathcal{O}(0; \{2^2, 4^2, 18^3\})$	36
36	$\mathcal{O}(0; \{4, 6, 12, 18^3\})$	144
36	$\mathcal{O}(0; \{3, 12^2, 18^3\})$	288
36	$\mathcal{O}(0; \{2, 3^2, 4, 9^2, 36\})$	144
36	$\mathcal{O}(0; \{2^2, 4, 6, 9^2, 36\})$	72
36	$\mathcal{O}(0; \{2^2, 3, 9^2, 12, 36\})$	144
36	$\mathcal{O}(0; \{6^2, 9^2, 12, 36\})$	288
36	$\mathcal{O}(0; \{4, 9^2, 12^2, 36\})$	576
36	$\mathcal{O}(0; \{2^4, 3, 4, 18, 36\})$	24
36	$\mathcal{O}(0; \{3^4, 4, 18, 36\})$	192
36	$\mathcal{O}(0; \{2, 3, 4^3, 18, 36\})$	96
36	$\mathcal{O}(0; \{2, 3^2, 4, 6, 18, 36\})$	96
36	$\mathcal{O}(0; \{2^2, 4, 6^2, 18, 36\})$	48
36	$\mathcal{O}(0; \{4, 9^3, 18, 36\})$	1620
36	$\mathcal{O}(0; \{2^5, 12, 18, 36\})$	24
36	$\mathcal{O}(0; \{2, 3^3, 12, 18, 36\})$	192
36	$\mathcal{O}(0; \{2^2, 4^2, 12, 18, 36\})$	96
36	$\mathcal{O}(0; \{2^2, 3, 6, 12, 18, 36\})$	96
36	$\mathcal{O}(0; \{6^3, 12, 18, 36\})$	192
36	$\mathcal{O}(0; \{4, 6, 12^2, 18, 36\})$	384
36	$\mathcal{O}(0; \{3, 12^3, 18, 36\})$	768
36	$\mathcal{O}(0; \{4, 6, 9, 18^2, 36\})$	648
36	$\mathcal{O}(0; \{3, 9, 12, 18^2, 36\})$	1296
36	$\mathcal{O}(0; \{2^5, 9, 36^2\})$	36
36	$\mathcal{O}(0; \{2, 3^3, 9, 36^2\})$	288

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2^2, 4^2, 9, 36^2\})$	144
36	$\mathcal{O}(0; \{2^2, 3, 6, 9, 36^2\})$	144
36	$\mathcal{O}(0; \{6^3, 9, 36^2\})$	288
36	$\mathcal{O}(0; \{4, 6, 9, 12, 36^2\})$	576
36	$\mathcal{O}(0; \{3, 9, 12^2, 36^2\})$	1152
36	$\mathcal{O}(0; \{3, 9^2, 18, 36^2\})$	3240
36	$\mathcal{O}(0; \{2^3, 18^2, 36^2\})$	324
36	$\mathcal{O}(0; \{4^2, 18^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{3, 6, 18^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{2^2, 3, 4, 36^3\})$	288
36	$\mathcal{O}(0; \{4, 6^2, 36^3\})$	576
36	$\mathcal{O}(0; \{2^3, 12, 36^3\})$	288
36	$\mathcal{O}(0; \{4^2, 12, 36^3\})$	1152
36	$\mathcal{O}(0; \{3, 6, 12, 36^3\})$	1152
36	$\mathcal{O}(0; \{2, 18, 36^4\})$	6480
39	$\mathcal{O}(0; \{3^2, 13^3, 39\})$	3192
40	$\mathcal{O}(2; \{2^2\})$	2396160
40	$\mathcal{O}(1; \{2^6\})$	1152
40	$\mathcal{O}(1; \{2^3, 4^2\})$	2304
40	$\mathcal{O}(1; \{4^4\})$	9216
40	$\mathcal{O}(1; \{2, 4, 8^2\})$	12288
40	$\mathcal{O}(1; \{2, 5^2, 10\})$	14400
40	$\mathcal{O}(1; \{2, 4, 5, 20\})$	9600
40	$\mathcal{O}(0; \{4, 5^2, 8^2, 10\})$	96
40	$\mathcal{O}(0; \{2^3, 5, 8^2, 20\})$	32
40	$\mathcal{O}(0; \{4^2, 5, 8^2, 20\})$	128
40	$\mathcal{O}(0; \{2, 8^2, 10^2, 20\})$	96
40	$\mathcal{O}(0; \{4, 5^3, 8, 40\})$	416
40	$\mathcal{O}(0; \{2^3, 4, 8, 10, 40\})$	32
40	$\mathcal{O}(0; \{4^3, 8, 10, 40\})$	128
40	$\mathcal{O}(0; \{2, 8^3, 10, 40\})$	256
40	$\mathcal{O}(0; \{2, 5, 8, 10, 20, 40\})$	416
40	$\mathcal{O}(0; \{2, 4, 8, 20^2, 40\})$	384
40	$\mathcal{O}(0; \{2^3, 4, 5, 40^2\})$	96
40	$\mathcal{O}(0; \{4^3, 5, 40^2\})$	384
40	$\mathcal{O}(0; \{2, 5, 8^2, 40^2\})$	768
40	$\mathcal{O}(0; \{2, 4, 10^2, 40^2\})$	416
40	$\mathcal{O}(0; \{2, 5^2, 20, 40^2\})$	1632
41	$\mathcal{O}(1; \{41^3\})$	2622360
42	$\mathcal{O}(1; \{2^2, 14^2\})$	9408
42	$\mathcal{O}(1; \{21^3\})$	79380
42	$\mathcal{O}(1; \{14, 21, 42\})$	105840
42	$\mathcal{O}(0; \{2^2, 3^3, 14^2\})$	12

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{2^3, 3, 6, 14^2\})$	12
42	$\mathcal{O}(0; \{3^2, 6^2, 14^2\})$	36
42	$\mathcal{O}(0; \{2, 6^3, 14^2\})$	12
42	$\mathcal{O}(0; \{2, 6, 7^3, 21\})$	372
42	$\mathcal{O}(0; \{2, 3, 7, 14, 21^2\})$	372
42	$\mathcal{O}(0; \{2^4, 21^3\})$	60
42	$\mathcal{O}(0; \{2, 3, 6, 21^3\})$	300
42	$\mathcal{O}(0; \{2^3, 3, 7^2, 42\})$	60
42	$\mathcal{O}(0; \{3^2, 6, 7^2, 42\})$	180
42	$\mathcal{O}(0; \{2, 6^2, 7^2, 42\})$	60
42	$\mathcal{O}(0; \{2, 3, 7, 14^2, 42\})$	372
42	$\mathcal{O}(0; \{2^4, 14, 21, 42\})$	60
42	$\mathcal{O}(0; \{3^3, 14, 21, 42\})$	300
42	$\mathcal{O}(0; \{2, 3, 6, 14, 21, 42\})$	180
42	$\mathcal{O}(0; \{2^2, 21^2, 42^2\})$	1116
42	$\mathcal{O}(0; \{2^2, 14, 42^3\})$	372
42	$\mathcal{O}(0; \{21, 42^4\})$	11100
44	$\mathcal{O}(1; \{11^3\})$	130680
44	$\mathcal{O}(0; \{2, 4^2, 11^3\})$	180
44	$\mathcal{O}(0; \{11^2, 22, 44^2\})$	18180
45	$\mathcal{O}(1; \{3^4\})$	10368
45	$\mathcal{O}(1; \{9^3\})$	34992
45	$\mathcal{O}(1; \{5, 15^2\})$	43200
45	$\mathcal{O}(1; \{5, 9, 45\})$	48600
45	$\mathcal{O}(0; \{3^3, 5, 9, 45\})$	192
45	$\mathcal{O}(0; \{9, 15^3, 45\})$	2496
45	$\mathcal{O}(0; \{9^2, 15, 45^2\})$	3888
45	$\mathcal{O}(0; \{5, 15, 45^3\})$	7344
48	$\mathcal{O}(1; \{2^2, 4^2\})$	3072
48	$\mathcal{O}(1; \{4, 8^2\})$	12288
48	$\mathcal{O}(1; \{4, 6, 12\})$	6912
48	$\mathcal{O}(1; \{3, 12^2\})$	6912
48	$\mathcal{O}(1; \{3, 8, 24\})$	13824
48	$\mathcal{O}(0; \{6, 8, 12, 16^2\})$	128
48	$\mathcal{O}(0; \{2^2, 3, 16^2, 24\})$	64
48	$\mathcal{O}(0; \{6^2, 16^2, 24\})$	64
48	$\mathcal{O}(0; \{4, 12, 16^2, 24\})$	256
48	$\mathcal{O}(0; \{2, 3^2, 4, 16, 48\})$	32
48	$\mathcal{O}(0; \{2^2, 4, 6, 16, 48\})$	32
48	$\mathcal{O}(0; \{6, 8^2, 16, 48\})$	256
48	$\mathcal{O}(0; \{2^2, 3, 12, 16, 48\})$	32
48	$\mathcal{O}(0; \{6^2, 12, 16, 48\})$	96
48	$\mathcal{O}(0; \{4, 12^2, 16, 48\})$	128

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{4, 8, 16, 24, 48\})$	512
48	$\mathcal{O}(0; \{3, 16, 24^2, 48\})$	768
48	$\mathcal{O}(0; \{2^2, 3, 8, 48^2\})$	64
48	$\mathcal{O}(0; \{6^2, 8, 48^2\})$	192
48	$\mathcal{O}(0; \{4, 8, 12, 48^2\})$	256
48	$\mathcal{O}(0; \{3, 16^2, 48^2\})$	1024
48	$\mathcal{O}(0; \{4, 6, 24, 48^2\})$	384
48	$\mathcal{O}(0; \{3, 12, 24, 48^2\})$	640
50	$\mathcal{O}(1; \{5^3\})$	21600
50	$\mathcal{O}(0; \{2^3, 25^2, 50\})$	300
50	$\mathcal{O}(0; \{2, 25, 50^3\})$	6500
52	$\mathcal{O}(0; \{4^2, 13^2, 26\})$	264
52	$\mathcal{O}(0; \{2, 13^2, 52^2\})$	3192
54	$\mathcal{O}(0; \{2, 6, 27^3\})$	324
54	$\mathcal{O}(0; \{2, 9^2, 27, 54\})$	648
54	$\mathcal{O}(0; \{3^2, 18, 27, 54\})$	432
54	$\mathcal{O}(0; \{2, 6, 18, 27, 54\})$	216
56	$\mathcal{O}(0; \{2, 8^2, 14, 28\})$	48
56	$\mathcal{O}(0; \{2, 7, 8, 14, 56\})$	120
56	$\mathcal{O}(0; \{2, 4, 14, 56^2\})$	240
60	$\mathcal{O}(2; \emptyset)$	11980800
60	$\mathcal{O}(1; \{2^4\})$	2304
60	$\mathcal{O}(1; \{3^3\})$	5184
60	$\mathcal{O}(1; \{2, 4^2\})$	6144
60	$\mathcal{O}(1; \{2, 3, 6\})$	5184
60	$\mathcal{O}(0; \{3, 4^2, 10, 15\})$	16
60	$\mathcal{O}(0; \{2, 4, 10, 12, 15\})$	16
60	$\mathcal{O}(0; \{3, 4, 5, 6, 20\})$	16
60	$\mathcal{O}(0; \{3^2, 5, 12, 20\})$	16
60	$\mathcal{O}(0; \{2, 5, 6, 12, 20\})$	16
60	$\mathcal{O}(0; \{2, 3, 15, 20^2\})$	48
60	$\mathcal{O}(0; \{3^2, 4, 20, 30\})$	16
60	$\mathcal{O}(0; \{2, 4, 6, 20, 30\})$	16
60	$\mathcal{O}(0; \{2, 3, 12, 20, 30\})$	16
60	$\mathcal{O}(0; \{3, 4, 5^2, 60\})$	48
60	$\mathcal{O}(0; \{2, 5^2, 12, 60\})$	48
60	$\mathcal{O}(0; \{3^2, 4, 15, 60\})$	48
60	$\mathcal{O}(0; \{2, 4, 6, 15, 60\})$	16
60	$\mathcal{O}(0; \{2, 3, 12, 15, 60\})$	48
60	$\mathcal{O}(0; \{2, 3, 10, 20, 60\})$	48
60	$\mathcal{O}(0; \{2, 4, 5, 30, 60\})$	48
61	$\mathcal{O}(1; \{61^2\})$	223260
62	$\mathcal{O}(1; \{31^2\})$	86490

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
62	$\mathcal{O}(0; \{2^4, 31^2\})$	30
62	$\mathcal{O}(0; \{2^2, 31, 62^2\})$	870
62	$\mathcal{O}(0; \{62^4\})$	26130
63	$\mathcal{O}(1; \{21^2\})$	42336
63	$\mathcal{O}(0; \{21, 63^3\})$	6696
64	$\mathcal{O}(1; \{16^2\})$	24576
64	$\mathcal{O}(0; \{16, 32, 64^2\})$	4096
65	$\mathcal{O}(1; \{13^2\})$	48672
66	$\mathcal{O}(1; \{11^2\})$	29040
66	$\mathcal{O}(0; \{2, 3, 6, 11^2\})$	20
66	$\mathcal{O}(0; \{11, 22, 33, 66\})$	1820
70	$\mathcal{O}(1; \{7^2\})$	21168
70	$\mathcal{O}(0; \{2^2, 5, 14, 70\})$	24
70	$\mathcal{O}(0; \{10^2, 14, 70\})$	72
70	$\mathcal{O}(0; \{7, 10, 35, 70\})$	360
72	$\mathcal{O}(1; \{6^2\})$	6912
72	$\mathcal{O}(0; \{8, 9, 18, 24\})$	48
72	$\mathcal{O}(0; \{8^2, 18, 36\})$	48
72	$\mathcal{O}(0; \{8, 9, 12, 72\})$	96
72	$\mathcal{O}(0; \{6, 9, 24, 72\})$	96
72	$\mathcal{O}(0; \{6, 8, 36, 72\})$	96
72	$\mathcal{O}(0; \{4, 24, 36, 72\})$	192
72	$\mathcal{O}(0; \{4, 18, 72^2\})$	144
75	$\mathcal{O}(1; \{5^2\})$	19200
75	$\mathcal{O}(0; \{3, 25, 75^2\})$	600
78	$\mathcal{O}(0; \{3, 13, 26, 78\})$	264
80	$\mathcal{O}(1; \{4^2\})$	9216
82	$\mathcal{O}(0; \{2^3, 41, 82\})$	40
82	$\mathcal{O}(0; \{2, 82^3\})$	1560
84	$\mathcal{O}(0; \{3, 6, 28^2\})$	24
84	$\mathcal{O}(0; \{4^2, 21, 42\})$	24
84	$\mathcal{O}(0; \{4, 6, 7, 84\})$	24
84	$\mathcal{O}(0; \{3, 7, 12, 84\})$	24
84	$\mathcal{O}(0; \{2, 28, 42, 84\})$	120
84	$\mathcal{O}(0; \{2, 21, 84^2\})$	120
90	$\mathcal{O}(1; \{3^2\})$	10368
90	$\mathcal{O}(0; \{2, 9, 30, 45\})$	48
90	$\mathcal{O}(0; \{2, 10, 18, 90\})$	24
93	$\mathcal{O}(0; \{3^2, 31, 93\})$	60
100	$\mathcal{O}(0; \{2, 4, 25, 100\})$	40
120	$\mathcal{O}(1; \{2^2\})$	9216
122	$\mathcal{O}(0; \{2^2, 122^2\})$	60
123	$\mathcal{O}(0; \{123^3\})$	3120

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
124	$\mathcal{O}(0; \{62, 124^2\})$	1740
126	$\mathcal{O}(0; \{42, 63, 126\})$	360
135	$\mathcal{O}(0; \{15, 27, 135\})$	144
140	$\mathcal{O}(0; \{10, 28, 140\})$	48
150	$\mathcal{O}(0; \{6, 50, 75\})$	40
164	$\mathcal{O}(0; \{4, 82, 164\})$	80
183	$\mathcal{O}(0; \{3, 183^2\})$	120
186	$\mathcal{O}(0; \{3, 62, 186\})$	60
244	$\mathcal{O}(0; \{2, 244^2\})$	120
246	$\mathcal{O}(0; \{2, 123, 246\})$	80

Table 2: 62-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(62; \emptyset)$	1
2	$\mathcal{O}(31; \{2^2\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^6\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{10}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{14}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{18}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{22}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{26}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{30}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{34}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{38}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{42}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{46}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{50}\})$	274877906944
2	$\mathcal{O}(18; \{2^{54}\})$	68719476736
2	$\mathcal{O}(17; \{2^{58}\})$	17179869184
2	$\mathcal{O}(16; \{2^{62}\})$	4294967296
2	$\mathcal{O}(15; \{2^{66}\})$	1073741824
2	$\mathcal{O}(14; \{2^{70}\})$	268435456
2	$\mathcal{O}(13; \{2^{74}\})$	67108864
2	$\mathcal{O}(12; \{2^{78}\})$	16777216
2	$\mathcal{O}(11; \{2^{82}\})$	4194304
2	$\mathcal{O}(10; \{2^{86}\})$	1048576
2	$\mathcal{O}(9; \{2^{90}\})$	262144
2	$\mathcal{O}(8; \{2^{94}\})$	65536
2	$\mathcal{O}(7; \{2^{98}\})$	16384

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(6; \{2^{102}\})$	4096
2	$\mathcal{O}(5; \{2^{106}\})$	1024
2	$\mathcal{O}(4; \{2^{110}\})$	256
2	$\mathcal{O}(3; \{2^{114}\})$	64
2	$\mathcal{O}(2; \{2^{118}\})$	16
2	$\mathcal{O}(1; \{2^{122}\})$	4
2	$\mathcal{O}(0; \{2^{126}\})$	1
3	$\mathcal{O}(20; \{3^4\})$	72945992754341572806
3	$\mathcal{O}(19; \{3^7\})$	56735772142265667738
3	$\mathcal{O}(18; \{3^{10}\})$	51332365271573699382
3	$\mathcal{O}(17; \{3^{13}\})$	45528706040089733370
3	$\mathcal{O}(16; \{3^{16}\})$	40481079045657318486
3	$\mathcal{O}(15; \{3^{19}\})$	35981946027125048538
3	$\mathcal{O}(14; \{3^{22}\})$	31984089284865884022
3	$\mathcal{O}(13; \{3^{25}\})$	28430286335352482490
3	$\mathcal{O}(12; \{3^{28}\})$	25271367326001647766
3	$\mathcal{O}(11; \{3^{31}\})$	22463437434826218138
3	$\mathcal{O}(10; \{3^{34}\})$	19967499962988455862
3	$\mathcal{O}(9; \{3^{37}\})$	17748888853665215610
3	$\mathcal{O}(8; \{3^{40}\})$	15776790092405138646
3	$\mathcal{O}(7; \{3^{43}\})$	14023813415442536538
3	$\mathcal{O}(6; \{3^{46}\})$	12465611924840998902
3	$\mathcal{O}(5; \{3^{49}\})$	11080543933191644730
3	$\mathcal{O}(4; \{3^{52}\})$	9849372385059279126
3	$\mathcal{O}(3; \{3^{55}\})$	8754997675608243738
3	$\mathcal{O}(2; \{3^{58}\})$	7782220156096217142
3	$\mathcal{O}(1; \{3^{61}\})$	6917529027641081850
3	$\mathcal{O}(0; \{3^{64}\})$	6148914691236517206
4	$\mathcal{O}(15; \{2^2, 4^2\})$	2305843009213693952
4	$\mathcal{O}(14; \{2^6, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^3, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{4^6\})$	2305843009213693952
4	$\mathcal{O}(13; \{2^{10}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^7, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^4, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2, 4^8\})$	576460752303423488
4	$\mathcal{O}(12; \{2^{14}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{11}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^8, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^5, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^2, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(11; \{2^{18}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{15}, 4^4\})$	140737488355328

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(11; \{2^{12}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^9, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^6, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^3, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(11; \{4^{14}\})$	144115188075855872
4	$\mathcal{O}(10; \{2^{22}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{19}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{16}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{13}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^{10}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^7, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^4, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(9; \{2^{26}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{23}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{20}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{17}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{14}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{11}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^8, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^5, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^2, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(8; \{2^{30}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{27}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{24}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{21}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{18}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{15}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{12}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^9, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^6, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^3, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{4^{22}\})$	9007199254740992
4	$\mathcal{O}(7; \{2^{34}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{31}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{28}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{25}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{22}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{19}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{16}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{13}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{10}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^7, 4^{20}\})$	140737488355328

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(7; \{2^4, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(6; \{2^{38}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{35}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{32}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{29}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{26}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{23}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{20}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{17}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{14}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{11}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^8, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^5, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^2, 4^{26}\})$	562949953421312
4	$\mathcal{O}(5; \{2^{42}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{39}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{36}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{33}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{30}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{27}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{24}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{21}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{18}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{15}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{12}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^9, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^6, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^3, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{4^{30}\})$	562949953421312
4	$\mathcal{O}(4; \{2^{46}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{43}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{40}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{37}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{34}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{31}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{28}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{25}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{22}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{19}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{16}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{13}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{10}, 4^{26}\})$	2199023255552

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(4; \{2^7, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^4, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2, 4^{32}\})$	140737488355328
4	$\mathcal{O}(3; \{2^{50}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{47}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{44}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{41}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{38}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{35}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{32}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{29}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{26}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{23}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{20}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{17}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{14}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{11}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^8, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^5, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^2, 4^{34}\})$	35184372088832
4	$\mathcal{O}(2; \{2^{54}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{51}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{48}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{45}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{42}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{39}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{36}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{33}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{30}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{27}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{24}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{21}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{18}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{15}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{12}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^9, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^6, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^3, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{4^{38}\})$	35184372088832
4	$\mathcal{O}(1; \{2^{58}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{55}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{52}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{49}, 4^8\})$	2048

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{2^{46}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{43}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{40}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{37}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{34}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{31}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{28}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{25}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{22}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{19}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{16}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{13}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{10}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^7, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^4, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2, 4^{40}\})$	8796093022208
4	$\mathcal{O}(0; \{2^{62}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{59}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{56}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{53}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{50}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{47}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{44}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{41}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{38}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{35}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{32}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{29}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{26}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{23}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{20}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{17}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{14}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{11}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^8, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^5, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^2, 4^{42}\})$	2199023255552
5	$\mathcal{O}(12; \{5^3\})$	715255737304687500
5	$\mathcal{O}(10; \{5^8\})$	1250076293945312500
5	$\mathcal{O}(8; \{5^{13}\})$	2047999877929687500
5	$\mathcal{O}(6; \{5^{18}\})$	3355443200195312500
5	$\mathcal{O}(4; \{5^{23}\})$	5497558138879687500
5	$\mathcal{O}(2; \{5^{28}\})$	9007199254740992500

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
5	$\mathcal{O}(0; \{5^{33}\})$	14757395258967641292
6	$\mathcal{O}(10; \{2^2, 3^2\})$	7312316880125952
6	$\mathcal{O}(10; \{3, 6^2\})$	7312316880125952
6	$\mathcal{O}(9; \{2^6, 3^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^2, 3^5\})$	1015599566684160
6	$\mathcal{O}(9; \{2^3, 3^3, 6\})$	609359740010496
6	$\mathcal{O}(9; \{2^4, 3, 6^2\})$	203119913336832
6	$\mathcal{O}(9; \{3^4, 6^2\})$	2234319046705152
6	$\mathcal{O}(9; \{2, 3^2, 6^3\})$	1015599566684160
6	$\mathcal{O}(9; \{2^2, 6^4\})$	609359740010496
6	$\mathcal{O}(8; \{2^{10}, 3^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^6, 3^5\})$	28211099074560
6	$\mathcal{O}(8; \{2^2, 3^8\})$	242615452041216
6	$\mathcal{O}(8; \{2^7, 3^3, 6\})$	16926659444736
6	$\mathcal{O}(8; \{2^3, 3^6, 6\})$	118486616113152
6	$\mathcal{O}(8; \{2^8, 3, 6^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^4, 3^4, 6^2\})$	62064417964032
6	$\mathcal{O}(8; \{3^7, 6^2\})$	479588684267520
6	$\mathcal{O}(8; \{2^5, 3^2, 6^3\})$	28211099074560
6	$\mathcal{O}(8; \{2, 3^5, 6^3\})$	242615452041216
6	$\mathcal{O}(8; \{2^6, 6^4\})$	16926659444736
6	$\mathcal{O}(8; \{2^2, 3^3, 6^4\})$	118486616113152
6	$\mathcal{O}(8; \{2^3, 3, 6^5\})$	62064417964032
6	$\mathcal{O}(8; \{3^2, 6^6\})$	242615452041216
6	$\mathcal{O}(8; \{2, 6^7\})$	118486616113152
6	$\mathcal{O}(7; \{2^{14}, 3^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{10}, 3^5\})$	783641640960
6	$\mathcal{O}(7; \{2^6, 3^8\})$	6739318112256
6	$\mathcal{O}(7; \{2^2, 3^{11}\})$	53444359913472
6	$\mathcal{O}(7; \{2^{11}, 3^3, 6\})$	470184984576
6	$\mathcal{O}(7; \{2^7, 3^6, 6\})$	3291294892032
6	$\mathcal{O}(7; \{2^3, 3^9, 6\})$	26800544120832
6	$\mathcal{O}(7; \{2^{12}, 3, 6^2\})$	156728328192
6	$\mathcal{O}(7; \{2^8, 3^4, 6^2\})$	1724011610112
6	$\mathcal{O}(7; \{2^4, 3^7, 6^2\})$	13321907896320
6	$\mathcal{O}(7; \{3^{10}, 6^2\})$	107045448155136
6	$\mathcal{O}(7; \{2^9, 3^2, 6^3\})$	783641640960
6	$\mathcal{O}(7; \{2^5, 3^5, 6^3\})$	6739318112256
6	$\mathcal{O}(7; \{2, 3^8, 6^3\})$	53444359913472
6	$\mathcal{O}(7; \{2^{10}, 6^4\})$	470184984576
6	$\mathcal{O}(7; \{2^6, 3^3, 6^4\})$	3291294892032
6	$\mathcal{O}(7; \{2^2, 3^6, 6^4\})$	26800544120832
6	$\mathcal{O}(7; \{2^7, 3, 6^5\})$	1724011610112

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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	$\mathcal{O}(7; \{2^3, 3^4, 6^5\})$	13321907896320
6	$\mathcal{O}(7; \{2^4, 3^2, 6^6\})$	6739318112256
6	$\mathcal{O}(7; \{3^5, 6^6\})$	53444359913472
6	$\mathcal{O}(7; \{2^5, 6^7\})$	3291294892032
6	$\mathcal{O}(7; \{2, 3^3, 6^7\})$	26800544120832
6	$\mathcal{O}(7; \{2^2, 3, 6^8\})$	13321907896320
6	$\mathcal{O}(7; \{6^{10}\})$	26800544120832
6	$\mathcal{O}(6; \{2^{18}, 3^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{14}, 3^5\})$	21767823360
6	$\mathcal{O}(6; \{2^{10}, 3^8\})$	187203280896
6	$\mathcal{O}(6; \{2^6, 3^{11}\})$	1484565553152
6	$\mathcal{O}(6; \{2^2, 3^{14}\})$	11889585119232
6	$\mathcal{O}(6; \{2^{15}, 3^3, 6\})$	13060694016
6	$\mathcal{O}(6; \{2^{11}, 3^6, 6\})$	91424858112
6	$\mathcal{O}(6; \{2^7, 3^9, 6\})$	744459558912
6	$\mathcal{O}(6; \{2^3, 3^{12}, 6\})$	5942615777280
6	$\mathcal{O}(6; \{2^{16}, 3, 6^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{12}, 3^4, 6^2\})$	47889211392
6	$\mathcal{O}(6; \{2^8, 3^7, 6^2\})$	370052997120
6	$\mathcal{O}(6; \{2^4, 3^{10}, 6^2\})$	2973484670976
6	$\mathcal{O}(6; \{3^{13}, 6^2\})$	23774816673792
6	$\mathcal{O}(6; \{2^{13}, 3^2, 6^3\})$	21767823360
6	$\mathcal{O}(6; \{2^9, 3^5, 6^3\})$	187203280896
6	$\mathcal{O}(6; \{2^5, 3^8, 6^3\})$	1484565553152
6	$\mathcal{O}(6; \{2, 3^{11}, 6^3\})$	11889585119232
6	$\mathcal{O}(6; \{2^{14}, 6^4\})$	13060694016
6	$\mathcal{O}(6; \{2^{10}, 3^3, 6^4\})$	91424858112
6	$\mathcal{O}(6; \{2^6, 3^6, 6^4\})$	744459558912
6	$\mathcal{O}(6; \{2^2, 3^9, 6^4\})$	5942615777280
6	$\mathcal{O}(6; \{2^{11}, 3, 6^5\})$	47889211392
6	$\mathcal{O}(6; \{2^7, 3^4, 6^5\})$	370052997120
6	$\mathcal{O}(6; \{2^3, 3^7, 6^5\})$	2973484670976
6	$\mathcal{O}(6; \{2^8, 3^2, 6^6\})$	187203280896
6	$\mathcal{O}(6; \{2^4, 3^5, 6^6\})$	1484565553152
6	$\mathcal{O}(6; \{3^8, 6^6\})$	11889585119232
6	$\mathcal{O}(6; \{2^9, 6^7\})$	91424858112
6	$\mathcal{O}(6; \{2^5, 3^3, 6^7\})$	744459558912
6	$\mathcal{O}(6; \{2, 3^6, 6^7\})$	5942615777280
6	$\mathcal{O}(6; \{2^6, 3, 6^8\})$	370052997120
6	$\mathcal{O}(6; \{2^2, 3^4, 6^8\})$	2973484670976
6	$\mathcal{O}(6; \{2^3, 3^2, 6^9\})$	1484565553152
6	$\mathcal{O}(6; \{2^4, 6^{10}\})$	744459558912
6	$\mathcal{O}(6; \{3^3, 6^{10}\})$	5942615777280

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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	$\mathcal{O}(6; \{2, 3, 6^{11}\})$	2973484670976
6	$\mathcal{O}(5; \{2^{22}, 3^2\})$	120932352
6	$\mathcal{O}(5; \{2^{18}, 3^5\})$	604661760
6	$\mathcal{O}(5; \{2^{14}, 3^8\})$	5200091136
6	$\mathcal{O}(5; \{2^{10}, 3^{11}\})$	41237932032
6	$\mathcal{O}(5; \{2^6, 3^{14}\})$	330266253312
6	$\mathcal{O}(5; \{2^2, 3^{17}\})$	2641767229440
6	$\mathcal{O}(5; \{2^{19}, 3^3, 6\})$	362797056
6	$\mathcal{O}(5; \{2^{15}, 3^6, 6\})$	2539579392
6	$\mathcal{O}(5; \{2^{11}, 3^9, 6\})$	20679432192
6	$\mathcal{O}(5; \{2^7, 3^{12}, 6\})$	165072660480
6	$\mathcal{O}(5; \{2^3, 3^{15}, 6\})$	1320944080896
6	$\mathcal{O}(5; \{2^{20}, 3, 6^2\})$	120932352
6	$\mathcal{O}(5; \{2^{16}, 3^4, 6^2\})$	1330255872
6	$\mathcal{O}(5; \{2^{12}, 3^7, 6^2\})$	10279249920
6	$\mathcal{O}(5; \{2^8, 3^{10}, 6^2\})$	82596796416
6	$\mathcal{O}(5; \{2^4, 3^{13}, 6^2\})$	660411574272
6	$\mathcal{O}(5; \{3^{16}, 6^2\})$	5283655391232
6	$\mathcal{O}(5; \{2^{17}, 3^2, 6^3\})$	604661760
6	$\mathcal{O}(5; \{2^{13}, 3^5, 6^3\})$	5200091136
6	$\mathcal{O}(5; \{2^9, 3^8, 6^3\})$	41237932032
6	$\mathcal{O}(5; \{2^5, 3^{11}, 6^3\})$	330266253312
6	$\mathcal{O}(5; \{2, 3^{14}, 6^3\})$	2641767229440
6	$\mathcal{O}(5; \{2^{18}, 6^4\})$	362797056
6	$\mathcal{O}(5; \{2^{14}, 3^3, 6^4\})$	2539579392
6	$\mathcal{O}(5; \{2^{10}, 3^6, 6^4\})$	20679432192
6	$\mathcal{O}(5; \{2^6, 3^9, 6^4\})$	165072660480
6	$\mathcal{O}(5; \{2^2, 3^{12}, 6^4\})$	1320944080896
6	$\mathcal{O}(5; \{2^{15}, 3, 6^5\})$	1330255872
6	$\mathcal{O}(5; \{2^{11}, 3^4, 6^5\})$	10279249920
6	$\mathcal{O}(5; \{2^7, 3^7, 6^5\})$	82596796416
6	$\mathcal{O}(5; \{2^3, 3^{10}, 6^5\})$	660411574272
6	$\mathcal{O}(5; \{2^{12}, 3^2, 6^6\})$	5200091136
6	$\mathcal{O}(5; \{2^8, 3^5, 6^6\})$	41237932032
6	$\mathcal{O}(5; \{2^4, 3^8, 6^6\})$	330266253312
6	$\mathcal{O}(5; \{3^{11}, 6^6\})$	2641767229440
6	$\mathcal{O}(5; \{2^{13}, 6^7\})$	2539579392
6	$\mathcal{O}(5; \{2^9, 3^3, 6^7\})$	20679432192
6	$\mathcal{O}(5; \{2^5, 3^6, 6^7\})$	165072660480
6	$\mathcal{O}(5; \{2, 3^9, 6^7\})$	1320944080896
6	$\mathcal{O}(5; \{2^{10}, 3, 6^8\})$	10279249920
6	$\mathcal{O}(5; \{2^6, 3^4, 6^8\})$	82596796416
6	$\mathcal{O}(5; \{2^2, 3^7, 6^8\})$	660411574272

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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	$\mathcal{O}(5; \{2^7, 3^2, 6^9\})$	41237932032
6	$\mathcal{O}(5; \{2^3, 3^5, 6^9\})$	330266253312
6	$\mathcal{O}(5; \{2^8, 6^{10}\})$	20679432192
6	$\mathcal{O}(5; \{2^4, 3^3, 6^{10}\})$	165072660480
6	$\mathcal{O}(5; \{3^6, 6^{10}\})$	1320944080896
6	$\mathcal{O}(5; \{2^5, 3, 6^{11}\})$	82596796416
6	$\mathcal{O}(5; \{2, 3^4, 6^{11}\})$	660411574272
6	$\mathcal{O}(5; \{2^2, 3^2, 6^{12}\})$	330266253312
6	$\mathcal{O}(5; \{2^3, 6^{13}\})$	165072660480
6	$\mathcal{O}(5; \{3, 6^{14}\})$	660411574272
6	$\mathcal{O}(4; \{2^{26}, 3^2\})$	3359232
6	$\mathcal{O}(4; \{2^{22}, 3^5\})$	16796160
6	$\mathcal{O}(4; \{2^{18}, 3^8\})$	144446976
6	$\mathcal{O}(4; \{2^{14}, 3^{11}\})$	1145498112
6	$\mathcal{O}(4; \{2^{10}, 3^{14}\})$	9174062592
6	$\mathcal{O}(4; \{2^6, 3^{17}\})$	73382423040
6	$\mathcal{O}(4; \{2^2, 3^{20}\})$	587069462016
6	$\mathcal{O}(4; \{2^{23}, 3^3, 6\})$	10077696
6	$\mathcal{O}(4; \{2^{19}, 3^6, 6\})$	70543872
6	$\mathcal{O}(4; \{2^{15}, 3^9, 6\})$	574428672
6	$\mathcal{O}(4; \{2^{11}, 3^{12}, 6\})$	4585351680
6	$\mathcal{O}(4; \{2^7, 3^{15}, 6\})$	36692891136
6	$\mathcal{O}(4; \{2^3, 3^{18}, 6\})$	293533051392
6	$\mathcal{O}(4; \{2^{24}, 3, 6^2\})$	3359232
6	$\mathcal{O}(4; \{2^{20}, 3^4, 6^2\})$	36951552
6	$\mathcal{O}(4; \{2^{16}, 3^7, 6^2\})$	285534720
6	$\mathcal{O}(4; \{2^{12}, 3^{10}, 6^2\})$	2294355456
6	$\mathcal{O}(4; \{2^8, 3^{13}, 6^2\})$	18344765952
6	$\mathcal{O}(4; \{2^4, 3^{16}, 6^2\})$	146768205312
6	$\mathcal{O}(4; \{3^{19}, 6^2\})$	1174135564800
6	$\mathcal{O}(4; \{2^{21}, 3^2, 6^3\})$	16796160
6	$\mathcal{O}(4; \{2^{17}, 3^5, 6^3\})$	144446976
6	$\mathcal{O}(4; \{2^{13}, 3^8, 6^3\})$	1145498112
6	$\mathcal{O}(4; \{2^9, 3^{11}, 6^3\})$	9174062592
6	$\mathcal{O}(4; \{2^5, 3^{14}, 6^3\})$	73382423040
6	$\mathcal{O}(4; \{2, 3^{17}, 6^3\})$	587069462016
6	$\mathcal{O}(4; \{2^{22}, 6^4\})$	10077696
6	$\mathcal{O}(4; \{2^{18}, 3^3, 6^4\})$	70543872
6	$\mathcal{O}(4; \{2^{14}, 3^6, 6^4\})$	574428672
6	$\mathcal{O}(4; \{2^{10}, 3^9, 6^4\})$	4585351680
6	$\mathcal{O}(4; \{2^6, 3^{12}, 6^4\})$	36692891136
6	$\mathcal{O}(4; \{2^2, 3^{15}, 6^4\})$	293533051392
6	$\mathcal{O}(4; \{2^{19}, 3, 6^5\})$	36951552

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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	$\mathcal{O}(4; \{2^{15}, 3^4, 6^5\})$	285534720
6	$\mathcal{O}(4; \{2^{11}, 3^7, 6^5\})$	2294355456
6	$\mathcal{O}(4; \{2^7, 3^{10}, 6^5\})$	18344765952
6	$\mathcal{O}(4; \{2^3, 3^{13}, 6^5\})$	146768205312
6	$\mathcal{O}(4; \{2^{16}, 3^2, 6^6\})$	144446976
6	$\mathcal{O}(4; \{2^{12}, 3^5, 6^6\})$	1145498112
6	$\mathcal{O}(4; \{2^8, 3^8, 6^6\})$	9174062592
6	$\mathcal{O}(4; \{2^4, 3^{11}, 6^6\})$	73382423040
6	$\mathcal{O}(4; \{3^{14}, 6^6\})$	587069462016
6	$\mathcal{O}(4; \{2^{17}, 6^7\})$	70543872
6	$\mathcal{O}(4; \{2^{13}, 3^3, 6^7\})$	574428672
6	$\mathcal{O}(4; \{2^9, 3^6, 6^7\})$	4585351680
6	$\mathcal{O}(4; \{2^5, 3^9, 6^7\})$	36692891136
6	$\mathcal{O}(4; \{2, 3^{12}, 6^7\})$	293533051392
6	$\mathcal{O}(4; \{2^{14}, 3, 6^8\})$	285534720
6	$\mathcal{O}(4; \{2^{10}, 3^4, 6^8\})$	2294355456
6	$\mathcal{O}(4; \{2^6, 3^7, 6^8\})$	18344765952
6	$\mathcal{O}(4; \{2^2, 3^{10}, 6^8\})$	146768205312
6	$\mathcal{O}(4; \{2^{11}, 3^2, 6^9\})$	1145498112
6	$\mathcal{O}(4; \{2^7, 3^5, 6^9\})$	9174062592
6	$\mathcal{O}(4; \{2^3, 3^8, 6^9\})$	73382423040
6	$\mathcal{O}(4; \{2^{12}, 6^{10}\})$	574428672
6	$\mathcal{O}(4; \{2^8, 3^3, 6^{10}\})$	4585351680
6	$\mathcal{O}(4; \{2^4, 3^6, 6^{10}\})$	36692891136
6	$\mathcal{O}(4; \{3^9, 6^{10}\})$	293533051392
6	$\mathcal{O}(4; \{2^9, 3, 6^{11}\})$	2294355456
6	$\mathcal{O}(4; \{2^5, 3^4, 6^{11}\})$	18344765952
6	$\mathcal{O}(4; \{2, 3^7, 6^{11}\})$	146768205312
6	$\mathcal{O}(4; \{2^6, 3^2, 6^{12}\})$	9174062592
6	$\mathcal{O}(4; \{2^2, 3^5, 6^{12}\})$	73382423040
6	$\mathcal{O}(4; \{2^7, 6^{13}\})$	4585351680
6	$\mathcal{O}(4; \{2^3, 3^3, 6^{13}\})$	36692891136
6	$\mathcal{O}(4; \{2^4, 3, 6^{14}\})$	18344765952
6	$\mathcal{O}(4; \{3^4, 6^{14}\})$	146768205312
6	$\mathcal{O}(4; \{2, 3^2, 6^{15}\})$	73382423040
6	$\mathcal{O}(4; \{2^2, 6^{16}\})$	36692891136
6	$\mathcal{O}(3; \{2^{30}, 3^2\})$	93312
6	$\mathcal{O}(3; \{2^{26}, 3^5\})$	466560
6	$\mathcal{O}(3; \{2^{22}, 3^8\})$	4012416
6	$\mathcal{O}(3; \{2^{18}, 3^{11}\})$	31819392
6	$\mathcal{O}(3; \{2^{14}, 3^{14}\})$	254835072
6	$\mathcal{O}(3; \{2^{10}, 3^{17}\})$	2038400640
6	$\mathcal{O}(3; \{2^6, 3^{20}\})$	16307485056

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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	$\mathcal{O}(3; \{2^2, 3^{23}\})$	130459600512
6	$\mathcal{O}(3; \{2^{27}, 3^3, 6\})$	279936
6	$\mathcal{O}(3; \{2^{23}, 3^6, 6\})$	1959552
6	$\mathcal{O}(3; \{2^{19}, 3^9, 6\})$	15956352
6	$\mathcal{O}(3; \{2^{15}, 3^{12}, 6\})$	127370880
6	$\mathcal{O}(3; \{2^{11}, 3^{15}, 6\})$	1019246976
6	$\mathcal{O}(3; \{2^7, 3^{18}, 6\})$	8153695872
6	$\mathcal{O}(3; \{2^3, 3^{21}, 6\})$	65229846912
6	$\mathcal{O}(3; \{2^{28}, 3, 6^2\})$	93312
6	$\mathcal{O}(3; \{2^{24}, 3^4, 6^2\})$	1026432
6	$\mathcal{O}(3; \{2^{20}, 3^7, 6^2\})$	7931520
6	$\mathcal{O}(3; \{2^{16}, 3^{10}, 6^2\})$	63732096
6	$\mathcal{O}(3; \{2^{12}, 3^{13}, 6^2\})$	509576832
6	$\mathcal{O}(3; \{2^8, 3^{16}, 6^2\})$	4076894592
6	$\mathcal{O}(3; \{2^4, 3^{19}, 6^2\})$	32614876800
6	$\mathcal{O}(3; \{3^{22}, 6^2\})$	260919294336
6	$\mathcal{O}(3; \{2^{25}, 3^2, 6^3\})$	466560
6	$\mathcal{O}(3; \{2^{21}, 3^5, 6^3\})$	4012416
6	$\mathcal{O}(3; \{2^{17}, 3^8, 6^3\})$	31819392
6	$\mathcal{O}(3; \{2^{13}, 3^{11}, 6^3\})$	254835072
6	$\mathcal{O}(3; \{2^9, 3^{14}, 6^3\})$	2038400640
6	$\mathcal{O}(3; \{2^5, 3^{17}, 6^3\})$	16307485056
6	$\mathcal{O}(3; \{2, 3^{20}, 6^3\})$	130459600512
6	$\mathcal{O}(3; \{2^{26}, 6^4\})$	279936
6	$\mathcal{O}(3; \{2^{22}, 3^3, 6^4\})$	1959552
6	$\mathcal{O}(3; \{2^{18}, 3^6, 6^4\})$	15956352
6	$\mathcal{O}(3; \{2^{14}, 3^9, 6^4\})$	127370880
6	$\mathcal{O}(3; \{2^{10}, 3^{12}, 6^4\})$	1019246976
6	$\mathcal{O}(3; \{2^6, 3^{15}, 6^4\})$	8153695872
6	$\mathcal{O}(3; \{2^2, 3^{18}, 6^4\})$	65229846912
6	$\mathcal{O}(3; \{2^{23}, 3, 6^5\})$	1026432
6	$\mathcal{O}(3; \{2^{19}, 3^4, 6^5\})$	7931520
6	$\mathcal{O}(3; \{2^{15}, 3^7, 6^5\})$	63732096
6	$\mathcal{O}(3; \{2^{11}, 3^{10}, 6^5\})$	509576832
6	$\mathcal{O}(3; \{2^7, 3^{13}, 6^5\})$	4076894592
6	$\mathcal{O}(3; \{2^3, 3^{16}, 6^5\})$	32614876800
6	$\mathcal{O}(3; \{2^{20}, 3^2, 6^6\})$	4012416
6	$\mathcal{O}(3; \{2^{16}, 3^5, 6^6\})$	31819392
6	$\mathcal{O}(3; \{2^{12}, 3^8, 6^6\})$	254835072
6	$\mathcal{O}(3; \{2^8, 3^{11}, 6^6\})$	2038400640
6	$\mathcal{O}(3; \{2^4, 3^{14}, 6^6\})$	16307485056
6	$\mathcal{O}(3; \{3^{17}, 6^6\})$	130459600512
6	$\mathcal{O}(3; \{2^{21}, 6^7\})$	1959552

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{17}, 3^3, 6^7\})$	15956352
6	$\mathcal{O}(3; \{2^{13}, 3^6, 6^7\})$	127370880
6	$\mathcal{O}(3; \{2^9, 3^9, 6^7\})$	1019246976
6	$\mathcal{O}(3; \{2^5, 3^{12}, 6^7\})$	8153695872
6	$\mathcal{O}(3; \{2, 3^{15}, 6^7\})$	65229846912
6	$\mathcal{O}(3; \{2^{18}, 3, 6^8\})$	7931520
6	$\mathcal{O}(3; \{2^{14}, 3^4, 6^8\})$	63732096
6	$\mathcal{O}(3; \{2^{10}, 3^7, 6^8\})$	509576832
6	$\mathcal{O}(3; \{2^6, 3^{10}, 6^8\})$	4076894592
6	$\mathcal{O}(3; \{2^2, 3^{13}, 6^8\})$	32614876800
6	$\mathcal{O}(3; \{2^{15}, 3^2, 6^9\})$	31819392
6	$\mathcal{O}(3; \{2^{11}, 3^5, 6^9\})$	254835072
6	$\mathcal{O}(3; \{2^7, 3^8, 6^9\})$	2038400640
6	$\mathcal{O}(3; \{2^3, 3^{11}, 6^9\})$	16307485056
6	$\mathcal{O}(3; \{2^{16}, 6^{10}\})$	15956352
6	$\mathcal{O}(3; \{2^{12}, 3^3, 6^{10}\})$	127370880
6	$\mathcal{O}(3; \{2^8, 3^6, 6^{10}\})$	1019246976
6	$\mathcal{O}(3; \{2^4, 3^9, 6^{10}\})$	8153695872
6	$\mathcal{O}(3; \{3^{12}, 6^{10}\})$	65229846912
6	$\mathcal{O}(3; \{2^{13}, 3, 6^{11}\})$	63732096
6	$\mathcal{O}(3; \{2^9, 3^4, 6^{11}\})$	509576832
6	$\mathcal{O}(3; \{2^5, 3^7, 6^{11}\})$	4076894592
6	$\mathcal{O}(3; \{2, 3^{10}, 6^{11}\})$	32614876800
6	$\mathcal{O}(3; \{2^{10}, 3^2, 6^{12}\})$	254835072
6	$\mathcal{O}(3; \{2^6, 3^5, 6^{12}\})$	2038400640
6	$\mathcal{O}(3; \{2^2, 3^8, 6^{12}\})$	16307485056
6	$\mathcal{O}(3; \{2^{11}, 6^{13}\})$	127370880
6	$\mathcal{O}(3; \{2^7, 3^3, 6^{13}\})$	1019246976
6	$\mathcal{O}(3; \{2^3, 3^6, 6^{13}\})$	8153695872
6	$\mathcal{O}(3; \{2^8, 3, 6^{14}\})$	509576832
6	$\mathcal{O}(3; \{2^4, 3^4, 6^{14}\})$	4076894592
6	$\mathcal{O}(3; \{3^7, 6^{14}\})$	32614876800
6	$\mathcal{O}(3; \{2^5, 3^2, 6^{15}\})$	2038400640
6	$\mathcal{O}(3; \{2, 3^5, 6^{15}\})$	16307485056
6	$\mathcal{O}(3; \{2^6, 6^{16}\})$	1019246976
6	$\mathcal{O}(3; \{2^2, 3^3, 6^{16}\})$	8153695872
6	$\mathcal{O}(3; \{2^3, 3, 6^{17}\})$	4076894592
6	$\mathcal{O}(3; \{3^2, 6^{18}\})$	16307485056
6	$\mathcal{O}(3; \{2, 6^{19}\})$	8153695872
6	$\mathcal{O}(2; \{2^{34}, 3^2\})$	2592
6	$\mathcal{O}(2; \{2^{30}, 3^5\})$	12960
6	$\mathcal{O}(2; \{2^{26}, 3^8\})$	111456
6	$\mathcal{O}(2; \{2^{22}, 3^{11}\})$	883872

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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	$\mathcal{O}(2; \{2^{18}, 3^{14}\})$	7078752
6	$\mathcal{O}(2; \{2^{14}, 3^{17}\})$	56622240
6	$\mathcal{O}(2; \{2^{10}, 3^{20}\})$	452985696
6	$\mathcal{O}(2; \{2^6, 3^{23}\})$	3623877792
6	$\mathcal{O}(2; \{2^2, 3^{26}\})$	28991030112
6	$\mathcal{O}(2; \{2^{31}, 3^3, 6\})$	7776
6	$\mathcal{O}(2; \{2^{27}, 3^6, 6\})$	54432
6	$\mathcal{O}(2; \{2^{23}, 3^9, 6\})$	443232
6	$\mathcal{O}(2; \{2^{19}, 3^{12}, 6\})$	3538080
6	$\mathcal{O}(2; \{2^{15}, 3^{15}, 6\})$	28312416
6	$\mathcal{O}(2; \{2^{11}, 3^{18}, 6\})$	226491552
6	$\mathcal{O}(2; \{2^7, 3^{21}, 6\})$	1811940192
6	$\mathcal{O}(2; \{2^3, 3^{24}, 6\})$	14495513760
6	$\mathcal{O}(2; \{2^{32}, 3, 6^2\})$	2592
6	$\mathcal{O}(2; \{2^{28}, 3^4, 6^2\})$	28512
6	$\mathcal{O}(2; \{2^{24}, 3^7, 6^2\})$	220320
6	$\mathcal{O}(2; \{2^{20}, 3^{10}, 6^2\})$	1770336
6	$\mathcal{O}(2; \{2^{16}, 3^{13}, 6^2\})$	14154912
6	$\mathcal{O}(2; \{2^{12}, 3^{16}, 6^2\})$	113247072
6	$\mathcal{O}(2; \{2^8, 3^{19}, 6^2\})$	905968800
6	$\mathcal{O}(2; \{2^4, 3^{22}, 6^2\})$	7247758176
6	$\mathcal{O}(2; \{3^{25}, 6^2\})$	57982057632
6	$\mathcal{O}(2; \{2^{29}, 3^2, 6^3\})$	12960
6	$\mathcal{O}(2; \{2^{25}, 3^5, 6^3\})$	111456
6	$\mathcal{O}(2; \{2^{21}, 3^8, 6^3\})$	883872
6	$\mathcal{O}(2; \{2^{17}, 3^{11}, 6^3\})$	7078752
6	$\mathcal{O}(2; \{2^{13}, 3^{14}, 6^3\})$	56622240
6	$\mathcal{O}(2; \{2^9, 3^{17}, 6^3\})$	452985696
6	$\mathcal{O}(2; \{2^5, 3^{20}, 6^3\})$	3623877792
6	$\mathcal{O}(2; \{2, 3^{23}, 6^3\})$	28991030112
6	$\mathcal{O}(2; \{2^{30}, 6^4\})$	7776
6	$\mathcal{O}(2; \{2^{26}, 3^3, 6^4\})$	54432
6	$\mathcal{O}(2; \{2^{22}, 3^6, 6^4\})$	443232
6	$\mathcal{O}(2; \{2^{18}, 3^9, 6^4\})$	3538080
6	$\mathcal{O}(2; \{2^{14}, 3^{12}, 6^4\})$	28312416
6	$\mathcal{O}(2; \{2^{10}, 3^{15}, 6^4\})$	226491552
6	$\mathcal{O}(2; \{2^6, 3^{18}, 6^4\})$	1811940192
6	$\mathcal{O}(2; \{2^2, 3^{21}, 6^4\})$	14495513760
6	$\mathcal{O}(2; \{2^{27}, 3, 6^5\})$	28512
6	$\mathcal{O}(2; \{2^{23}, 3^4, 6^5\})$	220320
6	$\mathcal{O}(2; \{2^{19}, 3^7, 6^5\})$	1770336
6	$\mathcal{O}(2; \{2^{15}, 3^{10}, 6^5\})$	14154912
6	$\mathcal{O}(2; \{2^{11}, 3^{13}, 6^5\})$	113247072

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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	$\mathcal{O}(2; \{2^7, 3^{16}, 6^5\})$	905968800
6	$\mathcal{O}(2; \{2^3, 3^{19}, 6^5\})$	7247758176
6	$\mathcal{O}(2; \{2^{24}, 3^2, 6^6\})$	111456
6	$\mathcal{O}(2; \{2^{20}, 3^5, 6^6\})$	883872
6	$\mathcal{O}(2; \{2^{16}, 3^8, 6^6\})$	7078752
6	$\mathcal{O}(2; \{2^{12}, 3^{11}, 6^6\})$	56622240
6	$\mathcal{O}(2; \{2^8, 3^{14}, 6^6\})$	452985696
6	$\mathcal{O}(2; \{2^4, 3^{17}, 6^6\})$	3623877792
6	$\mathcal{O}(2; \{3^{20}, 6^6\})$	28991030112
6	$\mathcal{O}(2; \{2^{25}, 6^7\})$	54432
6	$\mathcal{O}(2; \{2^{21}, 3^3, 6^7\})$	443232
6	$\mathcal{O}(2; \{2^{17}, 3^6, 6^7\})$	3538080
6	$\mathcal{O}(2; \{2^{13}, 3^9, 6^7\})$	28312416
6	$\mathcal{O}(2; \{2^9, 3^{12}, 6^7\})$	226491552
6	$\mathcal{O}(2; \{2^5, 3^{15}, 6^7\})$	1811940192
6	$\mathcal{O}(2; \{2, 3^{18}, 6^7\})$	14495513760
6	$\mathcal{O}(2; \{2^{22}, 3, 6^8\})$	220320
6	$\mathcal{O}(2; \{2^{18}, 3^4, 6^8\})$	1770336
6	$\mathcal{O}(2; \{2^{14}, 3^7, 6^8\})$	14154912
6	$\mathcal{O}(2; \{2^{10}, 3^{10}, 6^8\})$	113247072
6	$\mathcal{O}(2; \{2^6, 3^{13}, 6^8\})$	905968800
6	$\mathcal{O}(2; \{2^2, 3^{16}, 6^8\})$	7247758176
6	$\mathcal{O}(2; \{2^{19}, 3^2, 6^9\})$	883872
6	$\mathcal{O}(2; \{2^{15}, 3^5, 6^9\})$	7078752
6	$\mathcal{O}(2; \{2^{11}, 3^8, 6^9\})$	56622240
6	$\mathcal{O}(2; \{2^7, 3^{11}, 6^9\})$	452985696
6	$\mathcal{O}(2; \{2^3, 3^{14}, 6^9\})$	3623877792
6	$\mathcal{O}(2; \{2^{20}, 6^{10}\})$	443232
6	$\mathcal{O}(2; \{2^{16}, 3^3, 6^{10}\})$	3538080
6	$\mathcal{O}(2; \{2^{12}, 3^6, 6^{10}\})$	28312416
6	$\mathcal{O}(2; \{2^8, 3^9, 6^{10}\})$	226491552
6	$\mathcal{O}(2; \{2^4, 3^{12}, 6^{10}\})$	1811940192
6	$\mathcal{O}(2; \{3^{15}, 6^{10}\})$	14495513760
6	$\mathcal{O}(2; \{2^{17}, 3, 6^{11}\})$	1770336
6	$\mathcal{O}(2; \{2^{13}, 3^4, 6^{11}\})$	14154912
6	$\mathcal{O}(2; \{2^9, 3^7, 6^{11}\})$	113247072
6	$\mathcal{O}(2; \{2^5, 3^{10}, 6^{11}\})$	905968800
6	$\mathcal{O}(2; \{2, 3^{13}, 6^{11}\})$	7247758176
6	$\mathcal{O}(2; \{2^{14}, 3^2, 6^{12}\})$	7078752
6	$\mathcal{O}(2; \{2^{10}, 3^5, 6^{12}\})$	56622240
6	$\mathcal{O}(2; \{2^6, 3^8, 6^{12}\})$	452985696
6	$\mathcal{O}(2; \{2^2, 3^{11}, 6^{12}\})$	3623877792
6	$\mathcal{O}(2; \{2^{15}, 6^{13}\})$	3538080

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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	$\mathcal{O}(2; \{2^{11}, 3^3, 6^{13}\})$	28312416
6	$\mathcal{O}(2; \{2^7, 3^6, 6^{13}\})$	226491552
6	$\mathcal{O}(2; \{2^3, 3^9, 6^{13}\})$	1811940192
6	$\mathcal{O}(2; \{2^{12}, 3, 6^{14}\})$	14154912
6	$\mathcal{O}(2; \{2^8, 3^4, 6^{14}\})$	113247072
6	$\mathcal{O}(2; \{2^4, 3^7, 6^{14}\})$	905968800
6	$\mathcal{O}(2; \{3^{10}, 6^{14}\})$	7247758176
6	$\mathcal{O}(2; \{2^9, 3^2, 6^{15}\})$	56622240
6	$\mathcal{O}(2; \{2^5, 3^5, 6^{15}\})$	452985696
6	$\mathcal{O}(2; \{2, 3^8, 6^{15}\})$	3623877792
6	$\mathcal{O}(2; \{2^{10}, 6^{16}\})$	28312416
6	$\mathcal{O}(2; \{2^6, 3^3, 6^{16}\})$	226491552
6	$\mathcal{O}(2; \{2^2, 3^6, 6^{16}\})$	1811940192
6	$\mathcal{O}(2; \{2^7, 3, 6^{17}\})$	113247072
6	$\mathcal{O}(2; \{2^3, 3^4, 6^{17}\})$	905968800
6	$\mathcal{O}(2; \{2^4, 3^2, 6^{18}\})$	452985696
6	$\mathcal{O}(2; \{3^5, 6^{18}\})$	3623877792
6	$\mathcal{O}(2; \{2^5, 6^{19}\})$	226491552
6	$\mathcal{O}(2; \{2, 3^3, 6^{19}\})$	1811940192
6	$\mathcal{O}(2; \{2^2, 3, 6^{20}\})$	905968800
6	$\mathcal{O}(2; \{6^{22}\})$	1811940192
6	$\mathcal{O}(1; \{2^{38}, 3^2\})$	72
6	$\mathcal{O}(1; \{2^{34}, 3^5\})$	360
6	$\mathcal{O}(1; \{2^{30}, 3^8\})$	3096
6	$\mathcal{O}(1; \{2^{26}, 3^{11}\})$	24552
6	$\mathcal{O}(1; \{2^{22}, 3^{14}\})$	196632
6	$\mathcal{O}(1; \{2^{18}, 3^{17}\})$	1572840
6	$\mathcal{O}(1; \{2^{14}, 3^{20}\})$	12582936
6	$\mathcal{O}(1; \{2^{10}, 3^{23}\})$	100663272
6	$\mathcal{O}(1; \{2^6, 3^{26}\})$	805306392
6	$\mathcal{O}(1; \{2^2, 3^{29}\})$	6442450920
6	$\mathcal{O}(1; \{2^{35}, 3^3, 6\})$	216
6	$\mathcal{O}(1; \{2^{31}, 3^6, 6\})$	1512
6	$\mathcal{O}(1; \{2^{27}, 3^9, 6\})$	12312
6	$\mathcal{O}(1; \{2^{23}, 3^{12}, 6\})$	98280
6	$\mathcal{O}(1; \{2^{19}, 3^{15}, 6\})$	786456
6	$\mathcal{O}(1; \{2^{15}, 3^{18}, 6\})$	6291432
6	$\mathcal{O}(1; \{2^{11}, 3^{21}, 6\})$	50331672
6	$\mathcal{O}(1; \{2^7, 3^{24}, 6\})$	402653160
6	$\mathcal{O}(1; \{2^3, 3^{27}, 6\})$	3221225496
6	$\mathcal{O}(1; \{2^{36}, 3, 6^2\})$	72
6	$\mathcal{O}(1; \{2^{32}, 3^4, 6^2\})$	792
6	$\mathcal{O}(1; \{2^{28}, 3^7, 6^2\})$	6120

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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	$\mathcal{O}(1; \{2^{24}, 3^{10}, 6^2\})$	49176
6	$\mathcal{O}(1; \{2^{20}, 3^{13}, 6^2\})$	393192
6	$\mathcal{O}(1; \{2^{16}, 3^{16}, 6^2\})$	3145752
6	$\mathcal{O}(1; \{2^{12}, 3^{19}, 6^2\})$	25165800
6	$\mathcal{O}(1; \{2^8, 3^{22}, 6^2\})$	201326616
6	$\mathcal{O}(1; \{2^4, 3^{25}, 6^2\})$	1610612712
6	$\mathcal{O}(1; \{3^{28}, 6^2\})$	12884901912
6	$\mathcal{O}(1; \{2^{33}, 3^2, 6^3\})$	360
6	$\mathcal{O}(1; \{2^{29}, 3^5, 6^3\})$	3096
6	$\mathcal{O}(1; \{2^{25}, 3^8, 6^3\})$	24552
6	$\mathcal{O}(1; \{2^{21}, 3^{11}, 6^3\})$	196632
6	$\mathcal{O}(1; \{2^{17}, 3^{14}, 6^3\})$	1572840
6	$\mathcal{O}(1; \{2^{13}, 3^{17}, 6^3\})$	12582936
6	$\mathcal{O}(1; \{2^9, 3^{20}, 6^3\})$	100663272
6	$\mathcal{O}(1; \{2^5, 3^{23}, 6^3\})$	805306392
6	$\mathcal{O}(1; \{2, 3^{26}, 6^3\})$	6442450920
6	$\mathcal{O}(1; \{2^{34}, 6^4\})$	216
6	$\mathcal{O}(1; \{2^{30}, 3^3, 6^4\})$	1512
6	$\mathcal{O}(1; \{2^{26}, 3^6, 6^4\})$	12312
6	$\mathcal{O}(1; \{2^{22}, 3^9, 6^4\})$	98280
6	$\mathcal{O}(1; \{2^{18}, 3^{12}, 6^4\})$	786456
6	$\mathcal{O}(1; \{2^{14}, 3^{15}, 6^4\})$	6291432
6	$\mathcal{O}(1; \{2^{10}, 3^{18}, 6^4\})$	50331672
6	$\mathcal{O}(1; \{2^6, 3^{21}, 6^4\})$	402653160
6	$\mathcal{O}(1; \{2^2, 3^{24}, 6^4\})$	3221225496
6	$\mathcal{O}(1; \{2^{31}, 3, 6^5\})$	792
6	$\mathcal{O}(1; \{2^{27}, 3^4, 6^5\})$	6120
6	$\mathcal{O}(1; \{2^{23}, 3^7, 6^5\})$	49176
6	$\mathcal{O}(1; \{2^{19}, 3^{10}, 6^5\})$	393192
6	$\mathcal{O}(1; \{2^{15}, 3^{13}, 6^5\})$	3145752
6	$\mathcal{O}(1; \{2^{11}, 3^{16}, 6^5\})$	25165800
6	$\mathcal{O}(1; \{2^7, 3^{19}, 6^5\})$	201326616
6	$\mathcal{O}(1; \{2^3, 3^{22}, 6^5\})$	1610612712
6	$\mathcal{O}(1; \{2^{28}, 3^2, 6^6\})$	3096
6	$\mathcal{O}(1; \{2^{24}, 3^5, 6^6\})$	24552
6	$\mathcal{O}(1; \{2^{20}, 3^8, 6^6\})$	196632
6	$\mathcal{O}(1; \{2^{16}, 3^{11}, 6^6\})$	1572840
6	$\mathcal{O}(1; \{2^{12}, 3^{14}, 6^6\})$	12582936
6	$\mathcal{O}(1; \{2^8, 3^{17}, 6^6\})$	100663272
6	$\mathcal{O}(1; \{2^4, 3^{20}, 6^6\})$	805306392
6	$\mathcal{O}(1; \{3^{23}, 6^6\})$	6442450920
6	$\mathcal{O}(1; \{2^{29}, 6^7\})$	1512
6	$\mathcal{O}(1; \{2^{25}, 3^3, 6^7\})$	12312

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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	$\mathcal{O}(1; \{2^{21}, 3^6, 6^7\})$	98280
6	$\mathcal{O}(1; \{2^{17}, 3^9, 6^7\})$	786456
6	$\mathcal{O}(1; \{2^{13}, 3^{12}, 6^7\})$	6291432
6	$\mathcal{O}(1; \{2^9, 3^{15}, 6^7\})$	50331672
6	$\mathcal{O}(1; \{2^5, 3^{18}, 6^7\})$	402653160
6	$\mathcal{O}(1; \{2, 3^{21}, 6^7\})$	3221225496
6	$\mathcal{O}(1; \{2^{26}, 3, 6^8\})$	6120
6	$\mathcal{O}(1; \{2^{22}, 3^4, 6^8\})$	49176
6	$\mathcal{O}(1; \{2^{18}, 3^7, 6^8\})$	393192
6	$\mathcal{O}(1; \{2^{14}, 3^{10}, 6^8\})$	3145752
6	$\mathcal{O}(1; \{2^{10}, 3^{13}, 6^8\})$	25165800
6	$\mathcal{O}(1; \{2^6, 3^{16}, 6^8\})$	201326616
6	$\mathcal{O}(1; \{2^2, 3^{19}, 6^8\})$	1610612712
6	$\mathcal{O}(1; \{2^{23}, 3^2, 6^9\})$	24552
6	$\mathcal{O}(1; \{2^{19}, 3^5, 6^9\})$	196632
6	$\mathcal{O}(1; \{2^{15}, 3^8, 6^9\})$	1572840
6	$\mathcal{O}(1; \{2^{11}, 3^{11}, 6^9\})$	12582936
6	$\mathcal{O}(1; \{2^7, 3^{14}, 6^9\})$	100663272
6	$\mathcal{O}(1; \{2^3, 3^{17}, 6^9\})$	805306392
6	$\mathcal{O}(1; \{2^{24}, 6^{10}\})$	12312
6	$\mathcal{O}(1; \{2^{20}, 3^3, 6^{10}\})$	98280
6	$\mathcal{O}(1; \{2^{16}, 3^6, 6^{10}\})$	786456
6	$\mathcal{O}(1; \{2^{12}, 3^9, 6^{10}\})$	6291432
6	$\mathcal{O}(1; \{2^8, 3^{12}, 6^{10}\})$	50331672
6	$\mathcal{O}(1; \{2^4, 3^{15}, 6^{10}\})$	402653160
6	$\mathcal{O}(1; \{3^{18}, 6^{10}\})$	3221225496
6	$\mathcal{O}(1; \{2^{21}, 3, 6^{11}\})$	49176
6	$\mathcal{O}(1; \{2^{17}, 3^4, 6^{11}\})$	393192
6	$\mathcal{O}(1; \{2^{13}, 3^7, 6^{11}\})$	3145752
6	$\mathcal{O}(1; \{2^9, 3^{10}, 6^{11}\})$	25165800
6	$\mathcal{O}(1; \{2^5, 3^{13}, 6^{11}\})$	201326616
6	$\mathcal{O}(1; \{2, 3^{16}, 6^{11}\})$	1610612712
6	$\mathcal{O}(1; \{2^{18}, 3^2, 6^{12}\})$	196632
6	$\mathcal{O}(1; \{2^{14}, 3^5, 6^{12}\})$	1572840
6	$\mathcal{O}(1; \{2^{10}, 3^8, 6^{12}\})$	12582936
6	$\mathcal{O}(1; \{2^6, 3^{11}, 6^{12}\})$	100663272
6	$\mathcal{O}(1; \{2^2, 3^{14}, 6^{12}\})$	805306392
6	$\mathcal{O}(1; \{2^{19}, 6^{13}\})$	98280
6	$\mathcal{O}(1; \{2^{15}, 3^3, 6^{13}\})$	786456
6	$\mathcal{O}(1; \{2^{11}, 3^6, 6^{13}\})$	6291432
6	$\mathcal{O}(1; \{2^7, 3^9, 6^{13}\})$	50331672
6	$\mathcal{O}(1; \{2^3, 3^{12}, 6^{13}\})$	402653160
6	$\mathcal{O}(1; \{2^{16}, 3, 6^{14}\})$	393192

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{12}, 3^4, 6^{14}\})$	3145752
6	$\mathcal{O}(1; \{2^8, 3^7, 6^{14}\})$	25165800
6	$\mathcal{O}(1; \{2^4, 3^{10}, 6^{14}\})$	201326616
6	$\mathcal{O}(1; \{3^{13}, 6^{14}\})$	1610612712
6	$\mathcal{O}(1; \{2^{13}, 3^2, 6^{15}\})$	1572840
6	$\mathcal{O}(1; \{2^9, 3^5, 6^{15}\})$	12582936
6	$\mathcal{O}(1; \{2^5, 3^8, 6^{15}\})$	100663272
6	$\mathcal{O}(1; \{2, 3^{11}, 6^{15}\})$	805306392
6	$\mathcal{O}(1; \{2^{14}, 6^{16}\})$	786456
6	$\mathcal{O}(1; \{2^{10}, 3^3, 6^{16}\})$	6291432
6	$\mathcal{O}(1; \{2^6, 3^6, 6^{16}\})$	50331672
6	$\mathcal{O}(1; \{2^2, 3^9, 6^{16}\})$	402653160
6	$\mathcal{O}(1; \{2^{11}, 3, 6^{17}\})$	3145752
6	$\mathcal{O}(1; \{2^7, 3^4, 6^{17}\})$	25165800
6	$\mathcal{O}(1; \{2^3, 3^7, 6^{17}\})$	201326616
6	$\mathcal{O}(1; \{2^8, 3^2, 6^{18}\})$	12582936
6	$\mathcal{O}(1; \{2^4, 3^5, 6^{18}\})$	100663272
6	$\mathcal{O}(1; \{3^8, 6^{18}\})$	805306392
6	$\mathcal{O}(1; \{2^9, 6^{19}\})$	6291432
6	$\mathcal{O}(1; \{2^5, 3^3, 6^{19}\})$	50331672
6	$\mathcal{O}(1; \{2, 3^6, 6^{19}\})$	402653160
6	$\mathcal{O}(1; \{2^6, 3, 6^{20}\})$	25165800
6	$\mathcal{O}(1; \{2^2, 3^4, 6^{20}\})$	201326616
6	$\mathcal{O}(1; \{2^3, 3^2, 6^{21}\})$	100663272
6	$\mathcal{O}(1; \{2^4, 6^{22}\})$	50331672
6	$\mathcal{O}(1; \{3^3, 6^{22}\})$	402653160
6	$\mathcal{O}(1; \{2, 3, 6^{23}\})$	201326616
6	$\mathcal{O}(0; \{2^{42}, 3^2\})$	2
6	$\mathcal{O}(0; \{2^{38}, 3^5\})$	10
6	$\mathcal{O}(0; \{2^{34}, 3^8\})$	86
6	$\mathcal{O}(0; \{2^{30}, 3^{11}\})$	682
6	$\mathcal{O}(0; \{2^{26}, 3^{14}\})$	5462
6	$\mathcal{O}(0; \{2^{22}, 3^{17}\})$	43690
6	$\mathcal{O}(0; \{2^{18}, 3^{20}\})$	349526
6	$\mathcal{O}(0; \{2^{14}, 3^{23}\})$	2796202
6	$\mathcal{O}(0; \{2^{10}, 3^{26}\})$	22369622
6	$\mathcal{O}(0; \{2^6, 3^{29}\})$	178956970
6	$\mathcal{O}(0; \{2^2, 3^{32}\})$	1431655766
6	$\mathcal{O}(0; \{2^{39}, 3^3, 6\})$	6
6	$\mathcal{O}(0; \{2^{35}, 3^6, 6\})$	42
6	$\mathcal{O}(0; \{2^{31}, 3^9, 6\})$	342
6	$\mathcal{O}(0; \{2^{27}, 3^{12}, 6\})$	2730
6	$\mathcal{O}(0; \{2^{23}, 3^{15}, 6\})$	21846

Continued on next page

Table 2 – continued from previous page

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

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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	$\mathcal{O}(0; \{2^7, 3^{22}, 6^5\})$	44739242
6	$\mathcal{O}(0; \{2^3, 3^{25}, 6^5\})$	357913942
6	$\mathcal{O}(0; \{2^{32}, 3^2, 6^6\})$	86
6	$\mathcal{O}(0; \{2^{28}, 3^5, 6^6\})$	682
6	$\mathcal{O}(0; \{2^{24}, 3^8, 6^6\})$	5462
6	$\mathcal{O}(0; \{2^{20}, 3^{11}, 6^6\})$	43690
6	$\mathcal{O}(0; \{2^{16}, 3^{14}, 6^6\})$	349526
6	$\mathcal{O}(0; \{2^{12}, 3^{17}, 6^6\})$	2796202
6	$\mathcal{O}(0; \{2^8, 3^{20}, 6^6\})$	22369622
6	$\mathcal{O}(0; \{2^4, 3^{23}, 6^6\})$	178956970
6	$\mathcal{O}(0; \{3^{26}, 6^6\})$	1431655766
6	$\mathcal{O}(0; \{2^{33}, 6^7\})$	42
6	$\mathcal{O}(0; \{2^{29}, 3^3, 6^7\})$	342
6	$\mathcal{O}(0; \{2^{25}, 3^6, 6^7\})$	2730
6	$\mathcal{O}(0; \{2^{21}, 3^9, 6^7\})$	21846
6	$\mathcal{O}(0; \{2^{17}, 3^{12}, 6^7\})$	174762
6	$\mathcal{O}(0; \{2^{13}, 3^{15}, 6^7\})$	1398102
6	$\mathcal{O}(0; \{2^9, 3^{18}, 6^7\})$	11184810
6	$\mathcal{O}(0; \{2^5, 3^{21}, 6^7\})$	89478486
6	$\mathcal{O}(0; \{2, 3^{24}, 6^7\})$	715827882
6	$\mathcal{O}(0; \{2^{30}, 3, 6^8\})$	170
6	$\mathcal{O}(0; \{2^{26}, 3^4, 6^8\})$	1366
6	$\mathcal{O}(0; \{2^{22}, 3^7, 6^8\})$	10922
6	$\mathcal{O}(0; \{2^{18}, 3^{10}, 6^8\})$	87382
6	$\mathcal{O}(0; \{2^{14}, 3^{13}, 6^8\})$	699050
6	$\mathcal{O}(0; \{2^{10}, 3^{16}, 6^8\})$	5592406
6	$\mathcal{O}(0; \{2^6, 3^{19}, 6^8\})$	44739242
6	$\mathcal{O}(0; \{2^2, 3^{22}, 6^8\})$	357913942
6	$\mathcal{O}(0; \{2^{27}, 3^2, 6^9\})$	682
6	$\mathcal{O}(0; \{2^{23}, 3^5, 6^9\})$	5462
6	$\mathcal{O}(0; \{2^{19}, 3^8, 6^9\})$	43690
6	$\mathcal{O}(0; \{2^{15}, 3^{11}, 6^9\})$	349526
6	$\mathcal{O}(0; \{2^{11}, 3^{14}, 6^9\})$	2796202
6	$\mathcal{O}(0; \{2^7, 3^{17}, 6^9\})$	22369622
6	$\mathcal{O}(0; \{2^3, 3^{20}, 6^9\})$	178956970
6	$\mathcal{O}(0; \{2^{28}, 6^{10}\})$	342
6	$\mathcal{O}(0; \{2^{24}, 3^3, 6^{10}\})$	2730
6	$\mathcal{O}(0; \{2^{20}, 3^6, 6^{10}\})$	21846
6	$\mathcal{O}(0; \{2^{16}, 3^9, 6^{10}\})$	174762
6	$\mathcal{O}(0; \{2^{12}, 3^{12}, 6^{10}\})$	1398102
6	$\mathcal{O}(0; \{2^8, 3^{15}, 6^{10}\})$	11184810
6	$\mathcal{O}(0; \{2^4, 3^{18}, 6^{10}\})$	89478486
6	$\mathcal{O}(0; \{3^{21}, 6^{10}\})$	715827882

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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	$\mathcal{O}(0; \{2^{25}, 3, 6^{11}\})$	1366
6	$\mathcal{O}(0; \{2^{21}, 3^4, 6^{11}\})$	10922
6	$\mathcal{O}(0; \{2^{17}, 3^7, 6^{11}\})$	87382
6	$\mathcal{O}(0; \{2^{13}, 3^{10}, 6^{11}\})$	699050
6	$\mathcal{O}(0; \{2^9, 3^{13}, 6^{11}\})$	5592406
6	$\mathcal{O}(0; \{2^5, 3^{16}, 6^{11}\})$	44739242
6	$\mathcal{O}(0; \{2, 3^{19}, 6^{11}\})$	357913942
6	$\mathcal{O}(0; \{2^{22}, 3^2, 6^{12}\})$	5462
6	$\mathcal{O}(0; \{2^{18}, 3^5, 6^{12}\})$	43690
6	$\mathcal{O}(0; \{2^{14}, 3^8, 6^{12}\})$	349526
6	$\mathcal{O}(0; \{2^{10}, 3^{11}, 6^{12}\})$	2796202
6	$\mathcal{O}(0; \{2^6, 3^{14}, 6^{12}\})$	22369622
6	$\mathcal{O}(0; \{2^2, 3^{17}, 6^{12}\})$	178956970
6	$\mathcal{O}(0; \{2^{23}, 6^{13}\})$	2730
6	$\mathcal{O}(0; \{2^{19}, 3^3, 6^{13}\})$	21846
6	$\mathcal{O}(0; \{2^{15}, 3^6, 6^{13}\})$	174762
6	$\mathcal{O}(0; \{2^{11}, 3^9, 6^{13}\})$	1398102
6	$\mathcal{O}(0; \{2^7, 3^{12}, 6^{13}\})$	11184810
6	$\mathcal{O}(0; \{2^3, 3^{15}, 6^{13}\})$	89478486
6	$\mathcal{O}(0; \{2^{20}, 3, 6^{14}\})$	10922
6	$\mathcal{O}(0; \{2^{16}, 3^4, 6^{14}\})$	87382
6	$\mathcal{O}(0; \{2^{12}, 3^7, 6^{14}\})$	699050
6	$\mathcal{O}(0; \{2^8, 3^{10}, 6^{14}\})$	5592406
6	$\mathcal{O}(0; \{2^4, 3^{13}, 6^{14}\})$	44739242
6	$\mathcal{O}(0; \{3^{16}, 6^{14}\})$	357913942
6	$\mathcal{O}(0; \{2^{17}, 3^2, 6^{15}\})$	43690
6	$\mathcal{O}(0; \{2^{13}, 3^5, 6^{15}\})$	349526
6	$\mathcal{O}(0; \{2^9, 3^8, 6^{15}\})$	2796202
6	$\mathcal{O}(0; \{2^5, 3^{11}, 6^{15}\})$	22369622
6	$\mathcal{O}(0; \{2, 3^{14}, 6^{15}\})$	178956970
6	$\mathcal{O}(0; \{2^{18}, 6^{16}\})$	21846
6	$\mathcal{O}(0; \{2^{14}, 3^3, 6^{16}\})$	174762
6	$\mathcal{O}(0; \{2^{10}, 3^6, 6^{16}\})$	1398102
6	$\mathcal{O}(0; \{2^6, 3^9, 6^{16}\})$	11184810
6	$\mathcal{O}(0; \{2^2, 3^{12}, 6^{16}\})$	89478486
6	$\mathcal{O}(0; \{2^{15}, 3, 6^{17}\})$	87382
6	$\mathcal{O}(0; \{2^{11}, 3^4, 6^{17}\})$	699050
6	$\mathcal{O}(0; \{2^7, 3^7, 6^{17}\})$	5592406
6	$\mathcal{O}(0; \{2^3, 3^{10}, 6^{17}\})$	44739242
6	$\mathcal{O}(0; \{2^{12}, 3^2, 6^{18}\})$	349526
6	$\mathcal{O}(0; \{2^8, 3^5, 6^{18}\})$	2796202
6	$\mathcal{O}(0; \{2^4, 3^8, 6^{18}\})$	22369622
6	$\mathcal{O}(0; \{3^{11}, 6^{18}\})$	178956970

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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	$\mathcal{O}(0; \{2^{13}, 6^{19}\})$	174762
6	$\mathcal{O}(0; \{2^9, 3^3, 6^{19}\})$	1398102
6	$\mathcal{O}(0; \{2^5, 3^6, 6^{19}\})$	11184810
6	$\mathcal{O}(0; \{2, 3^9, 6^{19}\})$	89478486
6	$\mathcal{O}(0; \{2^{10}, 3, 6^{20}\})$	699050
6	$\mathcal{O}(0; \{2^6, 3^4, 6^{20}\})$	5592406
6	$\mathcal{O}(0; \{2^2, 3^7, 6^{20}\})$	44739242
6	$\mathcal{O}(0; \{2^7, 3^2, 6^{21}\})$	2796202
6	$\mathcal{O}(0; \{2^3, 3^5, 6^{21}\})$	22369622
6	$\mathcal{O}(0; \{2^8, 6^{22}\})$	1398102
6	$\mathcal{O}(0; \{2^4, 3^3, 6^{22}\})$	11184810
6	$\mathcal{O}(0; \{3^6, 6^{22}\})$	89478486
6	$\mathcal{O}(0; \{2^5, 3, 6^{23}\})$	5592406
6	$\mathcal{O}(0; \{2, 3^4, 6^{23}\})$	44739242
6	$\mathcal{O}(0; \{2^2, 3^2, 6^{24}\})$	22369622
6	$\mathcal{O}(0; \{2^3, 6^{25}\})$	11184810
6	$\mathcal{O}(0; \{3, 6^{26}\})$	44739242
7	$\mathcal{O}(8; \{7^4\})$	6181325085945786
7	$\mathcal{O}(5; \{7^{11}\})$	14640169576459350
7	$\mathcal{O}(2; \{7^{18}\})$	34835065137268746
8	$\mathcal{O}(7; \{2^3, 8^2\})$	17592186044416
8	$\mathcal{O}(7; \{4^2, 8^2\})$	70368744177664
8	$\mathcal{O}(6; \{2^7, 8^2\})$	274877906944
8	$\mathcal{O}(6; \{2^4, 4^2, 8^2\})$	1099511627776
8	$\mathcal{O}(6; \{2, 4^4, 8^2\})$	4398046511104
8	$\mathcal{O}(6; \{2^2, 4, 8^4\})$	8796093022208
8	$\mathcal{O}(6; \{8^6\})$	70368744177664
8	$\mathcal{O}(5; \{2^{11}, 8^2\})$	4294967296
8	$\mathcal{O}(5; \{2^8, 4^2, 8^2\})$	17179869184
8	$\mathcal{O}(5; \{2^5, 4^4, 8^2\})$	68719476736
8	$\mathcal{O}(5; \{2^2, 4^6, 8^2\})$	274877906944
8	$\mathcal{O}(5; \{2^6, 4, 8^4\})$	137438953472
8	$\mathcal{O}(5; \{2^3, 4^3, 8^4\})$	549755813888
8	$\mathcal{O}(5; \{4^5, 8^4\})$	2199023255552
8	$\mathcal{O}(5; \{2^4, 8^6\})$	1099511627776
8	$\mathcal{O}(5; \{2, 4^2, 8^6\})$	4398046511104
8	$\mathcal{O}(4; \{2^{15}, 8^2\})$	67108864
8	$\mathcal{O}(4; \{2^{12}, 4^2, 8^2\})$	268435456
8	$\mathcal{O}(4; \{2^9, 4^4, 8^2\})$	1073741824
8	$\mathcal{O}(4; \{2^6, 4^6, 8^2\})$	4294967296
8	$\mathcal{O}(4; \{2^3, 4^8, 8^2\})$	17179869184
8	$\mathcal{O}(4; \{4^{10}, 8^2\})$	68719476736
8	$\mathcal{O}(4; \{2^{10}, 4, 8^4\})$	2147483648

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Table 2 – continued from previous page

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

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^9, 4^7, 8^4\})$	33554432
8	$\mathcal{O}(2; \{2^6, 4^9, 8^4\})$	134217728
8	$\mathcal{O}(2; \{2^3, 4^{11}, 8^4\})$	536870912
8	$\mathcal{O}(2; \{4^{13}, 8^4\})$	2147483648
8	$\mathcal{O}(2; \{2^{16}, 8^6\})$	4194304
8	$\mathcal{O}(2; \{2^{13}, 4^2, 8^6\})$	16777216
8	$\mathcal{O}(2; \{2^{10}, 4^4, 8^6\})$	67108864
8	$\mathcal{O}(2; \{2^7, 4^6, 8^6\})$	268435456
8	$\mathcal{O}(2; \{2^4, 4^8, 8^6\})$	1073741824
8	$\mathcal{O}(2; \{2, 4^{10}, 8^6\})$	4294967296
8	$\mathcal{O}(2; \{2^{11}, 4, 8^8\})$	134217728
8	$\mathcal{O}(2; \{2^8, 4^3, 8^8\})$	536870912
8	$\mathcal{O}(2; \{2^5, 4^5, 8^8\})$	2147483648
8	$\mathcal{O}(2; \{2^2, 4^7, 8^8\})$	8589934592
8	$\mathcal{O}(2; \{2^9, 8^{10}\})$	1073741824
8	$\mathcal{O}(2; \{2^6, 4^2, 8^{10}\})$	4294967296
8	$\mathcal{O}(2; \{2^3, 4^4, 8^{10}\})$	17179869184
8	$\mathcal{O}(2; \{4^6, 8^{10}\})$	68719476736
8	$\mathcal{O}(2; \{2^4, 4, 8^{12}\})$	34359738368
8	$\mathcal{O}(2; \{2, 4^3, 8^{12}\})$	137438953472
8	$\mathcal{O}(2; \{2^2, 8^{14}\})$	274877906944
8	$\mathcal{O}(1; \{2^{27}, 8^2\})$	256
8	$\mathcal{O}(1; \{2^{24}, 4^2, 8^2\})$	1024
8	$\mathcal{O}(1; \{2^{21}, 4^4, 8^2\})$	4096
8	$\mathcal{O}(1; \{2^{18}, 4^6, 8^2\})$	16384
8	$\mathcal{O}(1; \{2^{15}, 4^8, 8^2\})$	65536
8	$\mathcal{O}(1; \{2^{12}, 4^{10}, 8^2\})$	262144
8	$\mathcal{O}(1; \{2^9, 4^{12}, 8^2\})$	1048576
8	$\mathcal{O}(1; \{2^6, 4^{14}, 8^2\})$	4194304
8	$\mathcal{O}(1; \{2^3, 4^{16}, 8^2\})$	16777216
8	$\mathcal{O}(1; \{4^{18}, 8^2\})$	67108864
8	$\mathcal{O}(1; \{2^{22}, 4, 8^4\})$	8192
8	$\mathcal{O}(1; \{2^{19}, 4^3, 8^4\})$	32768
8	$\mathcal{O}(1; \{2^{16}, 4^5, 8^4\})$	131072
8	$\mathcal{O}(1; \{2^{13}, 4^7, 8^4\})$	524288
8	$\mathcal{O}(1; \{2^{10}, 4^9, 8^4\})$	2097152
8	$\mathcal{O}(1; \{2^7, 4^{11}, 8^4\})$	8388608
8	$\mathcal{O}(1; \{2^4, 4^{13}, 8^4\})$	33554432
8	$\mathcal{O}(1; \{2, 4^{15}, 8^4\})$	134217728
8	$\mathcal{O}(1; \{2^{20}, 8^6\})$	65536
8	$\mathcal{O}(1; \{2^{17}, 4^2, 8^6\})$	262144
8	$\mathcal{O}(1; \{2^{14}, 4^4, 8^6\})$	1048576
8	$\mathcal{O}(1; \{2^{11}, 4^6, 8^6\})$	4194304

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^8, 4^8, 8^6\})$	16777216
8	$\mathcal{O}(1; \{2^5, 4^{10}, 8^6\})$	67108864
8	$\mathcal{O}(1; \{2^2, 4^{12}, 8^6\})$	268435456
8	$\mathcal{O}(1; \{2^{15}, 4, 8^8\})$	2097152
8	$\mathcal{O}(1; \{2^{12}, 4^3, 8^8\})$	8388608
8	$\mathcal{O}(1; \{2^9, 4^5, 8^8\})$	33554432
8	$\mathcal{O}(1; \{2^6, 4^7, 8^8\})$	134217728
8	$\mathcal{O}(1; \{2^3, 4^9, 8^8\})$	536870912
8	$\mathcal{O}(1; \{4^{11}, 8^8\})$	2147483648
8	$\mathcal{O}(1; \{2^{13}, 8^{10}\})$	16777216
8	$\mathcal{O}(1; \{2^{10}, 4^2, 8^{10}\})$	67108864
8	$\mathcal{O}(1; \{2^7, 4^4, 8^{10}\})$	268435456
8	$\mathcal{O}(1; \{2^4, 4^6, 8^{10}\})$	1073741824
8	$\mathcal{O}(1; \{2, 4^8, 8^{10}\})$	4294967296
8	$\mathcal{O}(1; \{2^8, 4, 8^{12}\})$	536870912
8	$\mathcal{O}(1; \{2^5, 4^3, 8^{12}\})$	2147483648
8	$\mathcal{O}(1; \{2^2, 4^5, 8^{12}\})$	8589934592
8	$\mathcal{O}(1; \{2^6, 8^{14}\})$	4294967296
8	$\mathcal{O}(1; \{2^3, 4^2, 8^{14}\})$	17179869184
8	$\mathcal{O}(1; \{4^4, 8^{14}\})$	68719476736
8	$\mathcal{O}(1; \{2, 4, 8^{16}\})$	137438953472
8	$\mathcal{O}(0; \{2^{31}, 8^2\})$	4
8	$\mathcal{O}(0; \{2^{28}, 4^2, 8^2\})$	16
8	$\mathcal{O}(0; \{2^{25}, 4^4, 8^2\})$	64
8	$\mathcal{O}(0; \{2^{22}, 4^6, 8^2\})$	256
8	$\mathcal{O}(0; \{2^{19}, 4^8, 8^2\})$	1024
8	$\mathcal{O}(0; \{2^{16}, 4^{10}, 8^2\})$	4096
8	$\mathcal{O}(0; \{2^{13}, 4^{12}, 8^2\})$	16384
8	$\mathcal{O}(0; \{2^{10}, 4^{14}, 8^2\})$	65536
8	$\mathcal{O}(0; \{2^7, 4^{16}, 8^2\})$	262144
8	$\mathcal{O}(0; \{2^4, 4^{18}, 8^2\})$	1048576
8	$\mathcal{O}(0; \{2, 4^{20}, 8^2\})$	4194304
8	$\mathcal{O}(0; \{2^{26}, 4, 8^4\})$	128
8	$\mathcal{O}(0; \{2^{23}, 4^3, 8^4\})$	512
8	$\mathcal{O}(0; \{2^{20}, 4^5, 8^4\})$	2048
8	$\mathcal{O}(0; \{2^{17}, 4^7, 8^4\})$	8192
8	$\mathcal{O}(0; \{2^{14}, 4^9, 8^4\})$	32768
8	$\mathcal{O}(0; \{2^{11}, 4^{11}, 8^4\})$	131072
8	$\mathcal{O}(0; \{2^8, 4^{13}, 8^4\})$	524288
8	$\mathcal{O}(0; \{2^5, 4^{15}, 8^4\})$	2097152
8	$\mathcal{O}(0; \{2^2, 4^{17}, 8^4\})$	8388608
8	$\mathcal{O}(0; \{2^{24}, 8^6\})$	1024
8	$\mathcal{O}(0; \{2^{21}, 4^2, 8^6\})$	4096

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^{18}, 4^4, 8^6\})$	16384
8	$\mathcal{O}(0; \{2^{15}, 4^6, 8^6\})$	65536
8	$\mathcal{O}(0; \{2^{12}, 4^8, 8^6\})$	262144
8	$\mathcal{O}(0; \{2^9, 4^{10}, 8^6\})$	1048576
8	$\mathcal{O}(0; \{2^6, 4^{12}, 8^6\})$	4194304
8	$\mathcal{O}(0; \{2^3, 4^{14}, 8^6\})$	16777216
8	$\mathcal{O}(0; \{4^{16}, 8^6\})$	67108864
8	$\mathcal{O}(0; \{2^{19}, 4, 8^8\})$	32768
8	$\mathcal{O}(0; \{2^{16}, 4^3, 8^8\})$	131072
8	$\mathcal{O}(0; \{2^{13}, 4^5, 8^8\})$	524288
8	$\mathcal{O}(0; \{2^{10}, 4^7, 8^8\})$	2097152
8	$\mathcal{O}(0; \{2^7, 4^9, 8^8\})$	8388608
8	$\mathcal{O}(0; \{2^4, 4^{11}, 8^8\})$	33554432
8	$\mathcal{O}(0; \{2, 4^{13}, 8^8\})$	134217728
8	$\mathcal{O}(0; \{2^{17}, 8^{10}\})$	262144
8	$\mathcal{O}(0; \{2^{14}, 4^2, 8^{10}\})$	1048576
8	$\mathcal{O}(0; \{2^{11}, 4^4, 8^{10}\})$	4194304
8	$\mathcal{O}(0; \{2^8, 4^6, 8^{10}\})$	16777216
8	$\mathcal{O}(0; \{2^5, 4^8, 8^{10}\})$	67108864
8	$\mathcal{O}(0; \{2^2, 4^{10}, 8^{10}\})$	268435456
8	$\mathcal{O}(0; \{2^{12}, 4, 8^{12}\})$	8388608
8	$\mathcal{O}(0; \{2^9, 4^3, 8^{12}\})$	33554432
8	$\mathcal{O}(0; \{2^6, 4^5, 8^{12}\})$	134217728
8	$\mathcal{O}(0; \{2^3, 4^7, 8^{12}\})$	536870912
8	$\mathcal{O}(0; \{4^9, 8^{12}\})$	2147483648
8	$\mathcal{O}(0; \{2^{10}, 8^{14}\})$	67108864
8	$\mathcal{O}(0; \{2^7, 4^2, 8^{14}\})$	268435456
8	$\mathcal{O}(0; \{2^4, 4^4, 8^{14}\})$	1073741824
8	$\mathcal{O}(0; \{2, 4^6, 8^{14}\})$	4294967296
8	$\mathcal{O}(0; \{2^5, 4, 8^{16}\})$	2147483648
8	$\mathcal{O}(0; \{2^2, 4^3, 8^{16}\})$	8589934592
8	$\mathcal{O}(0; \{2^3, 8^{18}\})$	17179869184
8	$\mathcal{O}(0; \{4^2, 8^{18}\})$	68719476736
9	$\mathcal{O}(6; \{9^4\})$	45753584909922
9	$\mathcal{O}(5; \{3^3, 9^4\})$	4518872583696
9	$\mathcal{O}(4; \{3^6, 9^4\})$	446308403328
9	$\mathcal{O}(4; \{3^2, 9^7\})$	5272018014312
9	$\mathcal{O}(3; \{3^9, 9^4\})$	44079842304
9	$\mathcal{O}(3; \{3^5, 9^7\})$	520693137216
9	$\mathcal{O}(3; \{3, 9^{10}\})$	7154881590852
9	$\mathcal{O}(2; \{3^{12}, 9^4\})$	4353564672
9	$\mathcal{O}(2; \{3^8, 9^7\})$	51426482688
9	$\mathcal{O}(2; \{3^4, 9^{10}\})$	706654971936

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(2; \{9^{13}\})$	9518921414730
9	$\mathcal{O}(1; \{3^{15}, 9^4\})$	429981696
9	$\mathcal{O}(1; \{3^{11}, 9^7\})$	5079158784
9	$\mathcal{O}(1; \{3^7, 9^{10}\})$	69793083648
9	$\mathcal{O}(1; \{3^3, 9^{13}\})$	940140386640
9	$\mathcal{O}(0; \{3^{18}, 9^4\})$	42467328
9	$\mathcal{O}(0; \{3^{14}, 9^7\})$	501645312
9	$\mathcal{O}(0; \{3^{10}, 9^{10}\})$	6893144064
9	$\mathcal{O}(0; \{3^6, 9^{13}\})$	92853371520
9	$\mathcal{O}(0; \{3^2, 9^{16}\})$	1253864889288
10	$\mathcal{O}(6; \{2, 5, 10\})$	4000000000000
10	$\mathcal{O}(5; \{2^2, 5^4\})$	5200000000000
10	$\mathcal{O}(5; \{2^5, 5, 10\})$	4000000000000
10	$\mathcal{O}(5; \{5^3, 10^2\})$	2040000000000
10	$\mathcal{O}(5; \{2^3, 10^3\})$	1200000000000
10	$\mathcal{O}(4; \{2^6, 5^4\})$	5200000000000
10	$\mathcal{O}(4; \{2^9, 5, 10\})$	4000000000000
10	$\mathcal{O}(4; \{2, 5^6, 10\})$	3276000000000
10	$\mathcal{O}(4; \{2^4, 5^3, 10^2\})$	2040000000000
10	$\mathcal{O}(4; \{2^7, 10^3\})$	1200000000000
10	$\mathcal{O}(4; \{2^2, 5^2, 10^4\})$	8200000000000
10	$\mathcal{O}(4; \{5, 10^6\})$	3276000000000
10	$\mathcal{O}(3; \{2^{10}, 5^4\})$	5200000000000
10	$\mathcal{O}(3; \{2^2, 5^9\})$	5242800000000
10	$\mathcal{O}(3; \{2^{13}, 5, 10\})$	4000000000000
10	$\mathcal{O}(3; \{2^5, 5^6, 10\})$	3276000000000
10	$\mathcal{O}(3; \{2^8, 5^3, 10^2\})$	2040000000000
10	$\mathcal{O}(3; \{5^8, 10^2\})$	2097160000000
10	$\mathcal{O}(3; \{2^{11}, 10^3\})$	1200000000000
10	$\mathcal{O}(3; \{2^3, 5^5, 10^3\})$	1310800000000
10	$\mathcal{O}(3; \{2^6, 5^2, 10^4\})$	8200000000000
10	$\mathcal{O}(3; \{2, 5^4, 10^5\})$	5242800000000
10	$\mathcal{O}(3; \{2^4, 5, 10^6\})$	3276000000000
10	$\mathcal{O}(3; \{2^2, 10^8\})$	1310800000000
10	$\mathcal{O}(2; \{2^{14}, 5^4\})$	5200000000000
10	$\mathcal{O}(2; \{2^6, 5^9\})$	5242800000000
10	$\mathcal{O}(2; \{2^{17}, 5, 10\})$	4000000000000
10	$\mathcal{O}(2; \{2^9, 5^6, 10\})$	3276000000000
10	$\mathcal{O}(2; \{2, 5^{11}, 10\})$	3355444000000
10	$\mathcal{O}(2; \{2^{12}, 5^3, 10^2\})$	2040000000000
10	$\mathcal{O}(2; \{2^4, 5^8, 10^2\})$	2097160000000
10	$\mathcal{O}(2; \{2^{15}, 10^3\})$	1200000000000
10	$\mathcal{O}(2; \{2^7, 5^5, 10^3\})$	1310800000000

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{2^{10}, 5^2, 10^4\})$	8200000
10	$\mathcal{O}(2; \{2^2, 5^7, 10^4\})$	8388600000
10	$\mathcal{O}(2; \{2^5, 5^4, 10^5\})$	524280000
10	$\mathcal{O}(2; \{2^8, 5, 10^6\})$	32760000
10	$\mathcal{O}(2; \{5^6, 10^6\})$	33554440000
10	$\mathcal{O}(2; \{2^3, 5^3, 10^7\})$	2097160000
10	$\mathcal{O}(2; \{2^6, 10^8\})$	131080000
10	$\mathcal{O}(2; \{2, 5^2, 10^9\})$	8388600000
10	$\mathcal{O}(1; \{2^{18}, 5^4\})$	5200
10	$\mathcal{O}(1; \{2^{10}, 5^9\})$	5242800
10	$\mathcal{O}(1; \{2^2, 5^{14}\})$	5368709200
10	$\mathcal{O}(1; \{2^{21}, 5, 10\})$	400
10	$\mathcal{O}(1; \{2^{13}, 5^6, 10\})$	327600
10	$\mathcal{O}(1; \{2^5, 5^{11}, 10\})$	335544400
10	$\mathcal{O}(1; \{2^{16}, 5^3, 10^2\})$	20400
10	$\mathcal{O}(1; \{2^8, 5^8, 10^2\})$	20971600
10	$\mathcal{O}(1; \{5^{13}, 10^2\})$	21474836400
10	$\mathcal{O}(1; \{2^{19}, 10^3\})$	1200
10	$\mathcal{O}(1; \{2^{11}, 5^5, 10^3\})$	1310800
10	$\mathcal{O}(1; \{2^3, 5^{10}, 10^3\})$	1342177200
10	$\mathcal{O}(1; \{2^{14}, 5^2, 10^4\})$	82000
10	$\mathcal{O}(1; \{2^6, 5^7, 10^4\})$	83886000
10	$\mathcal{O}(1; \{2^9, 5^4, 10^5\})$	5242800
10	$\mathcal{O}(1; \{2, 5^9, 10^5\})$	5368709200
10	$\mathcal{O}(1; \{2^{12}, 5, 10^6\})$	327600
10	$\mathcal{O}(1; \{2^4, 5^6, 10^6\})$	335544400
10	$\mathcal{O}(1; \{2^7, 5^3, 10^7\})$	20971600
10	$\mathcal{O}(1; \{2^{10}, 10^8\})$	1310800
10	$\mathcal{O}(1; \{2^2, 5^5, 10^8\})$	1342177200
10	$\mathcal{O}(1; \{2^5, 5^2, 10^9\})$	83886000
10	$\mathcal{O}(1; \{5^4, 10^{10}\})$	5368709200
10	$\mathcal{O}(1; \{2^3, 5, 10^{11}\})$	335544400
10	$\mathcal{O}(1; \{2, 10^{13}\})$	1342177200
10	$\mathcal{O}(0; \{2^{22}, 5^4\})$	52
10	$\mathcal{O}(0; \{2^{14}, 5^9\})$	52428
10	$\mathcal{O}(0; \{2^6, 5^{14}\})$	53687092
10	$\mathcal{O}(0; \{2^{25}, 5, 10\})$	4
10	$\mathcal{O}(0; \{2^{17}, 5^6, 10\})$	3276
10	$\mathcal{O}(0; \{2^9, 5^{11}, 10\})$	3355444
10	$\mathcal{O}(0; \{2, 5^{16}, 10\})$	3435973836
10	$\mathcal{O}(0; \{2^{20}, 5^3, 10^2\})$	204
10	$\mathcal{O}(0; \{2^{12}, 5^8, 10^2\})$	209716
10	$\mathcal{O}(0; \{2^4, 5^{13}, 10^2\})$	214748364

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{2^{23}, 10^3\})$	12
10	$\mathcal{O}(0; \{2^{15}, 5^5, 10^3\})$	13108
10	$\mathcal{O}(0; \{2^7, 5^{10}, 10^3\})$	13421772
10	$\mathcal{O}(0; \{2^{18}, 5^2, 10^4\})$	820
10	$\mathcal{O}(0; \{2^{10}, 5^7, 10^4\})$	838860
10	$\mathcal{O}(0; \{2^2, 5^{12}, 10^4\})$	858993460
10	$\mathcal{O}(0; \{2^{13}, 5^4, 10^5\})$	52428
10	$\mathcal{O}(0; \{2^5, 5^9, 10^5\})$	53687092
10	$\mathcal{O}(0; \{2^{16}, 5, 10^6\})$	3276
10	$\mathcal{O}(0; \{2^8, 5^6, 10^6\})$	3355444
10	$\mathcal{O}(0; \{5^{11}, 10^6\})$	3435973836
10	$\mathcal{O}(0; \{2^{11}, 5^3, 10^7\})$	209716
10	$\mathcal{O}(0; \{2^3, 5^8, 10^7\})$	214748364
10	$\mathcal{O}(0; \{2^{14}, 10^8\})$	13108
10	$\mathcal{O}(0; \{2^6, 5^5, 10^8\})$	13421772
10	$\mathcal{O}(0; \{2^9, 5^2, 10^9\})$	838860
10	$\mathcal{O}(0; \{2, 5^7, 10^9\})$	858993460
10	$\mathcal{O}(0; \{2^4, 5^4, 10^{10}\})$	53687092
10	$\mathcal{O}(0; \{2^7, 5, 10^{11}\})$	3355444
10	$\mathcal{O}(0; \{2^2, 5^3, 10^{12}\})$	214748364
10	$\mathcal{O}(0; \{2^5, 10^{13}\})$	13421772
10	$\mathcal{O}(0; \{5^2, 10^{14}\})$	858993460
11	$\mathcal{O}(2; \{11^{10}\})$	13310000013310
12	$\mathcal{O}(4; \{3^4, 4^2\})$	5159780352
12	$\mathcal{O}(4; \{2, 3^2, 4^2, 6\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 4^2, 6^2\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^3, 4, 12\})$	5159780352
12	$\mathcal{O}(4; \{2^2, 3, 4, 6, 12\})$	1719926784
12	$\mathcal{O}(4; \{4, 6^3, 12\})$	5159780352
12	$\mathcal{O}(4; \{2^2, 3^2, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{2^3, 6, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{4^2, 6, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{3, 6^2, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{3, 4, 12^3\})$	20639121408
12	$\mathcal{O}(4; \{2, 12^4\})$	20639121408
12	$\mathcal{O}(3; \{2^4, 3^4, 4^2\})$	35831808
12	$\mathcal{O}(3; \{3^7, 4^2\})$	250822656
12	$\mathcal{O}(3; \{2, 3^4, 4^4\})$	143327232
12	$\mathcal{O}(3; \{2^5, 3^2, 4^2, 6\})$	11943936
12	$\mathcal{O}(3; \{2, 3^5, 4^2, 6\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^2, 4^4, 6\})$	47775744
12	$\mathcal{O}(3; \{2^6, 4^2, 6^2\})$	11943936
12	$\mathcal{O}(3; \{2^2, 3^3, 4^2, 6^2\})$	59719680

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

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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	$\mathcal{O}(3; \{4, 6, 12^5\})$	2102132736
12	$\mathcal{O}(3; \{3, 12^6\})$	4013162496
12	$\mathcal{O}(2; \{2^8, 3^4, 4^2\})$	248832
12	$\mathcal{O}(2; \{2^4, 3^7, 4^2\})$	1741824
12	$\mathcal{O}(2; \{3^{10}, 4^2\})$	14183424
12	$\mathcal{O}(2; \{2^5, 3^4, 4^4\})$	995328
12	$\mathcal{O}(2; \{2, 3^7, 4^4\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^4, 4^6\})$	3981312
12	$\mathcal{O}(2; \{2^9, 3^2, 4^2, 6\})$	82944
12	$\mathcal{O}(2; \{2^5, 3^5, 4^2, 6\})$	912384
12	$\mathcal{O}(2; \{2, 3^8, 4^2, 6\})$	7050240
12	$\mathcal{O}(2; \{2^6, 3^2, 4^4, 6\})$	331776
12	$\mathcal{O}(2; \{2^2, 3^5, 4^4, 6\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^2, 4^6, 6\})$	1327104
12	$\mathcal{O}(2; \{3^2, 4^8, 6\})$	5308416
12	$\mathcal{O}(2; \{2^{10}, 4^2, 6^2\})$	82944
12	$\mathcal{O}(2; \{2^6, 3^3, 4^2, 6^2\})$	414720
12	$\mathcal{O}(2; \{2^2, 3^6, 4^2, 6^2\})$	3566592
12	$\mathcal{O}(2; \{2^7, 4^4, 6^2\})$	331776
12	$\mathcal{O}(2; \{2^3, 3^3, 4^4, 6^2\})$	1658880
12	$\mathcal{O}(2; \{2^4, 4^6, 6^2\})$	1327104
12	$\mathcal{O}(2; \{3^3, 4^6, 6^2\})$	6635520
12	$\mathcal{O}(2; \{2, 4^8, 6^2\})$	5308416
12	$\mathcal{O}(2; \{2^7, 3, 4^2, 6^3\})$	248832
12	$\mathcal{O}(2; \{2^3, 3^4, 4^2, 6^3\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3, 4^4, 6^3\})$	995328
12	$\mathcal{O}(2; \{3^4, 4^4, 6^3\})$	6967296
12	$\mathcal{O}(2; \{2, 3, 4^6, 6^3\})$	3981312
12	$\mathcal{O}(2; \{2^4, 3^2, 4^2, 6^4\})$	912384
12	$\mathcal{O}(2; \{3^5, 4^2, 6^4\})$	7050240
12	$\mathcal{O}(2; \{2, 3^2, 4^4, 6^4\})$	3649536
12	$\mathcal{O}(2; \{2^5, 4^2, 6^5\})$	414720
12	$\mathcal{O}(2; \{2, 3^3, 4^2, 6^5\})$	3566592
12	$\mathcal{O}(2; \{2^2, 4^4, 6^5\})$	1658880
12	$\mathcal{O}(2; \{2^2, 3, 4^2, 6^6\})$	1741824
12	$\mathcal{O}(2; \{4^2, 6^8\})$	3566592
12	$\mathcal{O}(2; \{2^9, 3^3, 4, 12\})$	248832
12	$\mathcal{O}(2; \{2^5, 3^6, 4, 12\})$	1741824
12	$\mathcal{O}(2; \{2, 3^9, 4, 12\})$	14183424
12	$\mathcal{O}(2; \{2^6, 3^3, 4^3, 12\})$	995328
12	$\mathcal{O}(2; \{2^2, 3^6, 4^3, 12\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^3, 4^5, 12\})$	3981312
12	$\mathcal{O}(2; \{3^3, 4^7, 12\})$	15925248

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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	$\mathcal{O}(2; \{2^{10}, 3, 4, 6, 12\})$	82944
12	$\mathcal{O}(2; \{2^6, 3^4, 4, 6, 12\})$	912384
12	$\mathcal{O}(2; \{2^2, 3^7, 4, 6, 12\})$	7050240
12	$\mathcal{O}(2; \{2^7, 3, 4^3, 6, 12\})$	331776
12	$\mathcal{O}(2; \{2^3, 3^4, 4^3, 6, 12\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3, 4^5, 6, 12\})$	1327104
12	$\mathcal{O}(2; \{3^4, 4^5, 6, 12\})$	14598144
12	$\mathcal{O}(2; \{2, 3, 4^7, 6, 12\})$	5308416
12	$\mathcal{O}(2; \{2^7, 3^2, 4, 6^2, 12\})$	414720
12	$\mathcal{O}(2; \{2^3, 3^5, 4, 6^2, 12\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3^2, 4^3, 6^2, 12\})$	1658880
12	$\mathcal{O}(2; \{3^5, 4^3, 6^2, 12\})$	14266368
12	$\mathcal{O}(2; \{2, 3^2, 4^5, 6^2, 12\})$	6635520
12	$\mathcal{O}(2; \{2^8, 4, 6^3, 12\})$	248832
12	$\mathcal{O}(2; \{2^4, 3^3, 4, 6^3, 12\})$	1741824
12	$\mathcal{O}(2; \{3^6, 4, 6^3, 12\})$	14183424
12	$\mathcal{O}(2; \{2^5, 4^3, 6^3, 12\})$	995328
12	$\mathcal{O}(2; \{2, 3^3, 4^3, 6^3, 12\})$	6967296
12	$\mathcal{O}(2; \{2^2, 4^5, 6^3, 12\})$	3981312
12	$\mathcal{O}(2; \{2^5, 3, 4, 6^4, 12\})$	912384
12	$\mathcal{O}(2; \{2, 3^4, 4, 6^4, 12\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3, 4^3, 6^4, 12\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^2, 4, 6^5, 12\})$	3566592
12	$\mathcal{O}(2; \{2^3, 4, 6^6, 12\})$	1741824
12	$\mathcal{O}(2; \{4^3, 6^6, 12\})$	6967296
12	$\mathcal{O}(2; \{3, 4, 6^7, 12\})$	7050240
12	$\mathcal{O}(2; \{2^{10}, 3^2, 12^2\})$	248832
12	$\mathcal{O}(2; \{2^6, 3^5, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^8, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^7, 3^2, 4^2, 12^2\})$	995328
12	$\mathcal{O}(2; \{2^3, 3^5, 4^2, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^2, 4^4, 12^2\})$	3981312
12	$\mathcal{O}(2; \{3^5, 4^4, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2, 3^2, 4^6, 12^2\})$	15925248
12	$\mathcal{O}(2; \{2^{11}, 6, 12^2\})$	82944
12	$\mathcal{O}(2; \{2^7, 3^3, 6, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^3, 3^6, 6, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^8, 4^2, 6, 12^2\})$	331776
12	$\mathcal{O}(2; \{2^4, 3^3, 4^2, 6, 12^2\})$	3649536
12	$\mathcal{O}(2; \{3^6, 4^2, 6, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^5, 4^4, 6, 12^2\})$	1327104
12	$\mathcal{O}(2; \{2, 3^3, 4^4, 6, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2^2, 4^6, 6, 12^2\})$	5308416

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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	$\mathcal{O}(2; \{2^8, 3, 6^2, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^4, 3^4, 6^2, 12^2\})$	3566592
12	$\mathcal{O}(2; \{3^7, 6^2, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^5, 3, 4^2, 6^2, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2, 3^4, 4^2, 6^2, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3, 4^4, 6^2, 12^2\})$	6635520
12	$\mathcal{O}(2; \{2^5, 3^2, 6^3, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2, 3^5, 6^3, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3^2, 4^2, 6^3, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2^6, 6^4, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^2, 3^3, 6^4, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^3, 4^2, 6^4, 12^2\})$	3649536
12	$\mathcal{O}(2; \{4^4, 6^4, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3, 6^5, 12^2\})$	3566592
12	$\mathcal{O}(2; \{3, 4^2, 6^5, 12^2\})$	14266368
12	$\mathcal{O}(2; \{3^2, 6^6, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2, 6^7, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2^8, 3, 4, 12^3\})$	995328
12	$\mathcal{O}(2; \{2^4, 3^4, 4, 12^3\})$	6967296
12	$\mathcal{O}(2; \{3^7, 4, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^5, 3, 4^3, 12^3\})$	3981312
12	$\mathcal{O}(2; \{2, 3^4, 4^3, 12^3\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3, 4^5, 12^3\})$	15925248
12	$\mathcal{O}(2; \{2^5, 3^2, 4, 6, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2, 3^5, 4, 6, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^2, 4^3, 6, 12^3\})$	14598144
12	$\mathcal{O}(2; \{2^6, 4, 6^2, 12^3\})$	1658880
12	$\mathcal{O}(2; \{2^2, 3^3, 4, 6^2, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^3, 4^3, 6^2, 12^3\})$	6635520
12	$\mathcal{O}(2; \{4^5, 6^2, 12^3\})$	26542080
12	$\mathcal{O}(2; \{2^3, 3, 4, 6^3, 12^3\})$	6967296
12	$\mathcal{O}(2; \{3, 4^3, 6^3, 12^3\})$	27869184
12	$\mathcal{O}(2; \{3^2, 4, 6^4, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2, 4, 6^5, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2^9, 12^4\})$	995328
12	$\mathcal{O}(2; \{2^5, 3^3, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2, 3^6, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^6, 4^2, 12^4\})$	3981312
12	$\mathcal{O}(2; \{2^2, 3^3, 4^2, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2^3, 4^4, 12^4\})$	15925248
12	$\mathcal{O}(2; \{4^6, 12^4\})$	63700992
12	$\mathcal{O}(2; \{2^6, 3, 6, 12^4\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^4, 6, 12^4\})$	28200960

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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	$\mathcal{O}(2; \{2^3, 3, 4^2, 6, 12^4\})$	14598144
12	$\mathcal{O}(2; \{3, 4^4, 6, 12^4\})$	58392576
12	$\mathcal{O}(2; \{2^3, 3^2, 6^2, 12^4\})$	14266368
12	$\mathcal{O}(2; \{3^2, 4^2, 6^2, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2^4, 6^3, 12^4\})$	6967296
12	$\mathcal{O}(2; \{3^3, 6^3, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2, 4^2, 6^3, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2, 3, 6^4, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^3, 3^2, 4, 12^5\})$	27869184
12	$\mathcal{O}(2; \{3^2, 4^3, 12^5\})$	111476736
12	$\mathcal{O}(2; \{2^4, 4, 6, 12^5\})$	14598144
12	$\mathcal{O}(2; \{3^3, 4, 6, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2, 4^3, 6, 12^5\})$	58392576
12	$\mathcal{O}(2; \{2, 3, 4, 6^2, 12^5\})$	57065472
12	$\mathcal{O}(2; \{2^4, 3, 12^6\})$	27869184
12	$\mathcal{O}(2; \{3^4, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2, 3, 4^2, 12^6\})$	111476736
12	$\mathcal{O}(2; \{2, 3^2, 6, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2^2, 6^2, 12^6\})$	57065472
12	$\mathcal{O}(2; \{2^2, 4, 12^7\})$	111476736
12	$\mathcal{O}(2; \{6, 12^8\})$	451215360
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4^2\})$	1728
12	$\mathcal{O}(1; \{2^8, 3^7, 4^2\})$	12096
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4^2\})$	98496
12	$\mathcal{O}(1; \{3^{13}, 4^2\})$	786240
12	$\mathcal{O}(1; \{2^9, 3^4, 4^4\})$	6912
12	$\mathcal{O}(1; \{2^5, 3^7, 4^4\})$	48384
12	$\mathcal{O}(1; \{2, 3^{10}, 4^4\})$	393984
12	$\mathcal{O}(1; \{2^6, 3^4, 4^6\})$	27648
12	$\mathcal{O}(1; \{2^2, 3^7, 4^6\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^4, 4^8\})$	110592
12	$\mathcal{O}(1; \{3^4, 4^{10}\})$	442368
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^2, 6\})$	576
12	$\mathcal{O}(1; \{2^9, 3^5, 4^2, 6\})$	6336
12	$\mathcal{O}(1; \{2^5, 3^8, 4^2, 6\})$	48960
12	$\mathcal{O}(1; \{2, 3^{11}, 4^2, 6\})$	393408
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^4, 6\})$	2304
12	$\mathcal{O}(1; \{2^6, 3^5, 4^4, 6\})$	25344
12	$\mathcal{O}(1; \{2^2, 3^8, 4^4, 6\})$	195840
12	$\mathcal{O}(1; \{2^7, 3^2, 4^6, 6\})$	9216
12	$\mathcal{O}(1; \{2^3, 3^5, 4^6, 6\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^2, 4^8, 6\})$	36864
12	$\mathcal{O}(1; \{3^5, 4^8, 6\})$	405504

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^2, 4^{10}, 6\})$	147456
12	$\mathcal{O}(1; \{2^{14}, 4^2, 6^2\})$	576
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^2, 6^2\})$	2880
12	$\mathcal{O}(1; \{2^6, 3^6, 4^2, 6^2\})$	24768
12	$\mathcal{O}(1; \{2^2, 3^9, 4^2, 6^2\})$	196416
12	$\mathcal{O}(1; \{2^{11}, 4^4, 6^2\})$	2304
12	$\mathcal{O}(1; \{2^7, 3^3, 4^4, 6^2\})$	11520
12	$\mathcal{O}(1; \{2^3, 3^6, 4^4, 6^2\})$	99072
12	$\mathcal{O}(1; \{2^8, 4^6, 6^2\})$	9216
12	$\mathcal{O}(1; \{2^4, 3^3, 4^6, 6^2\})$	46080
12	$\mathcal{O}(1; \{3^6, 4^6, 6^2\})$	396288
12	$\mathcal{O}(1; \{2^5, 4^8, 6^2\})$	36864
12	$\mathcal{O}(1; \{2, 3^3, 4^8, 6^2\})$	184320
12	$\mathcal{O}(1; \{2^2, 4^{10}, 6^2\})$	147456
12	$\mathcal{O}(1; \{2^{11}, 3, 4^2, 6^3\})$	1728
12	$\mathcal{O}(1; \{2^7, 3^4, 4^2, 6^3\})$	12096
12	$\mathcal{O}(1; \{2^3, 3^7, 4^2, 6^3\})$	98496
12	$\mathcal{O}(1; \{2^8, 3, 4^4, 6^3\})$	6912
12	$\mathcal{O}(1; \{2^4, 3^4, 4^4, 6^3\})$	48384
12	$\mathcal{O}(1; \{3^7, 4^4, 6^3\})$	393984
12	$\mathcal{O}(1; \{2^5, 3, 4^6, 6^3\})$	27648
12	$\mathcal{O}(1; \{2, 3^4, 4^6, 6^3\})$	193536
12	$\mathcal{O}(1; \{2^2, 3, 4^8, 6^3\})$	110592
12	$\mathcal{O}(1; \{2^8, 3^2, 4^2, 6^4\})$	6336
12	$\mathcal{O}(1; \{2^4, 3^5, 4^2, 6^4\})$	48960
12	$\mathcal{O}(1; \{3^8, 4^2, 6^4\})$	393408
12	$\mathcal{O}(1; \{2^5, 3^2, 4^4, 6^4\})$	25344
12	$\mathcal{O}(1; \{2, 3^5, 4^4, 6^4\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^2, 4^6, 6^4\})$	101376
12	$\mathcal{O}(1; \{2^9, 4^2, 6^5\})$	2880
12	$\mathcal{O}(1; \{2^5, 3^3, 4^2, 6^5\})$	24768
12	$\mathcal{O}(1; \{2, 3^6, 4^2, 6^5\})$	196416
12	$\mathcal{O}(1; \{2^6, 4^4, 6^5\})$	11520
12	$\mathcal{O}(1; \{2^2, 3^3, 4^4, 6^5\})$	99072
12	$\mathcal{O}(1; \{2^3, 4^6, 6^5\})$	46080
12	$\mathcal{O}(1; \{4^8, 6^5\})$	184320
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 6^6\})$	12096
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 6^6\})$	98496
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 6^6\})$	48384
12	$\mathcal{O}(1; \{3, 4^6, 6^6\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6^7\})$	48960
12	$\mathcal{O}(1; \{3^2, 4^4, 6^7\})$	195840
12	$\mathcal{O}(1; \{2^4, 4^2, 6^8\})$	24768

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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	$\mathcal{O}(1; \{3^3, 4^2, 6^8\})$	196416
12	$\mathcal{O}(1; \{2, 4^4, 6^8\})$	99072
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^9\})$	98496
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4, 12\})$	1728
12	$\mathcal{O}(1; \{2^9, 3^6, 4, 12\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^9, 4, 12\})$	98496
12	$\mathcal{O}(1; \{2, 3^{12}, 4, 12\})$	786240
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^3, 12\})$	6912
12	$\mathcal{O}(1; \{2^6, 3^6, 4^3, 12\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^9, 4^3, 12\})$	393984
12	$\mathcal{O}(1; \{2^7, 3^3, 4^5, 12\})$	27648
12	$\mathcal{O}(1; \{2^3, 3^6, 4^5, 12\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^3, 4^7, 12\})$	110592
12	$\mathcal{O}(1; \{3^6, 4^7, 12\})$	774144
12	$\mathcal{O}(1; \{2, 3^3, 4^9, 12\})$	442368
12	$\mathcal{O}(1; \{2^{14}, 3, 4, 6, 12\})$	576
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4, 6, 12\})$	6336
12	$\mathcal{O}(1; \{2^6, 3^7, 4, 6, 12\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4, 6, 12\})$	393408
12	$\mathcal{O}(1; \{2^{11}, 3, 4^3, 6, 12\})$	2304
12	$\mathcal{O}(1; \{2^7, 3^4, 4^3, 6, 12\})$	25344
12	$\mathcal{O}(1; \{2^3, 3^7, 4^3, 6, 12\})$	195840
12	$\mathcal{O}(1; \{2^8, 3, 4^5, 6, 12\})$	9216
12	$\mathcal{O}(1; \{2^4, 3^4, 4^5, 6, 12\})$	101376
12	$\mathcal{O}(1; \{3^7, 4^5, 6, 12\})$	783360
12	$\mathcal{O}(1; \{2^5, 3, 4^7, 6, 12\})$	36864
12	$\mathcal{O}(1; \{2, 3^4, 4^7, 6, 12\})$	405504
12	$\mathcal{O}(1; \{2^2, 3, 4^9, 6, 12\})$	147456
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4, 6^2, 12\})$	2880
12	$\mathcal{O}(1; \{2^7, 3^5, 4, 6^2, 12\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^8, 4, 6^2, 12\})$	196416
12	$\mathcal{O}(1; \{2^8, 3^2, 4^3, 6^2, 12\})$	11520
12	$\mathcal{O}(1; \{2^4, 3^5, 4^3, 6^2, 12\})$	99072
12	$\mathcal{O}(1; \{3^8, 4^3, 6^2, 12\})$	785664
12	$\mathcal{O}(1; \{2^5, 3^2, 4^5, 6^2, 12\})$	46080
12	$\mathcal{O}(1; \{2, 3^5, 4^5, 6^2, 12\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^2, 4^7, 6^2, 12\})$	184320
12	$\mathcal{O}(1; \{2^{12}, 4, 6^3, 12\})$	1728
12	$\mathcal{O}(1; \{2^8, 3^3, 4, 6^3, 12\})$	12096
12	$\mathcal{O}(1; \{2^4, 3^6, 4, 6^3, 12\})$	98496
12	$\mathcal{O}(1; \{3^9, 4, 6^3, 12\})$	786240
12	$\mathcal{O}(1; \{2^9, 4^3, 6^3, 12\})$	6912
12	$\mathcal{O}(1; \{2^5, 3^3, 4^3, 6^3, 12\})$	48384

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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	$\mathcal{O}(1; \{2, 3^6, 4^3, 6^3, 12\})$	393984
12	$\mathcal{O}(1; \{2^6, 4^5, 6^3, 12\})$	27648
12	$\mathcal{O}(1; \{2^2, 3^3, 4^5, 6^3, 12\})$	193536
12	$\mathcal{O}(1; \{2^3, 4^7, 6^3, 12\})$	110592
12	$\mathcal{O}(1; \{4^9, 6^3, 12\})$	442368
12	$\mathcal{O}(1; \{2^9, 3, 4, 6^4, 12\})$	6336
12	$\mathcal{O}(1; \{2^5, 3^4, 4, 6^4, 12\})$	48960
12	$\mathcal{O}(1; \{2, 3^7, 4, 6^4, 12\})$	393408
12	$\mathcal{O}(1; \{2^6, 3, 4^3, 6^4, 12\})$	25344
12	$\mathcal{O}(1; \{2^2, 3^4, 4^3, 6^4, 12\})$	195840
12	$\mathcal{O}(1; \{2^3, 3, 4^5, 6^4, 12\})$	101376
12	$\mathcal{O}(1; \{3, 4^7, 6^4, 12\})$	405504
12	$\mathcal{O}(1; \{2^6, 3^2, 4, 6^5, 12\})$	24768
12	$\mathcal{O}(1; \{2^2, 3^5, 4, 6^5, 12\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^2, 4^3, 6^5, 12\})$	99072
12	$\mathcal{O}(1; \{3^2, 4^5, 6^5, 12\})$	396288
12	$\mathcal{O}(1; \{2^7, 4, 6^6, 12\})$	12096
12	$\mathcal{O}(1; \{2^3, 3^3, 4, 6^6, 12\})$	98496
12	$\mathcal{O}(1; \{2^4, 4^3, 6^6, 12\})$	48384
12	$\mathcal{O}(1; \{3^3, 4^3, 6^6, 12\})$	393984
12	$\mathcal{O}(1; \{2, 4^5, 6^6, 12\})$	193536
12	$\mathcal{O}(1; \{2^4, 3, 4, 6^7, 12\})$	48960
12	$\mathcal{O}(1; \{3^4, 4, 6^7, 12\})$	393408
12	$\mathcal{O}(1; \{2, 3, 4^3, 6^7, 12\})$	195840
12	$\mathcal{O}(1; \{2, 3^2, 4, 6^8, 12\})$	196416
12	$\mathcal{O}(1; \{2^2, 4, 6^9, 12\})$	98496
12	$\mathcal{O}(1; \{2^{14}, 3^2, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{10}, 3^5, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^8, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^{11}, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^2, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^7, 3^5, 4^2, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^8, 4^2, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^8, 3^2, 4^4, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^4, 3^5, 4^4, 12^2\})$	193536
12	$\mathcal{O}(1; \{3^8, 4^4, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3^2, 4^6, 12^2\})$	110592
12	$\mathcal{O}(1; \{2, 3^5, 4^6, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^2, 4^8, 12^2\})$	442368
12	$\mathcal{O}(1; \{2^{15}, 6, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{11}, 3^3, 6, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^7, 3^6, 6, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^9, 6, 12^2\})$	393408

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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	$\mathcal{O}(1; \{2^{12}, 4^2, 6, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^8, 3^3, 4^2, 6, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^6, 4^2, 6, 12^2\})$	195840
12	$\mathcal{O}(1; \{3^9, 4^2, 6, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^9, 4^4, 6, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^5, 3^3, 4^4, 6, 12^2\})$	101376
12	$\mathcal{O}(1; \{2, 3^6, 4^4, 6, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^6, 4^6, 6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^2, 3^3, 4^6, 6, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^3, 4^8, 6, 12^2\})$	147456
12	$\mathcal{O}(1; \{4^{10}, 6, 12^2\})$	589824
12	$\mathcal{O}(1; \{2^{12}, 3, 6^2, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^8, 3^4, 6^2, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^7, 6^2, 12^2\})$	196416
12	$\mathcal{O}(1; \{3^{10}, 6^2, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^9, 3, 4^2, 6^2, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^5, 3^4, 4^2, 6^2, 12^2\})$	99072
12	$\mathcal{O}(1; \{2, 3^7, 4^2, 6^2, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^6, 3, 4^4, 6^2, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^2, 3^4, 4^4, 6^2, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^3, 3, 4^6, 6^2, 12^2\})$	184320
12	$\mathcal{O}(1; \{3, 4^8, 6^2, 12^2\})$	737280
12	$\mathcal{O}(1; \{2^9, 3^2, 6^3, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^5, 6^3, 12^2\})$	98496
12	$\mathcal{O}(1; \{2, 3^8, 6^3, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^6, 3^2, 4^2, 6^3, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^5, 4^2, 6^3, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^2, 4^4, 6^3, 12^2\})$	193536
12	$\mathcal{O}(1; \{3^2, 4^6, 6^3, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^{10}, 6^4, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^6, 3^3, 6^4, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^6, 6^4, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^7, 4^2, 6^4, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 6^4, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^4, 4^4, 6^4, 12^2\})$	101376
12	$\mathcal{O}(1; \{3^3, 4^4, 6^4, 12^2\})$	783360
12	$\mathcal{O}(1; \{2, 4^6, 6^4, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^7, 3, 6^5, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^4, 6^5, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 6^5, 12^2\})$	99072
12	$\mathcal{O}(1; \{3^4, 4^2, 6^5, 12^2\})$	785664
12	$\mathcal{O}(1; \{2, 3, 4^4, 6^5, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^2, 6^6, 12^2\})$	98496

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^5, 6^6, 12^2\})$	786240
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^6, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^5, 6^7, 12^2\})$	48960
12	$\mathcal{O}(1; \{2, 3^3, 6^7, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^2, 4^2, 6^7, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^2, 3, 6^8, 12^2\})$	196416
12	$\mathcal{O}(1; \{6^{10}, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^{12}, 3, 4, 12^3\})$	6912
12	$\mathcal{O}(1; \{2^8, 3^4, 4, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^7, 4, 12^3\})$	393984
12	$\mathcal{O}(1; \{3^{10}, 4, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^9, 3, 4^3, 12^3\})$	27648
12	$\mathcal{O}(1; \{2^5, 3^4, 4^3, 12^3\})$	193536
12	$\mathcal{O}(1; \{2, 3^7, 4^3, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^6, 3, 4^5, 12^3\})$	110592
12	$\mathcal{O}(1; \{2^2, 3^4, 4^5, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^3, 3, 4^7, 12^3\})$	442368
12	$\mathcal{O}(1; \{3, 4^9, 12^3\})$	1769472
12	$\mathcal{O}(1; \{2^9, 3^2, 4, 6, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^5, 4, 6, 12^3\})$	195840
12	$\mathcal{O}(1; \{2, 3^8, 4, 6, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^6, 3^2, 4^3, 6, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^5, 4^3, 6, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^2, 4^5, 6, 12^3\})$	405504
12	$\mathcal{O}(1; \{3^2, 4^7, 6, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2^{10}, 4, 6^2, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^6, 3^3, 4, 6^2, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^6, 4, 6^2, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^7, 4^3, 6^2, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^3, 3^3, 4^3, 6^2, 12^3\})$	396288
12	$\mathcal{O}(1; \{2^4, 4^5, 6^2, 12^3\})$	184320
12	$\mathcal{O}(1; \{3^3, 4^5, 6^2, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2, 4^7, 6^2, 12^3\})$	737280
12	$\mathcal{O}(1; \{2^7, 3, 4, 6^3, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^4, 4, 6^3, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^4, 3, 4^3, 6^3, 12^3\})$	193536
12	$\mathcal{O}(1; \{3^4, 4^3, 6^3, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2, 3, 4^5, 6^3, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 6^4, 12^3\})$	195840
12	$\mathcal{O}(1; \{3^5, 4, 6^4, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2, 3^2, 4^3, 6^4, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^5, 4, 6^5, 12^3\})$	99072
12	$\mathcal{O}(1; \{2, 3^3, 4, 6^5, 12^3\})$	785664

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

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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	$\mathcal{O}(1; \{2^4, 3^2, 4^3, 12^5\})$	774144
12	$\mathcal{O}(1; \{3^5, 4^3, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2, 3^2, 4^5, 12^5\})$	3096576
12	$\mathcal{O}(1; \{2^8, 4, 6, 12^5\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^3, 4, 6, 12^5\})$	783360
12	$\mathcal{O}(1; \{3^6, 4, 6, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^5, 4^3, 6, 12^5\})$	405504
12	$\mathcal{O}(1; \{2, 3^3, 4^3, 6, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2^2, 4^5, 6, 12^5\})$	1622016
12	$\mathcal{O}(1; \{2^5, 3, 4, 6^2, 12^5\})$	396288
12	$\mathcal{O}(1; \{2, 3^4, 4, 6^2, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 6^2, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^3, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^3, 4, 6^4, 12^5\})$	783360
12	$\mathcal{O}(1; \{4^3, 6^4, 12^5\})$	3133440
12	$\mathcal{O}(1; \{3, 4, 6^5, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^8, 3, 12^6\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^4, 12^6\})$	1575936
12	$\mathcal{O}(1; \{3^7, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 12^6\})$	774144
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 12^6\})$	3096576
12	$\mathcal{O}(1; \{2^5, 3^2, 6, 12^6\})$	783360
12	$\mathcal{O}(1; \{2, 3^5, 6, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2^6, 6^2, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^3, 6^2, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^3, 4^2, 6^2, 12^6\})$	1585152
12	$\mathcal{O}(1; \{4^4, 6^2, 12^6\})$	6340608
12	$\mathcal{O}(1; \{2^3, 3, 6^3, 12^6\})$	1575936
12	$\mathcal{O}(1; \{3, 4^2, 6^3, 12^6\})$	6303744
12	$\mathcal{O}(1; \{3^2, 6^4, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2, 6^5, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^6, 4, 12^7\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2^3, 4^3, 12^7\})$	3096576
12	$\mathcal{O}(1; \{4^5, 12^7\})$	12386304
12	$\mathcal{O}(1; \{2^3, 3, 4, 6, 12^7\})$	3133440
12	$\mathcal{O}(1; \{3, 4^3, 6, 12^7\})$	12533760
12	$\mathcal{O}(1; \{3^2, 4, 6^2, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2, 4, 6^3, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3^2, 12^8\})$	6303744
12	$\mathcal{O}(1; \{3^2, 4^2, 12^8\})$	25214976

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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	$\mathcal{O}(1; \{2^4, 6, 12^8\})$	3133440
12	$\mathcal{O}(1; \{3^3, 6, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2, 4^2, 6, 12^8\})$	12533760
12	$\mathcal{O}(1; \{2, 3, 6^2, 12^8\})$	12570624
12	$\mathcal{O}(1; \{2, 3, 4, 12^9\})$	25214976
12	$\mathcal{O}(1; \{2^2, 12^{10}\})$	25214976
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4^2\})$	12
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4^2\})$	84
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4^2\})$	684
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4^2\})$	5460
12	$\mathcal{O}(0; \{3^{16}, 4^2\})$	43692
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^4\})$	48
12	$\mathcal{O}(0; \{2^9, 3^7, 4^4\})$	336
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^4\})$	2736
12	$\mathcal{O}(0; \{2, 3^{13}, 4^4\})$	21840
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^6\})$	192
12	$\mathcal{O}(0; \{2^6, 3^7, 4^6\})$	1344
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^6\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^4, 4^8\})$	768
12	$\mathcal{O}(0; \{2^3, 3^7, 4^8\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^4, 4^{10}\})$	3072
12	$\mathcal{O}(0; \{3^7, 4^{10}\})$	21504
12	$\mathcal{O}(0; \{2, 3^4, 4^{12}\})$	12288
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^2, 6\})$	4
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^2, 6\})$	44
12	$\mathcal{O}(0; \{2^9, 3^8, 4^2, 6\})$	340
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^2, 6\})$	2732
12	$\mathcal{O}(0; \{2, 3^{14}, 4^2, 6\})$	21844
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^4, 6\})$	16
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^4, 6\})$	176
12	$\mathcal{O}(0; \{2^6, 3^8, 4^4, 6\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^4, 6\})$	10928
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^6, 6\})$	64
12	$\mathcal{O}(0; \{2^7, 3^5, 4^6, 6\})$	704
12	$\mathcal{O}(0; \{2^3, 3^8, 4^6, 6\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^2, 4^8, 6\})$	256
12	$\mathcal{O}(0; \{2^4, 3^5, 4^8, 6\})$	2816
12	$\mathcal{O}(0; \{3^8, 4^8, 6\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{10}, 6\})$	1024
12	$\mathcal{O}(0; \{2, 3^5, 4^{10}, 6\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{12}, 6\})$	4096
12	$\mathcal{O}(0; \{2^{18}, 4^2, 6^2\})$	4
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^2, 6^2\})$	20

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^2, 6^2\})$	172
12	$\mathcal{O}(0; \{2^6, 3^9, 4^2, 6^2\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^2, 6^2\})$	10924
12	$\mathcal{O}(0; \{2^{15}, 4^4, 6^2\})$	16
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^4, 6^2\})$	80
12	$\mathcal{O}(0; \{2^7, 3^6, 4^4, 6^2\})$	688
12	$\mathcal{O}(0; \{2^3, 3^9, 4^4, 6^2\})$	5456
12	$\mathcal{O}(0; \{2^{12}, 4^6, 6^2\})$	64
12	$\mathcal{O}(0; \{2^8, 3^3, 4^6, 6^2\})$	320
12	$\mathcal{O}(0; \{2^4, 3^6, 4^6, 6^2\})$	2752
12	$\mathcal{O}(0; \{3^9, 4^6, 6^2\})$	21824
12	$\mathcal{O}(0; \{2^9, 4^8, 6^2\})$	256
12	$\mathcal{O}(0; \{2^5, 3^3, 4^8, 6^2\})$	1280
12	$\mathcal{O}(0; \{2, 3^6, 4^8, 6^2\})$	11008
12	$\mathcal{O}(0; \{2^6, 4^{10}, 6^2\})$	1024
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{10}, 6^2\})$	5120
12	$\mathcal{O}(0; \{2^3, 4^{12}, 6^2\})$	4096
12	$\mathcal{O}(0; \{4^{14}, 6^2\})$	16384
12	$\mathcal{O}(0; \{2^{15}, 3, 4^2, 6^3\})$	12
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^2, 6^3\})$	84
12	$\mathcal{O}(0; \{2^7, 3^7, 4^2, 6^3\})$	684
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^2, 6^3\})$	5460
12	$\mathcal{O}(0; \{2^{12}, 3, 4^4, 6^3\})$	48
12	$\mathcal{O}(0; \{2^8, 3^4, 4^4, 6^3\})$	336
12	$\mathcal{O}(0; \{2^4, 3^7, 4^4, 6^3\})$	2736
12	$\mathcal{O}(0; \{3^{10}, 4^4, 6^3\})$	21840
12	$\mathcal{O}(0; \{2^9, 3, 4^6, 6^3\})$	192
12	$\mathcal{O}(0; \{2^5, 3^4, 4^6, 6^3\})$	1344
12	$\mathcal{O}(0; \{2, 3^7, 4^6, 6^3\})$	10944
12	$\mathcal{O}(0; \{2^6, 3, 4^8, 6^3\})$	768
12	$\mathcal{O}(0; \{2^2, 3^4, 4^8, 6^3\})$	5376
12	$\mathcal{O}(0; \{2^3, 3, 4^{10}, 6^3\})$	3072
12	$\mathcal{O}(0; \{3, 4^{12}, 6^3\})$	12288
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^2, 6^4\})$	44
12	$\mathcal{O}(0; \{2^8, 3^5, 4^2, 6^4\})$	340
12	$\mathcal{O}(0; \{2^4, 3^8, 4^2, 6^4\})$	2732
12	$\mathcal{O}(0; \{3^{11}, 4^2, 6^4\})$	21844
12	$\mathcal{O}(0; \{2^9, 3^2, 4^4, 6^4\})$	176
12	$\mathcal{O}(0; \{2^5, 3^5, 4^4, 6^4\})$	1360
12	$\mathcal{O}(0; \{2, 3^8, 4^4, 6^4\})$	10928
12	$\mathcal{O}(0; \{2^6, 3^2, 4^6, 6^4\})$	704
12	$\mathcal{O}(0; \{2^2, 3^5, 4^6, 6^4\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^2, 4^8, 6^4\})$	2816

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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	$\mathcal{O}(0; \{3^2, 4^{10}, 6^4\})$	11264
12	$\mathcal{O}(0; \{2^{13}, 4^2, 6^5\})$	20
12	$\mathcal{O}(0; \{2^9, 3^3, 4^2, 6^5\})$	172
12	$\mathcal{O}(0; \{2^5, 3^6, 4^2, 6^5\})$	1364
12	$\mathcal{O}(0; \{2, 3^9, 4^2, 6^5\})$	10924
12	$\mathcal{O}(0; \{2^{10}, 4^4, 6^5\})$	80
12	$\mathcal{O}(0; \{2^6, 3^3, 4^4, 6^5\})$	688
12	$\mathcal{O}(0; \{2^2, 3^6, 4^4, 6^5\})$	5456
12	$\mathcal{O}(0; \{2^7, 4^6, 6^5\})$	320
12	$\mathcal{O}(0; \{2^3, 3^3, 4^6, 6^5\})$	2752
12	$\mathcal{O}(0; \{2^4, 4^8, 6^5\})$	1280
12	$\mathcal{O}(0; \{3^3, 4^8, 6^5\})$	11008
12	$\mathcal{O}(0; \{2, 4^{10}, 6^5\})$	5120
12	$\mathcal{O}(0; \{2^{10}, 3, 4^2, 6^6\})$	84
12	$\mathcal{O}(0; \{2^6, 3^4, 4^2, 6^6\})$	684
12	$\mathcal{O}(0; \{2^2, 3^7, 4^2, 6^6\})$	5460
12	$\mathcal{O}(0; \{2^7, 3, 4^4, 6^6\})$	336
12	$\mathcal{O}(0; \{2^3, 3^4, 4^4, 6^6\})$	2736
12	$\mathcal{O}(0; \{2^4, 3, 4^6, 6^6\})$	1344
12	$\mathcal{O}(0; \{3^4, 4^6, 6^6\})$	10944
12	$\mathcal{O}(0; \{2, 3, 4^8, 6^6\})$	5376
12	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 6^7\})$	340
12	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 6^7\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 6^7\})$	1360
12	$\mathcal{O}(0; \{3^5, 4^4, 6^7\})$	10928
12	$\mathcal{O}(0; \{2, 3^2, 4^6, 6^7\})$	5440
12	$\mathcal{O}(0; \{2^8, 4^2, 6^8\})$	172
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6^8\})$	1364
12	$\mathcal{O}(0; \{3^6, 4^2, 6^8\})$	10924
12	$\mathcal{O}(0; \{2^5, 4^4, 6^8\})$	688
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 6^8\})$	5456
12	$\mathcal{O}(0; \{2^2, 4^6, 6^8\})$	2752
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^9\})$	684
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^9\})$	5460
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^9\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^{10}\})$	2732
12	$\mathcal{O}(0; \{2^3, 4^2, 6^{11}\})$	1364
12	$\mathcal{O}(0; \{4^4, 6^{11}\})$	5456
12	$\mathcal{O}(0; \{3, 4^2, 6^{12}\})$	5460
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4, 12\})$	12
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4, 12\})$	84
12	$\mathcal{O}(0; \{2^9, 3^9, 4, 12\})$	684
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4, 12\})$	5460

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^{15}, 4, 12\})$	43692
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^3, 12\})$	48
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^3, 12\})$	336
12	$\mathcal{O}(0; \{2^6, 3^9, 4^3, 12\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^3, 12\})$	21840
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^5, 12\})$	192
12	$\mathcal{O}(0; \{2^7, 3^6, 4^5, 12\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^9, 4^5, 12\})$	10944
12	$\mathcal{O}(0; \{2^8, 3^3, 4^7, 12\})$	768
12	$\mathcal{O}(0; \{2^4, 3^6, 4^7, 12\})$	5376
12	$\mathcal{O}(0; \{3^9, 4^7, 12\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^3, 4^9, 12\})$	3072
12	$\mathcal{O}(0; \{2, 3^6, 4^9, 12\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{11}, 12\})$	12288
12	$\mathcal{O}(0; \{2^{18}, 3, 4, 6, 12\})$	4
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4, 6, 12\})$	44
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4, 6, 12\})$	340
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4, 6, 12\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4, 6, 12\})$	21844
12	$\mathcal{O}(0; \{2^{15}, 3, 4^3, 6, 12\})$	16
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^3, 6, 12\})$	176
12	$\mathcal{O}(0; \{2^7, 3^7, 4^3, 6, 12\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^3, 6, 12\})$	10928
12	$\mathcal{O}(0; \{2^{12}, 3, 4^5, 6, 12\})$	64
12	$\mathcal{O}(0; \{2^8, 3^4, 4^5, 6, 12\})$	704
12	$\mathcal{O}(0; \{2^4, 3^7, 4^5, 6, 12\})$	5440
12	$\mathcal{O}(0; \{3^{10}, 4^5, 6, 12\})$	43712
12	$\mathcal{O}(0; \{2^9, 3, 4^7, 6, 12\})$	256
12	$\mathcal{O}(0; \{2^5, 3^4, 4^7, 6, 12\})$	2816
12	$\mathcal{O}(0; \{2, 3^7, 4^7, 6, 12\})$	21760
12	$\mathcal{O}(0; \{2^6, 3, 4^9, 6, 12\})$	1024
12	$\mathcal{O}(0; \{2^2, 3^4, 4^9, 6, 12\})$	11264
12	$\mathcal{O}(0; \{2^3, 3, 4^{11}, 6, 12\})$	4096
12	$\mathcal{O}(0; \{3, 4^{13}, 6, 12\})$	16384
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4, 6^2, 12\})$	20
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4, 6^2, 12\})$	172
12	$\mathcal{O}(0; \{2^7, 3^8, 4, 6^2, 12\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4, 6^2, 12\})$	10924
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^3, 6^2, 12\})$	80
12	$\mathcal{O}(0; \{2^8, 3^5, 4^3, 6^2, 12\})$	688
12	$\mathcal{O}(0; \{2^4, 3^8, 4^3, 6^2, 12\})$	5456
12	$\mathcal{O}(0; \{3^{11}, 4^3, 6^2, 12\})$	43696
12	$\mathcal{O}(0; \{2^9, 3^2, 4^5, 6^2, 12\})$	320

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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	$\mathcal{O}(0; \{2^5, 3^5, 4^5, 6^2, 12\})$	2752
12	$\mathcal{O}(0; \{2, 3^8, 4^5, 6^2, 12\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^2, 4^7, 6^2, 12\})$	1280
12	$\mathcal{O}(0; \{2^2, 3^5, 4^7, 6^2, 12\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^2, 4^9, 6^2, 12\})$	5120
12	$\mathcal{O}(0; \{3^2, 4^{11}, 6^2, 12\})$	20480
12	$\mathcal{O}(0; \{2^{16}, 4, 6^3, 12\})$	12
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4, 6^3, 12\})$	84
12	$\mathcal{O}(0; \{2^8, 3^6, 4, 6^3, 12\})$	684
12	$\mathcal{O}(0; \{2^4, 3^9, 4, 6^3, 12\})$	5460
12	$\mathcal{O}(0; \{3^{12}, 4, 6^3, 12\})$	43692
12	$\mathcal{O}(0; \{2^{13}, 4^3, 6^3, 12\})$	48
12	$\mathcal{O}(0; \{2^9, 3^3, 4^3, 6^3, 12\})$	336
12	$\mathcal{O}(0; \{2^5, 3^6, 4^3, 6^3, 12\})$	2736
12	$\mathcal{O}(0; \{2, 3^9, 4^3, 6^3, 12\})$	21840
12	$\mathcal{O}(0; \{2^{10}, 4^5, 6^3, 12\})$	192
12	$\mathcal{O}(0; \{2^6, 3^3, 4^5, 6^3, 12\})$	1344
12	$\mathcal{O}(0; \{2^2, 3^6, 4^5, 6^3, 12\})$	10944
12	$\mathcal{O}(0; \{2^7, 4^7, 6^3, 12\})$	768
12	$\mathcal{O}(0; \{2^3, 3^3, 4^7, 6^3, 12\})$	5376
12	$\mathcal{O}(0; \{2^4, 4^9, 6^3, 12\})$	3072
12	$\mathcal{O}(0; \{3^3, 4^9, 6^3, 12\})$	21504
12	$\mathcal{O}(0; \{2, 4^{11}, 6^3, 12\})$	12288
12	$\mathcal{O}(0; \{2^{13}, 3, 4, 6^4, 12\})$	44
12	$\mathcal{O}(0; \{2^9, 3^4, 4, 6^4, 12\})$	340
12	$\mathcal{O}(0; \{2^5, 3^7, 4, 6^4, 12\})$	2732
12	$\mathcal{O}(0; \{2, 3^{10}, 4, 6^4, 12\})$	21844
12	$\mathcal{O}(0; \{2^{10}, 3, 4^3, 6^4, 12\})$	176
12	$\mathcal{O}(0; \{2^6, 3^4, 4^3, 6^4, 12\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^7, 4^3, 6^4, 12\})$	10928
12	$\mathcal{O}(0; \{2^7, 3, 4^5, 6^4, 12\})$	704
12	$\mathcal{O}(0; \{2^3, 3^4, 4^5, 6^4, 12\})$	5440
12	$\mathcal{O}(0; \{2^4, 3, 4^7, 6^4, 12\})$	2816
12	$\mathcal{O}(0; \{3^4, 4^7, 6^4, 12\})$	21760
12	$\mathcal{O}(0; \{2, 3, 4^9, 6^4, 12\})$	11264
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4, 6^5, 12\})$	172
12	$\mathcal{O}(0; \{2^6, 3^5, 4, 6^5, 12\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^8, 4, 6^5, 12\})$	10924
12	$\mathcal{O}(0; \{2^7, 3^2, 4^3, 6^5, 12\})$	688
12	$\mathcal{O}(0; \{2^3, 3^5, 4^3, 6^5, 12\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^2, 4^5, 6^5, 12\})$	2752
12	$\mathcal{O}(0; \{3^5, 4^5, 6^5, 12\})$	21824
12	$\mathcal{O}(0; \{2, 3^2, 4^7, 6^5, 12\})$	11008

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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	$\mathcal{O}(0; \{2^{11}, 4, 6^6, 12\})$	84
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 6^6, 12\})$	684
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 6^6, 12\})$	5460
12	$\mathcal{O}(0; \{2^8, 4^3, 6^6, 12\})$	336
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 6^6, 12\})$	2736
12	$\mathcal{O}(0; \{3^6, 4^3, 6^6, 12\})$	21840
12	$\mathcal{O}(0; \{2^5, 4^5, 6^6, 12\})$	1344
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 6^6, 12\})$	10944
12	$\mathcal{O}(0; \{2^2, 4^7, 6^6, 12\})$	5376
12	$\mathcal{O}(0; \{2^8, 3, 4, 6^7, 12\})$	340
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6^7, 12\})$	2732
12	$\mathcal{O}(0; \{3^7, 4, 6^7, 12\})$	21844
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 6^7, 12\})$	1360
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6^7, 12\})$	10928
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6^7, 12\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^8, 12\})$	1364
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^8, 12\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^8, 12\})$	5456
12	$\mathcal{O}(0; \{2^6, 4, 6^9, 12\})$	684
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^9, 12\})$	5460
12	$\mathcal{O}(0; \{2^3, 4^3, 6^9, 12\})$	2736
12	$\mathcal{O}(0; \{4^5, 6^9, 12\})$	10944
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^{10}, 12\})$	2732
12	$\mathcal{O}(0; \{3, 4^3, 6^{10}, 12\})$	10928
12	$\mathcal{O}(0; \{3^2, 4, 6^{11}, 12\})$	10924
12	$\mathcal{O}(0; \{2, 4, 6^{12}, 12\})$	5460
12	$\mathcal{O}(0; \{2^{18}, 3^2, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{14}, 3^5, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^8, 12^2\})$	684
12	$\mathcal{O}(0; \{2^6, 3^{11}, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{14}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^2, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^2, 12^2\})$	336
12	$\mathcal{O}(0; \{2^7, 3^8, 4^2, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^2, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^4, 12^2\})$	192
12	$\mathcal{O}(0; \{2^8, 3^5, 4^4, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^8, 4^4, 12^2\})$	10944
12	$\mathcal{O}(0; \{3^{11}, 4^4, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^9, 3^2, 4^6, 12^2\})$	768
12	$\mathcal{O}(0; \{2^5, 3^5, 4^6, 12^2\})$	5376
12	$\mathcal{O}(0; \{2, 3^8, 4^6, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^2, 4^8, 12^2\})$	3072

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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	$\mathcal{O}(0; \{2^2, 3^5, 4^8, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{10}, 12^2\})$	12288
12	$\mathcal{O}(0; \{3^2, 4^{12}, 12^2\})$	49152
12	$\mathcal{O}(0; \{2^{19}, 6, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{15}, 3^3, 6, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^6, 6, 12^2\})$	340
12	$\mathcal{O}(0; \{2^7, 3^9, 6, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^{12}, 6, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^{16}, 4^2, 6, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^2, 6, 12^2\})$	176
12	$\mathcal{O}(0; \{2^8, 3^6, 4^2, 6, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^9, 4^2, 6, 12^2\})$	10928
12	$\mathcal{O}(0; \{3^{12}, 4^2, 6, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^{13}, 4^4, 6, 12^2\})$	64
12	$\mathcal{O}(0; \{2^9, 3^3, 4^4, 6, 12^2\})$	704
12	$\mathcal{O}(0; \{2^5, 3^6, 4^4, 6, 12^2\})$	5440
12	$\mathcal{O}(0; \{2, 3^9, 4^4, 6, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^{10}, 4^6, 6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^6, 3^3, 4^6, 6, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^6, 4^6, 6, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^7, 4^8, 6, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^3, 3^3, 4^8, 6, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^4, 4^{10}, 6, 12^2\})$	4096
12	$\mathcal{O}(0; \{3^3, 4^{10}, 6, 12^2\})$	45056
12	$\mathcal{O}(0; \{2, 4^{12}, 6, 12^2\})$	16384
12	$\mathcal{O}(0; \{2^{16}, 3, 6^2, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{12}, 3^4, 6^2, 12^2\})$	172
12	$\mathcal{O}(0; \{2^8, 3^7, 6^2, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^{10}, 6^2, 12^2\})$	10924
12	$\mathcal{O}(0; \{3^{13}, 6^2, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{13}, 3, 4^2, 6^2, 12^2\})$	80
12	$\mathcal{O}(0; \{2^9, 3^4, 4^2, 6^2, 12^2\})$	688
12	$\mathcal{O}(0; \{2^5, 3^7, 4^2, 6^2, 12^2\})$	5456
12	$\mathcal{O}(0; \{2, 3^{10}, 4^2, 6^2, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^{10}, 3, 4^4, 6^2, 12^2\})$	320
12	$\mathcal{O}(0; \{2^6, 3^4, 4^4, 6^2, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^7, 4^4, 6^2, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^7, 3, 4^6, 6^2, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^3, 3^4, 4^6, 6^2, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^4, 3, 4^8, 6^2, 12^2\})$	5120
12	$\mathcal{O}(0; \{3^4, 4^8, 6^2, 12^2\})$	44032
12	$\mathcal{O}(0; \{2, 3, 4^{10}, 6^2, 12^2\})$	20480
12	$\mathcal{O}(0; \{2^{13}, 3^2, 6^3, 12^2\})$	84

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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	$\mathcal{O}(0; \{2^9, 3^5, 6^3, 12^2\})$	684
12	$\mathcal{O}(0; \{2^5, 3^8, 6^3, 12^2\})$	5460
12	$\mathcal{O}(0; \{2, 3^{11}, 6^3, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^2, 6^3, 12^2\})$	336
12	$\mathcal{O}(0; \{2^6, 3^5, 4^2, 6^3, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^8, 4^2, 6^3, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^7, 3^2, 4^4, 6^3, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^5, 4^4, 6^3, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^2, 4^6, 6^3, 12^2\})$	5376
12	$\mathcal{O}(0; \{3^5, 4^6, 6^3, 12^2\})$	43776
12	$\mathcal{O}(0; \{2, 3^2, 4^8, 6^3, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^{14}, 6^4, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{10}, 3^3, 6^4, 12^2\})$	340
12	$\mathcal{O}(0; \{2^6, 3^6, 6^4, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^9, 6^4, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^{11}, 4^2, 6^4, 12^2\})$	176
12	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 6^4, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 6^4, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^8, 4^4, 6^4, 12^2\})$	704
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 6^4, 12^2\})$	5440
12	$\mathcal{O}(0; \{3^6, 4^4, 6^4, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^5, 4^6, 6^4, 12^2\})$	2816
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 6^4, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^2, 4^8, 6^4, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^{11}, 3, 6^5, 12^2\})$	172
12	$\mathcal{O}(0; \{2^7, 3^4, 6^5, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^7, 6^5, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6^5, 12^2\})$	688
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6^5, 12^2\})$	5456
12	$\mathcal{O}(0; \{3^7, 4^2, 6^5, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6^5, 12^2\})$	2752
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6^5, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 6^5, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^8, 3^2, 6^6, 12^2\})$	684
12	$\mathcal{O}(0; \{2^4, 3^5, 6^6, 12^2\})$	5460
12	$\mathcal{O}(0; \{3^8, 6^6, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^6, 12^2\})$	2736
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^6, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^6, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^9, 6^7, 12^2\})$	340
12	$\mathcal{O}(0; \{2^5, 3^3, 6^7, 12^2\})$	2732
12	$\mathcal{O}(0; \{2, 3^6, 6^7, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^6, 4^2, 6^7, 12^2\})$	1360

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^7, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^3, 4^4, 6^7, 12^2\})$	5440
12	$\mathcal{O}(0; \{4^6, 6^7, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^6, 3, 6^8, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^4, 6^8, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^8, 12^2\})$	5456
12	$\mathcal{O}(0; \{3, 4^4, 6^8, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^2, 6^9, 12^2\})$	5460
12	$\mathcal{O}(0; \{3^2, 4^2, 6^9, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^4, 6^{10}, 12^2\})$	2732
12	$\mathcal{O}(0; \{3^3, 6^{10}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2, 4^2, 6^{10}, 12^2\})$	10928
12	$\mathcal{O}(0; \{2, 3, 6^{11}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^{16}, 3, 4, 12^3\})$	48
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4, 12^3\})$	336
12	$\mathcal{O}(0; \{2^8, 3^7, 4, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4, 12^3\})$	21840
12	$\mathcal{O}(0; \{3^{13}, 4, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{13}, 3, 4^3, 12^3\})$	192
12	$\mathcal{O}(0; \{2^9, 3^4, 4^3, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^7, 4^3, 12^3\})$	10944
12	$\mathcal{O}(0; \{2, 3^{10}, 4^3, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^{10}, 3, 4^5, 12^3\})$	768
12	$\mathcal{O}(0; \{2^6, 3^4, 4^5, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^7, 4^5, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^7, 3, 4^7, 12^3\})$	3072
12	$\mathcal{O}(0; \{2^3, 3^4, 4^7, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^4, 3, 4^9, 12^3\})$	12288
12	$\mathcal{O}(0; \{3^4, 4^9, 12^3\})$	86016
12	$\mathcal{O}(0; \{2, 3, 4^{11}, 12^3\})$	49152
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4, 6, 12^3\})$	176
12	$\mathcal{O}(0; \{2^9, 3^5, 4, 6, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^8, 4, 6, 12^3\})$	10928
12	$\mathcal{O}(0; \{2, 3^{11}, 4, 6, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^3, 6, 12^3\})$	704
12	$\mathcal{O}(0; \{2^6, 3^5, 4^3, 6, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^8, 4^3, 6, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^7, 3^2, 4^5, 6, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^5, 4^5, 6, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^2, 4^7, 6, 12^3\})$	11264
12	$\mathcal{O}(0; \{3^5, 4^7, 6, 12^3\})$	87040
12	$\mathcal{O}(0; \{2, 3^2, 4^9, 6, 12^3\})$	45056
12	$\mathcal{O}(0; \{2^{14}, 4, 6^2, 12^3\})$	80

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4, 6^2, 12^3\})$	688
12	$\mathcal{O}(0; \{2^6, 3^6, 4, 6^2, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^9, 4, 6^2, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^{11}, 4^3, 6^2, 12^3\})$	320
12	$\mathcal{O}(0; \{2^7, 3^3, 4^3, 6^2, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^6, 4^3, 6^2, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^8, 4^5, 6^2, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^3, 4^5, 6^2, 12^3\})$	11008
12	$\mathcal{O}(0; \{3^6, 4^5, 6^2, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^5, 4^7, 6^2, 12^3\})$	5120
12	$\mathcal{O}(0; \{2, 3^3, 4^7, 6^2, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^2, 4^9, 6^2, 12^3\})$	20480
12	$\mathcal{O}(0; \{2^{11}, 3, 4, 6^3, 12^3\})$	336
12	$\mathcal{O}(0; \{2^7, 3^4, 4, 6^3, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^7, 4, 6^3, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^8, 3, 4^3, 6^3, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^4, 4^3, 6^3, 12^3\})$	10944
12	$\mathcal{O}(0; \{3^7, 4^3, 6^3, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^5, 3, 4^5, 6^3, 12^3\})$	5376
12	$\mathcal{O}(0; \{2, 3^4, 4^5, 6^3, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^2, 3, 4^7, 6^3, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 6^4, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 6^4, 12^3\})$	10928
12	$\mathcal{O}(0; \{3^8, 4, 6^4, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 6^4, 12^3\})$	5440
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 6^4, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 6^4, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^9, 4, 6^5, 12^3\})$	688
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6^5, 12^3\})$	5456
12	$\mathcal{O}(0; \{2, 3^6, 4, 6^5, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^6, 4^3, 6^5, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6^5, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^3, 4^5, 6^5, 12^3\})$	11008
12	$\mathcal{O}(0; \{4^7, 6^5, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^6, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^6, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^6, 12^3\})$	10944
12	$\mathcal{O}(0; \{3, 4^5, 6^6, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^7, 12^3\})$	10928
12	$\mathcal{O}(0; \{3^2, 4^3, 6^7, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^4, 4, 6^8, 12^3\})$	5456
12	$\mathcal{O}(0; \{3^3, 4, 6^8, 12^3\})$	43696
12	$\mathcal{O}(0; \{2, 4^3, 6^8, 12^3\})$	21824

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3, 4, 6^9, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^{17}, 12^4\})$	48
12	$\mathcal{O}(0; \{2^{13}, 3^3, 12^4\})$	336
12	$\mathcal{O}(0; \{2^9, 3^6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^9, 12^4\})$	21840
12	$\mathcal{O}(0; \{2, 3^{12}, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^{14}, 4^2, 12^4\})$	192
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^2, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^6, 4^2, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^9, 4^2, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^{11}, 4^4, 12^4\})$	768
12	$\mathcal{O}(0; \{2^7, 3^3, 4^4, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^6, 4^4, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^8, 4^6, 12^4\})$	3072
12	$\mathcal{O}(0; \{2^4, 3^3, 4^6, 12^4\})$	21504
12	$\mathcal{O}(0; \{3^6, 4^6, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^5, 4^8, 12^4\})$	12288
12	$\mathcal{O}(0; \{2, 3^3, 4^8, 12^4\})$	86016
12	$\mathcal{O}(0; \{2^2, 4^{10}, 12^4\})$	49152
12	$\mathcal{O}(0; \{2^{14}, 3, 6, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^4, 6, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^7, 6, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{10}, 6, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^{11}, 3, 4^2, 6, 12^4\})$	704
12	$\mathcal{O}(0; \{2^7, 3^4, 4^2, 6, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^7, 4^2, 6, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^8, 3, 4^4, 6, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^4, 4^4, 6, 12^4\})$	21760
12	$\mathcal{O}(0; \{3^7, 4^4, 6, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^5, 3, 4^6, 6, 12^4\})$	11264
12	$\mathcal{O}(0; \{2, 3^4, 4^6, 6, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^2, 3, 4^8, 6, 12^4\})$	45056
12	$\mathcal{O}(0; \{2^{11}, 3^2, 6^2, 12^4\})$	688
12	$\mathcal{O}(0; \{2^7, 3^5, 6^2, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^8, 6^2, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 6^2, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 6^2, 12^4\})$	21824
12	$\mathcal{O}(0; \{3^8, 4^2, 6^2, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 6^2, 12^4\})$	11008
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 6^2, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 6^2, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^{12}, 6^3, 12^4\})$	336
12	$\mathcal{O}(0; \{2^8, 3^3, 6^3, 12^4\})$	2736

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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	$\mathcal{O}(0; \{2^4, 3^6, 6^3, 12^4\})$	21840
12	$\mathcal{O}(0; \{3^9, 6^3, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^9, 4^2, 6^3, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6^3, 12^4\})$	10944
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6^3, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^6, 4^4, 6^3, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6^3, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^3, 4^6, 6^3, 12^4\})$	21504
12	$\mathcal{O}(0; \{4^8, 6^3, 12^4\})$	86016
12	$\mathcal{O}(0; \{2^9, 3, 6^4, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^4, 6^4, 12^4\})$	10928
12	$\mathcal{O}(0; \{2, 3^7, 6^4, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^4, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^4, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^4, 12^4\})$	21760
12	$\mathcal{O}(0; \{3, 4^6, 6^4, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^6, 3^2, 6^5, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^5, 6^5, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^5, 12^4\})$	21824
12	$\mathcal{O}(0; \{3^2, 4^4, 6^5, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^7, 6^6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^3, 6^6, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^4, 4^2, 6^6, 12^4\})$	10944
12	$\mathcal{O}(0; \{3^3, 4^2, 6^6, 12^4\})$	87360
12	$\mathcal{O}(0; \{2, 4^4, 6^6, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^4, 3, 6^7, 12^4\})$	10928
12	$\mathcal{O}(0; \{3^4, 6^7, 12^4\})$	87376
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^7, 12^4\})$	43712
12	$\mathcal{O}(0; \{2, 3^2, 6^8, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^2, 6^9, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^5, 4, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^8, 4, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^8, 3^2, 4^3, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^5, 4^3, 12^5\})$	43776
12	$\mathcal{O}(0; \{3^8, 4^3, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^5, 3^2, 4^5, 12^5\})$	21504
12	$\mathcal{O}(0; \{2, 3^5, 4^5, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^2, 4^7, 12^5\})$	86016
12	$\mathcal{O}(0; \{2^{12}, 4, 6, 12^5\})$	704
12	$\mathcal{O}(0; \{2^8, 3^3, 4, 6, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^6, 4, 6, 12^5\})$	43712
12	$\mathcal{O}(0; \{3^9, 4, 6, 12^5\})$	349504

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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	$\mathcal{O}(0; \{2^9, 4^3, 6, 12^5\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 6, 12^5\})$	21760
12	$\mathcal{O}(0; \{2, 3^6, 4^3, 6, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^6, 4^5, 6, 12^5\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 6, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^3, 4^7, 6, 12^5\})$	45056
12	$\mathcal{O}(0; \{4^9, 6, 12^5\})$	180224
12	$\mathcal{O}(0; \{2^9, 3, 4, 6^2, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 6^2, 12^5\})$	21824
12	$\mathcal{O}(0; \{2, 3^7, 4, 6^2, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 6^2, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6^2, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 6^2, 12^5\})$	44032
12	$\mathcal{O}(0; \{3, 4^7, 6^2, 12^5\})$	176128
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^3, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^3, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^3, 12^5\})$	43776
12	$\mathcal{O}(0; \{3^2, 4^5, 6^3, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^7, 4, 6^4, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^4, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^4, 4^3, 6^4, 12^5\})$	21760
12	$\mathcal{O}(0; \{3^3, 4^3, 6^4, 12^5\})$	174848
12	$\mathcal{O}(0; \{2, 4^5, 6^4, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^5, 12^5\})$	21824
12	$\mathcal{O}(0; \{3^4, 4, 6^5, 12^5\})$	174784
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^5, 12^5\})$	87296
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^6, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^2, 4, 6^7, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^{12}, 3, 12^6\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^4, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^7, 12^6\})$	87360
12	$\mathcal{O}(0; \{3^{10}, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 12^6\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 12^6\})$	43776
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 12^6\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 12^6\})$	175104
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 12^6\})$	86016
12	$\mathcal{O}(0; \{3, 4^8, 12^6\})$	344064
12	$\mathcal{O}(0; \{2^9, 3^2, 6, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^5, 6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2, 3^8, 6, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6, 12^6\})$	21760

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6, 12^6\})$	87040
12	$\mathcal{O}(0; \{3^2, 4^6, 6, 12^6\})$	348160
12	$\mathcal{O}(0; \{2^{10}, 6^2, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^3, 6^2, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^6, 6^2, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^7, 4^2, 6^2, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^2, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^4, 4^4, 6^2, 12^6\})$	44032
12	$\mathcal{O}(0; \{3^3, 4^4, 6^2, 12^6\})$	349184
12	$\mathcal{O}(0; \{2, 4^6, 6^2, 12^6\})$	176128
12	$\mathcal{O}(0; \{2^7, 3, 6^3, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^4, 6^3, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^3, 12^6\})$	43776
12	$\mathcal{O}(0; \{3^4, 4^2, 6^3, 12^6\})$	349440
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^3, 12^6\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^2, 6^4, 12^6\})$	43712
12	$\mathcal{O}(0; \{3^5, 6^4, 12^6\})$	349504
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^4, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^5, 6^5, 12^6\})$	21824
12	$\mathcal{O}(0; \{2, 3^3, 6^5, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^2, 4^2, 6^5, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^2, 3, 6^6, 12^6\})$	87360
12	$\mathcal{O}(0; \{6^8, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^{10}, 4, 12^7\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^7, 4^3, 12^7\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 12^7\})$	175104
12	$\mathcal{O}(0; \{2^4, 4^5, 12^7\})$	86016
12	$\mathcal{O}(0; \{3^3, 4^5, 12^7\})$	700416
12	$\mathcal{O}(0; \{2, 4^7, 12^7\})$	344064
12	$\mathcal{O}(0; \{2^7, 3, 4, 6, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6, 12^7\})$	87040
12	$\mathcal{O}(0; \{3^4, 4^3, 6, 12^7\})$	699392
12	$\mathcal{O}(0; \{2, 3, 4^5, 6, 12^7\})$	348160
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^2, 12^7\})$	87296
12	$\mathcal{O}(0; \{3^5, 4, 6^2, 12^7\})$	699136
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^2, 12^7\})$	349184
12	$\mathcal{O}(0; \{2^5, 4, 6^3, 12^7\})$	43776
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^3, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^2, 4^3, 6^3, 12^7\})$	175104

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^4, 12^7\})$	174848
12	$\mathcal{O}(0; \{4, 6^6, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^7, 3^2, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^5, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 12^8\})$	175104
12	$\mathcal{O}(0; \{3^5, 4^2, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 12^8\})$	700416
12	$\mathcal{O}(0; \{2^8, 6, 12^8\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^3, 6, 12^8\})$	174848
12	$\mathcal{O}(0; \{3^6, 6, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^5, 4^2, 6, 12^8\})$	87040
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6, 12^8\})$	699392
12	$\mathcal{O}(0; \{2^2, 4^4, 6, 12^8\})$	348160
12	$\mathcal{O}(0; \{2^5, 3, 6^2, 12^8\})$	87296
12	$\mathcal{O}(0; \{2, 3^4, 6^2, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^2, 12^8\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^3, 6^4, 12^8\})$	174848
12	$\mathcal{O}(0; \{4^2, 6^4, 12^8\})$	699392
12	$\mathcal{O}(0; \{3, 6^5, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^5, 3, 4, 12^9\})$	175104
12	$\mathcal{O}(0; \{2, 3^4, 4, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 12^9\})$	700416
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 12^9\})$	699392
12	$\mathcal{O}(0; \{2^3, 4, 6^2, 12^9\})$	349184
12	$\mathcal{O}(0; \{4^3, 6^2, 12^9\})$	1396736
12	$\mathcal{O}(0; \{3, 4, 6^3, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^6, 12^{10}\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^3, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2^3, 4^2, 12^{10}\})$	700416
12	$\mathcal{O}(0; \{4^4, 12^{10}\})$	2801664
12	$\mathcal{O}(0; \{2^3, 3, 6, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{3, 4^2, 6, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{3^2, 6^2, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2, 6^3, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{3^2, 4, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{2, 4, 6, 12^{11}\})$	2797568
12	$\mathcal{O}(0; \{2, 3, 12^{12}\})$	5591040
13	$\mathcal{O}(2; \{13^8\})$	944669812476
14	$\mathcal{O}(4; \{2^2, 7^2\})$	8854734336
14	$\mathcal{O}(4; \{7, 14^2\})$	44273671680
14	$\mathcal{O}(3; \{2^6, 7^2\})$	45177216
14	$\mathcal{O}(3; \{2^4, 7, 14^2\})$	225886080

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(3; \{2^2, 14^4\})$	1400493696
14	$\mathcal{O}(2; \{2^{10}, 7^2\})$	230496
14	$\mathcal{O}(2; \{2^3, 7^5, 14\})$	256081056
14	$\mathcal{O}(2; \{2^8, 7, 14^2\})$	1152480
14	$\mathcal{O}(2; \{2, 7^4, 14^3\})$	1536255840
14	$\mathcal{O}(2; \{2^6, 14^4\})$	7145376
14	$\mathcal{O}(1; \{2^{14}, 7^2\})$	1176
14	$\mathcal{O}(1; \{2^2, 7^9\})$	282175320
14	$\mathcal{O}(1; \{2^7, 7^5, 14\})$	1306536
14	$\mathcal{O}(1; \{2^{12}, 7, 14^2\})$	5880
14	$\mathcal{O}(1; \{7^8, 14^2\})$	1693053096
14	$\mathcal{O}(1; \{2^5, 7^4, 14^3\})$	7838040
14	$\mathcal{O}(1; \{2^{10}, 14^4\})$	36456
14	$\mathcal{O}(1; \{2^3, 7^3, 14^5\})$	47029416
14	$\mathcal{O}(1; \{2, 7^2, 14^7\})$	282175320
14	$\mathcal{O}(0; \{2^{18}, 7^2\})$	6
14	$\mathcal{O}(0; \{2^6, 7^9\})$	1439670
14	$\mathcal{O}(0; \{2^{11}, 7^5, 14\})$	6666
14	$\mathcal{O}(0; \{2^{16}, 7, 14^2\})$	30
14	$\mathcal{O}(0; \{2^4, 7^8, 14^2\})$	8638026
14	$\mathcal{O}(0; \{2^9, 7^4, 14^3\})$	39990
14	$\mathcal{O}(0; \{2^{14}, 14^4\})$	186
14	$\mathcal{O}(0; \{2^2, 7^7, 14^4\})$	51828150
14	$\mathcal{O}(0; \{2^7, 7^3, 14^5\})$	239946
14	$\mathcal{O}(0; \{7^6, 14^6\})$	310968906
14	$\mathcal{O}(0; \{2^5, 7^2, 14^7\})$	1439670
14	$\mathcal{O}(0; \{2^3, 7, 14^9\})$	8638026
14	$\mathcal{O}(0; \{2, 14^{11}\})$	51828150
15	$\mathcal{O}(3; \{3, 5^2, 15^2\})$	1184625000
15	$\mathcal{O}(3; \{3^2, 15^3\})$	1366875000
15	$\mathcal{O}(2; \{3^2, 5^6\})$	83025000
15	$\mathcal{O}(2; \{3^3, 5^4, 15\})$	61965000
15	$\mathcal{O}(2; \{3^4, 5^2, 15^2\})$	57915000
15	$\mathcal{O}(2; \{3^5, 15^3\})$	52245000
15	$\mathcal{O}(2; \{5^3, 15^4\})$	995085000
15	$\mathcal{O}(2; \{3, 5, 15^5\})$	913275000
15	$\mathcal{O}(1; \{3^5, 5^6\})$	1845000
15	$\mathcal{O}(1; \{3^6, 5^4, 15\})$	1927800
15	$\mathcal{O}(1; \{3^7, 5^2, 15^2\})$	1989000
15	$\mathcal{O}(1; \{3, 5^7, 15^2\})$	23592600
15	$\mathcal{O}(1; \{3^8, 15^3\})$	1841400
15	$\mathcal{O}(1; \{3^2, 5^5, 15^3\})$	29493000
15	$\mathcal{O}(1; \{3^3, 5^3, 15^4\})$	30958200

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(1; \{3^4, 5, 15^5\})$	31365000
15	$\mathcal{O}(1; \{5^2, 15^7\})$	495444600
15	$\mathcal{O}(1; \{3, 15^8\})$	501381000
15	$\mathcal{O}(0; \{3^8, 5^6\})$	70520
15	$\mathcal{O}(0; \{3^2, 5^{11}\})$	1677720
15	$\mathcal{O}(0; \{3^9, 5^4, 15\})$	69768
15	$\mathcal{O}(0; \{3^3, 5^9, 15\})$	1258296
15	$\mathcal{O}(0; \{3^{10}, 5^2, 15^2\})$	71032
15	$\mathcal{O}(0; \{3^4, 5^7, 15^2\})$	1153416
15	$\mathcal{O}(0; \{3^{11}, 15^3\})$	65544
15	$\mathcal{O}(0; \{3^5, 5^5, 15^3\})$	1127288
15	$\mathcal{O}(0; \{3^6, 5^3, 15^4\})$	1120392
15	$\mathcal{O}(0; \{5^8, 15^4\})$	20132664
15	$\mathcal{O}(0; \{3^7, 5, 15^5\})$	1120120
15	$\mathcal{O}(0; \{3, 5^6, 15^5\})$	18454920
15	$\mathcal{O}(0; \{3^2, 5^4, 15^6\})$	18035576
15	$\mathcal{O}(0; \{3^3, 5^2, 15^7\})$	17930376
15	$\mathcal{O}(0; \{3^4, 15^8\})$	17905528
15	$\mathcal{O}(0; \{5, 15^{10}\})$	286890120
16	$\mathcal{O}(3; \{2^2, 4, 16^2\})$	268435456
16	$\mathcal{O}(3; \{8^2, 16^2\})$	2147483648
16	$\mathcal{O}(2; \{2^6, 4, 16^2\})$	1048576
16	$\mathcal{O}(2; \{2^3, 4^3, 16^2\})$	4194304
16	$\mathcal{O}(2; \{4^5, 16^2\})$	16777216
16	$\mathcal{O}(2; \{2^4, 8^2, 16^2\})$	8388608
16	$\mathcal{O}(2; \{2, 4^2, 8^2, 16^2\})$	33554432
16	$\mathcal{O}(2; \{2^2, 8, 16^4\})$	134217728
16	$\mathcal{O}(2; \{16^6\})$	2147483648
16	$\mathcal{O}(1; \{2^{10}, 4, 16^2\})$	4096
16	$\mathcal{O}(1; \{2^7, 4^3, 16^2\})$	16384
16	$\mathcal{O}(1; \{2^4, 4^5, 16^2\})$	65536
16	$\mathcal{O}(1; \{2, 4^7, 16^2\})$	262144
16	$\mathcal{O}(1; \{2^8, 8^2, 16^2\})$	32768
16	$\mathcal{O}(1; \{2^5, 4^2, 8^2, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^2, 4^4, 8^2, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^3, 4, 8^4, 16^2\})$	1048576
16	$\mathcal{O}(1; \{4^3, 8^4, 16^2\})$	4194304
16	$\mathcal{O}(1; \{2, 8^6, 16^2\})$	8388608
16	$\mathcal{O}(1; \{2^6, 8, 16^4\})$	524288
16	$\mathcal{O}(1; \{2^3, 4^2, 8, 16^4\})$	2097152
16	$\mathcal{O}(1; \{4^4, 8, 16^4\})$	8388608
16	$\mathcal{O}(1; \{2, 4, 8^3, 16^4\})$	16777216
16	$\mathcal{O}(1; \{2^4, 16^6\})$	8388608

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{2, 4^2, 16^6\})$	33554432
16	$\mathcal{O}(0; \{2^{14}, 4, 16^2\})$	16
16	$\mathcal{O}(0; \{2^{11}, 4^3, 16^2\})$	64
16	$\mathcal{O}(0; \{2^8, 4^5, 16^2\})$	256
16	$\mathcal{O}(0; \{2^5, 4^7, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^2, 4^9, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^{12}, 8^2, 16^2\})$	128
16	$\mathcal{O}(0; \{2^9, 4^2, 8^2, 16^2\})$	512
16	$\mathcal{O}(0; \{2^6, 4^4, 8^2, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^3, 4^6, 8^2, 16^2\})$	8192
16	$\mathcal{O}(0; \{4^8, 8^2, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^7, 4, 8^4, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^4, 4^3, 8^4, 16^2\})$	16384
16	$\mathcal{O}(0; \{2, 4^5, 8^4, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^5, 8^6, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^2, 4^2, 8^6, 16^2\})$	131072
16	$\mathcal{O}(0; \{4, 8^8, 16^2\})$	1048576
16	$\mathcal{O}(0; \{2^{10}, 8, 16^4\})$	2048
16	$\mathcal{O}(0; \{2^7, 4^2, 8, 16^4\})$	8192
16	$\mathcal{O}(0; \{2^4, 4^4, 8, 16^4\})$	32768
16	$\mathcal{O}(0; \{2, 4^6, 8, 16^4\})$	131072
16	$\mathcal{O}(0; \{2^5, 4, 8^3, 16^4\})$	65536
16	$\mathcal{O}(0; \{2^2, 4^3, 8^3, 16^4\})$	262144
16	$\mathcal{O}(0; \{2^3, 8^5, 16^4\})$	524288
16	$\mathcal{O}(0; \{4^2, 8^5, 16^4\})$	2097152
16	$\mathcal{O}(0; \{2^8, 16^6\})$	32768
16	$\mathcal{O}(0; \{2^5, 4^2, 16^6\})$	131072
16	$\mathcal{O}(0; \{2^2, 4^4, 16^6\})$	524288
16	$\mathcal{O}(0; \{2^3, 4, 8^2, 16^6\})$	1048576
16	$\mathcal{O}(0; \{4^3, 8^2, 16^6\})$	4194304
16	$\mathcal{O}(0; \{2, 8^4, 16^6\})$	8388608
16	$\mathcal{O}(0; \{2, 4, 8, 16^8\})$	16777216
18	$\mathcal{O}(3; \{2^2, 9^2\})$	204073344
18	$\mathcal{O}(3; \{9, 18^2\})$	612220032
18	$\mathcal{O}(2; \{2^6, 9^2\})$	629856
18	$\mathcal{O}(2; \{2^2, 3^3, 9^2\})$	5038848
18	$\mathcal{O}(2; \{2^3, 3, 6, 9^2\})$	2519424
18	$\mathcal{O}(2; \{3^2, 6^2, 9^2\})$	10077696
18	$\mathcal{O}(2; \{2, 6^3, 9^2\})$	5038848
18	$\mathcal{O}(2; \{2, 3, 9^3, 18\})$	34012224
18	$\mathcal{O}(2; \{2^4, 9, 18^2\})$	1889568
18	$\mathcal{O}(2; \{3^3, 9, 18^2\})$	15116544
18	$\mathcal{O}(2; \{2, 3, 6, 9, 18^2\})$	7558272

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{2^2, 18^4\})$	17006112
18	$\mathcal{O}(1; \{2^{10}, 9^2\})$	1944
18	$\mathcal{O}(1; \{2^6, 3^3, 9^2\})$	15552
18	$\mathcal{O}(1; \{2^2, 3^6, 9^2\})$	124416
18	$\mathcal{O}(1; \{2^7, 3, 6, 9^2\})$	7776
18	$\mathcal{O}(1; \{2^3, 3^4, 6, 9^2\})$	62208
18	$\mathcal{O}(1; \{2^4, 3^2, 6^2, 9^2\})$	31104
18	$\mathcal{O}(1; \{3^5, 6^2, 9^2\})$	248832
18	$\mathcal{O}(1; \{2^5, 6^3, 9^2\})$	15552
18	$\mathcal{O}(1; \{2, 3^3, 6^3, 9^2\})$	124416
18	$\mathcal{O}(1; \{2^2, 3, 6^4, 9^2\})$	62208
18	$\mathcal{O}(1; \{6^6, 9^2\})$	124416
18	$\mathcal{O}(1; \{2^2, 3^2, 9^5\})$	1049760
18	$\mathcal{O}(1; \{2^3, 6, 9^5\})$	524880
18	$\mathcal{O}(1; \{3, 6^2, 9^5\})$	2099520
18	$\mathcal{O}(1; \{2^5, 3, 9^3, 18\})$	104976
18	$\mathcal{O}(1; \{2, 3^4, 9^3, 18\})$	839808
18	$\mathcal{O}(1; \{2^2, 3^2, 6, 9^3, 18\})$	419904
18	$\mathcal{O}(1; \{2^3, 6^2, 9^3, 18\})$	209952
18	$\mathcal{O}(1; \{3, 6^3, 9^3, 18\})$	839808
18	$\mathcal{O}(1; \{2, 9^6, 18\})$	9920232
18	$\mathcal{O}(1; \{2^8, 9, 18^2\})$	5832
18	$\mathcal{O}(1; \{2^4, 3^3, 9, 18^2\})$	46656
18	$\mathcal{O}(1; \{3^6, 9, 18^2\})$	373248
18	$\mathcal{O}(1; \{2^5, 3, 6, 9, 18^2\})$	23328
18	$\mathcal{O}(1; \{2, 3^4, 6, 9, 18^2\})$	186624
18	$\mathcal{O}(1; \{2^2, 3^2, 6^2, 9, 18^2\})$	93312
18	$\mathcal{O}(1; \{2^3, 6^3, 9, 18^2\})$	46656
18	$\mathcal{O}(1; \{3, 6^4, 9, 18^2\})$	186624
18	$\mathcal{O}(1; \{3^2, 9^4, 18^2\})$	6928416
18	$\mathcal{O}(1; \{2, 6, 9^4, 18^2\})$	3464208
18	$\mathcal{O}(1; \{2^3, 3, 9^2, 18^3\})$	524880
18	$\mathcal{O}(1; \{3^2, 6, 9^2, 18^3\})$	2099520
18	$\mathcal{O}(1; \{2, 6^2, 9^2, 18^3\})$	1049760
18	$\mathcal{O}(1; \{2^6, 18^4\})$	52488
18	$\mathcal{O}(1; \{2^2, 3^3, 18^4\})$	419904
18	$\mathcal{O}(1; \{2^3, 3, 6, 18^4\})$	209952
18	$\mathcal{O}(1; \{3^2, 6^2, 18^4\})$	839808
18	$\mathcal{O}(1; \{2, 6^3, 18^4\})$	419904
18	$\mathcal{O}(1; \{2, 3, 9, 18^5\})$	3464208
18	$\mathcal{O}(0; \{2^{14}, 9^2\})$	6
18	$\mathcal{O}(0; \{2^{10}, 3^3, 9^2\})$	48
18	$\mathcal{O}(0; \{2^6, 3^6, 9^2\})$	384

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^2, 3^9, 9^2\})$	3072
18	$\mathcal{O}(0; \{2^{11}, 3, 6, 9^2\})$	24
18	$\mathcal{O}(0; \{2^7, 3^4, 6, 9^2\})$	192
18	$\mathcal{O}(0; \{2^3, 3^7, 6, 9^2\})$	1536
18	$\mathcal{O}(0; \{2^8, 3^2, 6^2, 9^2\})$	96
18	$\mathcal{O}(0; \{2^4, 3^5, 6^2, 9^2\})$	768
18	$\mathcal{O}(0; \{3^8, 6^2, 9^2\})$	6144
18	$\mathcal{O}(0; \{2^9, 6^3, 9^2\})$	48
18	$\mathcal{O}(0; \{2^5, 3^3, 6^3, 9^2\})$	384
18	$\mathcal{O}(0; \{2, 3^6, 6^3, 9^2\})$	3072
18	$\mathcal{O}(0; \{2^6, 3, 6^4, 9^2\})$	192
18	$\mathcal{O}(0; \{2^2, 3^4, 6^4, 9^2\})$	1536
18	$\mathcal{O}(0; \{2^3, 3^2, 6^5, 9^2\})$	768
18	$\mathcal{O}(0; \{2^4, 6^6, 9^2\})$	384
18	$\mathcal{O}(0; \{3^3, 6^6, 9^2\})$	3072
18	$\mathcal{O}(0; \{2, 3, 6^7, 9^2\})$	1536
18	$\mathcal{O}(0; \{2^6, 3^2, 9^5\})$	3240
18	$\mathcal{O}(0; \{2^2, 3^5, 9^5\})$	25920
18	$\mathcal{O}(0; \{2^7, 6, 9^5\})$	1620
18	$\mathcal{O}(0; \{2^3, 3^3, 6, 9^5\})$	12960
18	$\mathcal{O}(0; \{2^4, 3, 6^2, 9^5\})$	6480
18	$\mathcal{O}(0; \{3^4, 6^2, 9^5\})$	51840
18	$\mathcal{O}(0; \{2, 3^2, 6^3, 9^5\})$	25920
18	$\mathcal{O}(0; \{2^2, 6^4, 9^5\})$	12960
18	$\mathcal{O}(0; \{2^2, 3, 9^8\})$	376164
18	$\mathcal{O}(0; \{6^2, 9^8\})$	752328
18	$\mathcal{O}(0; \{2^9, 3, 9^3, 18\})$	324
18	$\mathcal{O}(0; \{2^5, 3^4, 9^3, 18\})$	2592
18	$\mathcal{O}(0; \{2, 3^7, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{2^6, 3^2, 6, 9^3, 18\})$	1296
18	$\mathcal{O}(0; \{2^2, 3^5, 6, 9^3, 18\})$	10368
18	$\mathcal{O}(0; \{2^7, 6^2, 9^3, 18\})$	648
18	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 9^3, 18\})$	5184
18	$\mathcal{O}(0; \{2^4, 3, 6^3, 9^3, 18\})$	2592
18	$\mathcal{O}(0; \{3^4, 6^3, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{2, 3^2, 6^4, 9^3, 18\})$	10368
18	$\mathcal{O}(0; \{2^2, 6^5, 9^3, 18\})$	5184
18	$\mathcal{O}(0; \{2^5, 9^6, 18\})$	30618
18	$\mathcal{O}(0; \{2, 3^3, 9^6, 18\})$	244944
18	$\mathcal{O}(0; \{2^2, 3, 6, 9^6, 18\})$	122472
18	$\mathcal{O}(0; \{6^3, 9^6, 18\})$	244944
18	$\mathcal{O}(0; \{2^{12}, 9, 18^2\})$	18
18	$\mathcal{O}(0; \{2^8, 3^3, 9, 18^2\})$	144

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^4, 3^6, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{3^9, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{2^9, 3, 6, 9, 18^2\})$	72
18	$\mathcal{O}(0; \{2^5, 3^4, 6, 9, 18^2\})$	576
18	$\mathcal{O}(0; \{2, 3^7, 6, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{2^6, 3^2, 6^2, 9, 18^2\})$	288
18	$\mathcal{O}(0; \{2^2, 3^5, 6^2, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{2^7, 6^3, 9, 18^2\})$	144
18	$\mathcal{O}(0; \{2^3, 3^3, 6^3, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{2^4, 3, 6^4, 9, 18^2\})$	576
18	$\mathcal{O}(0; \{3^4, 6^4, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{2, 3^2, 6^5, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{2^2, 6^6, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{2^4, 3^2, 9^4, 18^2\})$	21384
18	$\mathcal{O}(0; \{3^5, 9^4, 18^2\})$	171072
18	$\mathcal{O}(0; \{2^5, 6, 9^4, 18^2\})$	10692
18	$\mathcal{O}(0; \{2, 3^3, 6, 9^4, 18^2\})$	85536
18	$\mathcal{O}(0; \{2^2, 3, 6^2, 9^4, 18^2\})$	42768
18	$\mathcal{O}(0; \{6^4, 9^4, 18^2\})$	85536
18	$\mathcal{O}(0; \{3, 9^7, 18^2\})$	2230740
18	$\mathcal{O}(0; \{2^7, 3, 9^2, 18^3\})$	1620
18	$\mathcal{O}(0; \{2^3, 3^4, 9^2, 18^3\})$	12960
18	$\mathcal{O}(0; \{2^4, 3^2, 6, 9^2, 18^3\})$	6480
18	$\mathcal{O}(0; \{3^5, 6, 9^2, 18^3\})$	51840
18	$\mathcal{O}(0; \{2^5, 6^2, 9^2, 18^3\})$	3240
18	$\mathcal{O}(0; \{2, 3^3, 6^2, 9^2, 18^3\})$	25920
18	$\mathcal{O}(0; \{2^2, 3, 6^3, 9^2, 18^3\})$	12960
18	$\mathcal{O}(0; \{6^5, 9^2, 18^3\})$	25920
18	$\mathcal{O}(0; \{2^3, 9^5, 18^3\})$	188082
18	$\mathcal{O}(0; \{3, 6, 9^5, 18^3\})$	752328
18	$\mathcal{O}(0; \{2^{10}, 18^4\})$	162
18	$\mathcal{O}(0; \{2^6, 3^3, 18^4\})$	1296
18	$\mathcal{O}(0; \{2^2, 3^6, 18^4\})$	10368
18	$\mathcal{O}(0; \{2^7, 3, 6, 18^4\})$	648
18	$\mathcal{O}(0; \{2^3, 3^4, 6, 18^4\})$	5184
18	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 18^4\})$	2592
18	$\mathcal{O}(0; \{3^5, 6^2, 18^4\})$	20736
18	$\mathcal{O}(0; \{2^5, 6^3, 18^4\})$	1296
18	$\mathcal{O}(0; \{2, 3^3, 6^3, 18^4\})$	10368
18	$\mathcal{O}(0; \{2^2, 3, 6^4, 18^4\})$	5184
18	$\mathcal{O}(0; \{6^6, 18^4\})$	10368
18	$\mathcal{O}(0; \{2^2, 3^2, 9^3, 18^4\})$	122472
18	$\mathcal{O}(0; \{2^3, 6, 9^3, 18^4\})$	61236

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{3, 6^2, 9^3, 18^4\})$	244944
18	$\mathcal{O}(0; \{2^5, 3, 9, 18^5\})$	10692
18	$\mathcal{O}(0; \{2, 3^4, 9, 18^5\})$	85536
18	$\mathcal{O}(0; \{2^2, 3^2, 6, 9, 18^5\})$	42768
18	$\mathcal{O}(0; \{2^3, 6^2, 9, 18^5\})$	21384
18	$\mathcal{O}(0; \{3, 6^3, 9, 18^5\})$	85536
18	$\mathcal{O}(0; \{2, 9^4, 18^5\})$	1115370
18	$\mathcal{O}(0; \{3^2, 9^2, 18^6\})$	752328
18	$\mathcal{O}(0; \{2, 6, 9^2, 18^6\})$	376164
18	$\mathcal{O}(0; \{2^3, 3, 18^7\})$	61236
18	$\mathcal{O}(0; \{3^2, 6, 18^7\})$	244944
18	$\mathcal{O}(0; \{2, 6^2, 18^7\})$	122472
20	$\mathcal{O}(2; \{2^2, 4^2, 5^2\})$	1280000
20	$\mathcal{O}(2; \{4^2, 5, 10^2\})$	3840000
20	$\mathcal{O}(2; \{4, 5^3, 20\})$	16640000
20	$\mathcal{O}(2; \{2^3, 4, 10, 20\})$	1280000
20	$\mathcal{O}(2; \{4^3, 10, 20\})$	5120000
20	$\mathcal{O}(2; \{2, 5, 10, 20^2\})$	16640000
20	$\mathcal{O}(2; \{2, 4, 20^3\})$	15360000
20	$\mathcal{O}(1; \{2^6, 4^2, 5^2\})$	3200
20	$\mathcal{O}(1; \{2^3, 4^4, 5^2\})$	12800
20	$\mathcal{O}(1; \{4^6, 5^2\})$	51200
20	$\mathcal{O}(1; \{2, 4^2, 5^4, 10\})$	163200
20	$\mathcal{O}(1; \{2^4, 4^2, 5, 10^2\})$	9600
20	$\mathcal{O}(1; \{2, 4^4, 5, 10^2\})$	38400
20	$\mathcal{O}(1; \{2^2, 4^2, 10^4\})$	41600
20	$\mathcal{O}(1; \{2^4, 4, 5^3, 20\})$	41600
20	$\mathcal{O}(1; \{2, 4^3, 5^3, 20\})$	166400
20	$\mathcal{O}(1; \{2^7, 4, 10, 20\})$	3200
20	$\mathcal{O}(1; \{2^4, 4^3, 10, 20\})$	12800
20	$\mathcal{O}(1; \{2, 4^5, 10, 20\})$	51200
20	$\mathcal{O}(1; \{2^2, 4, 5^2, 10^2, 20\})$	163200
20	$\mathcal{O}(1; \{4, 5, 10^4, 20\})$	656000
20	$\mathcal{O}(1; \{2^2, 5^4, 20^2\})$	656000
20	$\mathcal{O}(1; \{2^5, 5, 10, 20^2\})$	41600
20	$\mathcal{O}(1; \{2^2, 4^2, 5, 10, 20^2\})$	166400
20	$\mathcal{O}(1; \{5^3, 10^2, 20^2\})$	2620800
20	$\mathcal{O}(1; \{2^3, 10^3, 20^2\})$	163200
20	$\mathcal{O}(1; \{4^2, 10^3, 20^2\})$	652800
20	$\mathcal{O}(1; \{2^5, 4, 20^3\})$	38400
20	$\mathcal{O}(1; \{2^2, 4^3, 20^3\})$	153600
20	$\mathcal{O}(1; \{4, 5^2, 10, 20^3\})$	2624000
20	$\mathcal{O}(1; \{2^3, 5, 20^4\})$	652800

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{4^2, 5, 20^4\})$	2611200
20	$\mathcal{O}(1; \{2, 10^2, 20^4\})$	2624000
20	$\mathcal{O}(0; \{2^{10}, 4^2, 5^2\})$	8
20	$\mathcal{O}(0; \{2^7, 4^4, 5^2\})$	32
20	$\mathcal{O}(0; \{2^4, 4^6, 5^2\})$	128
20	$\mathcal{O}(0; \{2, 4^8, 5^2\})$	512
20	$\mathcal{O}(0; \{2^2, 4^2, 5^7\})$	6552
20	$\mathcal{O}(0; \{2^5, 4^2, 5^4, 10\})$	408
20	$\mathcal{O}(0; \{2^2, 4^4, 5^4, 10\})$	1632
20	$\mathcal{O}(0; \{2^8, 4^2, 5, 10^2\})$	24
20	$\mathcal{O}(0; \{2^5, 4^4, 5, 10^2\})$	96
20	$\mathcal{O}(0; \{2^2, 4^6, 5, 10^2\})$	384
20	$\mathcal{O}(0; \{4^2, 5^6, 10^2\})$	26216
20	$\mathcal{O}(0; \{2^3, 4^2, 5^3, 10^3\})$	1640
20	$\mathcal{O}(0; \{4^4, 5^3, 10^3\})$	6560
20	$\mathcal{O}(0; \{2^6, 4^2, 10^4\})$	104
20	$\mathcal{O}(0; \{2^3, 4^4, 10^4\})$	416
20	$\mathcal{O}(0; \{4^6, 10^4\})$	1664
20	$\mathcal{O}(0; \{2, 4^2, 5^2, 10^5\})$	6552
20	$\mathcal{O}(0; \{2^8, 4, 5^3, 20\})$	104
20	$\mathcal{O}(0; \{2^5, 4^3, 5^3, 20\})$	416
20	$\mathcal{O}(0; \{2^2, 4^5, 5^3, 20\})$	1664
20	$\mathcal{O}(0; \{4, 5^8, 20\})$	104856
20	$\mathcal{O}(0; \{2^{11}, 4, 10, 20\})$	8
20	$\mathcal{O}(0; \{2^8, 4^3, 10, 20\})$	32
20	$\mathcal{O}(0; \{2^5, 4^5, 10, 20\})$	128
20	$\mathcal{O}(0; \{2^2, 4^7, 10, 20\})$	512
20	$\mathcal{O}(0; \{2^3, 4, 5^5, 10, 20\})$	6552
20	$\mathcal{O}(0; \{4^3, 5^5, 10, 20\})$	26208
20	$\mathcal{O}(0; \{2^6, 4, 5^2, 10^2, 20\})$	408
20	$\mathcal{O}(0; \{2^3, 4^3, 5^2, 10^2, 20\})$	1632
20	$\mathcal{O}(0; \{4^5, 5^2, 10^2, 20\})$	6528
20	$\mathcal{O}(0; \{2, 4, 5^4, 10^3, 20\})$	26216
20	$\mathcal{O}(0; \{2^4, 4, 5, 10^4, 20\})$	1640
20	$\mathcal{O}(0; \{2, 4^3, 5, 10^4, 20\})$	6560
20	$\mathcal{O}(0; \{2^2, 4, 10^6, 20\})$	6552
20	$\mathcal{O}(0; \{2^6, 5^4, 20^2\})$	1640
20	$\mathcal{O}(0; \{2^3, 4^2, 5^4, 20^2\})$	6560
20	$\mathcal{O}(0; \{4^4, 5^4, 20^2\})$	26240
20	$\mathcal{O}(0; \{2^9, 5, 10, 20^2\})$	104
20	$\mathcal{O}(0; \{2^6, 4^2, 5, 10, 20^2\})$	416
20	$\mathcal{O}(0; \{2^3, 4^4, 5, 10, 20^2\})$	1664
20	$\mathcal{O}(0; \{4^6, 5, 10, 20^2\})$	6656

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2, 5^6, 10, 20^2\})$	104856
20	$\mathcal{O}(0; \{2^4, 5^3, 10^2, 20^2\})$	6552
20	$\mathcal{O}(0; \{2, 4^2, 5^3, 10^2, 20^2\})$	26208
20	$\mathcal{O}(0; \{2^7, 10^3, 20^2\})$	408
20	$\mathcal{O}(0; \{2^4, 4^2, 10^3, 20^2\})$	1632
20	$\mathcal{O}(0; \{2, 4^4, 10^3, 20^2\})$	6528
20	$\mathcal{O}(0; \{2^2, 5^2, 10^4, 20^2\})$	26216
20	$\mathcal{O}(0; \{5, 10^6, 20^2\})$	104856
20	$\mathcal{O}(0; \{2^9, 4, 20^3\})$	96
20	$\mathcal{O}(0; \{2^6, 4^3, 20^3\})$	384
20	$\mathcal{O}(0; \{2^3, 4^5, 20^3\})$	1536
20	$\mathcal{O}(0; \{4^7, 20^3\})$	6144
20	$\mathcal{O}(0; \{2, 4, 5^5, 20^3\})$	104864
20	$\mathcal{O}(0; \{2^4, 4, 5^2, 10, 20^3\})$	6560
20	$\mathcal{O}(0; \{2, 4^3, 5^2, 10, 20^3\})$	26240
20	$\mathcal{O}(0; \{2^2, 4, 5, 10^3, 20^3\})$	26208
20	$\mathcal{O}(0; \{4, 10^5, 20^3\})$	104864
20	$\mathcal{O}(0; \{2^7, 5, 20^4\})$	1632
20	$\mathcal{O}(0; \{2^4, 4^2, 5, 20^4\})$	6528
20	$\mathcal{O}(0; \{2, 4^4, 5, 20^4\})$	26112
20	$\mathcal{O}(0; \{2^2, 5^3, 10, 20^4\})$	104864
20	$\mathcal{O}(0; \{2^5, 10^2, 20^4\})$	6560
20	$\mathcal{O}(0; \{2^2, 4^2, 10^2, 20^4\})$	26240
20	$\mathcal{O}(0; \{5^2, 10^3, 20^4\})$	419424
20	$\mathcal{O}(0; \{2^2, 4, 5^2, 20^5\})$	104832
20	$\mathcal{O}(0; \{4, 5, 10^2, 20^5\})$	419456
20	$\mathcal{O}(0; \{5^3, 20^6\})$	1677696
20	$\mathcal{O}(0; \{2^3, 10, 20^6\})$	104832
20	$\mathcal{O}(0; \{4^2, 10, 20^6\})$	419328
20	$\mathcal{O}(0; \{2, 20^8\})$	1677824
21	$\mathcal{O}(2; \{3^3, 7, 21\})$	7001316
21	$\mathcal{O}(2; \{21^4\})$	217040796
21	$\mathcal{O}(1; \{3^6, 7, 21\})$	111132
21	$\mathcal{O}(1; \{3^2, 7^3, 21^2\})$	2937060
21	$\mathcal{O}(1; \{3^3, 21^4\})$	3445092
21	$\mathcal{O}(0; \{3^4, 7^6\})$	39996
21	$\mathcal{O}(0; \{3^9, 7, 21\})$	2052
21	$\mathcal{O}(0; \{3^5, 7^3, 21^2\})$	46620
21	$\mathcal{O}(0; \{3, 7^5, 21^3\})$	1439676
21	$\mathcal{O}(0; \{3^6, 21^4\})$	63612
21	$\mathcal{O}(0; \{3^2, 7^2, 21^5\})$	1679580
22	$\mathcal{O}(1; \{2^2, 11^5\})$	4399560
22	$\mathcal{O}(1; \{11^4, 22^2\})$	4400440

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
22	$\mathcal{O}(0; \{2^6, 11^5\})$	9090
22	$\mathcal{O}(0; \{2^4, 11^4, 22^2\})$	90910
22	$\mathcal{O}(0; \{2^2, 11^3, 22^4\})$	909090
22	$\mathcal{O}(0; \{11^2, 22^6\})$	9090910
24	$\mathcal{O}(2; \{3^2, 8^2\})$	2654208
24	$\mathcal{O}(2; \{2, 3, 24^2\})$	2654208
24	$\mathcal{O}(1; \{2^4, 3^2, 8^2\})$	4608
24	$\mathcal{O}(1; \{3^5, 8^2\})$	23040
24	$\mathcal{O}(1; \{2, 3^2, 4^2, 8^2\})$	18432
24	$\mathcal{O}(1; \{2, 3^3, 6, 8^2\})$	13824
24	$\mathcal{O}(1; \{2^2, 3, 6^2, 8^2\})$	4608
24	$\mathcal{O}(1; \{6^4, 8^2\})$	13824
24	$\mathcal{O}(1; \{2^2, 3, 4, 8^2, 12\})$	18432
24	$\mathcal{O}(1; \{4, 6^2, 8^2, 12\})$	18432
24	$\mathcal{O}(1; \{3, 8^4, 12\})$	147456
24	$\mathcal{O}(1; \{2^3, 8^2, 12^2\})$	18432
24	$\mathcal{O}(1; \{4^2, 8^2, 12^2\})$	73728
24	$\mathcal{O}(1; \{3, 6, 8^2, 12^2\})$	55296
24	$\mathcal{O}(1; \{2, 3^3, 4, 8, 24\})$	27648
24	$\mathcal{O}(1; \{2^2, 3, 4, 6, 8, 24\})$	9216
24	$\mathcal{O}(1; \{4, 6^3, 8, 24\})$	27648
24	$\mathcal{O}(1; \{3, 6, 8^3, 24\})$	73728
24	$\mathcal{O}(1; \{2^2, 3^2, 8, 12, 24\})$	27648
24	$\mathcal{O}(1; \{2^3, 6, 8, 12, 24\})$	9216
24	$\mathcal{O}(1; \{4^2, 6, 8, 12, 24\})$	36864
24	$\mathcal{O}(1; \{3, 6^2, 8, 12, 24\})$	46080
24	$\mathcal{O}(1; \{3, 4, 8, 12^2, 24\})$	110592
24	$\mathcal{O}(1; \{2, 8, 12^3, 24\})$	110592
24	$\mathcal{O}(1; \{2^5, 3, 24^2\})$	4608
24	$\mathcal{O}(1; \{2, 3^4, 24^2\})$	50688
24	$\mathcal{O}(1; \{2^2, 3, 4^2, 24^2\})$	18432
24	$\mathcal{O}(1; \{2^2, 3^2, 6, 24^2\})$	23040
24	$\mathcal{O}(1; \{2^3, 6^2, 24^2\})$	13824
24	$\mathcal{O}(1; \{4^2, 6^2, 24^2\})$	55296
24	$\mathcal{O}(1; \{3, 6^3, 24^2\})$	50688
24	$\mathcal{O}(1; \{3, 4, 8^2, 24^2\})$	147456
24	$\mathcal{O}(1; \{2^3, 4, 12, 24^2\})$	18432
24	$\mathcal{O}(1; \{4^3, 12, 24^2\})$	73728
24	$\mathcal{O}(1; \{3, 4, 6, 12, 24^2\})$	92160
24	$\mathcal{O}(1; \{2, 8^2, 12, 24^2\})$	147456
24	$\mathcal{O}(1; \{3^2, 12^2, 24^2\})$	202752
24	$\mathcal{O}(1; \{2, 6, 12^2, 24^2\})$	92160
24	$\mathcal{O}(1; \{3^2, 8, 24^3\})$	368640

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2, 6, 8, 24^3\})$	221184
24	$\mathcal{O}(1; \{2, 4, 24^4\})$	442368
24	$\mathcal{O}(0; \{2^8, 3^2, 8^2\})$	8
24	$\mathcal{O}(0; \{2^4, 3^5, 8^2\})$	40
24	$\mathcal{O}(0; \{3^8, 8^2\})$	344
24	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 8^2\})$	32
24	$\mathcal{O}(0; \{2, 3^5, 4^2, 8^2\})$	160
24	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 8^2\})$	128
24	$\mathcal{O}(0; \{2^5, 3^3, 6, 8^2\})$	24
24	$\mathcal{O}(0; \{2, 3^6, 6, 8^2\})$	168
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6, 8^2\})$	96
24	$\mathcal{O}(0; \{2^6, 3, 6^2, 8^2\})$	8
24	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 8^2\})$	88
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^2, 8^2\})$	32
24	$\mathcal{O}(0; \{3, 4^4, 6^2, 8^2\})$	128
24	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 8^2\})$	40
24	$\mathcal{O}(0; \{3^2, 4^2, 6^3, 8^2\})$	160
24	$\mathcal{O}(0; \{2^4, 6^4, 8^2\})$	24
24	$\mathcal{O}(0; \{3^3, 6^4, 8^2\})$	168
24	$\mathcal{O}(0; \{2, 4^2, 6^4, 8^2\})$	96
24	$\mathcal{O}(0; \{2, 3, 6^5, 8^2\})$	88
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 8^4\})$	256
24	$\mathcal{O}(0; \{3^2, 4^3, 8^4\})$	1024
24	$\mathcal{O}(0; \{3^3, 4, 6, 8^4\})$	768
24	$\mathcal{O}(0; \{2, 3, 4, 6^2, 8^4\})$	256
24	$\mathcal{O}(0; \{2, 3^2, 8^6\})$	2048
24	$\mathcal{O}(0; \{2^6, 3, 4, 8^2, 12\})$	32
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 8^2, 12\})$	160
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 8^2, 12\})$	128
24	$\mathcal{O}(0; \{3, 4^5, 8^2, 12\})$	512
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6, 8^2, 12\})$	96
24	$\mathcal{O}(0; \{3^2, 4^3, 6, 8^2, 12\})$	384
24	$\mathcal{O}(0; \{2^4, 4, 6^2, 8^2, 12\})$	32
24	$\mathcal{O}(0; \{3^3, 4, 6^2, 8^2, 12\})$	352
24	$\mathcal{O}(0; \{2, 4^3, 6^2, 8^2, 12\})$	128
24	$\mathcal{O}(0; \{2, 3, 4, 6^3, 8^2, 12\})$	160
24	$\mathcal{O}(0; \{2^4, 3, 8^4, 12\})$	256
24	$\mathcal{O}(0; \{3^4, 8^4, 12\})$	1280
24	$\mathcal{O}(0; \{2, 3, 4^2, 8^4, 12\})$	1024
24	$\mathcal{O}(0; \{2, 3^2, 6, 8^4, 12\})$	768
24	$\mathcal{O}(0; \{2^2, 6^2, 8^4, 12\})$	256
24	$\mathcal{O}(0; \{2^7, 8^2, 12^2\})$	32
24	$\mathcal{O}(0; \{2^3, 3^3, 8^2, 12^2\})$	160

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 4^2, 8^2, 12^2\})$	128
24	$\mathcal{O}(0; \{3^3, 4^2, 8^2, 12^2\})$	640
24	$\mathcal{O}(0; \{2, 4^4, 8^2, 12^2\})$	512
24	$\mathcal{O}(0; \{2^4, 3, 6, 8^2, 12^2\})$	96
24	$\mathcal{O}(0; \{3^4, 6, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2, 3, 4^2, 6, 8^2, 12^2\})$	384
24	$\mathcal{O}(0; \{2, 3^2, 6^2, 8^2, 12^2\})$	352
24	$\mathcal{O}(0; \{2^2, 6^3, 8^2, 12^2\})$	160
24	$\mathcal{O}(0; \{2^2, 4, 8^4, 12^2\})$	1024
24	$\mathcal{O}(0; \{8^6, 12^2\})$	8192
24	$\mathcal{O}(0; \{2, 3^2, 4, 8^2, 12^3\})$	640
24	$\mathcal{O}(0; \{2^2, 4, 6, 8^2, 12^3\})$	384
24	$\mathcal{O}(0; \{6, 8^4, 12^3\})$	3072
24	$\mathcal{O}(0; \{2^2, 3, 8^2, 12^4\})$	640
24	$\mathcal{O}(0; \{6^2, 8^2, 12^4\})$	1408
24	$\mathcal{O}(0; \{4, 8^2, 12^5\})$	2560
24	$\mathcal{O}(0; \{2^5, 3^3, 4, 8, 24\})$	48
24	$\mathcal{O}(0; \{2, 3^6, 4, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 8, 24\})$	192
24	$\mathcal{O}(0; \{2^6, 3, 4, 6, 8, 24\})$	16
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 6, 8, 24\})$	176
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 6, 8, 24\})$	64
24	$\mathcal{O}(0; \{3, 4^5, 6, 8, 24\})$	256
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^2, 8, 24\})$	80
24	$\mathcal{O}(0; \{3^2, 4^3, 6^2, 8, 24\})$	320
24	$\mathcal{O}(0; \{2^4, 4, 6^3, 8, 24\})$	48
24	$\mathcal{O}(0; \{3^3, 4, 6^3, 8, 24\})$	336
24	$\mathcal{O}(0; \{2, 4^3, 6^3, 8, 24\})$	192
24	$\mathcal{O}(0; \{2, 3, 4, 6^4, 8, 24\})$	176
24	$\mathcal{O}(0; \{2^3, 3^3, 8^3, 24\})$	384
24	$\mathcal{O}(0; \{3^3, 4^2, 8^3, 24\})$	1536
24	$\mathcal{O}(0; \{2^4, 3, 6, 8^3, 24\})$	128
24	$\mathcal{O}(0; \{3^4, 6, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{2, 3, 4^2, 6, 8^3, 24\})$	512
24	$\mathcal{O}(0; \{2, 3^2, 6^2, 8^3, 24\})$	640
24	$\mathcal{O}(0; \{2^2, 6^3, 8^3, 24\})$	384
24	$\mathcal{O}(0; \{2^6, 3^2, 8, 12, 24\})$	48
24	$\mathcal{O}(0; \{2^2, 3^5, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 8, 12, 24\})$	192
24	$\mathcal{O}(0; \{3^2, 4^4, 8, 12, 24\})$	768
24	$\mathcal{O}(0; \{2^7, 6, 8, 12, 24\})$	16
24	$\mathcal{O}(0; \{2^3, 3^3, 6, 8, 12, 24\})$	176
24	$\mathcal{O}(0; \{2^4, 4^2, 6, 8, 12, 24\})$	64

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^3, 4^2, 6, 8, 12, 24\})$	704
24	$\mathcal{O}(0; \{2, 4^4, 6, 8, 12, 24\})$	256
24	$\mathcal{O}(0; \{2^4, 3, 6^2, 8, 12, 24\})$	80
24	$\mathcal{O}(0; \{3^4, 6^2, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^2, 8, 12, 24\})$	320
24	$\mathcal{O}(0; \{2, 3^2, 6^3, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{2^2, 6^4, 8, 12, 24\})$	176
24	$\mathcal{O}(0; \{2, 3^2, 4, 8^3, 12, 24\})$	1536
24	$\mathcal{O}(0; \{2^2, 4, 6, 8^3, 12, 24\})$	512
24	$\mathcal{O}(0; \{6, 8^5, 12, 24\})$	4096
24	$\mathcal{O}(0; \{2^4, 3, 4, 8, 12^2, 24\})$	192
24	$\mathcal{O}(0; \{3^4, 4, 8, 12^2, 24\})$	1344
24	$\mathcal{O}(0; \{2, 3, 4^3, 8, 12^2, 24\})$	768
24	$\mathcal{O}(0; \{2, 3^2, 4, 6, 8, 12^2, 24\})$	704
24	$\mathcal{O}(0; \{2^2, 4, 6^2, 8, 12^2, 24\})$	320
24	$\mathcal{O}(0; \{2^2, 3, 8^3, 12^2, 24\})$	1536
24	$\mathcal{O}(0; \{6^2, 8^3, 12^2, 24\})$	2560
24	$\mathcal{O}(0; \{2^5, 8, 12^3, 24\})$	192
24	$\mathcal{O}(0; \{2, 3^3, 8, 12^3, 24\})$	1344
24	$\mathcal{O}(0; \{2^2, 4^2, 8, 12^3, 24\})$	768
24	$\mathcal{O}(0; \{2^2, 3, 6, 8, 12^3, 24\})$	704
24	$\mathcal{O}(0; \{6^3, 8, 12^3, 24\})$	1344
24	$\mathcal{O}(0; \{4, 8^3, 12^3, 24\})$	6144
24	$\mathcal{O}(0; \{4, 6, 8, 12^4, 24\})$	2816
24	$\mathcal{O}(0; \{3, 8, 12^5, 24\})$	5376
24	$\mathcal{O}(0; \{2^9, 3, 24^2\})$	8
24	$\mathcal{O}(0; \{2^5, 3^4, 24^2\})$	88
24	$\mathcal{O}(0; \{2, 3^7, 24^2\})$	680
24	$\mathcal{O}(0; \{2^6, 3, 4^2, 24^2\})$	32
24	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 24^2\})$	352
24	$\mathcal{O}(0; \{2^3, 3, 4^4, 24^2\})$	128
24	$\mathcal{O}(0; \{3, 4^6, 24^2\})$	512
24	$\mathcal{O}(0; \{2^6, 3^2, 6, 24^2\})$	40
24	$\mathcal{O}(0; \{2^2, 3^5, 6, 24^2\})$	344
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6, 24^2\})$	160
24	$\mathcal{O}(0; \{3^2, 4^4, 6, 24^2\})$	640
24	$\mathcal{O}(0; \{2^7, 6^2, 24^2\})$	24
24	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 24^2\})$	168
24	$\mathcal{O}(0; \{2^4, 4^2, 6^2, 24^2\})$	96
24	$\mathcal{O}(0; \{3^3, 4^2, 6^2, 24^2\})$	672
24	$\mathcal{O}(0; \{2, 4^4, 6^2, 24^2\})$	384
24	$\mathcal{O}(0; \{2^4, 3, 6^3, 24^2\})$	88
24	$\mathcal{O}(0; \{3^4, 6^3, 24^2\})$	680

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^3, 24^2\})$	352
24	$\mathcal{O}(0; \{2, 3^2, 6^4, 24^2\})$	344
24	$\mathcal{O}(0; \{2^2, 6^5, 24^2\})$	168
24	$\mathcal{O}(0; \{2^4, 3, 4, 8^2, 24^2\})$	256
24	$\mathcal{O}(0; \{3^4, 4, 8^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2, 3, 4^3, 8^2, 24^2\})$	1024
24	$\mathcal{O}(0; \{2, 3^2, 4, 6, 8^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^2, 4, 6^2, 8^2, 24^2\})$	768
24	$\mathcal{O}(0; \{2^2, 3, 8^4, 24^2\})$	2048
24	$\mathcal{O}(0; \{6^2, 8^4, 24^2\})$	6144
24	$\mathcal{O}(0; \{2^7, 4, 12, 24^2\})$	32
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 12, 24^2\})$	352
24	$\mathcal{O}(0; \{2^4, 4^3, 12, 24^2\})$	128
24	$\mathcal{O}(0; \{3^3, 4^3, 12, 24^2\})$	1408
24	$\mathcal{O}(0; \{2, 4^5, 12, 24^2\})$	512
24	$\mathcal{O}(0; \{2^4, 3, 4, 6, 12, 24^2\})$	160
24	$\mathcal{O}(0; \{3^4, 4, 6, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2, 3, 4^3, 6, 12, 24^2\})$	640
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^2, 12, 24^2\})$	672
24	$\mathcal{O}(0; \{2^2, 4, 6^3, 12, 24^2\})$	352
24	$\mathcal{O}(0; \{2^5, 8^2, 12, 24^2\})$	256
24	$\mathcal{O}(0; \{2, 3^3, 8^2, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^2, 4^2, 8^2, 12, 24^2\})$	1024
24	$\mathcal{O}(0; \{2^2, 3, 6, 8^2, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{6^3, 8^2, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{4, 8^4, 12, 24^2\})$	8192
24	$\mathcal{O}(0; \{2^4, 3^2, 12^2, 24^2\})$	352
24	$\mathcal{O}(0; \{3^5, 12^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 12^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^5, 6, 12^2, 24^2\})$	160
24	$\mathcal{O}(0; \{2, 3^3, 6, 12^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^2, 4^2, 6, 12^2, 24^2\})$	640
24	$\mathcal{O}(0; \{2^2, 3, 6^2, 12^2, 24^2\})$	672
24	$\mathcal{O}(0; \{6^4, 12^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{4, 6, 8^2, 12^2, 24^2\})$	5120
24	$\mathcal{O}(0; \{2^2, 3, 4, 12^3, 24^2\})$	1408
24	$\mathcal{O}(0; \{4, 6^2, 12^3, 24^2\})$	2688
24	$\mathcal{O}(0; \{3, 8^2, 12^3, 24^2\})$	11264
24	$\mathcal{O}(0; \{2^3, 12^4, 24^2\})$	1408
24	$\mathcal{O}(0; \{4^2, 12^4, 24^2\})$	5632
24	$\mathcal{O}(0; \{3, 6, 12^4, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^4, 3^2, 8, 24^3\})$	640
24	$\mathcal{O}(0; \{3^5, 8, 24^3\})$	5504

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 8, 24^3\})$	2560
24	$\mathcal{O}(0; \{2^5, 6, 8, 24^3\})$	384
24	$\mathcal{O}(0; \{2, 3^3, 6, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{2^2, 4^2, 6, 8, 24^3\})$	1536
24	$\mathcal{O}(0; \{2^2, 3, 6^2, 8, 24^3\})$	1408
24	$\mathcal{O}(0; \{6^4, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{4, 6, 8^3, 24^3\})$	12288
24	$\mathcal{O}(0; \{2^2, 3, 4, 8, 12, 24^3\})$	2560
24	$\mathcal{O}(0; \{4, 6^2, 8, 12, 24^3\})$	5632
24	$\mathcal{O}(0; \{3, 8^3, 12, 24^3\})$	20480
24	$\mathcal{O}(0; \{2^3, 8, 12^2, 24^3\})$	2560
24	$\mathcal{O}(0; \{4^2, 8, 12^2, 24^3\})$	10240
24	$\mathcal{O}(0; \{3, 6, 8, 12^2, 24^3\})$	10752
24	$\mathcal{O}(0; \{2^5, 4, 24^4\})$	768
24	$\mathcal{O}(0; \{2, 3^3, 4, 24^4\})$	5376
24	$\mathcal{O}(0; \{2^2, 4^3, 24^4\})$	3072
24	$\mathcal{O}(0; \{2^2, 3, 4, 6, 24^4\})$	2816
24	$\mathcal{O}(0; \{4, 6^3, 24^4\})$	5376
24	$\mathcal{O}(0; \{2^3, 8^2, 24^4\})$	6144
24	$\mathcal{O}(0; \{4^2, 8^2, 24^4\})$	24576
24	$\mathcal{O}(0; \{3, 6, 8^2, 24^4\})$	22528
24	$\mathcal{O}(0; \{2^2, 3^2, 12, 24^4\})$	5376
24	$\mathcal{O}(0; \{2^3, 6, 12, 24^4\})$	2816
24	$\mathcal{O}(0; \{4^2, 6, 12, 24^4\})$	11264
24	$\mathcal{O}(0; \{3, 6^2, 12, 24^4\})$	11008
24	$\mathcal{O}(0; \{3, 4, 12^2, 24^4\})$	21504
24	$\mathcal{O}(0; \{2, 12^3, 24^4\})$	21504
24	$\mathcal{O}(0; \{3, 4, 8, 24^5\})$	45056
24	$\mathcal{O}(0; \{2, 8, 12, 24^5\})$	45056
24	$\mathcal{O}(0; \{3^2, 24^6\})$	88064
24	$\mathcal{O}(0; \{2, 6, 24^6\})$	43008
25	$\mathcal{O}(2; \{25^3\})$	117187500
25	$\mathcal{O}(0; \{5^5, 25^3\})$	307200
26	$\mathcal{O}(1; \{2^2, 13^4\})$	1078896
26	$\mathcal{O}(1; \{13^3, 26^2\})$	12938640
26	$\mathcal{O}(0; \{2^6, 13^4\})$	1596
26	$\mathcal{O}(0; \{2^4, 13^3, 26^2\})$	19140
26	$\mathcal{O}(0; \{2^2, 13^2, 26^4\})$	229692
26	$\mathcal{O}(0; \{13, 26^6\})$	2756292
27	$\mathcal{O}(1; \{3, 27^4\})$	6377292
27	$\mathcal{O}(0; \{3^4, 27^4\})$	69984
27	$\mathcal{O}(0; \{9^3, 27^4\})$	944784
28	$\mathcal{O}(1; \{2^2, 4^2, 14^2\})$	9408

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(1; \{4, 7^2, 14, 28\})$	291648
28	$\mathcal{O}(1; \{2^3, 14, 28^2\})$	47040
28	$\mathcal{O}(1; \{4^2, 14, 28^2\})$	188160
28	$\mathcal{O}(1; \{2, 28^4\})$	1166592
28	$\mathcal{O}(0; \{2, 4^2, 7^4, 14\})$	2220
28	$\mathcal{O}(0; \{2^6, 4^2, 14^2\})$	12
28	$\mathcal{O}(0; \{2^3, 4^4, 14^2\})$	48
28	$\mathcal{O}(0; \{4^6, 14^2\})$	192
28	$\mathcal{O}(0; \{2^4, 4, 7^2, 14, 28\})$	372
28	$\mathcal{O}(0; \{2, 4^3, 7^2, 14, 28\})$	1488
28	$\mathcal{O}(0; \{2^2, 4, 7, 14^3, 28\})$	2220
28	$\mathcal{O}(0; \{4, 14^5, 28\})$	13332
28	$\mathcal{O}(0; \{2^2, 7^4, 28^2\})$	13332
28	$\mathcal{O}(0; \{2^7, 14, 28^2\})$	60
28	$\mathcal{O}(0; \{2^4, 4^2, 14, 28^2\})$	240
28	$\mathcal{O}(0; \{2, 4^4, 14, 28^2\})$	960
28	$\mathcal{O}(0; \{7^3, 14^2, 28^2\})$	79980
28	$\mathcal{O}(0; \{2^2, 4, 7^2, 28^3\})$	8880
28	$\mathcal{O}(0; \{4, 7, 14^2, 28^3\})$	53328
28	$\mathcal{O}(0; \{2^5, 28^4\})$	1488
28	$\mathcal{O}(0; \{2^2, 4^2, 28^4\})$	5952
30	$\mathcal{O}(1; \{5^3, 6^2\})$	21600
30	$\mathcal{O}(1; \{2^2, 3^2, 5, 15\})$	7200
30	$\mathcal{O}(1; \{2^3, 5, 6, 15\})$	7200
30	$\mathcal{O}(1; \{3, 5, 6^2, 15\})$	21600
30	$\mathcal{O}(1; \{3^2, 10^2, 15\})$	21600
30	$\mathcal{O}(1; \{2, 6, 10^2, 15\})$	21600
30	$\mathcal{O}(1; \{2, 5, 10, 15^2\})$	93600
30	$\mathcal{O}(1; \{3, 5^2, 6, 30\})$	21600
30	$\mathcal{O}(1; \{2^3, 3, 15, 30\})$	7200
30	$\mathcal{O}(1; \{3^2, 6, 15, 30\})$	36000
30	$\mathcal{O}(1; \{2, 6^2, 15, 30\})$	21600
30	$\mathcal{O}(1; \{3^2, 5, 30^2\})$	64800
30	$\mathcal{O}(1; \{2, 5, 6, 30^2\})$	21600
30	$\mathcal{O}(1; \{2, 3, 30^3\})$	64800
30	$\mathcal{O}(0; \{2^2, 3^4, 5^3\})$	72
30	$\mathcal{O}(0; \{2^3, 3^2, 5^3, 6\})$	24
30	$\mathcal{O}(0; \{2^4, 5^3, 6^2\})$	24
30	$\mathcal{O}(0; \{3^3, 5^3, 6^2\})$	120
30	$\mathcal{O}(0; \{2, 3, 5^3, 6^3\})$	72
30	$\mathcal{O}(0; \{3^4, 5^2, 10^2\})$	312
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 6, 10^2\})$	104
30	$\mathcal{O}(0; \{2^2, 5^2, 6^2, 10^2\})$	104

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Table 2 – continued from previous page

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

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Table 2 – continued from previous page

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

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2, 5, 10, 30^4\})$	4920
31	$\mathcal{O}(2; \{31^2\})$	27705630
32	$\mathcal{O}(1; \{2^2, 8, 32^2\})$	65536
32	$\mathcal{O}(1; \{16^2, 32^2\})$	1048576
32	$\mathcal{O}(0; \{2^6, 8, 32^2\})$	64
32	$\mathcal{O}(0; \{2^3, 4^2, 8, 32^2\})$	256
32	$\mathcal{O}(0; \{4^4, 8, 32^2\})$	1024
32	$\mathcal{O}(0; \{2, 4, 8^3, 32^2\})$	2048
32	$\mathcal{O}(0; \{2^4, 16^2, 32^2\})$	1024
32	$\mathcal{O}(0; \{2, 4^2, 16^2, 32^2\})$	4096
32	$\mathcal{O}(0; \{2^2, 16, 32^4\})$	32768
32	$\mathcal{O}(0; \{32^6\})$	1048576
33	$\mathcal{O}(0; \{3^3, 11^3, 33\})$	5460
33	$\mathcal{O}(0; \{11^2, 33^4\})$	545460
35	$\mathcal{O}(1; \{5, 7^2, 35\})$	147000
35	$\mathcal{O}(0; \{7^3, 35^3\})$	79992
35	$\mathcal{O}(0; \{5^2, 35^4\})$	152520
36	$\mathcal{O}(1; \{4^2, 18^2\})$	15552
36	$\mathcal{O}(1; \{2, 18, 36^2\})$	46656
36	$\mathcal{O}(0; \{9^4, 12^2\})$	1296
36	$\mathcal{O}(0; \{2, 3, 4^2, 9^2, 18\})$	72
36	$\mathcal{O}(0; \{2^2, 4, 9^2, 12, 18\})$	72
36	$\mathcal{O}(0; \{6, 9^2, 12^2, 18\})$	288
36	$\mathcal{O}(0; \{2^4, 4^2, 18^2\})$	12
36	$\mathcal{O}(0; \{3^3, 4^2, 18^2\})$	96
36	$\mathcal{O}(0; \{2, 4^4, 18^2\})$	48
36	$\mathcal{O}(0; \{2, 3, 4^2, 6, 18^2\})$	48
36	$\mathcal{O}(0; \{2, 3^2, 4, 12, 18^2\})$	96
36	$\mathcal{O}(0; \{2^2, 4, 6, 12, 18^2\})$	48
36	$\mathcal{O}(0; \{2^2, 3, 12^2, 18^2\})$	96
36	$\mathcal{O}(0; \{6^2, 12^2, 18^2\})$	192
36	$\mathcal{O}(0; \{4, 12^3, 18^2\})$	384
36	$\mathcal{O}(0; \{4, 9, 12, 18^3\})$	648
36	$\mathcal{O}(0; \{2^2, 4, 9^3, 36\})$	324
36	$\mathcal{O}(0; \{6, 9^3, 12, 36\})$	1296
36	$\mathcal{O}(0; \{2, 3^2, 4, 9, 18, 36\})$	144
36	$\mathcal{O}(0; \{2^2, 4, 6, 9, 18, 36\})$	72
36	$\mathcal{O}(0; \{2^2, 3, 9, 12, 18, 36\})$	144
36	$\mathcal{O}(0; \{6^2, 9, 12, 18, 36\})$	288
36	$\mathcal{O}(0; \{4, 9, 12^2, 18, 36\})$	576
36	$\mathcal{O}(0; \{4, 9^2, 18^2, 36\})$	1620
36	$\mathcal{O}(0; \{4, 6, 18^3, 36\})$	648
36	$\mathcal{O}(0; \{3, 12, 18^3, 36\})$	1296

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2^2, 3, 9^2, 36^2\})$	648
36	$\mathcal{O}(0; \{6^2, 9^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{4, 9^2, 12, 36^2\})$	2592
36	$\mathcal{O}(0; \{2^5, 18, 36^2\})$	36
36	$\mathcal{O}(0; \{2, 3^3, 18, 36^2\})$	288
36	$\mathcal{O}(0; \{2^2, 4^2, 18, 36^2\})$	144
36	$\mathcal{O}(0; \{2^2, 3, 6, 18, 36^2\})$	144
36	$\mathcal{O}(0; \{6^3, 18, 36^2\})$	288
36	$\mathcal{O}(0; \{4, 6, 12, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{3, 12^2, 18, 36^2\})$	1152
36	$\mathcal{O}(0; \{3, 9, 18^2, 36^2\})$	3240
36	$\mathcal{O}(0; \{4, 6, 9, 36^3\})$	2592
36	$\mathcal{O}(0; \{3, 9, 12, 36^3\})$	5184
36	$\mathcal{O}(0; \{2^3, 36^4\})$	1296
36	$\mathcal{O}(0; \{4^2, 36^4\})$	5184
36	$\mathcal{O}(0; \{3, 6, 36^4\})$	5184
39	$\mathcal{O}(0; \{3^2, 13^2, 39^2\})$	9576
40	$\mathcal{O}(0; \{5^3, 8^2, 10\})$	208
40	$\mathcal{O}(0; \{2^3, 8^2, 10^2\})$	16
40	$\mathcal{O}(0; \{4^2, 8^2, 10^2\})$	64
40	$\mathcal{O}(0; \{4, 5^2, 8^2, 20\})$	192
40	$\mathcal{O}(0; \{2, 8^2, 10, 20^2\})$	192
40	$\mathcal{O}(0; \{5^4, 8, 40\})$	816
40	$\mathcal{O}(0; \{2^3, 5, 8, 10, 40\})$	48
40	$\mathcal{O}(0; \{4^2, 5, 8, 10, 40\})$	192
40	$\mathcal{O}(0; \{2, 8, 10^3, 40\})$	208
40	$\mathcal{O}(0; \{2^3, 4, 8, 20, 40\})$	64
40	$\mathcal{O}(0; \{4^3, 8, 20, 40\})$	256
40	$\mathcal{O}(0; \{2, 8^3, 20, 40\})$	512
40	$\mathcal{O}(0; \{2, 5, 8, 20^2, 40\})$	832
40	$\mathcal{O}(0; \{2^3, 5^2, 40^2\})$	208
40	$\mathcal{O}(0; \{4^2, 5^2, 40^2\})$	832
40	$\mathcal{O}(0; \{2, 5, 10^2, 40^2\})$	816
40	$\mathcal{O}(0; \{2, 4, 10, 20, 40^2\})$	832
40	$\mathcal{O}(0; \{2, 4, 8, 40^3\})$	1536
42	$\mathcal{O}(1; \{2^2, 21^2\})$	21168
42	$\mathcal{O}(1; \{21, 42^2\})$	105840
42	$\mathcal{O}(0; \{2^2, 3^2, 7^3\})$	60
42	$\mathcal{O}(0; \{3, 6^2, 7^3\})$	60
42	$\mathcal{O}(0; \{3^2, 7^2, 14^2\})$	372
42	$\mathcal{O}(0; \{2^3, 3, 7, 14, 21\})$	60
42	$\mathcal{O}(0; \{3^2, 6, 7, 14, 21\})$	180
42	$\mathcal{O}(0; \{2, 6^2, 7, 14, 21\})$	60

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{2, 3, 14^3, 21\})$	372
42	$\mathcal{O}(0; \{2^6, 21^2\})$	12
42	$\mathcal{O}(0; \{2^2, 3^3, 21^2\})$	60
42	$\mathcal{O}(0; \{2^3, 3, 6, 21^2\})$	36
42	$\mathcal{O}(0; \{3^2, 6^2, 21^2\})$	132
42	$\mathcal{O}(0; \{2, 6^3, 21^2\})$	60
42	$\mathcal{O}(0; \{2^2, 3^3, 14, 42\})$	36
42	$\mathcal{O}(0; \{2^3, 3, 6, 14, 42\})$	12
42	$\mathcal{O}(0; \{3^2, 6^2, 14, 42\})$	60
42	$\mathcal{O}(0; \{2, 6^3, 14, 42\})$	36
42	$\mathcal{O}(0; \{2, 3, 7, 21^2, 42\})$	1116
42	$\mathcal{O}(0; \{2, 3, 7, 14, 42^2\})$	372
42	$\mathcal{O}(0; \{2^4, 21, 42^2\})$	60
42	$\mathcal{O}(0; \{3^3, 21, 42^2\})$	660
42	$\mathcal{O}(0; \{2, 3, 6, 21, 42^2\})$	300
42	$\mathcal{O}(0; \{2^2, 42^4\})$	1116
44	$\mathcal{O}(0; \{2, 4^2, 11^2, 22\})$	180
44	$\mathcal{O}(0; \{2^2, 11^2, 44^2\})$	1820
44	$\mathcal{O}(0; \{11, 22^2, 44^2\})$	18180
45	$\mathcal{O}(0; \{3^2, 5^2, 9^2\})$	96
45	$\mathcal{O}(0; \{9, 15^2, 45^2\})$	3744
45	$\mathcal{O}(0; \{9^2, 45^3\})$	9720
45	$\mathcal{O}(0; \{5, 45^4\})$	33048
48	$\mathcal{O}(0; \{3^4, 16^2\})$	48
48	$\mathcal{O}(0; \{2, 3^2, 6, 16^2\})$	16
48	$\mathcal{O}(0; \{2^2, 6^2, 16^2\})$	16
48	$\mathcal{O}(0; \{6, 12^2, 16^2\})$	64
48	$\mathcal{O}(0; \{6, 8, 16^2, 24\})$	256
48	$\mathcal{O}(0; \{4, 16^2, 24^2\})$	512
48	$\mathcal{O}(0; \{6, 8, 12, 16, 48\})$	128
48	$\mathcal{O}(0; \{2^2, 3, 16, 24, 48\})$	64
48	$\mathcal{O}(0; \{6^2, 16, 24, 48\})$	192
48	$\mathcal{O}(0; \{4, 12, 16, 24, 48\})$	256
48	$\mathcal{O}(0; \{2, 3^2, 4, 48^2\})$	96
48	$\mathcal{O}(0; \{2^2, 4, 6, 48^2\})$	32
48	$\mathcal{O}(0; \{6, 8^2, 48^2\})$	256
48	$\mathcal{O}(0; \{2^2, 3, 12, 48^2\})$	96
48	$\mathcal{O}(0; \{6^2, 12, 48^2\})$	160
48	$\mathcal{O}(0; \{4, 12^2, 48^2\})$	384
48	$\mathcal{O}(0; \{4, 8, 24, 48^2\})$	512
48	$\mathcal{O}(0; \{3, 24^2, 48^2\})$	1280
48	$\mathcal{O}(0; \{3, 16, 48^3\})$	3072
50	$\mathcal{O}(1; \{2, 25, 50\})$	50000

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
50	$\mathcal{O}(0; \{2^5, 25, 50\})$	20
50	$\mathcal{O}(0; \{5^2, 10, 25, 50\})$	1280
50	$\mathcal{O}(0; \{2^3, 50^3\})$	300
52	$\mathcal{O}(0; \{2^2, 4^2, 13^2\})$	24
52	$\mathcal{O}(0; \{4^2, 13, 26^2\})$	264
52	$\mathcal{O}(0; \{2, 13, 26, 52^2\})$	3192
54	$\mathcal{O}(0; \{2^2, 3^2, 27^2\})$	72
54	$\mathcal{O}(0; \{2^3, 6, 27^2\})$	36
54	$\mathcal{O}(0; \{3, 6^2, 27^2\})$	144
54	$\mathcal{O}(0; \{2, 9, 18, 27^2\})$	648
54	$\mathcal{O}(0; \{3^2, 27, 54^2\})$	648
54	$\mathcal{O}(0; \{2, 6, 27, 54^2\})$	324
55	$\mathcal{O}(0; \{5^3, 11^2\})$	120
56	$\mathcal{O}(0; \{2, 8^2, 28^2\})$	96
56	$\mathcal{O}(0; \{2, 7, 8, 28, 56\})$	240
56	$\mathcal{O}(0; \{2, 7^2, 56^2\})$	744
56	$\mathcal{O}(0; \{2, 4, 28, 56^2\})$	480
60	$\mathcal{O}(0; \{3, 4, 5, 10, 12\})$	16
60	$\mathcal{O}(0; \{2, 5, 10, 12^2\})$	16
60	$\mathcal{O}(0; \{3, 4^2, 15^2\})$	16
60	$\mathcal{O}(0; \{2, 4, 12, 15^2\})$	16
60	$\mathcal{O}(0; \{3^2, 5, 20^2\})$	48
60	$\mathcal{O}(0; \{3, 4^2, 10, 30\})$	16
60	$\mathcal{O}(0; \{2, 4, 10, 12, 30\})$	16
60	$\mathcal{O}(0; \{2, 3, 20^2, 30\})$	48
60	$\mathcal{O}(0; \{3, 4, 5, 6, 60\})$	16
60	$\mathcal{O}(0; \{3^2, 5, 12, 60\})$	48
60	$\mathcal{O}(0; \{2, 5, 6, 12, 60\})$	16
60	$\mathcal{O}(0; \{2, 3, 15, 20, 60\})$	48
60	$\mathcal{O}(0; \{3^2, 4, 30, 60\})$	48
60	$\mathcal{O}(0; \{2, 4, 6, 30, 60\})$	16
60	$\mathcal{O}(0; \{2, 3, 12, 30, 60\})$	48
60	$\mathcal{O}(0; \{2, 3, 10, 60^2\})$	48
61	$\mathcal{O}(2; \emptyset)$	13845840
62	$\mathcal{O}(1; \{62^2\})$	115320
62	$\mathcal{O}(0; \{2^4, 62^2\})$	30
63	$\mathcal{O}(0; \{63^4\})$	30132
64	$\mathcal{O}(0; \{2^2, 16, 64^2\})$	256
64	$\mathcal{O}(0; \{32^2, 64^2\})$	8192
65	$\mathcal{O}(0; \{13, 65^3\})$	19152
66	$\mathcal{O}(0; \{2^2, 11, 33^2\})$	180
66	$\mathcal{O}(0; \{22^2, 33^2\})$	1820
66	$\mathcal{O}(0; \{11, 33, 66^2\})$	1820

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
70	$\mathcal{O}(0; \{2^2, 5, 35^2\})$	72
70	$\mathcal{O}(0; \{10^2, 35^2\})$	312
70	$\mathcal{O}(0; \{2^2, 7, 10, 70\})$	24
70	$\mathcal{O}(0; \{10, 14^2, 70\})$	120
70	$\mathcal{O}(0; \{7, 14, 35, 70\})$	744
70	$\mathcal{O}(0; \{5, 35, 70^2\})$	1560
72	$\mathcal{O}(0; \{9^2, 24^2\})$	96
72	$\mathcal{O}(0; \{8, 9, 24, 36\})$	96
72	$\mathcal{O}(0; \{8^2, 36^2\})$	96
72	$\mathcal{O}(0; \{8, 9, 18, 72\})$	72
72	$\mathcal{O}(0; \{6, 9, 72^2\})$	144
72	$\mathcal{O}(0; \{4, 36, 72^2\})$	288
75	$\mathcal{O}(0; \{3, 75^3\})$	1800
78	$\mathcal{O}(0; \{2^2, 3, 13, 39\})$	24
78	$\mathcal{O}(0; \{6^2, 13, 39\})$	24
78	$\mathcal{O}(0; \{3, 26^2, 39\})$	264
78	$\mathcal{O}(0; \{3, 13, 78^2\})$	264
80	$\mathcal{O}(0; \{5^2, 16, 80\})$	96
80	$\mathcal{O}(0; \{4, 5, 80^2\})$	192
84	$\mathcal{O}(0; \{4^2, 42^2\})$	24
84	$\mathcal{O}(0; \{3, 6, 28, 84\})$	24
84	$\mathcal{O}(0; \{2, 42, 84^2\})$	120
88	$\mathcal{O}(0; \{2, 11, 88^2\})$	360
90	$\mathcal{O}(0; \{2, 15, 18, 45\})$	48
90	$\mathcal{O}(0; \{2, 10, 45^2\})$	72
90	$\mathcal{O}(0; \{2, 9, 45, 90\})$	72
93	$\mathcal{O}(0; \{3^2, 93^2\})$	180
96	$\mathcal{O}(0; \{3^2, 32^2\})$	32
100	$\mathcal{O}(0; \{2, 4, 50, 100\})$	40
122	$\mathcal{O}(1; \{2^2\})$	14880
124	$\mathcal{O}(0; \{2^2, 124^2\})$	60
125	$\mathcal{O}(0; \{125^3\})$	7500
126	$\mathcal{O}(0; \{2^2, 63^2\})$	36
126	$\mathcal{O}(0; \{63, 126^2\})$	540
128	$\mathcal{O}(0; \{32, 128^2\})$	1024
130	$\mathcal{O}(0; \{26, 65, 130\})$	528
140	$\mathcal{O}(0; \{14, 20, 140\})$	48
150	$\mathcal{O}(0; \{6, 75, 150\})$	40
155	$\mathcal{O}(0; \{5, 155^2\})$	360
160	$\mathcal{O}(0; \{5, 32, 160\})$	64
186	$\mathcal{O}(0; \{3, 186^2\})$	60
248	$\mathcal{O}(0; \{2, 248^2\})$	120
250	$\mathcal{O}(0; \{2, 125, 250\})$	100

Table 3: 63-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(63; \emptyset)$	1
2	$\mathcal{O}(32; \emptyset)$	18446744073709551615
2	$\mathcal{O}(31; \{2^4\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^8\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{12}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{16}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{20}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{24}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{28}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{32}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{36}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{40}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{44}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{48}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{52}\})$	274877906944
2	$\mathcal{O}(18; \{2^{56}\})$	68719476736
2	$\mathcal{O}(17; \{2^{60}\})$	17179869184
2	$\mathcal{O}(16; \{2^{64}\})$	4294967296
2	$\mathcal{O}(15; \{2^{68}\})$	1073741824
2	$\mathcal{O}(14; \{2^{72}\})$	268435456
2	$\mathcal{O}(13; \{2^{76}\})$	67108864
2	$\mathcal{O}(12; \{2^{80}\})$	16777216
2	$\mathcal{O}(11; \{2^{84}\})$	4194304
2	$\mathcal{O}(10; \{2^{88}\})$	1048576
2	$\mathcal{O}(9; \{2^{92}\})$	262144
2	$\mathcal{O}(8; \{2^{96}\})$	65536
2	$\mathcal{O}(7; \{2^{100}\})$	16384
2	$\mathcal{O}(6; \{2^{104}\})$	4096
2	$\mathcal{O}(5; \{2^{108}\})$	1024
2	$\mathcal{O}(4; \{2^{112}\})$	256
2	$\mathcal{O}(3; \{2^{116}\})$	64
2	$\mathcal{O}(2; \{2^{120}\})$	16
2	$\mathcal{O}(1; \{2^{124}\})$	4
2	$\mathcal{O}(0; \{2^{128}\})$	1
3	$\mathcal{O}(21; \{3^2\})$	218837978263024718418
3	$\mathcal{O}(20; \{3^5\})$	121576654590569288010
3	$\mathcal{O}(19; \{3^8\})$	116173247719877319654
3	$\mathcal{O}(18; \{3^{11}\})$	102364541272553400522
3	$\mathcal{O}(17; \{3^{14}\})$	91090766443578799878
3	$\mathcal{O}(16; \{3^{17}\})$	80958452050936933290

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(15; \{3^{20}\})$	71964303836514286374
3	$\mathcal{O}(14; \{3^{23}\})$	63968132816146858122
3	$\mathcal{O}(13; \{3^{26}\})$	56860577754436621638
3	$\mathcal{O}(12; \{3^{29}\})$	50542734087144222570
3	$\mathcal{O}(11; \{3^{32}\})$	44926874932414555494
3	$\mathcal{O}(10; \{3^{35}\})$	39934999919003342922
3	$\mathcal{O}(9; \{3^{38}\})$	35497777708105272198
3	$\mathcal{O}(8; \{3^{41}\})$	31553580184724183850
3	$\mathcal{O}(7; \{3^{44}\})$	28047626830894639014
3	$\mathcal{O}(6; \{3^{47}\})$	24931223849680934922
3	$\mathcal{O}(5; \{3^{50}\})$	22161087866383407558
3	$\mathcal{O}(4; \{3^{53}\})$	19698744770118545130
3	$\mathcal{O}(3; \{3^{56}\})$	17509995351216488934
3	$\mathcal{O}(2; \{3^{59}\})$	15564440312192434122
3	$\mathcal{O}(1; \{3^{62}\})$	13835058055282163718
3	$\mathcal{O}(0; \{3^{65}\})$	12297829382473034410
4	$\mathcal{O}(16; \{2^2\})$	18446744069414584320
4	$\mathcal{O}(15; \{2^6\})$	1152921503533105152
4	$\mathcal{O}(15; \{2^3, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{4^4\})$	9223372036854775808
4	$\mathcal{O}(14; \{2^{10}\})$	72057593769492480
4	$\mathcal{O}(14; \{2^7, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^4, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2, 4^6\})$	2305843009213693952
4	$\mathcal{O}(13; \{2^{14}\})$	4503599560261632
4	$\mathcal{O}(13; \{2^{11}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^8, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^5, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^2, 4^8\})$	576460752303423488
4	$\mathcal{O}(12; \{2^{18}\})$	281474959933440
4	$\mathcal{O}(12; \{2^{15}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{12}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^9, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^6, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^3, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{4^{12}\})$	576460752303423488
4	$\mathcal{O}(11; \{2^{22}\})$	17592181850112
4	$\mathcal{O}(11; \{2^{19}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{16}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{13}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{10}, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^7, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^4, 4^{12}\})$	36028797018963968

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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	$\mathcal{O}(11; \{2, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(10; \{2^{26}\})$	1099510579200
4	$\mathcal{O}(10; \{2^{23}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{20}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{17}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{14}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^{11}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^8, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^5, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^2, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(9; \{2^{30}\})$	68719214592
4	$\mathcal{O}(9; \{2^{27}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{24}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{21}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{18}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{15}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{12}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^9, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^6, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^3, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(9; \{4^{20}\})$	36028797018963968
4	$\mathcal{O}(8; \{2^{34}\})$	4294901760
4	$\mathcal{O}(8; \{2^{31}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{28}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{25}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{22}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{19}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{16}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{13}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^{10}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^7, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^4, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(7; \{2^{38}\})$	268419072
4	$\mathcal{O}(7; \{2^{35}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{32}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{29}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{26}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{23}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{20}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{17}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{14}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{11}, 4^{18}\})$	35184372088832

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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	$\mathcal{O}(7; \{2^8, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^5, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^2, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(6; \{2^{42}\})$	16773120
4	$\mathcal{O}(6; \{2^{39}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{36}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{33}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{30}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{27}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{24}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{21}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{18}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{15}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{12}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^9, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^6, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^3, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{4^{28}\})$	2251799813685248
4	$\mathcal{O}(5; \{2^{46}\})$	1047552
4	$\mathcal{O}(5; \{2^{43}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{40}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{37}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{34}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{31}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{28}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{25}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{22}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{19}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{16}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{13}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{10}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^7, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^4, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2, 4^{30}\})$	562949953421312
4	$\mathcal{O}(4; \{2^{50}\})$	65280
4	$\mathcal{O}(4; \{2^{47}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{44}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{41}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{38}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{35}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{32}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{29}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{26}, 4^{16}\})$	2147483648

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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	$\mathcal{O}(4; \{2^{23}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{20}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{17}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{14}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{11}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^8, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^5, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^2, 4^{32}\})$	140737488355328
4	$\mathcal{O}(3; \{2^{54}\})$	4032
4	$\mathcal{O}(3; \{2^{51}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{48}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{45}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{42}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{39}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{36}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{33}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{30}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{27}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{24}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{21}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{18}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{15}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{12}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^9, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^6, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^3, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{4^{36}\})$	140737488355328
4	$\mathcal{O}(2; \{2^{58}\})$	240
4	$\mathcal{O}(2; \{2^{55}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{52}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{49}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{46}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{43}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{40}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{37}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{34}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{31}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{28}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{25}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{22}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{19}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{16}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{13}, 4^{30}\})$	137438953472

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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	$\mathcal{O}(2; \{2^{10}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^7, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^4, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2, 4^{38}\})$	35184372088832
4	$\mathcal{O}(1; \{2^{62}\})$	12
4	$\mathcal{O}(1; \{2^{59}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{56}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{53}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{50}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{47}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{44}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{41}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{38}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{35}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{32}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{29}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{26}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{23}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{20}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{17}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{14}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{11}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^8, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^5, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^2, 4^{40}\})$	8796093022208
4	$\mathcal{O}(0; \{2^{63}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{60}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{57}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{54}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{51}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{48}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{45}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{42}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{39}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{36}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{33}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{30}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{27}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{24}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{21}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{18}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{15}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{12}, 4^{36}\})$	34359738368

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{2^9, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^6, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^3, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{4^{44}\})$	8796093022208
5	$\mathcal{O}(11; \{5^6\})$	1955032348632812500
5	$\mathcal{O}(9; \{5^{11}\})$	3199996948242187500
5	$\mathcal{O}(7; \{5^{16}\})$	5242880004882812500
5	$\mathcal{O}(5; \{5^{21}\})$	8589934591992187500
5	$\mathcal{O}(3; \{5^{26}\})$	14073748835532812500
5	$\mathcal{O}(1; \{5^{31}\})$	23058430092136939500
6	$\mathcal{O}(10; \{3^4\})$	21936929719671450
6	$\mathcal{O}(10; \{2, 3^2, 6\})$	7312316880125952
6	$\mathcal{O}(10; \{2^2, 6^2\})$	7312316880125952
6	$\mathcal{O}(9; \{2^4, 3^4\})$	609359740010496
6	$\mathcal{O}(9; \{3^7\})$	4265501908412934
6	$\mathcal{O}(9; \{2^5, 3^2, 6\})$	203119913336832
6	$\mathcal{O}(9; \{2, 3^5, 6\})$	2234319046705152
6	$\mathcal{O}(9; \{2^6, 6^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^2, 3^3, 6^2\})$	1015599566684160
6	$\mathcal{O}(9; \{2^3, 3, 6^3\})$	609359740010496
6	$\mathcal{O}(9; \{3^2, 6^4\})$	2234319046705152
6	$\mathcal{O}(9; \{2, 6^5\})$	1015599566684160
6	$\mathcal{O}(8; \{2^8, 3^4\})$	16926659444736
6	$\mathcal{O}(8; \{2^4, 3^7\})$	118486616113152
6	$\mathcal{O}(8; \{3^{10}\})$	964804866371370
6	$\mathcal{O}(8; \{2^9, 3^2, 6\})$	5642219814912
6	$\mathcal{O}(8; \{2^5, 3^5, 6\})$	62064417964032
6	$\mathcal{O}(8; \{2, 3^8, 6\})$	479588684267520
6	$\mathcal{O}(8; \{2^{10}, 6^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^6, 3^3, 6^2\})$	28211099074560
6	$\mathcal{O}(8; \{2^2, 3^6, 6^2\})$	242615452041216
6	$\mathcal{O}(8; \{2^7, 3, 6^3\})$	16926659444736
6	$\mathcal{O}(8; \{2^3, 3^4, 6^3\})$	118486616113152
6	$\mathcal{O}(8; \{2^4, 3^2, 6^4\})$	62064417964032
6	$\mathcal{O}(8; \{3^5, 6^4\})$	479588684267520
6	$\mathcal{O}(8; \{2^5, 6^5\})$	28211099074560
6	$\mathcal{O}(8; \{2, 3^3, 6^5\})$	242615452041216
6	$\mathcal{O}(8; \{2^2, 3, 6^6\})$	118486616113152
6	$\mathcal{O}(8; \{6^8\})$	242615452041216
6	$\mathcal{O}(7; \{2^{12}, 3^4\})$	470184984576
6	$\mathcal{O}(7; \{2^8, 3^7\})$	3291294892032
6	$\mathcal{O}(7; \{2^4, 3^{10}\})$	26800544120832
6	$\mathcal{O}(7; \{3^{13}\})$	213921110476710

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{2^{13}, 3^2, 6\})$	156728328192
6	$\mathcal{O}(7; \{2^9, 3^5, 6\})$	1724011610112
6	$\mathcal{O}(7; \{2^5, 3^8, 6\})$	13321907896320
6	$\mathcal{O}(7; \{2, 3^{11}, 6\})$	107045448155136
6	$\mathcal{O}(7; \{2^{14}, 6^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{10}, 3^3, 6^2\})$	783641640960
6	$\mathcal{O}(7; \{2^6, 3^6, 6^2\})$	6739318112256
6	$\mathcal{O}(7; \{2^2, 3^9, 6^2\})$	53444359913472
6	$\mathcal{O}(7; \{2^{11}, 3, 6^3\})$	470184984576
6	$\mathcal{O}(7; \{2^7, 3^4, 6^3\})$	3291294892032
6	$\mathcal{O}(7; \{2^3, 3^7, 6^3\})$	26800544120832
6	$\mathcal{O}(7; \{2^8, 3^2, 6^4\})$	1724011610112
6	$\mathcal{O}(7; \{2^4, 3^5, 6^4\})$	13321907896320
6	$\mathcal{O}(7; \{3^8, 6^4\})$	107045448155136
6	$\mathcal{O}(7; \{2^9, 6^5\})$	783641640960
6	$\mathcal{O}(7; \{2^5, 3^3, 6^5\})$	6739318112256
6	$\mathcal{O}(7; \{2, 3^6, 6^5\})$	53444359913472
6	$\mathcal{O}(7; \{2^6, 3, 6^6\})$	3291294892032
6	$\mathcal{O}(7; \{2^2, 3^4, 6^6\})$	26800544120832
6	$\mathcal{O}(7; \{2^3, 3^2, 6^7\})$	13321907896320
6	$\mathcal{O}(7; \{2^4, 6^8\})$	6739318112256
6	$\mathcal{O}(7; \{3^3, 6^8\})$	53444359913472
6	$\mathcal{O}(7; \{2, 3, 6^9\})$	26800544120832
6	$\mathcal{O}(6; \{2^{16}, 3^4\})$	13060694016
6	$\mathcal{O}(6; \{2^{12}, 3^7\})$	91424858112
6	$\mathcal{O}(6; \{2^8, 3^{10}\})$	744459558912
6	$\mathcal{O}(6; \{2^4, 3^{13}\})$	5942615777280
6	$\mathcal{O}(6; \{3^{16}\})$	47542377052170
6	$\mathcal{O}(6; \{2^{17}, 3^2, 6\})$	4353564672
6	$\mathcal{O}(6; \{2^{13}, 3^5, 6\})$	47889211392
6	$\mathcal{O}(6; \{2^9, 3^8, 6\})$	370052997120
6	$\mathcal{O}(6; \{2^5, 3^{11}, 6\})$	2973484670976
6	$\mathcal{O}(6; \{2, 3^{14}, 6\})$	23774816673792
6	$\mathcal{O}(6; \{2^{18}, 6^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{14}, 3^3, 6^2\})$	21767823360
6	$\mathcal{O}(6; \{2^{10}, 3^6, 6^2\})$	187203280896
6	$\mathcal{O}(6; \{2^6, 3^9, 6^2\})$	1484565553152
6	$\mathcal{O}(6; \{2^2, 3^{12}, 6^2\})$	11889585119232
6	$\mathcal{O}(6; \{2^{15}, 3, 6^3\})$	13060694016
6	$\mathcal{O}(6; \{2^{11}, 3^4, 6^3\})$	91424858112
6	$\mathcal{O}(6; \{2^7, 3^7, 6^3\})$	744459558912
6	$\mathcal{O}(6; \{2^3, 3^{10}, 6^3\})$	5942615777280
6	$\mathcal{O}(6; \{2^{12}, 3^2, 6^4\})$	47889211392

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^8, 3^5, 6^4\})$	370052997120
6	$\mathcal{O}(6; \{2^4, 3^8, 6^4\})$	2973484670976
6	$\mathcal{O}(6; \{3^{11}, 6^4\})$	23774816673792
6	$\mathcal{O}(6; \{2^{13}, 6^5\})$	21767823360
6	$\mathcal{O}(6; \{2^9, 3^3, 6^5\})$	187203280896
6	$\mathcal{O}(6; \{2^5, 3^6, 6^5\})$	1484565553152
6	$\mathcal{O}(6; \{2, 3^9, 6^5\})$	11889585119232
6	$\mathcal{O}(6; \{2^{10}, 3, 6^6\})$	91424858112
6	$\mathcal{O}(6; \{2^6, 3^4, 6^6\})$	744459558912
6	$\mathcal{O}(6; \{2^2, 3^7, 6^6\})$	5942615777280
6	$\mathcal{O}(6; \{2^7, 3^2, 6^7\})$	370052997120
6	$\mathcal{O}(6; \{2^3, 3^5, 6^7\})$	2973484670976
6	$\mathcal{O}(6; \{2^8, 6^8\})$	187203280896
6	$\mathcal{O}(6; \{2^4, 3^3, 6^8\})$	1484565553152
6	$\mathcal{O}(6; \{3^6, 6^8\})$	11889585119232
6	$\mathcal{O}(6; \{2^5, 3, 6^9\})$	744459558912
6	$\mathcal{O}(6; \{2, 3^4, 6^9\})$	5942615777280
6	$\mathcal{O}(6; \{2^2, 3^2, 6^{10}\})$	2973484670976
6	$\mathcal{O}(6; \{2^3, 6^{11}\})$	1484565553152
6	$\mathcal{O}(6; \{3, 6^{12}\})$	5942615777280
6	$\mathcal{O}(5; \{2^{20}, 3^4\})$	362797056
6	$\mathcal{O}(5; \{2^{16}, 3^7\})$	2539579392
6	$\mathcal{O}(5; \{2^{12}, 3^{10}\})$	20679432192
6	$\mathcal{O}(5; \{2^8, 3^{13}\})$	165072660480
6	$\mathcal{O}(5; \{2^4, 3^{16}\})$	1320944080896
6	$\mathcal{O}(5; \{3^{19}\})$	10556870328774
6	$\mathcal{O}(5; \{2^{21}, 3^2, 6\})$	120932352
6	$\mathcal{O}(5; \{2^{17}, 3^5, 6\})$	1330255872
6	$\mathcal{O}(5; \{2^{13}, 3^8, 6\})$	10279249920
6	$\mathcal{O}(5; \{2^9, 3^{11}, 6\})$	82596796416
6	$\mathcal{O}(5; \{2^5, 3^{14}, 6\})$	660411574272
6	$\mathcal{O}(5; \{2, 3^{17}, 6\})$	5283655391232
6	$\mathcal{O}(5; \{2^{22}, 6^2\})$	120932352
6	$\mathcal{O}(5; \{2^{18}, 3^3, 6^2\})$	604661760
6	$\mathcal{O}(5; \{2^{14}, 3^6, 6^2\})$	5200091136
6	$\mathcal{O}(5; \{2^{10}, 3^9, 6^2\})$	41237932032
6	$\mathcal{O}(5; \{2^6, 3^{12}, 6^2\})$	330266253312
6	$\mathcal{O}(5; \{2^2, 3^{15}, 6^2\})$	2641767229440
6	$\mathcal{O}(5; \{2^{19}, 3, 6^3\})$	362797056
6	$\mathcal{O}(5; \{2^{15}, 3^4, 6^3\})$	2539579392
6	$\mathcal{O}(5; \{2^{11}, 3^7, 6^3\})$	20679432192
6	$\mathcal{O}(5; \{2^7, 3^{10}, 6^3\})$	165072660480
6	$\mathcal{O}(5; \{2^3, 3^{13}, 6^3\})$	1320944080896

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^{16}, 3^2, 6^4\})$	1330255872
6	$\mathcal{O}(5; \{2^{12}, 3^5, 6^4\})$	10279249920
6	$\mathcal{O}(5; \{2^8, 3^8, 6^4\})$	82596796416
6	$\mathcal{O}(5; \{2^4, 3^{11}, 6^4\})$	660411574272
6	$\mathcal{O}(5; \{3^{14}, 6^4\})$	5283655391232
6	$\mathcal{O}(5; \{2^{17}, 6^5\})$	604661760
6	$\mathcal{O}(5; \{2^{13}, 3^3, 6^5\})$	5200091136
6	$\mathcal{O}(5; \{2^9, 3^6, 6^5\})$	41237932032
6	$\mathcal{O}(5; \{2^5, 3^9, 6^5\})$	330266253312
6	$\mathcal{O}(5; \{2, 3^{12}, 6^5\})$	2641767229440
6	$\mathcal{O}(5; \{2^{14}, 3, 6^6\})$	2539579392
6	$\mathcal{O}(5; \{2^{10}, 3^4, 6^6\})$	20679432192
6	$\mathcal{O}(5; \{2^6, 3^7, 6^6\})$	165072660480
6	$\mathcal{O}(5; \{2^2, 3^{10}, 6^6\})$	1320944080896
6	$\mathcal{O}(5; \{2^{11}, 3^2, 6^7\})$	10279249920
6	$\mathcal{O}(5; \{2^7, 3^5, 6^7\})$	82596796416
6	$\mathcal{O}(5; \{2^3, 3^8, 6^7\})$	660411574272
6	$\mathcal{O}(5; \{2^{12}, 6^8\})$	5200091136
6	$\mathcal{O}(5; \{2^8, 3^3, 6^8\})$	41237932032
6	$\mathcal{O}(5; \{2^4, 3^6, 6^8\})$	330266253312
6	$\mathcal{O}(5; \{3^9, 6^8\})$	2641767229440
6	$\mathcal{O}(5; \{2^9, 3, 6^9\})$	20679432192
6	$\mathcal{O}(5; \{2^5, 3^4, 6^9\})$	165072660480
6	$\mathcal{O}(5; \{2, 3^7, 6^9\})$	1320944080896
6	$\mathcal{O}(5; \{2^6, 3^2, 6^{10}\})$	82596796416
6	$\mathcal{O}(5; \{2^2, 3^5, 6^{10}\})$	660411574272
6	$\mathcal{O}(5; \{2^7, 6^{11}\})$	41237932032
6	$\mathcal{O}(5; \{2^3, 3^3, 6^{11}\})$	330266253312
6	$\mathcal{O}(5; \{2^4, 3, 6^{12}\})$	165072660480
6	$\mathcal{O}(5; \{3^4, 6^{12}\})$	1320944080896
6	$\mathcal{O}(5; \{2, 3^2, 6^{13}\})$	660411574272
6	$\mathcal{O}(5; \{2^2, 6^{14}\})$	330266253312
6	$\mathcal{O}(4; \{2^{24}, 3^4\})$	10077696
6	$\mathcal{O}(4; \{2^{20}, 3^7\})$	70543872
6	$\mathcal{O}(4; \{2^{16}, 3^{10}\})$	574428672
6	$\mathcal{O}(4; \{2^{12}, 3^{13}\})$	4585351680
6	$\mathcal{O}(4; \{2^8, 3^{16}\})$	36692891136
6	$\mathcal{O}(4; \{2^4, 3^{19}\})$	293533051392
6	$\mathcal{O}(4; \{3^{22}\})$	2339101541610
6	$\mathcal{O}(4; \{2^{25}, 3^2, 6\})$	3359232
6	$\mathcal{O}(4; \{2^{21}, 3^5, 6\})$	36951552
6	$\mathcal{O}(4; \{2^{17}, 3^8, 6\})$	285534720
6	$\mathcal{O}(4; \{2^{13}, 3^{11}, 6\})$	2294355456

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^9, 3^4, 6^9\})$	4585351680
6	$\mathcal{O}(4; \{2^5, 3^7, 6^9\})$	36692891136
6	$\mathcal{O}(4; \{2, 3^{10}, 6^9\})$	293533051392
6	$\mathcal{O}(4; \{2^{10}, 3^2, 6^{10}\})$	2294355456
6	$\mathcal{O}(4; \{2^6, 3^5, 6^{10}\})$	18344765952
6	$\mathcal{O}(4; \{2^2, 3^8, 6^{10}\})$	146768205312
6	$\mathcal{O}(4; \{2^{11}, 6^{11}\})$	1145498112
6	$\mathcal{O}(4; \{2^7, 3^3, 6^{11}\})$	9174062592
6	$\mathcal{O}(4; \{2^3, 3^6, 6^{11}\})$	73382423040
6	$\mathcal{O}(4; \{2^8, 3, 6^{12}\})$	4585351680
6	$\mathcal{O}(4; \{2^4, 3^4, 6^{12}\})$	36692891136
6	$\mathcal{O}(4; \{3^7, 6^{12}\})$	293533051392
6	$\mathcal{O}(4; \{2^5, 3^2, 6^{13}\})$	18344765952
6	$\mathcal{O}(4; \{2, 3^5, 6^{13}\})$	146768205312
6	$\mathcal{O}(4; \{2^6, 6^{14}\})$	9174062592
6	$\mathcal{O}(4; \{2^2, 3^3, 6^{14}\})$	73382423040
6	$\mathcal{O}(4; \{2^3, 3, 6^{15}\})$	36692891136
6	$\mathcal{O}(4; \{3^2, 6^{16}\})$	146768205312
6	$\mathcal{O}(4; \{2, 6^{17}\})$	73382423040
6	$\mathcal{O}(3; \{2^{28}, 3^4\})$	279936
6	$\mathcal{O}(3; \{2^{24}, 3^7\})$	1959552
6	$\mathcal{O}(3; \{2^{20}, 3^{10}\})$	15956352
6	$\mathcal{O}(3; \{2^{16}, 3^{13}\})$	127370880
6	$\mathcal{O}(3; \{2^{12}, 3^{16}\})$	1019246976
6	$\mathcal{O}(3; \{2^8, 3^{19}\})$	8153695872
6	$\mathcal{O}(3; \{2^4, 3^{22}\})$	65229846912
6	$\mathcal{O}(3; \{3^{25}\})$	513684768870
6	$\mathcal{O}(3; \{2^{29}, 3^2, 6\})$	93312
6	$\mathcal{O}(3; \{2^{25}, 3^5, 6\})$	1026432
6	$\mathcal{O}(3; \{2^{21}, 3^8, 6\})$	7931520
6	$\mathcal{O}(3; \{2^{17}, 3^{11}, 6\})$	63732096
6	$\mathcal{O}(3; \{2^{13}, 3^{14}, 6\})$	509576832
6	$\mathcal{O}(3; \{2^9, 3^{17}, 6\})$	4076894592
6	$\mathcal{O}(3; \{2^5, 3^{20}, 6\})$	32614876800
6	$\mathcal{O}(3; \{2, 3^{23}, 6\})$	260919294336
6	$\mathcal{O}(3; \{2^{30}, 6^2\})$	93312
6	$\mathcal{O}(3; \{2^{26}, 3^3, 6^2\})$	466560
6	$\mathcal{O}(3; \{2^{22}, 3^6, 6^2\})$	4012416
6	$\mathcal{O}(3; \{2^{18}, 3^9, 6^2\})$	31819392
6	$\mathcal{O}(3; \{2^{14}, 3^{12}, 6^2\})$	254835072
6	$\mathcal{O}(3; \{2^{10}, 3^{15}, 6^2\})$	2038400640
6	$\mathcal{O}(3; \{2^6, 3^{18}, 6^2\})$	16307485056
6	$\mathcal{O}(3; \{2^2, 3^{21}, 6^2\})$	130459600512

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{14}, 3^2, 6^{10}\})$	63732096
6	$\mathcal{O}(3; \{2^{10}, 3^5, 6^{10}\})$	509576832
6	$\mathcal{O}(3; \{2^6, 3^8, 6^{10}\})$	4076894592
6	$\mathcal{O}(3; \{2^2, 3^{11}, 6^{10}\})$	32614876800
6	$\mathcal{O}(3; \{2^{15}, 6^{11}\})$	31819392
6	$\mathcal{O}(3; \{2^{11}, 3^3, 6^{11}\})$	254835072
6	$\mathcal{O}(3; \{2^7, 3^6, 6^{11}\})$	2038400640
6	$\mathcal{O}(3; \{2^3, 3^9, 6^{11}\})$	16307485056
6	$\mathcal{O}(3; \{2^{12}, 3, 6^{12}\})$	127370880
6	$\mathcal{O}(3; \{2^8, 3^4, 6^{12}\})$	1019246976
6	$\mathcal{O}(3; \{2^4, 3^7, 6^{12}\})$	8153695872
6	$\mathcal{O}(3; \{3^{10}, 6^{12}\})$	65229846912
6	$\mathcal{O}(3; \{2^9, 3^2, 6^{13}\})$	509576832
6	$\mathcal{O}(3; \{2^5, 3^5, 6^{13}\})$	4076894592
6	$\mathcal{O}(3; \{2, 3^8, 6^{13}\})$	32614876800
6	$\mathcal{O}(3; \{2^{10}, 6^{14}\})$	254835072
6	$\mathcal{O}(3; \{2^6, 3^3, 6^{14}\})$	2038400640
6	$\mathcal{O}(3; \{2^2, 3^6, 6^{14}\})$	16307485056
6	$\mathcal{O}(3; \{2^7, 3, 6^{15}\})$	1019246976
6	$\mathcal{O}(3; \{2^3, 3^4, 6^{15}\})$	8153695872
6	$\mathcal{O}(3; \{2^4, 3^2, 6^{16}\})$	4076894592
6	$\mathcal{O}(3; \{3^5, 6^{16}\})$	32614876800
6	$\mathcal{O}(3; \{2^5, 6^{17}\})$	2038400640
6	$\mathcal{O}(3; \{2, 3^3, 6^{17}\})$	16307485056
6	$\mathcal{O}(3; \{2^2, 3, 6^{18}\})$	8153695872
6	$\mathcal{O}(3; \{6^{20}\})$	16307485056
6	$\mathcal{O}(2; \{2^{32}, 3^4\})$	7776
6	$\mathcal{O}(2; \{2^{28}, 3^7\})$	54432
6	$\mathcal{O}(2; \{2^{24}, 3^{10}\})$	443232
6	$\mathcal{O}(2; \{2^{20}, 3^{13}\})$	3538080
6	$\mathcal{O}(2; \{2^{16}, 3^{16}\})$	28312416
6	$\mathcal{O}(2; \{2^{12}, 3^{19}\})$	226491552
6	$\mathcal{O}(2; \{2^8, 3^{22}\})$	1811940192
6	$\mathcal{O}(2; \{2^4, 3^{25}\})$	14495513760
6	$\mathcal{O}(2; \{3^{28}\})$	108716360490
6	$\mathcal{O}(2; \{2^{33}, 3^2, 6\})$	2592
6	$\mathcal{O}(2; \{2^{29}, 3^5, 6\})$	28512
6	$\mathcal{O}(2; \{2^{25}, 3^8, 6\})$	220320
6	$\mathcal{O}(2; \{2^{21}, 3^{11}, 6\})$	1770336
6	$\mathcal{O}(2; \{2^{17}, 3^{14}, 6\})$	14154912
6	$\mathcal{O}(2; \{2^{13}, 3^{17}, 6\})$	113247072
6	$\mathcal{O}(2; \{2^9, 3^{20}, 6\})$	905968800
6	$\mathcal{O}(2; \{2^5, 3^{23}, 6\})$	7247758176

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^8, 3^2, 6^{16}\})$	113247072
6	$\mathcal{O}(2; \{2^4, 3^5, 6^{16}\})$	905968800
6	$\mathcal{O}(2; \{3^8, 6^{16}\})$	7247758176
6	$\mathcal{O}(2; \{2^9, 6^{17}\})$	56622240
6	$\mathcal{O}(2; \{2^5, 3^3, 6^{17}\})$	452985696
6	$\mathcal{O}(2; \{2, 3^6, 6^{17}\})$	3623877792
6	$\mathcal{O}(2; \{2^6, 3, 6^{18}\})$	226491552
6	$\mathcal{O}(2; \{2^2, 3^4, 6^{18}\})$	1811940192
6	$\mathcal{O}(2; \{2^3, 3^2, 6^{19}\})$	905968800
6	$\mathcal{O}(2; \{2^4, 6^{20}\})$	452985696
6	$\mathcal{O}(2; \{3^3, 6^{20}\})$	3623877792
6	$\mathcal{O}(2; \{2, 3, 6^{21}\})$	1811940192
6	$\mathcal{O}(1; \{2^{36}, 3^4\})$	216
6	$\mathcal{O}(1; \{2^{32}, 3^7\})$	1512
6	$\mathcal{O}(1; \{2^{28}, 3^{10}\})$	12312
6	$\mathcal{O}(1; \{2^{24}, 3^{13}\})$	98280
6	$\mathcal{O}(1; \{2^{20}, 3^{16}\})$	786456
6	$\mathcal{O}(1; \{2^{16}, 3^{19}\})$	6291432
6	$\mathcal{O}(1; \{2^{12}, 3^{22}\})$	50331672
6	$\mathcal{O}(1; \{2^8, 3^{25}\})$	402653160
6	$\mathcal{O}(1; \{2^4, 3^{28}\})$	3221225496
6	$\mathcal{O}(1; \{3^{31}\})$	19327352814
6	$\mathcal{O}(1; \{2^{37}, 3^2, 6\})$	72
6	$\mathcal{O}(1; \{2^{33}, 3^5, 6\})$	792
6	$\mathcal{O}(1; \{2^{29}, 3^8, 6\})$	6120
6	$\mathcal{O}(1; \{2^{25}, 3^{11}, 6\})$	49176
6	$\mathcal{O}(1; \{2^{21}, 3^{14}, 6\})$	393192
6	$\mathcal{O}(1; \{2^{17}, 3^{17}, 6\})$	3145752
6	$\mathcal{O}(1; \{2^{13}, 3^{20}, 6\})$	25165800
6	$\mathcal{O}(1; \{2^9, 3^{23}, 6\})$	201326616
6	$\mathcal{O}(1; \{2^5, 3^{26}, 6\})$	1610612712
6	$\mathcal{O}(1; \{2, 3^{29}, 6\})$	12884901912
6	$\mathcal{O}(1; \{2^{38}, 6^2\})$	72
6	$\mathcal{O}(1; \{2^{34}, 3^3, 6^2\})$	360
6	$\mathcal{O}(1; \{2^{30}, 3^6, 6^2\})$	3096
6	$\mathcal{O}(1; \{2^{26}, 3^9, 6^2\})$	24552
6	$\mathcal{O}(1; \{2^{22}, 3^{12}, 6^2\})$	196632
6	$\mathcal{O}(1; \{2^{18}, 3^{15}, 6^2\})$	1572840
6	$\mathcal{O}(1; \{2^{14}, 3^{18}, 6^2\})$	12582936
6	$\mathcal{O}(1; \{2^{10}, 3^{21}, 6^2\})$	100663272
6	$\mathcal{O}(1; \{2^6, 3^{24}, 6^2\})$	805306392
6	$\mathcal{O}(1; \{2^2, 3^{27}, 6^2\})$	6442450920
6	$\mathcal{O}(1; \{2^{35}, 3, 6^3\})$	216

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^7, 3^7, 6^{15}\})$	50331672
6	$\mathcal{O}(1; \{2^3, 3^{10}, 6^{15}\})$	402653160
6	$\mathcal{O}(1; \{2^{12}, 3^2, 6^{16}\})$	3145752
6	$\mathcal{O}(1; \{2^8, 3^5, 6^{16}\})$	25165800
6	$\mathcal{O}(1; \{2^4, 3^8, 6^{16}\})$	201326616
6	$\mathcal{O}(1; \{3^{11}, 6^{16}\})$	1610612712
6	$\mathcal{O}(1; \{2^{13}, 6^{17}\})$	1572840
6	$\mathcal{O}(1; \{2^9, 3^3, 6^{17}\})$	12582936
6	$\mathcal{O}(1; \{2^5, 3^6, 6^{17}\})$	100663272
6	$\mathcal{O}(1; \{2, 3^9, 6^{17}\})$	805306392
6	$\mathcal{O}(1; \{2^{10}, 3, 6^{18}\})$	6291432
6	$\mathcal{O}(1; \{2^6, 3^4, 6^{18}\})$	50331672
6	$\mathcal{O}(1; \{2^2, 3^7, 6^{18}\})$	402653160
6	$\mathcal{O}(1; \{2^7, 3^2, 6^{19}\})$	25165800
6	$\mathcal{O}(1; \{2^3, 3^5, 6^{19}\})$	201326616
6	$\mathcal{O}(1; \{2^8, 6^{20}\})$	12582936
6	$\mathcal{O}(1; \{2^4, 3^3, 6^{20}\})$	100663272
6	$\mathcal{O}(1; \{3^6, 6^{20}\})$	805306392
6	$\mathcal{O}(1; \{2^5, 3, 6^{21}\})$	50331672
6	$\mathcal{O}(1; \{2, 3^4, 6^{21}\})$	402653160
6	$\mathcal{O}(1; \{2^2, 3^2, 6^{22}\})$	201326616
6	$\mathcal{O}(1; \{2^3, 6^{23}\})$	100663272
6	$\mathcal{O}(1; \{3, 6^{24}\})$	402653160
6	$\mathcal{O}(0; \{2^{40}, 3^4\})$	6
6	$\mathcal{O}(0; \{2^{36}, 3^7\})$	42
6	$\mathcal{O}(0; \{2^{32}, 3^{10}\})$	342
6	$\mathcal{O}(0; \{2^{28}, 3^{13}\})$	2730
6	$\mathcal{O}(0; \{2^{24}, 3^{16}\})$	21846
6	$\mathcal{O}(0; \{2^{20}, 3^{19}\})$	174762
6	$\mathcal{O}(0; \{2^{16}, 3^{22}\})$	1398102
6	$\mathcal{O}(0; \{2^{12}, 3^{25}\})$	11184810
6	$\mathcal{O}(0; \{2^8, 3^{28}\})$	89478486
6	$\mathcal{O}(0; \{2^4, 3^{31}\})$	715827882
6	$\mathcal{O}(0; \{2^{41}, 3^2, 6\})$	2
6	$\mathcal{O}(0; \{2^{37}, 3^5, 6\})$	22
6	$\mathcal{O}(0; \{2^{33}, 3^8, 6\})$	170
6	$\mathcal{O}(0; \{2^{29}, 3^{11}, 6\})$	1366
6	$\mathcal{O}(0; \{2^{25}, 3^{14}, 6\})$	10922
6	$\mathcal{O}(0; \{2^{21}, 3^{17}, 6\})$	87382
6	$\mathcal{O}(0; \{2^{17}, 3^{20}, 6\})$	699050
6	$\mathcal{O}(0; \{2^{13}, 3^{23}, 6\})$	5592406
6	$\mathcal{O}(0; \{2^9, 3^{26}, 6\})$	44739242
6	$\mathcal{O}(0; \{2^5, 3^{29}, 6\})$	357913942

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^7, 3^5, 6^{19}\})$	5592406
6	$\mathcal{O}(0; \{2^3, 3^8, 6^{19}\})$	44739242
6	$\mathcal{O}(0; \{2^{12}, 6^{20}\})$	349526
6	$\mathcal{O}(0; \{2^8, 3^3, 6^{20}\})$	2796202
6	$\mathcal{O}(0; \{2^4, 3^6, 6^{20}\})$	22369622
6	$\mathcal{O}(0; \{3^9, 6^{20}\})$	178956970
6	$\mathcal{O}(0; \{2^9, 3, 6^{21}\})$	1398102
6	$\mathcal{O}(0; \{2^5, 3^4, 6^{21}\})$	11184810
6	$\mathcal{O}(0; \{2, 3^7, 6^{21}\})$	89478486
6	$\mathcal{O}(0; \{2^6, 3^2, 6^{22}\})$	5592406
6	$\mathcal{O}(0; \{2^2, 3^5, 6^{22}\})$	44739242
6	$\mathcal{O}(0; \{2^7, 6^{23}\})$	2796202
6	$\mathcal{O}(0; \{2^3, 3^3, 6^{23}\})$	22369622
6	$\mathcal{O}(0; \{2^4, 3, 6^{24}\})$	11184810
6	$\mathcal{O}(0; \{3^4, 6^{24}\})$	89478486
6	$\mathcal{O}(0; \{2, 3^2, 6^{25}\})$	44739242
6	$\mathcal{O}(0; \{2^2, 6^{26}\})$	22369622
7	$\mathcal{O}(9; \{7^2\})$	9770481587462694
7	$\mathcal{O}(6; \{7^9\})$	19926885944663670
7	$\mathcal{O}(3; \{7^{16}\})$	47414394214713834
7	$\mathcal{O}(0; \{7^{23}\})$	112818603293371830
8	$\mathcal{O}(8; \{4^2\})$	562941363486720
8	$\mathcal{O}(7; \{2^4, 4^2\})$	8795556151296
8	$\mathcal{O}(7; \{2, 4^4\})$	35182224605184
8	$\mathcal{O}(7; \{2^2, 4, 8^2\})$	35184372088832
8	$\mathcal{O}(7; \{8^4\})$	281474976710656
8	$\mathcal{O}(6; \{2^8, 4^2\})$	137405399040
8	$\mathcal{O}(6; \{2^5, 4^4\})$	549621596160
8	$\mathcal{O}(6; \{2^2, 4^6\})$	2198486384640
8	$\mathcal{O}(6; \{2^6, 4, 8^2\})$	549755813888
8	$\mathcal{O}(6; \{2^3, 4^3, 8^2\})$	2199023255552
8	$\mathcal{O}(6; \{4^5, 8^2\})$	8796093022208
8	$\mathcal{O}(6; \{2^4, 8^4\})$	4398046511104
8	$\mathcal{O}(6; \{2, 4^2, 8^4\})$	17592186044416
8	$\mathcal{O}(5; \{2^{12}, 4^2\})$	2145386496
8	$\mathcal{O}(5; \{2^9, 4^4\})$	8581545984
8	$\mathcal{O}(5; \{2^6, 4^6\})$	34326183936
8	$\mathcal{O}(5; \{2^3, 4^8\})$	137304735744
8	$\mathcal{O}(5; \{4^{10}\})$	549218942976
8	$\mathcal{O}(5; \{2^{10}, 4, 8^2\})$	8589934592
8	$\mathcal{O}(5; \{2^7, 4^3, 8^2\})$	34359738368
8	$\mathcal{O}(5; \{2^4, 4^5, 8^2\})$	137438953472
8	$\mathcal{O}(5; \{2, 4^7, 8^2\})$	549755813888

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{2^8, 8^4\})$	68719476736
8	$\mathcal{O}(5; \{2^5, 4^2, 8^4\})$	274877906944
8	$\mathcal{O}(5; \{2^2, 4^4, 8^4\})$	1099511627776
8	$\mathcal{O}(5; \{2^3, 4, 8^6\})$	2199023255552
8	$\mathcal{O}(5; \{4^3, 8^6\})$	8796093022208
8	$\mathcal{O}(5; \{2, 8^8\})$	17592186044416
8	$\mathcal{O}(4; \{2^{16}, 4^2\})$	33423360
8	$\mathcal{O}(4; \{2^{13}, 4^4\})$	133693440
8	$\mathcal{O}(4; \{2^{10}, 4^6\})$	534773760
8	$\mathcal{O}(4; \{2^7, 4^8\})$	2139095040
8	$\mathcal{O}(4; \{2^4, 4^{10}\})$	8556380160
8	$\mathcal{O}(4; \{2, 4^{12}\})$	34225520640
8	$\mathcal{O}(4; \{2^{14}, 4, 8^2\})$	134217728
8	$\mathcal{O}(4; \{2^{11}, 4^3, 8^2\})$	536870912
8	$\mathcal{O}(4; \{2^8, 4^5, 8^2\})$	2147483648
8	$\mathcal{O}(4; \{2^5, 4^7, 8^2\})$	8589934592
8	$\mathcal{O}(4; \{2^2, 4^9, 8^2\})$	34359738368
8	$\mathcal{O}(4; \{2^{12}, 8^4\})$	1073741824
8	$\mathcal{O}(4; \{2^9, 4^2, 8^4\})$	4294967296
8	$\mathcal{O}(4; \{2^6, 4^4, 8^4\})$	17179869184
8	$\mathcal{O}(4; \{2^3, 4^6, 8^4\})$	68719476736
8	$\mathcal{O}(4; \{4^8, 8^4\})$	274877906944
8	$\mathcal{O}(4; \{2^7, 4, 8^6\})$	34359738368
8	$\mathcal{O}(4; \{2^4, 4^3, 8^6\})$	137438953472
8	$\mathcal{O}(4; \{2, 4^5, 8^6\})$	549755813888
8	$\mathcal{O}(4; \{2^5, 8^8\})$	274877906944
8	$\mathcal{O}(4; \{2^2, 4^2, 8^8\})$	1099511627776
8	$\mathcal{O}(4; \{4, 8^{10}\})$	8796093022208
8	$\mathcal{O}(3; \{2^{20}, 4^2\})$	516096
8	$\mathcal{O}(3; \{2^{17}, 4^4\})$	2064384
8	$\mathcal{O}(3; \{2^{14}, 4^6\})$	8257536
8	$\mathcal{O}(3; \{2^{11}, 4^8\})$	33030144
8	$\mathcal{O}(3; \{2^8, 4^{10}\})$	132120576
8	$\mathcal{O}(3; \{2^5, 4^{12}\})$	528482304
8	$\mathcal{O}(3; \{2^2, 4^{14}\})$	2113929216
8	$\mathcal{O}(3; \{2^{18}, 4, 8^2\})$	2097152
8	$\mathcal{O}(3; \{2^{15}, 4^3, 8^2\})$	8388608
8	$\mathcal{O}(3; \{2^{12}, 4^5, 8^2\})$	33554432
8	$\mathcal{O}(3; \{2^9, 4^7, 8^2\})$	134217728
8	$\mathcal{O}(3; \{2^6, 4^9, 8^2\})$	536870912
8	$\mathcal{O}(3; \{2^3, 4^{11}, 8^2\})$	2147483648
8	$\mathcal{O}(3; \{4^{13}, 8^2\})$	8589934592
8	$\mathcal{O}(3; \{2^{16}, 8^4\})$	16777216

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{2^{13}, 4^2, 8^4\})$	67108864
8	$\mathcal{O}(3; \{2^{10}, 4^4, 8^4\})$	268435456
8	$\mathcal{O}(3; \{2^7, 4^6, 8^4\})$	1073741824
8	$\mathcal{O}(3; \{2^4, 4^8, 8^4\})$	4294967296
8	$\mathcal{O}(3; \{2, 4^{10}, 8^4\})$	17179869184
8	$\mathcal{O}(3; \{2^{11}, 4, 8^6\})$	536870912
8	$\mathcal{O}(3; \{2^8, 4^3, 8^6\})$	2147483648
8	$\mathcal{O}(3; \{2^5, 4^5, 8^6\})$	8589934592
8	$\mathcal{O}(3; \{2^2, 4^7, 8^6\})$	34359738368
8	$\mathcal{O}(3; \{2^9, 8^8\})$	4294967296
8	$\mathcal{O}(3; \{2^6, 4^2, 8^8\})$	17179869184
8	$\mathcal{O}(3; \{2^3, 4^4, 8^8\})$	68719476736
8	$\mathcal{O}(3; \{4^6, 8^8\})$	274877906944
8	$\mathcal{O}(3; \{2^4, 4, 8^{10}\})$	137438953472
8	$\mathcal{O}(3; \{2, 4^3, 8^{10}\})$	549755813888
8	$\mathcal{O}(3; \{2^2, 8^{12}\})$	1099511627776
8	$\mathcal{O}(2; \{2^{24}, 4^2\})$	7680
8	$\mathcal{O}(2; \{2^{21}, 4^4\})$	30720
8	$\mathcal{O}(2; \{2^{18}, 4^6\})$	122880
8	$\mathcal{O}(2; \{2^{15}, 4^8\})$	491520
8	$\mathcal{O}(2; \{2^{12}, 4^{10}\})$	1966080
8	$\mathcal{O}(2; \{2^9, 4^{12}\})$	7864320
8	$\mathcal{O}(2; \{2^6, 4^{14}\})$	31457280
8	$\mathcal{O}(2; \{2^3, 4^{16}\})$	125829120
8	$\mathcal{O}(2; \{4^{18}\})$	503316480
8	$\mathcal{O}(2; \{2^{22}, 4, 8^2\})$	32768
8	$\mathcal{O}(2; \{2^{19}, 4^3, 8^2\})$	131072
8	$\mathcal{O}(2; \{2^{16}, 4^5, 8^2\})$	524288
8	$\mathcal{O}(2; \{2^{13}, 4^7, 8^2\})$	2097152
8	$\mathcal{O}(2; \{2^{10}, 4^9, 8^2\})$	8388608
8	$\mathcal{O}(2; \{2^7, 4^{11}, 8^2\})$	33554432
8	$\mathcal{O}(2; \{2^4, 4^{13}, 8^2\})$	134217728
8	$\mathcal{O}(2; \{2, 4^{15}, 8^2\})$	536870912
8	$\mathcal{O}(2; \{2^{20}, 8^4\})$	262144
8	$\mathcal{O}(2; \{2^{17}, 4^2, 8^4\})$	1048576
8	$\mathcal{O}(2; \{2^{14}, 4^4, 8^4\})$	4194304
8	$\mathcal{O}(2; \{2^{11}, 4^6, 8^4\})$	16777216
8	$\mathcal{O}(2; \{2^8, 4^8, 8^4\})$	67108864
8	$\mathcal{O}(2; \{2^5, 4^{10}, 8^4\})$	268435456
8	$\mathcal{O}(2; \{2^2, 4^{12}, 8^4\})$	1073741824
8	$\mathcal{O}(2; \{2^{15}, 4, 8^6\})$	8388608
8	$\mathcal{O}(2; \{2^{12}, 4^3, 8^6\})$	33554432
8	$\mathcal{O}(2; \{2^9, 4^5, 8^6\})$	134217728

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^6, 4^7, 8^6\})$	536870912
8	$\mathcal{O}(2; \{2^3, 4^9, 8^6\})$	2147483648
8	$\mathcal{O}(2; \{4^{11}, 8^6\})$	8589934592
8	$\mathcal{O}(2; \{2^{13}, 8^8\})$	67108864
8	$\mathcal{O}(2; \{2^{10}, 4^2, 8^8\})$	268435456
8	$\mathcal{O}(2; \{2^7, 4^4, 8^8\})$	1073741824
8	$\mathcal{O}(2; \{2^4, 4^6, 8^8\})$	4294967296
8	$\mathcal{O}(2; \{2, 4^8, 8^8\})$	17179869184
8	$\mathcal{O}(2; \{2^8, 4, 8^{10}\})$	2147483648
8	$\mathcal{O}(2; \{2^5, 4^3, 8^{10}\})$	8589934592
8	$\mathcal{O}(2; \{2^2, 4^5, 8^{10}\})$	34359738368
8	$\mathcal{O}(2; \{2^6, 8^{12}\})$	17179869184
8	$\mathcal{O}(2; \{2^3, 4^2, 8^{12}\})$	68719476736
8	$\mathcal{O}(2; \{4^4, 8^{12}\})$	274877906944
8	$\mathcal{O}(2; \{2, 4, 8^{14}\})$	549755813888
8	$\mathcal{O}(1; \{2^{28}, 4^2\})$	96
8	$\mathcal{O}(1; \{2^{25}, 4^4\})$	384
8	$\mathcal{O}(1; \{2^{22}, 4^6\})$	1536
8	$\mathcal{O}(1; \{2^{19}, 4^8\})$	6144
8	$\mathcal{O}(1; \{2^{16}, 4^{10}\})$	24576
8	$\mathcal{O}(1; \{2^{13}, 4^{12}\})$	98304
8	$\mathcal{O}(1; \{2^{10}, 4^{14}\})$	393216
8	$\mathcal{O}(1; \{2^7, 4^{16}\})$	1572864
8	$\mathcal{O}(1; \{2^4, 4^{18}\})$	6291456
8	$\mathcal{O}(1; \{2, 4^{20}\})$	25165824
8	$\mathcal{O}(1; \{2^{26}, 4, 8^2\})$	512
8	$\mathcal{O}(1; \{2^{23}, 4^3, 8^2\})$	2048
8	$\mathcal{O}(1; \{2^{20}, 4^5, 8^2\})$	8192
8	$\mathcal{O}(1; \{2^{17}, 4^7, 8^2\})$	32768
8	$\mathcal{O}(1; \{2^{14}, 4^9, 8^2\})$	131072
8	$\mathcal{O}(1; \{2^{11}, 4^{11}, 8^2\})$	524288
8	$\mathcal{O}(1; \{2^8, 4^{13}, 8^2\})$	2097152
8	$\mathcal{O}(1; \{2^5, 4^{15}, 8^2\})$	8388608
8	$\mathcal{O}(1; \{2^2, 4^{17}, 8^2\})$	33554432
8	$\mathcal{O}(1; \{2^{24}, 8^4\})$	4096
8	$\mathcal{O}(1; \{2^{21}, 4^2, 8^4\})$	16384
8	$\mathcal{O}(1; \{2^{18}, 4^4, 8^4\})$	65536
8	$\mathcal{O}(1; \{2^{15}, 4^6, 8^4\})$	262144
8	$\mathcal{O}(1; \{2^{12}, 4^8, 8^4\})$	1048576
8	$\mathcal{O}(1; \{2^9, 4^{10}, 8^4\})$	4194304
8	$\mathcal{O}(1; \{2^6, 4^{12}, 8^4\})$	16777216
8	$\mathcal{O}(1; \{2^3, 4^{14}, 8^4\})$	67108864
8	$\mathcal{O}(1; \{4^{16}, 8^4\})$	268435456

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^{19}, 4, 8^6\})$	131072
8	$\mathcal{O}(1; \{2^{16}, 4^3, 8^6\})$	524288
8	$\mathcal{O}(1; \{2^{13}, 4^5, 8^6\})$	2097152
8	$\mathcal{O}(1; \{2^{10}, 4^7, 8^6\})$	8388608
8	$\mathcal{O}(1; \{2^7, 4^9, 8^6\})$	33554432
8	$\mathcal{O}(1; \{2^4, 4^{11}, 8^6\})$	134217728
8	$\mathcal{O}(1; \{2, 4^{13}, 8^6\})$	536870912
8	$\mathcal{O}(1; \{2^{17}, 8^8\})$	1048576
8	$\mathcal{O}(1; \{2^{14}, 4^2, 8^8\})$	4194304
8	$\mathcal{O}(1; \{2^{11}, 4^4, 8^8\})$	16777216
8	$\mathcal{O}(1; \{2^8, 4^6, 8^8\})$	67108864
8	$\mathcal{O}(1; \{2^5, 4^8, 8^8\})$	268435456
8	$\mathcal{O}(1; \{2^2, 4^{10}, 8^8\})$	1073741824
8	$\mathcal{O}(1; \{2^{12}, 4, 8^{10}\})$	33554432
8	$\mathcal{O}(1; \{2^9, 4^3, 8^{10}\})$	134217728
8	$\mathcal{O}(1; \{2^6, 4^5, 8^{10}\})$	536870912
8	$\mathcal{O}(1; \{2^3, 4^7, 8^{10}\})$	2147483648
8	$\mathcal{O}(1; \{4^9, 8^{10}\})$	8589934592
8	$\mathcal{O}(1; \{2^{10}, 8^{12}\})$	268435456
8	$\mathcal{O}(1; \{2^7, 4^2, 8^{12}\})$	1073741824
8	$\mathcal{O}(1; \{2^4, 4^4, 8^{12}\})$	4294967296
8	$\mathcal{O}(1; \{2, 4^6, 8^{12}\})$	17179869184
8	$\mathcal{O}(1; \{2^5, 4, 8^{14}\})$	8589934592
8	$\mathcal{O}(1; \{2^2, 4^3, 8^{14}\})$	34359738368
8	$\mathcal{O}(1; \{2^3, 8^{16}\})$	68719476736
8	$\mathcal{O}(1; \{4^2, 8^{16}\})$	274877906944
8	$\mathcal{O}(0; \{2^{30}, 4, 8^2\})$	8
8	$\mathcal{O}(0; \{2^{27}, 4^3, 8^2\})$	32
8	$\mathcal{O}(0; \{2^{24}, 4^5, 8^2\})$	128
8	$\mathcal{O}(0; \{2^{21}, 4^7, 8^2\})$	512
8	$\mathcal{O}(0; \{2^{18}, 4^9, 8^2\})$	2048
8	$\mathcal{O}(0; \{2^{15}, 4^{11}, 8^2\})$	8192
8	$\mathcal{O}(0; \{2^{12}, 4^{13}, 8^2\})$	32768
8	$\mathcal{O}(0; \{2^9, 4^{15}, 8^2\})$	131072
8	$\mathcal{O}(0; \{2^6, 4^{17}, 8^2\})$	524288
8	$\mathcal{O}(0; \{2^3, 4^{19}, 8^2\})$	2097152
8	$\mathcal{O}(0; \{4^{21}, 8^2\})$	8388608
8	$\mathcal{O}(0; \{2^{28}, 8^4\})$	64
8	$\mathcal{O}(0; \{2^{25}, 4^2, 8^4\})$	256
8	$\mathcal{O}(0; \{2^{22}, 4^4, 8^4\})$	1024
8	$\mathcal{O}(0; \{2^{19}, 4^6, 8^4\})$	4096
8	$\mathcal{O}(0; \{2^{16}, 4^8, 8^4\})$	16384
8	$\mathcal{O}(0; \{2^{13}, 4^{10}, 8^4\})$	65536

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^{10}, 4^{12}, 8^4\})$	262144
8	$\mathcal{O}(0; \{2^7, 4^{14}, 8^4\})$	1048576
8	$\mathcal{O}(0; \{2^4, 4^{16}, 8^4\})$	4194304
8	$\mathcal{O}(0; \{2, 4^{18}, 8^4\})$	16777216
8	$\mathcal{O}(0; \{2^{23}, 4, 8^6\})$	2048
8	$\mathcal{O}(0; \{2^{20}, 4^3, 8^6\})$	8192
8	$\mathcal{O}(0; \{2^{17}, 4^5, 8^6\})$	32768
8	$\mathcal{O}(0; \{2^{14}, 4^7, 8^6\})$	131072
8	$\mathcal{O}(0; \{2^{11}, 4^9, 8^6\})$	524288
8	$\mathcal{O}(0; \{2^8, 4^{11}, 8^6\})$	2097152
8	$\mathcal{O}(0; \{2^5, 4^{13}, 8^6\})$	8388608
8	$\mathcal{O}(0; \{2^2, 4^{15}, 8^6\})$	33554432
8	$\mathcal{O}(0; \{2^{21}, 8^8\})$	16384
8	$\mathcal{O}(0; \{2^{18}, 4^2, 8^8\})$	65536
8	$\mathcal{O}(0; \{2^{15}, 4^4, 8^8\})$	262144
8	$\mathcal{O}(0; \{2^{12}, 4^6, 8^8\})$	1048576
8	$\mathcal{O}(0; \{2^9, 4^8, 8^8\})$	4194304
8	$\mathcal{O}(0; \{2^6, 4^{10}, 8^8\})$	16777216
8	$\mathcal{O}(0; \{2^3, 4^{12}, 8^8\})$	67108864
8	$\mathcal{O}(0; \{4^{14}, 8^8\})$	268435456
8	$\mathcal{O}(0; \{2^{16}, 4, 8^{10}\})$	524288
8	$\mathcal{O}(0; \{2^{13}, 4^3, 8^{10}\})$	2097152
8	$\mathcal{O}(0; \{2^{10}, 4^5, 8^{10}\})$	8388608
8	$\mathcal{O}(0; \{2^7, 4^7, 8^{10}\})$	33554432
8	$\mathcal{O}(0; \{2^4, 4^9, 8^{10}\})$	134217728
8	$\mathcal{O}(0; \{2, 4^{11}, 8^{10}\})$	536870912
8	$\mathcal{O}(0; \{2^{14}, 8^{12}\})$	4194304
8	$\mathcal{O}(0; \{2^{11}, 4^2, 8^{12}\})$	16777216
8	$\mathcal{O}(0; \{2^8, 4^4, 8^{12}\})$	67108864
8	$\mathcal{O}(0; \{2^5, 4^6, 8^{12}\})$	268435456
8	$\mathcal{O}(0; \{2^2, 4^8, 8^{12}\})$	1073741824
8	$\mathcal{O}(0; \{2^9, 4, 8^{14}\})$	134217728
8	$\mathcal{O}(0; \{2^6, 4^3, 8^{14}\})$	536870912
8	$\mathcal{O}(0; \{2^3, 4^5, 8^{14}\})$	2147483648
8	$\mathcal{O}(0; \{4^7, 8^{14}\})$	8589934592
8	$\mathcal{O}(0; \{2^7, 8^{16}\})$	1073741824
8	$\mathcal{O}(0; \{2^4, 4^2, 8^{16}\})$	4294967296
8	$\mathcal{O}(0; \{2, 4^4, 8^{16}\})$	17179869184
8	$\mathcal{O}(0; \{2^2, 4, 8^{18}\})$	34359738368
8	$\mathcal{O}(0; \{8^{20}\})$	274877906944
9	$\mathcal{O}(7; \{9^2\})$	137260754729766
9	$\mathcal{O}(6; \{3^3, 9^2\})$	13556617751088
9	$\mathcal{O}(5; \{3^6, 9^2\})$	1338925209984

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(5; \{3^2, 9^5\})$	11297181459240
9	$\mathcal{O}(4; \{3^9, 9^2\})$	132239526912
9	$\mathcal{O}(4; \{3^5, 9^5\})$	1115771008320
9	$\mathcal{O}(4; \{3, 9^8\})$	16192626758244
9	$\mathcal{O}(3; \{3^{12}, 9^2\})$	13060694016
9	$\mathcal{O}(3; \{3^8, 9^5\})$	110199605760
9	$\mathcal{O}(3; \{3^4, 9^8\})$	1599271778592
9	$\mathcal{O}(3; \{9^{11}\})$	21401882653338
9	$\mathcal{O}(2; \{3^{15}, 9^2\})$	1289945088
9	$\mathcal{O}(2; \{3^{11}, 9^5\})$	10883911680
9	$\mathcal{O}(2; \{3^7, 9^8\})$	157952768256
9	$\mathcal{O}(2; \{3^3, 9^{11}\})$	2113766187984
9	$\mathcal{O}(1; \{3^{18}, 9^2\})$	127401984
9	$\mathcal{O}(1; \{3^{14}, 9^5\})$	1074954240
9	$\mathcal{O}(1; \{3^{10}, 9^8\})$	15600273408
9	$\mathcal{O}(1; \{3^6, 9^{11}\})$	208767030912
9	$\mathcal{O}(1; \{3^2, 9^{14}\})$	2821454281224
9	$\mathcal{O}(0; \{3^{21}, 9^2\})$	12582912
9	$\mathcal{O}(0; \{3^{17}, 9^5\})$	106168320
9	$\mathcal{O}(0; \{3^{13}, 9^8\})$	1540767744
9	$\mathcal{O}(0; \{3^9, 9^{11}\})$	20618966016
9	$\mathcal{O}(0; \{3^5, 9^{14}\})$	278662151232
9	$\mathcal{O}(0; \{3, 9^{17}\})$	3761422480980
10	$\mathcal{O}(6; \{5^3\})$	11997070312500
10	$\mathcal{O}(5; \{2^4, 5^3\})$	120000000000
10	$\mathcal{O}(5; \{2^2, 5^2, 10^2\})$	520000000000
10	$\mathcal{O}(5; \{5, 10^4\})$	2040000000000
10	$\mathcal{O}(4; \{2^8, 5^3\})$	1200000000
10	$\mathcal{O}(4; \{5^8\})$	1305679687500
10	$\mathcal{O}(4; \{2^3, 5^5, 10\})$	82000000000
10	$\mathcal{O}(4; \{2^6, 5^2, 10^2\})$	5200000000
10	$\mathcal{O}(4; \{2, 5^4, 10^3\})$	327600000000
10	$\mathcal{O}(4; \{2^4, 5, 10^4\})$	204000000000
10	$\mathcal{O}(4; \{2^2, 10^6\})$	82000000000
10	$\mathcal{O}(3; \{2^{12}, 5^3\})$	12000000
10	$\mathcal{O}(3; \{2^4, 5^8\})$	13108000000
10	$\mathcal{O}(3; \{2^7, 5^5, 10\})$	820000000
10	$\mathcal{O}(3; \{2^{10}, 5^2, 10^2\})$	52000000
10	$\mathcal{O}(3; \{2^2, 5^7, 10^2\})$	52428000000
10	$\mathcal{O}(3; \{2^5, 5^4, 10^3\})$	3276000000
10	$\mathcal{O}(3; \{2^8, 5, 10^4\})$	204000000
10	$\mathcal{O}(3; \{5^6, 10^4\})$	209716000000
10	$\mathcal{O}(3; \{2^3, 5^3, 10^5\})$	13108000000

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{2^6, 10^6\})$	820000000
10	$\mathcal{O}(3; \{2, 5^2, 10^7\})$	52428000000
10	$\mathcal{O}(2; \{2^{16}, 5^3\})$	120000
10	$\mathcal{O}(2; \{2^8, 5^8\})$	131080000
10	$\mathcal{O}(2; \{5^{13}\})$	125829112500
10	$\mathcal{O}(2; \{2^{11}, 5^5, 10\})$	8200000
10	$\mathcal{O}(2; \{2^3, 5^{10}, 10\})$	83886000000
10	$\mathcal{O}(2; \{2^{14}, 5^2, 10^2\})$	520000
10	$\mathcal{O}(2; \{2^6, 5^7, 10^2\})$	524280000
10	$\mathcal{O}(2; \{2^9, 5^4, 10^3\})$	32760000
10	$\mathcal{O}(2; \{2, 5^9, 10^3\})$	33554440000
10	$\mathcal{O}(2; \{2^{12}, 5, 10^4\})$	2040000
10	$\mathcal{O}(2; \{2^4, 5^6, 10^4\})$	2097160000
10	$\mathcal{O}(2; \{2^7, 5^3, 10^5\})$	131080000
10	$\mathcal{O}(2; \{2^{10}, 10^6\})$	8200000
10	$\mathcal{O}(2; \{2^2, 5^5, 10^6\})$	83886000000
10	$\mathcal{O}(2; \{2^5, 5^2, 10^7\})$	524280000
10	$\mathcal{O}(2; \{5^4, 10^8\})$	33554440000
10	$\mathcal{O}(2; \{2^3, 5, 10^9\})$	2097160000
10	$\mathcal{O}(2; \{2, 10^{11}\})$	83886000000
10	$\mathcal{O}(1; \{2^{20}, 5^3\})$	1200
10	$\mathcal{O}(1; \{2^{12}, 5^8\})$	1310800
10	$\mathcal{O}(1; \{2^4, 5^{13}\})$	1342177200
10	$\mathcal{O}(1; \{2^{15}, 5^5, 10\})$	82000
10	$\mathcal{O}(1; \{2^7, 5^{10}, 10\})$	83886000
10	$\mathcal{O}(1; \{2^{18}, 5^2, 10^2\})$	5200
10	$\mathcal{O}(1; \{2^{10}, 5^7, 10^2\})$	5242800
10	$\mathcal{O}(1; \{2^2, 5^{12}, 10^2\})$	5368709200
10	$\mathcal{O}(1; \{2^{13}, 5^4, 10^3\})$	327600
10	$\mathcal{O}(1; \{2^5, 5^9, 10^3\})$	335544400
10	$\mathcal{O}(1; \{2^{16}, 5, 10^4\})$	20400
10	$\mathcal{O}(1; \{2^8, 5^6, 10^4\})$	20971600
10	$\mathcal{O}(1; \{5^{11}, 10^4\})$	21474836400
10	$\mathcal{O}(1; \{2^{11}, 5^3, 10^5\})$	1310800
10	$\mathcal{O}(1; \{2^3, 5^8, 10^5\})$	1342177200
10	$\mathcal{O}(1; \{2^{14}, 10^6\})$	82000
10	$\mathcal{O}(1; \{2^6, 5^5, 10^6\})$	83886000
10	$\mathcal{O}(1; \{2^9, 5^2, 10^7\})$	5242800
10	$\mathcal{O}(1; \{2, 5^7, 10^7\})$	5368709200
10	$\mathcal{O}(1; \{2^4, 5^4, 10^8\})$	335544400
10	$\mathcal{O}(1; \{2^7, 5, 10^9\})$	20971600
10	$\mathcal{O}(1; \{2^2, 5^3, 10^{10}\})$	1342177200
10	$\mathcal{O}(1; \{2^5, 10^{11}\})$	83886000

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{5^2, 10^{12}\})$	5368709200
10	$\mathcal{O}(0; \{2^{24}, 5^3\})$	12
10	$\mathcal{O}(0; \{2^{16}, 5^8\})$	13108
10	$\mathcal{O}(0; \{2^8, 5^{13}\})$	13421772
10	$\mathcal{O}(0; \{2^{19}, 5^5, 10\})$	820
10	$\mathcal{O}(0; \{2^{11}, 5^{10}, 10\})$	838860
10	$\mathcal{O}(0; \{2^3, 5^{15}, 10\})$	858993460
10	$\mathcal{O}(0; \{2^{22}, 5^2, 10^2\})$	52
10	$\mathcal{O}(0; \{2^{14}, 5^7, 10^2\})$	52428
10	$\mathcal{O}(0; \{2^6, 5^{12}, 10^2\})$	53687092
10	$\mathcal{O}(0; \{2^{17}, 5^4, 10^3\})$	3276
10	$\mathcal{O}(0; \{2^9, 5^9, 10^3\})$	3355444
10	$\mathcal{O}(0; \{2, 5^{14}, 10^3\})$	3435973836
10	$\mathcal{O}(0; \{2^{20}, 5, 10^4\})$	204
10	$\mathcal{O}(0; \{2^{12}, 5^6, 10^4\})$	209716
10	$\mathcal{O}(0; \{2^4, 5^{11}, 10^4\})$	214748364
10	$\mathcal{O}(0; \{2^{15}, 5^3, 10^5\})$	13108
10	$\mathcal{O}(0; \{2^7, 5^8, 10^5\})$	13421772
10	$\mathcal{O}(0; \{2^{18}, 10^6\})$	820
10	$\mathcal{O}(0; \{2^{10}, 5^5, 10^6\})$	838860
10	$\mathcal{O}(0; \{2^2, 5^{10}, 10^6\})$	858993460
10	$\mathcal{O}(0; \{2^{13}, 5^2, 10^7\})$	52428
10	$\mathcal{O}(0; \{2^5, 5^7, 10^7\})$	53687092
10	$\mathcal{O}(0; \{2^8, 5^4, 10^8\})$	3355444
10	$\mathcal{O}(0; \{5^9, 10^8\})$	3435973836
10	$\mathcal{O}(0; \{2^{11}, 5, 10^9\})$	209716
10	$\mathcal{O}(0; \{2^3, 5^6, 10^9\})$	214748364
10	$\mathcal{O}(0; \{2^6, 5^3, 10^{10}\})$	13421772
10	$\mathcal{O}(0; \{2^9, 10^{11}\})$	838860
10	$\mathcal{O}(0; \{2, 5^5, 10^{11}\})$	858993460
10	$\mathcal{O}(0; \{2^4, 5^2, 10^{12}\})$	53687092
10	$\mathcal{O}(0; \{2^2, 5, 10^{14}\})$	214748364
10	$\mathcal{O}(0; \{10^{16}\})$	858993460
11	$\mathcal{O}(3; \{11^8\})$	16105101610510
12	$\mathcal{O}(5; \{2^2, 3^2\})$	123713796096
12	$\mathcal{O}(5; \{3, 6^2\})$	123713796096
12	$\mathcal{O}(5; \{3, 4, 12\})$	247669456896
12	$\mathcal{O}(5; \{2, 12^2\})$	247669456896
12	$\mathcal{O}(4; \{2^6, 3^2\})$	856604160
12	$\mathcal{O}(4; \{2^2, 3^5\})$	4283020800
12	$\mathcal{O}(4; \{2^3, 3^2, 4^2\})$	1719926784
12	$\mathcal{O}(4; \{3^2, 4^4\})$	6879707136
12	$\mathcal{O}(4; \{2^3, 3^3, 6\})$	2569812480

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{3^3, 4^2, 6\})$	5159780352
12	$\mathcal{O}(4; \{2^4, 3, 6^2\})$	856604160
12	$\mathcal{O}(4; \{3^4, 6^2\})$	9422645760
12	$\mathcal{O}(4; \{2, 3, 4^2, 6^2\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^2, 6^3\})$	4283020800
12	$\mathcal{O}(4; \{2^2, 6^4\})$	2569812480
12	$\mathcal{O}(4; \{2^4, 3, 4, 12\})$	1719926784
12	$\mathcal{O}(4; \{3^4, 4, 12\})$	8599633920
12	$\mathcal{O}(4; \{2, 3, 4^3, 12\})$	6879707136
12	$\mathcal{O}(4; \{2, 3^2, 4, 6, 12\})$	5159780352
12	$\mathcal{O}(4; \{2^2, 4, 6^2, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^5, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^3, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{2^2, 4^2, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{2^2, 3, 6, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{6^3, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{4, 6, 12^3\})$	20639121408
12	$\mathcal{O}(4; \{3, 12^4\})$	34398535680
12	$\mathcal{O}(3; \{2^{10}, 3^2\})$	5878656
12	$\mathcal{O}(3; \{2^6, 3^5\})$	29393280
12	$\mathcal{O}(3; \{2^2, 3^8\})$	252782208
12	$\mathcal{O}(3; \{2^7, 3^2, 4^2\})$	11943936
12	$\mathcal{O}(3; \{2^3, 3^5, 4^2\})$	59719680
12	$\mathcal{O}(3; \{2^4, 3^2, 4^4\})$	47775744
12	$\mathcal{O}(3; \{3^5, 4^4\})$	238878720
12	$\mathcal{O}(3; \{2, 3^2, 4^6\})$	191102976
12	$\mathcal{O}(3; \{2^7, 3^3, 6\})$	17635968
12	$\mathcal{O}(3; \{2^3, 3^6, 6\})$	123451776
12	$\mathcal{O}(3; \{2^4, 3^3, 4^2, 6\})$	35831808
12	$\mathcal{O}(3; \{3^6, 4^2, 6\})$	250822656
12	$\mathcal{O}(3; \{2, 3^3, 4^4, 6\})$	143327232
12	$\mathcal{O}(3; \{2^8, 3, 6^2\})$	5878656
12	$\mathcal{O}(3; \{2^4, 3^4, 6^2\})$	64665216
12	$\mathcal{O}(3; \{3^7, 6^2\})$	499685760
12	$\mathcal{O}(3; \{2^5, 3, 4^2, 6^2\})$	11943936
12	$\mathcal{O}(3; \{2, 3^4, 4^2, 6^2\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3, 4^4, 6^2\})$	47775744
12	$\mathcal{O}(3; \{2^5, 3^2, 6^3\})$	29393280
12	$\mathcal{O}(3; \{2, 3^5, 6^3\})$	252782208
12	$\mathcal{O}(3; \{2^2, 3^2, 4^2, 6^3\})$	59719680
12	$\mathcal{O}(3; \{2^6, 6^4\})$	17635968
12	$\mathcal{O}(3; \{2^2, 3^3, 6^4\})$	123451776
12	$\mathcal{O}(3; \{2^3, 4^2, 6^4\})$	35831808

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2, 4^3, 6, 12^3\})$	573308928
12	$\mathcal{O}(3; \{2, 3, 4, 6^2, 12^3\})$	525533184
12	$\mathcal{O}(3; \{2^4, 3, 12^4\})$	238878720
12	$\mathcal{O}(3; \{3^4, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2, 3, 4^2, 12^4\})$	955514880
12	$\mathcal{O}(3; \{2, 3^2, 6, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 6^2, 12^4\})$	525533184
12	$\mathcal{O}(3; \{2^2, 4, 12^5\})$	955514880
12	$\mathcal{O}(3; \{6, 12^6\})$	4013162496
12	$\mathcal{O}(2; \{2^{14}, 3^2\})$	38880
12	$\mathcal{O}(2; \{2^{10}, 3^5\})$	194400
12	$\mathcal{O}(2; \{2^6, 3^8\})$	1671840
12	$\mathcal{O}(2; \{2^2, 3^{11}\})$	13258080
12	$\mathcal{O}(2; \{2^{11}, 3^2, 4^2\})$	82944
12	$\mathcal{O}(2; \{2^7, 3^5, 4^2\})$	414720
12	$\mathcal{O}(2; \{2^3, 3^8, 4^2\})$	3566592
12	$\mathcal{O}(2; \{2^8, 3^2, 4^4\})$	331776
12	$\mathcal{O}(2; \{2^4, 3^5, 4^4\})$	1658880
12	$\mathcal{O}(2; \{3^8, 4^4\})$	14266368
12	$\mathcal{O}(2; \{2^5, 3^2, 4^6\})$	1327104
12	$\mathcal{O}(2; \{2, 3^5, 4^6\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^2, 4^8\})$	5308416
12	$\mathcal{O}(2; \{2^{11}, 3^3, 6\})$	116640
12	$\mathcal{O}(2; \{2^7, 3^6, 6\})$	816480
12	$\mathcal{O}(2; \{2^3, 3^9, 6\})$	6648480
12	$\mathcal{O}(2; \{2^8, 3^3, 4^2, 6\})$	248832
12	$\mathcal{O}(2; \{2^4, 3^6, 4^2, 6\})$	1741824
12	$\mathcal{O}(2; \{3^9, 4^2, 6\})$	14183424
12	$\mathcal{O}(2; \{2^5, 3^3, 4^4, 6\})$	995328
12	$\mathcal{O}(2; \{2, 3^6, 4^4, 6\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^3, 4^6, 6\})$	3981312
12	$\mathcal{O}(2; \{2^{12}, 3, 6^2\})$	38880
12	$\mathcal{O}(2; \{2^8, 3^4, 6^2\})$	427680
12	$\mathcal{O}(2; \{2^4, 3^7, 6^2\})$	3304800
12	$\mathcal{O}(2; \{3^{10}, 6^2\})$	26555040
12	$\mathcal{O}(2; \{2^9, 3, 4^2, 6^2\})$	82944
12	$\mathcal{O}(2; \{2^5, 3^4, 4^2, 6^2\})$	912384
12	$\mathcal{O}(2; \{2, 3^7, 4^2, 6^2\})$	7050240
12	$\mathcal{O}(2; \{2^6, 3, 4^4, 6^2\})$	331776
12	$\mathcal{O}(2; \{2^2, 3^4, 4^4, 6^2\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3, 4^6, 6^2\})$	1327104
12	$\mathcal{O}(2; \{3, 4^8, 6^2\})$	5308416
12	$\mathcal{O}(2; \{2^9, 3^2, 6^3\})$	194400

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^5, 3^5, 6^3\})$	1671840
12	$\mathcal{O}(2; \{2, 3^8, 6^3\})$	13258080
12	$\mathcal{O}(2; \{2^6, 3^2, 4^2, 6^3\})$	414720
12	$\mathcal{O}(2; \{2^2, 3^5, 4^2, 6^3\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^2, 4^4, 6^3\})$	1658880
12	$\mathcal{O}(2; \{3^2, 4^6, 6^3\})$	6635520
12	$\mathcal{O}(2; \{2^{10}, 6^4\})$	116640
12	$\mathcal{O}(2; \{2^6, 3^3, 6^4\})$	816480
12	$\mathcal{O}(2; \{2^2, 3^6, 6^4\})$	6648480
12	$\mathcal{O}(2; \{2^7, 4^2, 6^4\})$	248832
12	$\mathcal{O}(2; \{2^3, 3^3, 4^2, 6^4\})$	1741824
12	$\mathcal{O}(2; \{2^4, 4^4, 6^4\})$	995328
12	$\mathcal{O}(2; \{3^3, 4^4, 6^4\})$	6967296
12	$\mathcal{O}(2; \{2, 4^6, 6^4\})$	3981312
12	$\mathcal{O}(2; \{2^7, 3, 6^5\})$	427680
12	$\mathcal{O}(2; \{2^3, 3^4, 6^5\})$	3304800
12	$\mathcal{O}(2; \{2^4, 3, 4^2, 6^5\})$	912384
12	$\mathcal{O}(2; \{3^4, 4^2, 6^5\})$	7050240
12	$\mathcal{O}(2; \{2, 3, 4^4, 6^5\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^2, 6^6\})$	1671840
12	$\mathcal{O}(2; \{3^5, 6^6\})$	13258080
12	$\mathcal{O}(2; \{2, 3^2, 4^2, 6^6\})$	3566592
12	$\mathcal{O}(2; \{2^5, 6^7\})$	816480
12	$\mathcal{O}(2; \{2, 3^3, 6^7\})$	6648480
12	$\mathcal{O}(2; \{2^2, 4^2, 6^7\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3, 6^8\})$	3304800
12	$\mathcal{O}(2; \{6^{10}\})$	6648480
12	$\mathcal{O}(2; \{2^{12}, 3, 4, 12\})$	82944
12	$\mathcal{O}(2; \{2^8, 3^4, 4, 12\})$	414720
12	$\mathcal{O}(2; \{2^4, 3^7, 4, 12\})$	3566592
12	$\mathcal{O}(2; \{3^{10}, 4, 12\})$	28283904
12	$\mathcal{O}(2; \{2^9, 3, 4^3, 12\})$	331776
12	$\mathcal{O}(2; \{2^5, 3^4, 4^3, 12\})$	1658880
12	$\mathcal{O}(2; \{2, 3^7, 4^3, 12\})$	14266368
12	$\mathcal{O}(2; \{2^6, 3, 4^5, 12\})$	1327104
12	$\mathcal{O}(2; \{2^2, 3^4, 4^5, 12\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3, 4^7, 12\})$	5308416
12	$\mathcal{O}(2; \{3, 4^9, 12\})$	21233664
12	$\mathcal{O}(2; \{2^9, 3^2, 4, 6, 12\})$	248832
12	$\mathcal{O}(2; \{2^5, 3^5, 4, 6, 12\})$	1741824
12	$\mathcal{O}(2; \{2, 3^8, 4, 6, 12\})$	14183424
12	$\mathcal{O}(2; \{2^6, 3^2, 4^3, 6, 12\})$	995328
12	$\mathcal{O}(2; \{2^2, 3^5, 4^3, 6, 12\})$	6967296

Continued on next page

Table 3 – continued from previous page

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

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2, 3^5, 6, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^2, 3^2, 4^2, 6, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2^6, 6^2, 12^4\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^3, 6^2, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^3, 4^2, 6^2, 12^4\})$	14598144
12	$\mathcal{O}(2; \{4^4, 6^2, 12^4\})$	58392576
12	$\mathcal{O}(2; \{2^3, 3, 6^3, 12^4\})$	14266368
12	$\mathcal{O}(2; \{3, 4^2, 6^3, 12^4\})$	57065472
12	$\mathcal{O}(2; \{3^2, 6^4, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2, 6^5, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^6, 4, 12^5\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^3, 4, 12^5\})$	57065472
12	$\mathcal{O}(2; \{2^3, 4^3, 12^5\})$	26542080
12	$\mathcal{O}(2; \{4^5, 12^5\})$	106168320
12	$\mathcal{O}(2; \{2^3, 3, 4, 6, 12^5\})$	27869184
12	$\mathcal{O}(2; \{3, 4^3, 6, 12^5\})$	111476736
12	$\mathcal{O}(2; \{3^2, 4, 6^2, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2, 4, 6^3, 12^5\})$	57065472
12	$\mathcal{O}(2; \{2^3, 3^2, 12^6\})$	57065472
12	$\mathcal{O}(2; \{3^2, 4^2, 12^6\})$	228261888
12	$\mathcal{O}(2; \{2^4, 6, 12^6\})$	27869184
12	$\mathcal{O}(2; \{3^3, 6, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2, 4^2, 6, 12^6\})$	111476736
12	$\mathcal{O}(2; \{2, 3, 6^2, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2, 3, 4, 12^7\})$	228261888
12	$\mathcal{O}(2; \{2^2, 12^8\})$	228261888
12	$\mathcal{O}(1; \{2^{18}, 3^2\})$	216
12	$\mathcal{O}(1; \{2^{14}, 3^5\})$	1080
12	$\mathcal{O}(1; \{2^{10}, 3^8\})$	9288
12	$\mathcal{O}(1; \{2^6, 3^{11}\})$	73656
12	$\mathcal{O}(1; \{2^2, 3^{14}\})$	589896
12	$\mathcal{O}(1; \{2^{15}, 3^2, 4^2\})$	576
12	$\mathcal{O}(1; \{2^{11}, 3^5, 4^2\})$	2880
12	$\mathcal{O}(1; \{2^7, 3^8, 4^2\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^{11}, 4^2\})$	196416
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^4\})$	2304
12	$\mathcal{O}(1; \{2^8, 3^5, 4^4\})$	11520
12	$\mathcal{O}(1; \{2^4, 3^8, 4^4\})$	99072
12	$\mathcal{O}(1; \{3^{11}, 4^4\})$	785664
12	$\mathcal{O}(1; \{2^9, 3^2, 4^6\})$	9216
12	$\mathcal{O}(1; \{2^5, 3^5, 4^6\})$	46080
12	$\mathcal{O}(1; \{2, 3^8, 4^6\})$	396288
12	$\mathcal{O}(1; \{2^6, 3^2, 4^8\})$	36864

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3^5, 4^8\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^2, 4^{10}\})$	147456
12	$\mathcal{O}(1; \{3^2, 4^{12}\})$	589824
12	$\mathcal{O}(1; \{2^{15}, 3^3, 6\})$	648
12	$\mathcal{O}(1; \{2^{11}, 3^6, 6\})$	4536
12	$\mathcal{O}(1; \{2^7, 3^9, 6\})$	36936
12	$\mathcal{O}(1; \{2^3, 3^{12}, 6\})$	294840
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^2, 6\})$	1728
12	$\mathcal{O}(1; \{2^8, 3^6, 4^2, 6\})$	12096
12	$\mathcal{O}(1; \{2^4, 3^9, 4^2, 6\})$	98496
12	$\mathcal{O}(1; \{3^{12}, 4^2, 6\})$	786240
12	$\mathcal{O}(1; \{2^9, 3^3, 4^4, 6\})$	6912
12	$\mathcal{O}(1; \{2^5, 3^6, 4^4, 6\})$	48384
12	$\mathcal{O}(1; \{2, 3^9, 4^4, 6\})$	393984
12	$\mathcal{O}(1; \{2^6, 3^3, 4^6, 6\})$	27648
12	$\mathcal{O}(1; \{2^2, 3^6, 4^6, 6\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^3, 4^8, 6\})$	110592
12	$\mathcal{O}(1; \{3^3, 4^{10}, 6\})$	442368
12	$\mathcal{O}(1; \{2^{16}, 3, 6^2\})$	216
12	$\mathcal{O}(1; \{2^{12}, 3^4, 6^2\})$	2376
12	$\mathcal{O}(1; \{2^8, 3^7, 6^2\})$	18360
12	$\mathcal{O}(1; \{2^4, 3^{10}, 6^2\})$	147528
12	$\mathcal{O}(1; \{3^{13}, 6^2\})$	1179576
12	$\mathcal{O}(1; \{2^{13}, 3, 4^2, 6^2\})$	576
12	$\mathcal{O}(1; \{2^9, 3^4, 4^2, 6^2\})$	6336
12	$\mathcal{O}(1; \{2^5, 3^7, 4^2, 6^2\})$	48960
12	$\mathcal{O}(1; \{2, 3^{10}, 4^2, 6^2\})$	393408
12	$\mathcal{O}(1; \{2^{10}, 3, 4^4, 6^2\})$	2304
12	$\mathcal{O}(1; \{2^6, 3^4, 4^4, 6^2\})$	25344
12	$\mathcal{O}(1; \{2^2, 3^7, 4^4, 6^2\})$	195840
12	$\mathcal{O}(1; \{2^7, 3, 4^6, 6^2\})$	9216
12	$\mathcal{O}(1; \{2^3, 3^4, 4^6, 6^2\})$	101376
12	$\mathcal{O}(1; \{2^4, 3, 4^8, 6^2\})$	36864
12	$\mathcal{O}(1; \{3^4, 4^8, 6^2\})$	405504
12	$\mathcal{O}(1; \{2, 3, 4^{10}, 6^2\})$	147456
12	$\mathcal{O}(1; \{2^{13}, 3^2, 6^3\})$	1080
12	$\mathcal{O}(1; \{2^9, 3^5, 6^3\})$	9288
12	$\mathcal{O}(1; \{2^5, 3^8, 6^3\})$	73656
12	$\mathcal{O}(1; \{2, 3^{11}, 6^3\})$	589896
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^2, 6^3\})$	2880
12	$\mathcal{O}(1; \{2^6, 3^5, 4^2, 6^3\})$	24768
12	$\mathcal{O}(1; \{2^2, 3^8, 4^2, 6^3\})$	196416
12	$\mathcal{O}(1; \{2^7, 3^2, 4^4, 6^3\})$	11520

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3^5, 4^4, 6^3\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^2, 4^6, 6^3\})$	46080
12	$\mathcal{O}(1; \{3^5, 4^6, 6^3\})$	396288
12	$\mathcal{O}(1; \{2, 3^2, 4^8, 6^3\})$	184320
12	$\mathcal{O}(1; \{2^{14}, 6^4\})$	648
12	$\mathcal{O}(1; \{2^{10}, 3^3, 6^4\})$	4536
12	$\mathcal{O}(1; \{2^6, 3^6, 6^4\})$	36936
12	$\mathcal{O}(1; \{2^2, 3^9, 6^4\})$	294840
12	$\mathcal{O}(1; \{2^{11}, 4^2, 6^4\})$	1728
12	$\mathcal{O}(1; \{2^7, 3^3, 4^2, 6^4\})$	12096
12	$\mathcal{O}(1; \{2^3, 3^6, 4^2, 6^4\})$	98496
12	$\mathcal{O}(1; \{2^8, 4^4, 6^4\})$	6912
12	$\mathcal{O}(1; \{2^4, 3^3, 4^4, 6^4\})$	48384
12	$\mathcal{O}(1; \{3^6, 4^4, 6^4\})$	393984
12	$\mathcal{O}(1; \{2^5, 4^6, 6^4\})$	27648
12	$\mathcal{O}(1; \{2, 3^3, 4^6, 6^4\})$	193536
12	$\mathcal{O}(1; \{2^2, 4^8, 6^4\})$	110592
12	$\mathcal{O}(1; \{2^{11}, 3, 6^5\})$	2376
12	$\mathcal{O}(1; \{2^7, 3^4, 6^5\})$	18360
12	$\mathcal{O}(1; \{2^3, 3^7, 6^5\})$	147528
12	$\mathcal{O}(1; \{2^8, 3, 4^2, 6^5\})$	6336
12	$\mathcal{O}(1; \{2^4, 3^4, 4^2, 6^5\})$	48960
12	$\mathcal{O}(1; \{3^7, 4^2, 6^5\})$	393408
12	$\mathcal{O}(1; \{2^5, 3, 4^4, 6^5\})$	25344
12	$\mathcal{O}(1; \{2, 3^4, 4^4, 6^5\})$	195840
12	$\mathcal{O}(1; \{2^2, 3, 4^6, 6^5\})$	101376
12	$\mathcal{O}(1; \{2^8, 3^2, 6^6\})$	9288
12	$\mathcal{O}(1; \{2^4, 3^5, 6^6\})$	73656
12	$\mathcal{O}(1; \{3^8, 6^6\})$	589896
12	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 6^6\})$	24768
12	$\mathcal{O}(1; \{2, 3^5, 4^2, 6^6\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 6^6\})$	99072
12	$\mathcal{O}(1; \{2^9, 6^7\})$	4536
12	$\mathcal{O}(1; \{2^5, 3^3, 6^7\})$	36936
12	$\mathcal{O}(1; \{2, 3^6, 6^7\})$	294840
12	$\mathcal{O}(1; \{2^6, 4^2, 6^7\})$	12096
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6^7\})$	98496
12	$\mathcal{O}(1; \{2^3, 4^4, 6^7\})$	48384
12	$\mathcal{O}(1; \{4^6, 6^7\})$	193536
12	$\mathcal{O}(1; \{2^6, 3, 6^8\})$	18360
12	$\mathcal{O}(1; \{2^2, 3^4, 6^8\})$	147528
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^8\})$	48960
12	$\mathcal{O}(1; \{3, 4^4, 6^8\})$	195840

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3^2, 6^9\})$	73656
12	$\mathcal{O}(1; \{3^2, 4^2, 6^9\})$	196416
12	$\mathcal{O}(1; \{2^4, 6^{10}\})$	36936
12	$\mathcal{O}(1; \{3^3, 6^{10}\})$	294840
12	$\mathcal{O}(1; \{2, 4^2, 6^{10}\})$	98496
12	$\mathcal{O}(1; \{2, 3, 6^{11}\})$	147528
12	$\mathcal{O}(1; \{2^{16}, 3, 4, 12\})$	576
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4, 12\})$	2880
12	$\mathcal{O}(1; \{2^8, 3^7, 4, 12\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4, 12\})$	196416
12	$\mathcal{O}(1; \{3^{13}, 4, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{13}, 3, 4^3, 12\})$	2304
12	$\mathcal{O}(1; \{2^9, 3^4, 4^3, 12\})$	11520
12	$\mathcal{O}(1; \{2^5, 3^7, 4^3, 12\})$	99072
12	$\mathcal{O}(1; \{2, 3^{10}, 4^3, 12\})$	785664
12	$\mathcal{O}(1; \{2^{10}, 3, 4^5, 12\})$	9216
12	$\mathcal{O}(1; \{2^6, 3^4, 4^5, 12\})$	46080
12	$\mathcal{O}(1; \{2^2, 3^7, 4^5, 12\})$	396288
12	$\mathcal{O}(1; \{2^7, 3, 4^7, 12\})$	36864
12	$\mathcal{O}(1; \{2^3, 3^4, 4^7, 12\})$	184320
12	$\mathcal{O}(1; \{2^4, 3, 4^9, 12\})$	147456
12	$\mathcal{O}(1; \{3^4, 4^9, 12\})$	737280
12	$\mathcal{O}(1; \{2, 3, 4^{11}, 12\})$	589824
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4, 6, 12\})$	1728
12	$\mathcal{O}(1; \{2^9, 3^5, 4, 6, 12\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^8, 4, 6, 12\})$	98496
12	$\mathcal{O}(1; \{2, 3^{11}, 4, 6, 12\})$	786240
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^3, 6, 12\})$	6912
12	$\mathcal{O}(1; \{2^6, 3^5, 4^3, 6, 12\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^8, 4^3, 6, 12\})$	393984
12	$\mathcal{O}(1; \{2^7, 3^2, 4^5, 6, 12\})$	27648
12	$\mathcal{O}(1; \{2^3, 3^5, 4^5, 6, 12\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^2, 4^7, 6, 12\})$	110592
12	$\mathcal{O}(1; \{3^5, 4^7, 6, 12\})$	774144
12	$\mathcal{O}(1; \{2, 3^2, 4^9, 6, 12\})$	442368
12	$\mathcal{O}(1; \{2^{14}, 4, 6^2, 12\})$	576
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4, 6^2, 12\})$	6336
12	$\mathcal{O}(1; \{2^6, 3^6, 4, 6^2, 12\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^9, 4, 6^2, 12\})$	393408
12	$\mathcal{O}(1; \{2^{11}, 4^3, 6^2, 12\})$	2304
12	$\mathcal{O}(1; \{2^7, 3^3, 4^3, 6^2, 12\})$	25344
12	$\mathcal{O}(1; \{2^3, 3^6, 4^3, 6^2, 12\})$	195840
12	$\mathcal{O}(1; \{2^8, 4^5, 6^2, 12\})$	9216

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^4, 3^3, 4^5, 6^2, 12\})$	101376
12	$\mathcal{O}(1; \{3^6, 4^5, 6^2, 12\})$	783360
12	$\mathcal{O}(1; \{2^5, 4^7, 6^2, 12\})$	36864
12	$\mathcal{O}(1; \{2, 3^3, 4^7, 6^2, 12\})$	405504
12	$\mathcal{O}(1; \{2^2, 4^9, 6^2, 12\})$	147456
12	$\mathcal{O}(1; \{2^{11}, 3, 4, 6^3, 12\})$	2880
12	$\mathcal{O}(1; \{2^7, 3^4, 4, 6^3, 12\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^7, 4, 6^3, 12\})$	196416
12	$\mathcal{O}(1; \{2^8, 3, 4^3, 6^3, 12\})$	11520
12	$\mathcal{O}(1; \{2^4, 3^4, 4^3, 6^3, 12\})$	99072
12	$\mathcal{O}(1; \{3^7, 4^3, 6^3, 12\})$	785664
12	$\mathcal{O}(1; \{2^5, 3, 4^5, 6^3, 12\})$	46080
12	$\mathcal{O}(1; \{2, 3^4, 4^5, 6^3, 12\})$	396288
12	$\mathcal{O}(1; \{2^2, 3, 4^7, 6^3, 12\})$	184320
12	$\mathcal{O}(1; \{2^8, 3^2, 4, 6^4, 12\})$	12096
12	$\mathcal{O}(1; \{2^4, 3^5, 4, 6^4, 12\})$	98496
12	$\mathcal{O}(1; \{3^8, 4, 6^4, 12\})$	786240
12	$\mathcal{O}(1; \{2^5, 3^2, 4^3, 6^4, 12\})$	48384
12	$\mathcal{O}(1; \{2, 3^5, 4^3, 6^4, 12\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^2, 4^5, 6^4, 12\})$	193536
12	$\mathcal{O}(1; \{2^9, 4, 6^5, 12\})$	6336
12	$\mathcal{O}(1; \{2^5, 3^3, 4, 6^5, 12\})$	48960
12	$\mathcal{O}(1; \{2, 3^6, 4, 6^5, 12\})$	393408
12	$\mathcal{O}(1; \{2^6, 4^3, 6^5, 12\})$	25344
12	$\mathcal{O}(1; \{2^2, 3^3, 4^3, 6^5, 12\})$	195840
12	$\mathcal{O}(1; \{2^3, 4^5, 6^5, 12\})$	101376
12	$\mathcal{O}(1; \{4^7, 6^5, 12\})$	405504
12	$\mathcal{O}(1; \{2^6, 3, 4, 6^6, 12\})$	24768
12	$\mathcal{O}(1; \{2^2, 3^4, 4, 6^6, 12\})$	196416
12	$\mathcal{O}(1; \{2^3, 3, 4^3, 6^6, 12\})$	99072
12	$\mathcal{O}(1; \{3, 4^5, 6^6, 12\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 6^7, 12\})$	98496
12	$\mathcal{O}(1; \{3^2, 4^3, 6^7, 12\})$	393984
12	$\mathcal{O}(1; \{2^4, 4, 6^8, 12\})$	48960
12	$\mathcal{O}(1; \{3^3, 4, 6^8, 12\})$	393408
12	$\mathcal{O}(1; \{2, 4^3, 6^8, 12\})$	195840
12	$\mathcal{O}(1; \{2, 3, 4, 6^9, 12\})$	196416
12	$\mathcal{O}(1; \{2^{17}, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{13}, 3^3, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^9, 3^6, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^9, 12^2\})$	196416
12	$\mathcal{O}(1; \{2, 3^{12}, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^{14}, 4^2, 12^2\})$	2304

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^2, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^6, 3^6, 4^2, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^9, 4^2, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^{11}, 4^4, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^7, 3^3, 4^4, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^3, 3^6, 4^4, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^8, 4^6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^4, 3^3, 4^6, 12^2\})$	184320
12	$\mathcal{O}(1; \{3^6, 4^6, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^5, 4^8, 12^2\})$	147456
12	$\mathcal{O}(1; \{2, 3^3, 4^8, 12^2\})$	737280
12	$\mathcal{O}(1; \{2^2, 4^{10}, 12^2\})$	589824
12	$\mathcal{O}(1; \{2^{14}, 3, 6, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{10}, 3^4, 6, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^7, 6, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^{10}, 6, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^{11}, 3, 4^2, 6, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^7, 3^4, 4^2, 6, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^7, 4^2, 6, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^8, 3, 4^4, 6, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^4, 3^4, 4^4, 6, 12^2\})$	193536
12	$\mathcal{O}(1; \{3^7, 4^4, 6, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3, 4^6, 6, 12^2\})$	110592
12	$\mathcal{O}(1; \{2, 3^4, 4^6, 6, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^2, 3, 4^8, 6, 12^2\})$	442368
12	$\mathcal{O}(1; \{2^{11}, 3^2, 6^2, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^7, 3^5, 6^2, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^8, 6^2, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^8, 3^2, 4^2, 6^2, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^5, 4^2, 6^2, 12^2\})$	195840
12	$\mathcal{O}(1; \{3^8, 4^2, 6^2, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^5, 3^2, 4^4, 6^2, 12^2\})$	101376
12	$\mathcal{O}(1; \{2, 3^5, 4^4, 6^2, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^2, 4^6, 6^2, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^{12}, 6^3, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^8, 3^3, 6^3, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^6, 6^3, 12^2\})$	196416
12	$\mathcal{O}(1; \{3^9, 6^3, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^9, 4^2, 6^3, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^5, 3^3, 4^2, 6^3, 12^2\})$	99072
12	$\mathcal{O}(1; \{2, 3^6, 4^2, 6^3, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^6, 4^4, 6^3, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^2, 3^3, 4^4, 6^3, 12^2\})$	396288

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 4^6, 6^3, 12^2\})$	184320
12	$\mathcal{O}(1; \{4^8, 6^3, 12^2\})$	737280
12	$\mathcal{O}(1; \{2^9, 3, 6^4, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^4, 6^4, 12^2\})$	98496
12	$\mathcal{O}(1; \{2, 3^7, 6^4, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 6^4, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 6^4, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 6^4, 12^2\})$	193536
12	$\mathcal{O}(1; \{3, 4^6, 6^4, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^6, 3^2, 6^5, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^5, 6^5, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6^5, 12^2\})$	195840
12	$\mathcal{O}(1; \{3^2, 4^4, 6^5, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^7, 6^6, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^3, 6^6, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^4, 4^2, 6^6, 12^2\})$	99072
12	$\mathcal{O}(1; \{3^3, 4^2, 6^6, 12^2\})$	785664
12	$\mathcal{O}(1; \{2, 4^4, 6^6, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^4, 3, 6^7, 12^2\})$	98496
12	$\mathcal{O}(1; \{3^4, 6^7, 12^2\})$	786240
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^7, 12^2\})$	393984
12	$\mathcal{O}(1; \{2, 3^2, 6^8, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^2, 6^9, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^5, 4, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^8, 4, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^8, 3^2, 4^3, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^5, 4^3, 12^3\})$	396288
12	$\mathcal{O}(1; \{3^8, 4^3, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^5, 3^2, 4^5, 12^3\})$	184320
12	$\mathcal{O}(1; \{2, 3^5, 4^5, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^2, 4^7, 12^3\})$	737280
12	$\mathcal{O}(1; \{2^{12}, 4, 6, 12^3\})$	6912
12	$\mathcal{O}(1; \{2^8, 3^3, 4, 6, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^6, 4, 6, 12^3\})$	393984
12	$\mathcal{O}(1; \{3^9, 4, 6, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^9, 4^3, 6, 12^3\})$	27648
12	$\mathcal{O}(1; \{2^5, 3^3, 4^3, 6, 12^3\})$	193536
12	$\mathcal{O}(1; \{2, 3^6, 4^3, 6, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^6, 4^5, 6, 12^3\})$	110592
12	$\mathcal{O}(1; \{2^2, 3^3, 4^5, 6, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^3, 4^7, 6, 12^3\})$	442368
12	$\mathcal{O}(1; \{4^9, 6, 12^3\})$	1769472

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^9, 3, 4, 6^2, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^4, 4, 6^2, 12^3\})$	195840
12	$\mathcal{O}(1; \{2, 3^7, 4, 6^2, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^6, 3, 4^3, 6^2, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^4, 4^3, 6^2, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^3, 3, 4^5, 6^2, 12^3\})$	405504
12	$\mathcal{O}(1; \{3, 4^7, 6^2, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2^6, 3^2, 4, 6^3, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^5, 4, 6^3, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^2, 4^3, 6^3, 12^3\})$	396288
12	$\mathcal{O}(1; \{3^2, 4^5, 6^3, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^7, 4, 6^4, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^3, 4, 6^4, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^4, 4^3, 6^4, 12^3\})$	193536
12	$\mathcal{O}(1; \{3^3, 4^3, 6^4, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2, 4^5, 6^4, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^4, 3, 4, 6^5, 12^3\})$	195840
12	$\mathcal{O}(1; \{3^4, 4, 6^5, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2, 3, 4^3, 6^5, 12^3\})$	783360
12	$\mathcal{O}(1; \{2, 3^2, 4, 6^6, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^2, 4, 6^7, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^{12}, 3, 12^4\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^4, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^7, 12^4\})$	785664
12	$\mathcal{O}(1; \{3^{10}, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^9, 3, 4^2, 12^4\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^4, 4^2, 12^4\})$	396288
12	$\mathcal{O}(1; \{2, 3^7, 4^2, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^6, 3, 4^4, 12^4\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^4, 4^4, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3, 4^6, 12^4\})$	737280
12	$\mathcal{O}(1; \{3, 4^8, 12^4\})$	2949120
12	$\mathcal{O}(1; \{2^9, 3^2, 6, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^5, 6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2, 3^8, 6, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^6, 3^2, 4^2, 6, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^5, 4^2, 6, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^2, 4^4, 6, 12^4\})$	774144
12	$\mathcal{O}(1; \{3^2, 4^6, 6, 12^4\})$	3096576
12	$\mathcal{O}(1; \{2^{10}, 6^2, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^3, 6^2, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^6, 6^2, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^7, 4^2, 6^2, 12^4\})$	101376

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 6^2, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^4, 4^4, 6^2, 12^4\})$	405504
12	$\mathcal{O}(1; \{3^3, 4^4, 6^2, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2, 4^6, 6^2, 12^4\})$	1622016
12	$\mathcal{O}(1; \{2^7, 3, 6^3, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^4, 6^3, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 6^3, 12^4\})$	396288
12	$\mathcal{O}(1; \{3^4, 4^2, 6^3, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2, 3, 4^4, 6^3, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3^2, 6^4, 12^4\})$	393984
12	$\mathcal{O}(1; \{3^5, 6^4, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^4, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^5, 6^5, 12^4\})$	195840
12	$\mathcal{O}(1; \{2, 3^3, 6^5, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^2, 4^2, 6^5, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^2, 3, 6^6, 12^4\})$	785664
12	$\mathcal{O}(1; \{6^8, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^{10}, 4, 12^5\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^3, 4, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^6, 4, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^7, 4^3, 12^5\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^3, 4^3, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2^4, 4^5, 12^5\})$	737280
12	$\mathcal{O}(1; \{3^3, 4^5, 12^5\})$	6340608
12	$\mathcal{O}(1; \{2, 4^7, 12^5\})$	2949120
12	$\mathcal{O}(1; \{2^7, 3, 4, 6, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^4, 4, 6, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3, 4^3, 6, 12^5\})$	774144
12	$\mathcal{O}(1; \{3^4, 4^3, 6, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2, 3, 4^5, 6, 12^5\})$	3096576
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 6^2, 12^5\})$	783360
12	$\mathcal{O}(1; \{3^5, 4, 6^2, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2, 3^2, 4^3, 6^2, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2^5, 4, 6^3, 12^5\})$	396288
12	$\mathcal{O}(1; \{2, 3^3, 4, 6^3, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^2, 4^3, 6^3, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3, 4, 6^4, 12^5\})$	1575936
12	$\mathcal{O}(1; \{4, 6^6, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^7, 3^2, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^5, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 12^6\})$	1585152
12	$\mathcal{O}(1; \{3^5, 4^2, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2, 3^2, 4^4, 12^6\})$	6340608

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^8, 6, 12^6\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^3, 6, 12^6\})$	1575936
12	$\mathcal{O}(1; \{3^6, 6, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^5, 4^2, 6, 12^6\})$	774144
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 6, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2^2, 4^4, 6, 12^6\})$	3096576
12	$\mathcal{O}(1; \{2^5, 3, 6^2, 12^6\})$	783360
12	$\mathcal{O}(1; \{2, 3^4, 6^2, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^2, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^2, 6^3, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^3, 6^4, 12^6\})$	1575936
12	$\mathcal{O}(1; \{4^2, 6^4, 12^6\})$	6303744
12	$\mathcal{O}(1; \{3, 6^5, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^5, 3, 4, 12^7\})$	1585152
12	$\mathcal{O}(1; \{2, 3^4, 4, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 12^7\})$	6340608
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2^3, 4, 6^2, 12^7\})$	3133440
12	$\mathcal{O}(1; \{4^3, 6^2, 12^7\})$	12533760
12	$\mathcal{O}(1; \{3, 4, 6^3, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2^6, 12^8\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^3, 12^8\})$	12570624
12	$\mathcal{O}(1; \{2^3, 4^2, 12^8\})$	6340608
12	$\mathcal{O}(1; \{4^4, 12^8\})$	25362432
12	$\mathcal{O}(1; \{2^3, 3, 6, 12^8\})$	6303744
12	$\mathcal{O}(1; \{3, 4^2, 6, 12^8\})$	25214976
12	$\mathcal{O}(1; \{3^2, 6^2, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2, 6^3, 12^8\})$	12570624
12	$\mathcal{O}(1; \{3^2, 4, 12^9\})$	50282496
12	$\mathcal{O}(1; \{2, 4, 6, 12^9\})$	25214976
12	$\mathcal{O}(1; \{2, 3, 12^{10}\})$	50282496
12	$\mathcal{O}(0; \{2^{19}, 3^2, 4^2\})$	4
12	$\mathcal{O}(0; \{2^{15}, 3^5, 4^2\})$	20
12	$\mathcal{O}(0; \{2^{11}, 3^8, 4^2\})$	172
12	$\mathcal{O}(0; \{2^7, 3^{11}, 4^2\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^{14}, 4^2\})$	10924
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^4\})$	16
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^4\})$	80
12	$\mathcal{O}(0; \{2^8, 3^8, 4^4\})$	688
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^4\})$	5456
12	$\mathcal{O}(0; \{3^{14}, 4^4\})$	43696
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^6\})$	64
12	$\mathcal{O}(0; \{2^9, 3^5, 4^6\})$	320

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^8, 4^6\})$	2752
12	$\mathcal{O}(0; \{2, 3^{11}, 4^6\})$	21824
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^8\})$	256
12	$\mathcal{O}(0; \{2^6, 3^5, 4^8\})$	1280
12	$\mathcal{O}(0; \{2^2, 3^8, 4^8\})$	11008
12	$\mathcal{O}(0; \{2^7, 3^2, 4^{10}\})$	1024
12	$\mathcal{O}(0; \{2^3, 3^5, 4^{10}\})$	5120
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{12}\})$	4096
12	$\mathcal{O}(0; \{3^5, 4^{12}\})$	20480
12	$\mathcal{O}(0; \{2, 3^2, 4^{14}\})$	16384
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^2, 6\})$	12
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^2, 6\})$	84
12	$\mathcal{O}(0; \{2^8, 3^9, 4^2, 6\})$	684
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^2, 6\})$	5460
12	$\mathcal{O}(0; \{3^{15}, 4^2, 6\})$	43692
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^4, 6\})$	48
12	$\mathcal{O}(0; \{2^9, 3^6, 4^4, 6\})$	336
12	$\mathcal{O}(0; \{2^5, 3^9, 4^4, 6\})$	2736
12	$\mathcal{O}(0; \{2, 3^{12}, 4^4, 6\})$	21840
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^6, 6\})$	192
12	$\mathcal{O}(0; \{2^6, 3^6, 4^6, 6\})$	1344
12	$\mathcal{O}(0; \{2^2, 3^9, 4^6, 6\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^3, 4^8, 6\})$	768
12	$\mathcal{O}(0; \{2^3, 3^6, 4^8, 6\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{10}, 6\})$	3072
12	$\mathcal{O}(0; \{3^6, 4^{10}, 6\})$	21504
12	$\mathcal{O}(0; \{2, 3^3, 4^{12}, 6\})$	12288
12	$\mathcal{O}(0; \{2^{17}, 3, 4^2, 6^2\})$	4
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^2, 6^2\})$	44
12	$\mathcal{O}(0; \{2^9, 3^7, 4^2, 6^2\})$	340
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^2, 6^2\})$	2732
12	$\mathcal{O}(0; \{2, 3^{13}, 4^2, 6^2\})$	21844
12	$\mathcal{O}(0; \{2^{14}, 3, 4^4, 6^2\})$	16
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^4, 6^2\})$	176
12	$\mathcal{O}(0; \{2^6, 3^7, 4^4, 6^2\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^4, 6^2\})$	10928
12	$\mathcal{O}(0; \{2^{11}, 3, 4^6, 6^2\})$	64
12	$\mathcal{O}(0; \{2^7, 3^4, 4^6, 6^2\})$	704
12	$\mathcal{O}(0; \{2^3, 3^7, 4^6, 6^2\})$	5440
12	$\mathcal{O}(0; \{2^8, 3, 4^8, 6^2\})$	256
12	$\mathcal{O}(0; \{2^4, 3^4, 4^8, 6^2\})$	2816
12	$\mathcal{O}(0; \{3^7, 4^8, 6^2\})$	21760
12	$\mathcal{O}(0; \{2^5, 3, 4^{10}, 6^2\})$	1024

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^4, 4^{10}, 6^2\})$	11264
12	$\mathcal{O}(0; \{2^2, 3, 4^{12}, 6^2\})$	4096
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^2, 6^3\})$	20
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^2, 6^3\})$	172
12	$\mathcal{O}(0; \{2^6, 3^8, 4^2, 6^3\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^2, 6^3\})$	10924
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^4, 6^3\})$	80
12	$\mathcal{O}(0; \{2^7, 3^5, 4^4, 6^3\})$	688
12	$\mathcal{O}(0; \{2^3, 3^8, 4^4, 6^3\})$	5456
12	$\mathcal{O}(0; \{2^8, 3^2, 4^6, 6^3\})$	320
12	$\mathcal{O}(0; \{2^4, 3^5, 4^6, 6^3\})$	2752
12	$\mathcal{O}(0; \{3^8, 4^6, 6^3\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^2, 4^8, 6^3\})$	1280
12	$\mathcal{O}(0; \{2, 3^5, 4^8, 6^3\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{10}, 6^3\})$	5120
12	$\mathcal{O}(0; \{2^{15}, 4^2, 6^4\})$	12
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^2, 6^4\})$	84
12	$\mathcal{O}(0; \{2^7, 3^6, 4^2, 6^4\})$	684
12	$\mathcal{O}(0; \{2^3, 3^9, 4^2, 6^4\})$	5460
12	$\mathcal{O}(0; \{2^{12}, 4^4, 6^4\})$	48
12	$\mathcal{O}(0; \{2^8, 3^3, 4^4, 6^4\})$	336
12	$\mathcal{O}(0; \{2^4, 3^6, 4^4, 6^4\})$	2736
12	$\mathcal{O}(0; \{3^9, 4^4, 6^4\})$	21840
12	$\mathcal{O}(0; \{2^9, 4^6, 6^4\})$	192
12	$\mathcal{O}(0; \{2^5, 3^3, 4^6, 6^4\})$	1344
12	$\mathcal{O}(0; \{2, 3^6, 4^6, 6^4\})$	10944
12	$\mathcal{O}(0; \{2^6, 4^8, 6^4\})$	768
12	$\mathcal{O}(0; \{2^2, 3^3, 4^8, 6^4\})$	5376
12	$\mathcal{O}(0; \{2^3, 4^{10}, 6^4\})$	3072
12	$\mathcal{O}(0; \{4^{12}, 6^4\})$	12288
12	$\mathcal{O}(0; \{2^{12}, 3, 4^2, 6^5\})$	44
12	$\mathcal{O}(0; \{2^8, 3^4, 4^2, 6^5\})$	340
12	$\mathcal{O}(0; \{2^4, 3^7, 4^2, 6^5\})$	2732
12	$\mathcal{O}(0; \{3^{10}, 4^2, 6^5\})$	21844
12	$\mathcal{O}(0; \{2^9, 3, 4^4, 6^5\})$	176
12	$\mathcal{O}(0; \{2^5, 3^4, 4^4, 6^5\})$	1360
12	$\mathcal{O}(0; \{2, 3^7, 4^4, 6^5\})$	10928
12	$\mathcal{O}(0; \{2^6, 3, 4^6, 6^5\})$	704
12	$\mathcal{O}(0; \{2^2, 3^4, 4^6, 6^5\})$	5440
12	$\mathcal{O}(0; \{2^3, 3, 4^8, 6^5\})$	2816
12	$\mathcal{O}(0; \{3, 4^{10}, 6^5\})$	11264
12	$\mathcal{O}(0; \{2^9, 3^2, 4^2, 6^6\})$	172
12	$\mathcal{O}(0; \{2^5, 3^5, 4^2, 6^6\})$	1364

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^8, 4^2, 6^6\})$	10924
12	$\mathcal{O}(0; \{2^6, 3^2, 4^4, 6^6\})$	688
12	$\mathcal{O}(0; \{2^2, 3^5, 4^4, 6^6\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^2, 4^6, 6^6\})$	2752
12	$\mathcal{O}(0; \{3^2, 4^8, 6^6\})$	11008
12	$\mathcal{O}(0; \{2^{10}, 4^2, 6^7\})$	84
12	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 6^7\})$	684
12	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 6^7\})$	5460
12	$\mathcal{O}(0; \{2^7, 4^4, 6^7\})$	336
12	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 6^7\})$	2736
12	$\mathcal{O}(0; \{2^4, 4^6, 6^7\})$	1344
12	$\mathcal{O}(0; \{3^3, 4^6, 6^7\})$	10944
12	$\mathcal{O}(0; \{2, 4^8, 6^7\})$	5376
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 6^8\})$	340
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6^8\})$	2732
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 6^8\})$	1360
12	$\mathcal{O}(0; \{3^4, 4^4, 6^8\})$	10928
12	$\mathcal{O}(0; \{2, 3, 4^6, 6^8\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^9\})$	1364
12	$\mathcal{O}(0; \{3^5, 4^2, 6^9\})$	10924
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^9\})$	5456
12	$\mathcal{O}(0; \{2^5, 4^2, 6^{10}\})$	684
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^{10}\})$	5460
12	$\mathcal{O}(0; \{2^2, 4^4, 6^{10}\})$	2736
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^{11}\})$	2732
12	$\mathcal{O}(0; \{4^2, 6^{13}\})$	5460
12	$\mathcal{O}(0; \{2^{20}, 3, 4, 12\})$	4
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4, 12\})$	20
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4, 12\})$	172
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4, 12\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4, 12\})$	10924
12	$\mathcal{O}(0; \{3^{16}, 4, 12\})$	87380
12	$\mathcal{O}(0; \{2^{17}, 3, 4^3, 12\})$	16
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^3, 12\})$	80
12	$\mathcal{O}(0; \{2^9, 3^7, 4^3, 12\})$	688
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^3, 12\})$	5456
12	$\mathcal{O}(0; \{2, 3^{13}, 4^3, 12\})$	43696
12	$\mathcal{O}(0; \{2^{14}, 3, 4^5, 12\})$	64
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^5, 12\})$	320
12	$\mathcal{O}(0; \{2^6, 3^7, 4^5, 12\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^5, 12\})$	21824
12	$\mathcal{O}(0; \{2^{11}, 3, 4^7, 12\})$	256
12	$\mathcal{O}(0; \{2^7, 3^4, 4^7, 12\})$	1280

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^7, 4^7, 12\})$	11008
12	$\mathcal{O}(0; \{2^8, 3, 4^9, 12\})$	1024
12	$\mathcal{O}(0; \{2^4, 3^4, 4^9, 12\})$	5120
12	$\mathcal{O}(0; \{3^7, 4^9, 12\})$	44032
12	$\mathcal{O}(0; \{2^5, 3, 4^{11}, 12\})$	4096
12	$\mathcal{O}(0; \{2, 3^4, 4^{11}, 12\})$	20480
12	$\mathcal{O}(0; \{2^2, 3, 4^{13}, 12\})$	16384
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4, 6, 12\})$	12
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4, 6, 12\})$	84
12	$\mathcal{O}(0; \{2^9, 3^8, 4, 6, 12\})$	684
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4, 6, 12\})$	5460
12	$\mathcal{O}(0; \{2, 3^{14}, 4, 6, 12\})$	43692
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^3, 6, 12\})$	48
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^3, 6, 12\})$	336
12	$\mathcal{O}(0; \{2^6, 3^8, 4^3, 6, 12\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^3, 6, 12\})$	21840
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^5, 6, 12\})$	192
12	$\mathcal{O}(0; \{2^7, 3^5, 4^5, 6, 12\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^8, 4^5, 6, 12\})$	10944
12	$\mathcal{O}(0; \{2^8, 3^2, 4^7, 6, 12\})$	768
12	$\mathcal{O}(0; \{2^4, 3^5, 4^7, 6, 12\})$	5376
12	$\mathcal{O}(0; \{3^8, 4^7, 6, 12\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^2, 4^9, 6, 12\})$	3072
12	$\mathcal{O}(0; \{2, 3^5, 4^9, 6, 12\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{11}, 6, 12\})$	12288
12	$\mathcal{O}(0; \{2^{18}, 4, 6^2, 12\})$	4
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4, 6^2, 12\})$	44
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4, 6^2, 12\})$	340
12	$\mathcal{O}(0; \{2^6, 3^9, 4, 6^2, 12\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4, 6^2, 12\})$	21844
12	$\mathcal{O}(0; \{2^{15}, 4^3, 6^2, 12\})$	16
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^3, 6^2, 12\})$	176
12	$\mathcal{O}(0; \{2^7, 3^6, 4^3, 6^2, 12\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^9, 4^3, 6^2, 12\})$	10928
12	$\mathcal{O}(0; \{2^{12}, 4^5, 6^2, 12\})$	64
12	$\mathcal{O}(0; \{2^8, 3^3, 4^5, 6^2, 12\})$	704
12	$\mathcal{O}(0; \{2^4, 3^6, 4^5, 6^2, 12\})$	5440
12	$\mathcal{O}(0; \{3^9, 4^5, 6^2, 12\})$	43712
12	$\mathcal{O}(0; \{2^9, 4^7, 6^2, 12\})$	256
12	$\mathcal{O}(0; \{2^5, 3^3, 4^7, 6^2, 12\})$	2816
12	$\mathcal{O}(0; \{2, 3^6, 4^7, 6^2, 12\})$	21760
12	$\mathcal{O}(0; \{2^6, 4^9, 6^2, 12\})$	1024
12	$\mathcal{O}(0; \{2^2, 3^3, 4^9, 6^2, 12\})$	11264

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 4^{11}, 6^2, 12\})$	4096
12	$\mathcal{O}(0; \{4^{13}, 6^2, 12\})$	16384
12	$\mathcal{O}(0; \{2^{15}, 3, 4, 6^3, 12\})$	20
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4, 6^3, 12\})$	172
12	$\mathcal{O}(0; \{2^7, 3^7, 4, 6^3, 12\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4, 6^3, 12\})$	10924
12	$\mathcal{O}(0; \{2^{12}, 3, 4^3, 6^3, 12\})$	80
12	$\mathcal{O}(0; \{2^8, 3^4, 4^3, 6^3, 12\})$	688
12	$\mathcal{O}(0; \{2^4, 3^7, 4^3, 6^3, 12\})$	5456
12	$\mathcal{O}(0; \{3^{10}, 4^3, 6^3, 12\})$	43696
12	$\mathcal{O}(0; \{2^9, 3, 4^5, 6^3, 12\})$	320
12	$\mathcal{O}(0; \{2^5, 3^4, 4^5, 6^3, 12\})$	2752
12	$\mathcal{O}(0; \{2, 3^7, 4^5, 6^3, 12\})$	21824
12	$\mathcal{O}(0; \{2^6, 3, 4^7, 6^3, 12\})$	1280
12	$\mathcal{O}(0; \{2^2, 3^4, 4^7, 6^3, 12\})$	11008
12	$\mathcal{O}(0; \{2^3, 3, 4^9, 6^3, 12\})$	5120
12	$\mathcal{O}(0; \{3, 4^{11}, 6^3, 12\})$	20480
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4, 6^4, 12\})$	84
12	$\mathcal{O}(0; \{2^8, 3^5, 4, 6^4, 12\})$	684
12	$\mathcal{O}(0; \{2^4, 3^8, 4, 6^4, 12\})$	5460
12	$\mathcal{O}(0; \{3^{11}, 4, 6^4, 12\})$	43692
12	$\mathcal{O}(0; \{2^9, 3^2, 4^3, 6^4, 12\})$	336
12	$\mathcal{O}(0; \{2^5, 3^5, 4^3, 6^4, 12\})$	2736
12	$\mathcal{O}(0; \{2, 3^8, 4^3, 6^4, 12\})$	21840
12	$\mathcal{O}(0; \{2^6, 3^2, 4^5, 6^4, 12\})$	1344
12	$\mathcal{O}(0; \{2^2, 3^5, 4^5, 6^4, 12\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^2, 4^7, 6^4, 12\})$	5376
12	$\mathcal{O}(0; \{3^2, 4^9, 6^4, 12\})$	21504
12	$\mathcal{O}(0; \{2^{13}, 4, 6^5, 12\})$	44
12	$\mathcal{O}(0; \{2^9, 3^3, 4, 6^5, 12\})$	340
12	$\mathcal{O}(0; \{2^5, 3^6, 4, 6^5, 12\})$	2732
12	$\mathcal{O}(0; \{2, 3^9, 4, 6^5, 12\})$	21844
12	$\mathcal{O}(0; \{2^{10}, 4^3, 6^5, 12\})$	176
12	$\mathcal{O}(0; \{2^6, 3^3, 4^3, 6^5, 12\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^6, 4^3, 6^5, 12\})$	10928
12	$\mathcal{O}(0; \{2^7, 4^5, 6^5, 12\})$	704
12	$\mathcal{O}(0; \{2^3, 3^3, 4^5, 6^5, 12\})$	5440
12	$\mathcal{O}(0; \{2^4, 4^7, 6^5, 12\})$	2816
12	$\mathcal{O}(0; \{3^3, 4^7, 6^5, 12\})$	21760
12	$\mathcal{O}(0; \{2, 4^9, 6^5, 12\})$	11264
12	$\mathcal{O}(0; \{2^{10}, 3, 4, 6^6, 12\})$	172
12	$\mathcal{O}(0; \{2^6, 3^4, 4, 6^6, 12\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^7, 4, 6^6, 12\})$	10924

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^7, 3, 4^3, 6^6, 12\})$	688
12	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 6^6, 12\})$	5456
12	$\mathcal{O}(0; \{2^4, 3, 4^5, 6^6, 12\})$	2752
12	$\mathcal{O}(0; \{3^4, 4^5, 6^6, 12\})$	21824
12	$\mathcal{O}(0; \{2, 3, 4^7, 6^6, 12\})$	11008
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 6^7, 12\})$	684
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 6^7, 12\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6^7, 12\})$	2736
12	$\mathcal{O}(0; \{3^5, 4^3, 6^7, 12\})$	21840
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 6^7, 12\})$	10944
12	$\mathcal{O}(0; \{2^8, 4, 6^8, 12\})$	340
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^8, 12\})$	2732
12	$\mathcal{O}(0; \{3^6, 4, 6^8, 12\})$	21844
12	$\mathcal{O}(0; \{2^5, 4^3, 6^8, 12\})$	1360
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^8, 12\})$	10928
12	$\mathcal{O}(0; \{2^2, 4^5, 6^8, 12\})$	5440
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^9, 12\})$	1364
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^9, 12\})$	10924
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^9, 12\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^{10}, 12\})$	5460
12	$\mathcal{O}(0; \{2^3, 4, 6^{11}, 12\})$	2732
12	$\mathcal{O}(0; \{4^3, 6^{11}, 12\})$	10928
12	$\mathcal{O}(0; \{3, 4, 6^{12}, 12\})$	10924
12	$\mathcal{O}(0; \{2^{21}, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{17}, 3^3, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{13}, 3^6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^9, 3^9, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^{12}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2, 3^{15}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{18}, 4^2, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^2, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^2, 12^2\})$	688
12	$\mathcal{O}(0; \{2^6, 3^9, 4^2, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^2, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^{15}, 4^4, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^4, 12^2\})$	320
12	$\mathcal{O}(0; \{2^7, 3^6, 4^4, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^9, 4^4, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^{12}, 4^6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^8, 3^3, 4^6, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^6, 4^6, 12^2\})$	11008
12	$\mathcal{O}(0; \{3^9, 4^6, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^9, 4^8, 12^2\})$	1024

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^3, 4^8, 12^2\})$	5120
12	$\mathcal{O}(0; \{2, 3^6, 4^8, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^6, 4^{10}, 12^2\})$	4096
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{10}, 12^2\})$	20480
12	$\mathcal{O}(0; \{2^3, 4^{12}, 12^2\})$	16384
12	$\mathcal{O}(0; \{4^{14}, 12^2\})$	65536
12	$\mathcal{O}(0; \{2^{18}, 3, 6, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{14}, 3^4, 6, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^7, 6, 12^2\})$	684
12	$\mathcal{O}(0; \{2^6, 3^{10}, 6, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{13}, 6, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{15}, 3, 4^2, 6, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^2, 6, 12^2\})$	336
12	$\mathcal{O}(0; \{2^7, 3^7, 4^2, 6, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^2, 6, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^{12}, 3, 4^4, 6, 12^2\})$	192
12	$\mathcal{O}(0; \{2^8, 3^4, 4^4, 6, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^7, 4^4, 6, 12^2\})$	10944
12	$\mathcal{O}(0; \{3^{10}, 4^4, 6, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^9, 3, 4^6, 6, 12^2\})$	768
12	$\mathcal{O}(0; \{2^5, 3^4, 4^6, 6, 12^2\})$	5376
12	$\mathcal{O}(0; \{2, 3^7, 4^6, 6, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^6, 3, 4^8, 6, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^2, 3^4, 4^8, 6, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^3, 3, 4^{10}, 6, 12^2\})$	12288
12	$\mathcal{O}(0; \{3, 4^{12}, 6, 12^2\})$	49152
12	$\mathcal{O}(0; \{2^{15}, 3^2, 6^2, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^5, 6^2, 12^2\})$	340
12	$\mathcal{O}(0; \{2^7, 3^8, 6^2, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^{11}, 6^2, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^2, 6^2, 12^2\})$	176
12	$\mathcal{O}(0; \{2^8, 3^5, 4^2, 6^2, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^8, 4^2, 6^2, 12^2\})$	10928
12	$\mathcal{O}(0; \{3^{11}, 4^2, 6^2, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^9, 3^2, 4^4, 6^2, 12^2\})$	704
12	$\mathcal{O}(0; \{2^5, 3^5, 4^4, 6^2, 12^2\})$	5440
12	$\mathcal{O}(0; \{2, 3^8, 4^4, 6^2, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^6, 3^2, 4^6, 6^2, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^5, 4^6, 6^2, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^2, 4^8, 6^2, 12^2\})$	11264
12	$\mathcal{O}(0; \{3^2, 4^{10}, 6^2, 12^2\})$	45056
12	$\mathcal{O}(0; \{2^{16}, 6^3, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{12}, 3^3, 6^3, 12^2\})$	172

Continued on next page

Table 3 – continued from previous page

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

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 4^6, 6^6, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^8, 3, 6^7, 12^2\})$	684
12	$\mathcal{O}(0; \{2^4, 3^4, 6^7, 12^2\})$	5460
12	$\mathcal{O}(0; \{3^7, 6^7, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^7, 12^2\})$	2736
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^7, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^7, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^2, 6^8, 12^2\})$	2732
12	$\mathcal{O}(0; \{2, 3^5, 6^8, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^8, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^6, 6^9, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^3, 6^9, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 4^2, 6^9, 12^2\})$	5456
12	$\mathcal{O}(0; \{4^4, 6^9, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^3, 3, 6^{10}, 12^2\})$	5460
12	$\mathcal{O}(0; \{3, 4^2, 6^{10}, 12^2\})$	21840
12	$\mathcal{O}(0; \{3^2, 6^{11}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2, 6^{12}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4, 12^3\})$	688
12	$\mathcal{O}(0; \{2^7, 3^8, 4, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^3, 12^3\})$	320
12	$\mathcal{O}(0; \{2^8, 3^5, 4^3, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^8, 4^3, 12^3\})$	21824
12	$\mathcal{O}(0; \{3^{11}, 4^3, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^9, 3^2, 4^5, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^5, 4^5, 12^3\})$	11008
12	$\mathcal{O}(0; \{2, 3^8, 4^5, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^6, 3^2, 4^7, 12^3\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^5, 4^7, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^2, 4^9, 12^3\})$	20480
12	$\mathcal{O}(0; \{3^2, 4^{11}, 12^3\})$	81920
12	$\mathcal{O}(0; \{2^{16}, 4, 6, 12^3\})$	48
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4, 6, 12^3\})$	336
12	$\mathcal{O}(0; \{2^8, 3^6, 4, 6, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^9, 4, 6, 12^3\})$	21840
12	$\mathcal{O}(0; \{3^{12}, 4, 6, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{13}, 4^3, 6, 12^3\})$	192
12	$\mathcal{O}(0; \{2^9, 3^3, 4^3, 6, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^6, 4^3, 6, 12^3\})$	10944
12	$\mathcal{O}(0; \{2, 3^9, 4^3, 6, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^{10}, 4^5, 6, 12^3\})$	768

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3^3, 4^5, 6, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^6, 4^5, 6, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^7, 4^7, 6, 12^3\})$	3072
12	$\mathcal{O}(0; \{2^3, 3^3, 4^7, 6, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^4, 4^9, 6, 12^3\})$	12288
12	$\mathcal{O}(0; \{3^3, 4^9, 6, 12^3\})$	86016
12	$\mathcal{O}(0; \{2, 4^{11}, 6, 12^3\})$	49152
12	$\mathcal{O}(0; \{2^{13}, 3, 4, 6^2, 12^3\})$	176
12	$\mathcal{O}(0; \{2^9, 3^4, 4, 6^2, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^7, 4, 6^2, 12^3\})$	10928
12	$\mathcal{O}(0; \{2, 3^{10}, 4, 6^2, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^{10}, 3, 4^3, 6^2, 12^3\})$	704
12	$\mathcal{O}(0; \{2^6, 3^4, 4^3, 6^2, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^7, 4^3, 6^2, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^7, 3, 4^5, 6^2, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^4, 4^5, 6^2, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^4, 3, 4^7, 6^2, 12^3\})$	11264
12	$\mathcal{O}(0; \{3^4, 4^7, 6^2, 12^3\})$	87040
12	$\mathcal{O}(0; \{2, 3, 4^9, 6^2, 12^3\})$	45056
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4, 6^3, 12^3\})$	688
12	$\mathcal{O}(0; \{2^6, 3^5, 4, 6^3, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^8, 4, 6^3, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^7, 3^2, 4^3, 6^3, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^5, 4^3, 6^3, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^2, 4^5, 6^3, 12^3\})$	11008
12	$\mathcal{O}(0; \{3^5, 4^5, 6^3, 12^3\})$	87296
12	$\mathcal{O}(0; \{2, 3^2, 4^7, 6^3, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^{11}, 4, 6^4, 12^3\})$	336
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 6^4, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 6^4, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^8, 4^3, 6^4, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 6^4, 12^3\})$	10944
12	$\mathcal{O}(0; \{3^6, 4^3, 6^4, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^5, 4^5, 6^4, 12^3\})$	5376
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 6^4, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^2, 4^7, 6^4, 12^3\})$	21504
12	$\mathcal{O}(0; \{2^8, 3, 4, 6^5, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6^5, 12^3\})$	10928
12	$\mathcal{O}(0; \{3^7, 4, 6^5, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 6^5, 12^3\})$	5440
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6^5, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6^5, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^6, 12^3\})$	5456

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^6, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^6, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^6, 4, 6^7, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^7, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^3, 4^3, 6^7, 12^3\})$	10944
12	$\mathcal{O}(0; \{4^5, 6^7, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^8, 12^3\})$	10928
12	$\mathcal{O}(0; \{3, 4^3, 6^8, 12^3\})$	43712
12	$\mathcal{O}(0; \{3^2, 4, 6^9, 12^3\})$	43696
12	$\mathcal{O}(0; \{2, 4, 6^{10}, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^{16}, 3, 12^4\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^4, 12^4\})$	688
12	$\mathcal{O}(0; \{2^8, 3^7, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^{10}, 12^4\})$	43696
12	$\mathcal{O}(0; \{3^{13}, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{13}, 3, 4^2, 12^4\})$	320
12	$\mathcal{O}(0; \{2^9, 3^4, 4^2, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^7, 4^2, 12^4\})$	21824
12	$\mathcal{O}(0; \{2, 3^{10}, 4^2, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^{10}, 3, 4^4, 12^4\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^4, 4^4, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^7, 4^4, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^7, 3, 4^6, 12^4\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^4, 4^6, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^4, 3, 4^8, 12^4\})$	20480
12	$\mathcal{O}(0; \{3^4, 4^8, 12^4\})$	176128
12	$\mathcal{O}(0; \{2, 3, 4^{10}, 12^4\})$	81920
12	$\mathcal{O}(0; \{2^{13}, 3^2, 6, 12^4\})$	336
12	$\mathcal{O}(0; \{2^9, 3^5, 6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^8, 6, 12^4\})$	21840
12	$\mathcal{O}(0; \{2, 3^{11}, 6, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^2, 6, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^5, 4^2, 6, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^8, 4^2, 6, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^7, 3^2, 4^4, 6, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^5, 4^4, 6, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^2, 4^6, 6, 12^4\})$	21504
12	$\mathcal{O}(0; \{3^5, 4^6, 6, 12^4\})$	175104
12	$\mathcal{O}(0; \{2, 3^2, 4^8, 6, 12^4\})$	86016
12	$\mathcal{O}(0; \{2^{14}, 6^2, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^3, 6^2, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^6, 6^2, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^9, 6^2, 12^4\})$	87376

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{11}, 4^2, 6^2, 12^4\})$	704
12	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 6^2, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 6^2, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^8, 4^4, 6^2, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 6^2, 12^4\})$	21760
12	$\mathcal{O}(0; \{3^6, 4^4, 6^2, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^5, 4^6, 6^2, 12^4\})$	11264
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 6^2, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^2, 4^8, 6^2, 12^4\})$	45056
12	$\mathcal{O}(0; \{2^{11}, 3, 6^3, 12^4\})$	688
12	$\mathcal{O}(0; \{2^7, 3^4, 6^3, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^7, 6^3, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6^3, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6^3, 12^4\})$	21824
12	$\mathcal{O}(0; \{3^7, 4^2, 6^3, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6^3, 12^4\})$	11008
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6^3, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 6^3, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^8, 3^2, 6^4, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^5, 6^4, 12^4\})$	21840
12	$\mathcal{O}(0; \{3^8, 6^4, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^4, 12^4\})$	10944
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^4, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^4, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^9, 6^5, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^3, 6^5, 12^4\})$	10928
12	$\mathcal{O}(0; \{2, 3^6, 6^5, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^6, 4^2, 6^5, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^5, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^3, 4^4, 6^5, 12^4\})$	21760
12	$\mathcal{O}(0; \{4^6, 6^5, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^6, 3, 6^6, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^4, 6^6, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^6, 12^4\})$	21824
12	$\mathcal{O}(0; \{3, 4^4, 6^6, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^2, 6^7, 12^4\})$	21840
12	$\mathcal{O}(0; \{3^2, 4^2, 6^7, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^4, 6^8, 12^4\})$	10928
12	$\mathcal{O}(0; \{3^3, 6^8, 12^4\})$	87376
12	$\mathcal{O}(0; \{2, 4^2, 6^8, 12^4\})$	43712
12	$\mathcal{O}(0; \{2, 3, 6^9, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^{14}, 4, 12^5\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4, 12^5\})$	2752

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 4, 6, 12^9\})$	175104
12	$\mathcal{O}(0; \{2, 3^3, 4, 6, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^2, 4^3, 6, 12^9\})$	700416
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^2, 12^9\})$	699392
12	$\mathcal{O}(0; \{4, 6^4, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^5, 3, 12^{10}\})$	349184
12	$\mathcal{O}(0; \{2, 3^4, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 12^{10}\})$	1396736
12	$\mathcal{O}(0; \{2^2, 3^2, 6, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2^3, 6^2, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{4^2, 6^2, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{3, 6^3, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2^3, 4, 12^{11}\})$	1396736
12	$\mathcal{O}(0; \{4^3, 12^{11}\})$	5586944
12	$\mathcal{O}(0; \{3, 4, 6, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{3^2, 12^{12}\})$	11186176
12	$\mathcal{O}(0; \{2, 6, 12^{12}\})$	5591040
13	$\mathcal{O}(3; \{13^6\})$	1108679412828
14	$\mathcal{O}(4; \{2^2, 14^2\})$	8854734336
14	$\mathcal{O}(3; \{2, 7^4, 14\})$	8357784960
14	$\mathcal{O}(3; \{2^6, 14^2\})$	45177216
14	$\mathcal{O}(2; \{7^8\})$	8641655190
14	$\mathcal{O}(2; \{2^5, 7^4, 14\})$	42641760
14	$\mathcal{O}(2; \{2^{10}, 14^2\})$	230496
14	$\mathcal{O}(2; \{2^3, 7^3, 14^3\})$	256081056
14	$\mathcal{O}(2; \{2, 7^2, 14^5\})$	1536255840
14	$\mathcal{O}(1; \{2^4, 7^8\})$	47029416
14	$\mathcal{O}(1; \{2^9, 7^4, 14\})$	217560
14	$\mathcal{O}(1; \{2^{14}, 14^2\})$	1176
14	$\mathcal{O}(1; \{2^2, 7^7, 14^2\})$	282175320
14	$\mathcal{O}(1; \{2^7, 7^3, 14^3\})$	1306536
14	$\mathcal{O}(1; \{7^6, 14^4\})$	1693053096
14	$\mathcal{O}(1; \{2^5, 7^2, 14^5\})$	7838040
14	$\mathcal{O}(1; \{2^3, 7, 14^7\})$	47029416
14	$\mathcal{O}(1; \{2, 14^9\})$	282175320
14	$\mathcal{O}(0; \{2^8, 7^8\})$	239946
14	$\mathcal{O}(0; \{2^{13}, 7^4, 14\})$	1110
14	$\mathcal{O}(0; \{2, 7^{11}, 14\})$	310968906
14	$\mathcal{O}(0; \{2^{18}, 14^2\})$	6
14	$\mathcal{O}(0; \{2^6, 7^7, 14^2\})$	1439670
14	$\mathcal{O}(0; \{2^{11}, 7^3, 14^3\})$	6666
14	$\mathcal{O}(0; \{2^4, 7^6, 14^4\})$	8638026
14	$\mathcal{O}(0; \{2^9, 7^2, 14^5\})$	39990

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(0; \{2^2, 7^5, 14^6\})$	51828150
14	$\mathcal{O}(0; \{2^7, 7, 14^7\})$	239946
14	$\mathcal{O}(0; \{7^4, 14^8\})$	310968906
14	$\mathcal{O}(0; \{2^5, 14^9\})$	1439670
15	$\mathcal{O}(3; \{3^4, 5^2\})$	273375000
15	$\mathcal{O}(3; \{5^3, 15^2\})$	4647375000
15	$\mathcal{O}(3; \{3, 5, 15^3\})$	3553875000
15	$\mathcal{O}(2; \{3^7, 5^2\})$	8505000
15	$\mathcal{O}(2; \{3^2, 5^5, 15\})$	83025000
15	$\mathcal{O}(2; \{3^3, 5^3, 15^2\})$	103275000
15	$\mathcal{O}(2; \{3^4, 5, 15^3\})$	110565000
15	$\mathcal{O}(2; \{5^2, 15^5\})$	1658475000
15	$\mathcal{O}(2; \{3, 15^6\})$	1743525000
15	$\mathcal{O}(1; \{3^{10}, 5^2\})$	307800
15	$\mathcal{O}(1; \{3^4, 5^7\})$	4422600
15	$\mathcal{O}(1; \{3^5, 5^5, 15\})$	4059000
15	$\mathcal{O}(1; \{3^6, 5^3, 15^2\})$	3947400
15	$\mathcal{O}(1; \{5^8, 15^2\})$	94372200
15	$\mathcal{O}(1; \{3^7, 5, 15^3\})$	4001400
15	$\mathcal{O}(1; \{3, 5^6, 15^3\})$	70777800
15	$\mathcal{O}(1; \{3^2, 5^4, 15^4\})$	64884600
15	$\mathcal{O}(1; \{3^3, 5^2, 15^5\})$	63390600
15	$\mathcal{O}(1; \{3^4, 15^6\})$	63099000
15	$\mathcal{O}(1; \{5, 15^8\})$	1014481800
15	$\mathcal{O}(0; \{3^{13}, 5^2\})$	10920
15	$\mathcal{O}(0; \{3^7, 5^7\})$	137592
15	$\mathcal{O}(0; \{3^8, 5^5, 15\})$	139400
15	$\mathcal{O}(0; \{3^2, 5^{10}, 15\})$	1677720
15	$\mathcal{O}(0; \{3^9, 5^3, 15^2\})$	139128
15	$\mathcal{O}(0; \{3^3, 5^8, 15^2\})$	2097160
15	$\mathcal{O}(0; \{3^{10}, 5, 15^3\})$	141960
15	$\mathcal{O}(0; \{3^4, 5^6, 15^3\})$	2201976
15	$\mathcal{O}(0; \{3^5, 5^4, 15^4\})$	2228360
15	$\mathcal{O}(0; \{3^6, 5^2, 15^5\})$	2234232
15	$\mathcal{O}(0; \{5^7, 15^5\})$	33554440
15	$\mathcal{O}(0; \{3^7, 15^6\})$	2238600
15	$\mathcal{O}(0; \{3, 5^5, 15^6\})$	35232120
15	$\mathcal{O}(0; \{3^2, 5^3, 15^7\})$	35651720
15	$\mathcal{O}(0; \{3^3, 5, 15^8\})$	35755896
15	$\mathcal{O}(0; \{15^{11}\})$	572102520
16	$\mathcal{O}(4; \{8^2\})$	17112760320
16	$\mathcal{O}(3; \{2^4, 8^2\})$	66060288
16	$\mathcal{O}(3; \{2, 4^2, 8^2\})$	264241152

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(3; \{2^2, 8, 16^2\})$	536870912
16	$\mathcal{O}(3; \{16^4\})$	8589934592
16	$\mathcal{O}(2; \{2^8, 8^2\})$	245760
16	$\mathcal{O}(2; \{2^5, 4^2, 8^2\})$	983040
16	$\mathcal{O}(2; \{2^2, 4^4, 8^2\})$	3932160
16	$\mathcal{O}(2; \{2^3, 4, 8^4\})$	7864320
16	$\mathcal{O}(2; \{4^3, 8^4\})$	31457280
16	$\mathcal{O}(2; \{2, 8^6\})$	62914560
16	$\mathcal{O}(2; \{2^6, 8, 16^2\})$	2097152
16	$\mathcal{O}(2; \{2^3, 4^2, 8, 16^2\})$	8388608
16	$\mathcal{O}(2; \{4^4, 8, 16^2\})$	33554432
16	$\mathcal{O}(2; \{2, 4, 8^3, 16^2\})$	67108864
16	$\mathcal{O}(2; \{2^4, 16^4\})$	33554432
16	$\mathcal{O}(2; \{2, 4^2, 16^4\})$	134217728
16	$\mathcal{O}(1; \{2^{12}, 8^2\})$	768
16	$\mathcal{O}(1; \{2^9, 4^2, 8^2\})$	3072
16	$\mathcal{O}(1; \{2^6, 4^4, 8^2\})$	12288
16	$\mathcal{O}(1; \{2^3, 4^6, 8^2\})$	49152
16	$\mathcal{O}(1; \{4^8, 8^2\})$	196608
16	$\mathcal{O}(1; \{2^7, 4, 8^4\})$	24576
16	$\mathcal{O}(1; \{2^4, 4^3, 8^4\})$	98304
16	$\mathcal{O}(1; \{2, 4^5, 8^4\})$	393216
16	$\mathcal{O}(1; \{2^5, 8^6\})$	196608
16	$\mathcal{O}(1; \{2^2, 4^2, 8^6\})$	786432
16	$\mathcal{O}(1; \{4, 8^8\})$	6291456
16	$\mathcal{O}(1; \{2^{10}, 8, 16^2\})$	8192
16	$\mathcal{O}(1; \{2^7, 4^2, 8, 16^2\})$	32768
16	$\mathcal{O}(1; \{2^4, 4^4, 8, 16^2\})$	131072
16	$\mathcal{O}(1; \{2, 4^6, 8, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^5, 4, 8^3, 16^2\})$	262144
16	$\mathcal{O}(1; \{2^2, 4^3, 8^3, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2^3, 8^5, 16^2\})$	2097152
16	$\mathcal{O}(1; \{4^2, 8^5, 16^2\})$	8388608
16	$\mathcal{O}(1; \{2^8, 16^4\})$	131072
16	$\mathcal{O}(1; \{2^5, 4^2, 16^4\})$	524288
16	$\mathcal{O}(1; \{2^2, 4^4, 16^4\})$	2097152
16	$\mathcal{O}(1; \{2^3, 4, 8^2, 16^4\})$	4194304
16	$\mathcal{O}(1; \{4^3, 8^2, 16^4\})$	16777216
16	$\mathcal{O}(1; \{2, 8^4, 16^4\})$	33554432
16	$\mathcal{O}(1; \{2, 4, 8, 16^6\})$	67108864
16	$\mathcal{O}(0; \{2^{14}, 8, 16^2\})$	32
16	$\mathcal{O}(0; \{2^{11}, 4^2, 8, 16^2\})$	128
16	$\mathcal{O}(0; \{2^8, 4^4, 8, 16^2\})$	512

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{2^5, 4^6, 8, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^2, 4^8, 8, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^9, 4, 8^3, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^6, 4^3, 8^3, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^3, 4^5, 8^3, 16^2\})$	16384
16	$\mathcal{O}(0; \{4^7, 8^3, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^7, 8^5, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^4, 4^2, 8^5, 16^2\})$	32768
16	$\mathcal{O}(0; \{2, 4^4, 8^5, 16^2\})$	131072
16	$\mathcal{O}(0; \{2^2, 4, 8^7, 16^2\})$	262144
16	$\mathcal{O}(0; \{8^9, 16^2\})$	2097152
16	$\mathcal{O}(0; \{2^{12}, 16^4\})$	512
16	$\mathcal{O}(0; \{2^9, 4^2, 16^4\})$	2048
16	$\mathcal{O}(0; \{2^6, 4^4, 16^4\})$	8192
16	$\mathcal{O}(0; \{2^3, 4^6, 16^4\})$	32768
16	$\mathcal{O}(0; \{4^8, 16^4\})$	131072
16	$\mathcal{O}(0; \{2^7, 4, 8^2, 16^4\})$	16384
16	$\mathcal{O}(0; \{2^4, 4^3, 8^2, 16^4\})$	65536
16	$\mathcal{O}(0; \{2, 4^5, 8^2, 16^4\})$	262144
16	$\mathcal{O}(0; \{2^5, 8^4, 16^4\})$	131072
16	$\mathcal{O}(0; \{2^2, 4^2, 8^4, 16^4\})$	524288
16	$\mathcal{O}(0; \{4, 8^6, 16^4\})$	4194304
16	$\mathcal{O}(0; \{2^5, 4, 8, 16^6\})$	262144
16	$\mathcal{O}(0; \{2^2, 4^3, 8, 16^6\})$	1048576
16	$\mathcal{O}(0; \{2^3, 8^3, 16^6\})$	2097152
16	$\mathcal{O}(0; \{4^2, 8^3, 16^6\})$	8388608
16	$\mathcal{O}(0; \{2^3, 4, 16^8\})$	4194304
16	$\mathcal{O}(0; \{4^3, 16^8\})$	16777216
16	$\mathcal{O}(0; \{2, 8^2, 16^8\})$	33554432
18	$\mathcal{O}(3; \{2^2, 18^2\})$	204073344
18	$\mathcal{O}(2; \{3^2, 9^4\})$	63772920
18	$\mathcal{O}(2; \{2, 6, 9^4\})$	34012224
18	$\mathcal{O}(2; \{2^3, 3, 9^2, 18\})$	3779136
18	$\mathcal{O}(2; \{3^2, 6, 9^2, 18\})$	15116544
18	$\mathcal{O}(2; \{2, 6^2, 9^2, 18\})$	7558272
18	$\mathcal{O}(2; \{2^6, 18^2\})$	629856
18	$\mathcal{O}(2; \{2^2, 3^3, 18^2\})$	5038848
18	$\mathcal{O}(2; \{2^3, 3, 6, 18^2\})$	2519424
18	$\mathcal{O}(2; \{3^2, 6^2, 18^2\})$	10077696
18	$\mathcal{O}(2; \{2, 6^3, 18^2\})$	5038848
18	$\mathcal{O}(2; \{2, 3, 9, 18^3\})$	34012224
18	$\mathcal{O}(1; \{2^4, 3^2, 9^4\})$	209952
18	$\mathcal{O}(1; \{3^5, 9^4\})$	1259712

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^5, 6, 9^4\})$	104976
18	$\mathcal{O}(1; \{2, 3^3, 6, 9^4\})$	839808
18	$\mathcal{O}(1; \{2^2, 3, 6^2, 9^4\})$	419904
18	$\mathcal{O}(1; \{6^4, 9^4\})$	839808
18	$\mathcal{O}(1; \{3, 9^7\})$	14880348
18	$\mathcal{O}(1; \{2^7, 3, 9^2, 18\})$	11664
18	$\mathcal{O}(1; \{2^3, 3^4, 9^2, 18\})$	93312
18	$\mathcal{O}(1; \{2^4, 3^2, 6, 9^2, 18\})$	46656
18	$\mathcal{O}(1; \{3^5, 6, 9^2, 18\})$	373248
18	$\mathcal{O}(1; \{2^5, 6^2, 9^2, 18\})$	23328
18	$\mathcal{O}(1; \{2, 3^3, 6^2, 9^2, 18\})$	186624
18	$\mathcal{O}(1; \{2^2, 3, 6^3, 9^2, 18\})$	93312
18	$\mathcal{O}(1; \{6^5, 9^2, 18\})$	186624
18	$\mathcal{O}(1; \{2^3, 9^5, 18\})$	1732104
18	$\mathcal{O}(1; \{3, 6, 9^5, 18\})$	6928416
18	$\mathcal{O}(1; \{2^{10}, 18^2\})$	1944
18	$\mathcal{O}(1; \{2^6, 3^3, 18^2\})$	15552
18	$\mathcal{O}(1; \{2^2, 3^6, 18^2\})$	124416
18	$\mathcal{O}(1; \{2^7, 3, 6, 18^2\})$	7776
18	$\mathcal{O}(1; \{2^3, 3^4, 6, 18^2\})$	62208
18	$\mathcal{O}(1; \{2^4, 3^2, 6^2, 18^2\})$	31104
18	$\mathcal{O}(1; \{3^5, 6^2, 18^2\})$	248832
18	$\mathcal{O}(1; \{2^5, 6^3, 18^2\})$	15552
18	$\mathcal{O}(1; \{2, 3^3, 6^3, 18^2\})$	124416
18	$\mathcal{O}(1; \{2^2, 3, 6^4, 18^2\})$	62208
18	$\mathcal{O}(1; \{6^6, 18^2\})$	124416
18	$\mathcal{O}(1; \{2^2, 3^2, 9^3, 18^2\})$	1049760
18	$\mathcal{O}(1; \{2^3, 6, 9^3, 18^2\})$	524880
18	$\mathcal{O}(1; \{3, 6^2, 9^3, 18^2\})$	2099520
18	$\mathcal{O}(1; \{2^5, 3, 9, 18^3\})$	104976
18	$\mathcal{O}(1; \{2, 3^4, 9, 18^3\})$	839808
18	$\mathcal{O}(1; \{2^2, 3^2, 6, 9, 18^3\})$	419904
18	$\mathcal{O}(1; \{2^3, 6^2, 9, 18^3\})$	209952
18	$\mathcal{O}(1; \{3, 6^3, 9, 18^3\})$	839808
18	$\mathcal{O}(1; \{2, 9^4, 18^3\})$	9920232
18	$\mathcal{O}(1; \{3^2, 9^2, 18^4\})$	6928416
18	$\mathcal{O}(1; \{2, 6, 9^2, 18^4\})$	3464208
18	$\mathcal{O}(1; \{2^3, 3, 18^5\})$	524880
18	$\mathcal{O}(1; \{3^2, 6, 18^5\})$	2099520
18	$\mathcal{O}(1; \{2, 6^2, 18^5\})$	1049760
18	$\mathcal{O}(0; \{2^8, 3^2, 9^4\})$	648
18	$\mathcal{O}(0; \{2^4, 3^5, 9^4\})$	5184
18	$\mathcal{O}(0; \{2^9, 6, 9^4\})$	324

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^5, 3^3, 6, 9^4\})$	2592
18	$\mathcal{O}(0; \{2, 3^6, 6, 9^4\})$	20736
18	$\mathcal{O}(0; \{2^6, 3, 6^2, 9^4\})$	1296
18	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 9^4\})$	10368
18	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 9^4\})$	5184
18	$\mathcal{O}(0; \{2^4, 6^4, 9^4\})$	2592
18	$\mathcal{O}(0; \{3^3, 6^4, 9^4\})$	20736
18	$\mathcal{O}(0; \{2, 3, 6^5, 9^4\})$	10368
18	$\mathcal{O}(0; \{2^4, 3, 9^7\})$	61236
18	$\mathcal{O}(0; \{2, 3^2, 6, 9^7\})$	244944
18	$\mathcal{O}(0; \{2^2, 6^2, 9^7\})$	122472
18	$\mathcal{O}(0; \{2^{11}, 3, 9^2, 18\})$	36
18	$\mathcal{O}(0; \{2^7, 3^4, 9^2, 18\})$	288
18	$\mathcal{O}(0; \{2^3, 3^7, 9^2, 18\})$	2304
18	$\mathcal{O}(0; \{2^8, 3^2, 6, 9^2, 18\})$	144
18	$\mathcal{O}(0; \{2^4, 3^5, 6, 9^2, 18\})$	1152
18	$\mathcal{O}(0; \{3^8, 6, 9^2, 18\})$	9216
18	$\mathcal{O}(0; \{2^9, 6^2, 9^2, 18\})$	72
18	$\mathcal{O}(0; \{2^5, 3^3, 6^2, 9^2, 18\})$	576
18	$\mathcal{O}(0; \{2, 3^6, 6^2, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{2^6, 3, 6^3, 9^2, 18\})$	288
18	$\mathcal{O}(0; \{2^2, 3^4, 6^3, 9^2, 18\})$	2304
18	$\mathcal{O}(0; \{2^3, 3^2, 6^4, 9^2, 18\})$	1152
18	$\mathcal{O}(0; \{2^4, 6^5, 9^2, 18\})$	576
18	$\mathcal{O}(0; \{3^3, 6^5, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{2, 3, 6^6, 9^2, 18\})$	2304
18	$\mathcal{O}(0; \{2^7, 9^5, 18\})$	5346
18	$\mathcal{O}(0; \{2^3, 3^3, 9^5, 18\})$	42768
18	$\mathcal{O}(0; \{2^4, 3, 6, 9^5, 18\})$	21384
18	$\mathcal{O}(0; \{3^4, 6, 9^5, 18\})$	171072
18	$\mathcal{O}(0; \{2, 3^2, 6^2, 9^5, 18\})$	85536
18	$\mathcal{O}(0; \{2^2, 6^3, 9^5, 18\})$	42768
18	$\mathcal{O}(0; \{6, 9^8, 18\})$	2230740
18	$\mathcal{O}(0; \{2^{14}, 18^2\})$	6
18	$\mathcal{O}(0; \{2^{10}, 3^3, 18^2\})$	48
18	$\mathcal{O}(0; \{2^6, 3^6, 18^2\})$	384
18	$\mathcal{O}(0; \{2^2, 3^9, 18^2\})$	3072
18	$\mathcal{O}(0; \{2^{11}, 3, 6, 18^2\})$	24
18	$\mathcal{O}(0; \{2^7, 3^4, 6, 18^2\})$	192
18	$\mathcal{O}(0; \{2^3, 3^7, 6, 18^2\})$	1536
18	$\mathcal{O}(0; \{2^8, 3^2, 6^2, 18^2\})$	96
18	$\mathcal{O}(0; \{2^4, 3^5, 6^2, 18^2\})$	768
18	$\mathcal{O}(0; \{3^8, 6^2, 18^2\})$	6144

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^9, 6^3, 18^2\})$	48
18	$\mathcal{O}(0; \{2^5, 3^3, 6^3, 18^2\})$	384
18	$\mathcal{O}(0; \{2, 3^6, 6^3, 18^2\})$	3072
18	$\mathcal{O}(0; \{2^6, 3, 6^4, 18^2\})$	192
18	$\mathcal{O}(0; \{2^2, 3^4, 6^4, 18^2\})$	1536
18	$\mathcal{O}(0; \{2^3, 3^2, 6^5, 18^2\})$	768
18	$\mathcal{O}(0; \{2^4, 6^6, 18^2\})$	384
18	$\mathcal{O}(0; \{3^3, 6^6, 18^2\})$	3072
18	$\mathcal{O}(0; \{2, 3, 6^7, 18^2\})$	1536
18	$\mathcal{O}(0; \{2^6, 3^2, 9^3, 18^2\})$	3240
18	$\mathcal{O}(0; \{2^2, 3^5, 9^3, 18^2\})$	25920
18	$\mathcal{O}(0; \{2^7, 6, 9^3, 18^2\})$	1620
18	$\mathcal{O}(0; \{2^3, 3^3, 6, 9^3, 18^2\})$	12960
18	$\mathcal{O}(0; \{2^4, 3, 6^2, 9^3, 18^2\})$	6480
18	$\mathcal{O}(0; \{3^4, 6^2, 9^3, 18^2\})$	51840
18	$\mathcal{O}(0; \{2, 3^2, 6^3, 9^3, 18^2\})$	25920
18	$\mathcal{O}(0; \{2^2, 6^4, 9^3, 18^2\})$	12960
18	$\mathcal{O}(0; \{2^2, 3, 9^6, 18^2\})$	376164
18	$\mathcal{O}(0; \{6^2, 9^6, 18^2\})$	752328
18	$\mathcal{O}(0; \{2^9, 3, 9, 18^3\})$	324
18	$\mathcal{O}(0; \{2^5, 3^4, 9, 18^3\})$	2592
18	$\mathcal{O}(0; \{2, 3^7, 9, 18^3\})$	20736
18	$\mathcal{O}(0; \{2^6, 3^2, 6, 9, 18^3\})$	1296
18	$\mathcal{O}(0; \{2^2, 3^5, 6, 9, 18^3\})$	10368
18	$\mathcal{O}(0; \{2^7, 6^2, 9, 18^3\})$	648
18	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 9, 18^3\})$	5184
18	$\mathcal{O}(0; \{2^4, 3, 6^3, 9, 18^3\})$	2592
18	$\mathcal{O}(0; \{3^4, 6^3, 9, 18^3\})$	20736
18	$\mathcal{O}(0; \{2, 3^2, 6^4, 9, 18^3\})$	10368
18	$\mathcal{O}(0; \{2^2, 6^5, 9, 18^3\})$	5184
18	$\mathcal{O}(0; \{2^5, 9^4, 18^3\})$	30618
18	$\mathcal{O}(0; \{2, 3^3, 9^4, 18^3\})$	244944
18	$\mathcal{O}(0; \{2^2, 3, 6, 9^4, 18^3\})$	122472
18	$\mathcal{O}(0; \{6^3, 9^4, 18^3\})$	244944
18	$\mathcal{O}(0; \{2^4, 3^2, 9^2, 18^4\})$	21384
18	$\mathcal{O}(0; \{3^5, 9^2, 18^4\})$	171072
18	$\mathcal{O}(0; \{2^5, 6, 9^2, 18^4\})$	10692
18	$\mathcal{O}(0; \{2, 3^3, 6, 9^2, 18^4\})$	85536
18	$\mathcal{O}(0; \{2^2, 3, 6^2, 9^2, 18^4\})$	42768
18	$\mathcal{O}(0; \{6^4, 9^2, 18^4\})$	85536
18	$\mathcal{O}(0; \{3, 9^5, 18^4\})$	2230740
18	$\mathcal{O}(0; \{2^7, 3, 18^5\})$	1620
18	$\mathcal{O}(0; \{2^3, 3^4, 18^5\})$	12960

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^4, 3^2, 6, 18^5\})$	6480
18	$\mathcal{O}(0; \{3^5, 6, 18^5\})$	51840
18	$\mathcal{O}(0; \{2^5, 6^2, 18^5\})$	3240
18	$\mathcal{O}(0; \{2, 3^3, 6^2, 18^5\})$	25920
18	$\mathcal{O}(0; \{2^2, 3, 6^3, 18^5\})$	12960
18	$\mathcal{O}(0; \{6^5, 18^5\})$	25920
18	$\mathcal{O}(0; \{2^3, 9^3, 18^5\})$	188082
18	$\mathcal{O}(0; \{3, 6, 9^3, 18^5\})$	752328
18	$\mathcal{O}(0; \{2^2, 3^2, 9, 18^6\})$	122472
18	$\mathcal{O}(0; \{2^3, 6, 9, 18^6\})$	61236
18	$\mathcal{O}(0; \{3, 6^2, 9, 18^6\})$	244944
18	$\mathcal{O}(0; \{2, 9^2, 18^7\})$	1115370
18	$\mathcal{O}(0; \{3^2, 18^8\})$	752328
18	$\mathcal{O}(0; \{2, 6, 18^8\})$	376164
19	$\mathcal{O}(0; \{19^9\})$	10439962650
20	$\mathcal{O}(3; \{2, 5, 10\})$	252000000
20	$\mathcal{O}(2; \{2^2, 5^4\})$	7800000
20	$\mathcal{O}(2; \{2^5, 5, 10\})$	600000
20	$\mathcal{O}(2; \{2^2, 4^2, 5, 10\})$	1280000
20	$\mathcal{O}(2; \{5^3, 10^2\})$	30600000
20	$\mathcal{O}(2; \{2^3, 10^3\})$	1800000
20	$\mathcal{O}(2; \{4^2, 10^3\})$	3840000
20	$\mathcal{O}(2; \{4, 5^2, 10, 20\})$	16640000
20	$\mathcal{O}(2; \{2^3, 5, 20^2\})$	3840000
20	$\mathcal{O}(2; \{4^2, 5, 20^2\})$	15360000
20	$\mathcal{O}(2; \{2, 10^2, 20^2\})$	16640000
20	$\mathcal{O}(1; \{2^6, 5^4\})$	15600
20	$\mathcal{O}(1; \{2^3, 4^2, 5^4\})$	41600
20	$\mathcal{O}(1; \{4^4, 5^4\})$	166400
20	$\mathcal{O}(1; \{2^9, 5, 10\})$	1200
20	$\mathcal{O}(1; \{2^6, 4^2, 5, 10\})$	3200
20	$\mathcal{O}(1; \{2^3, 4^4, 5, 10\})$	12800
20	$\mathcal{O}(1; \{4^6, 5, 10\})$	51200
20	$\mathcal{O}(1; \{2, 5^6, 10\})$	982800
20	$\mathcal{O}(1; \{2^4, 5^3, 10^2\})$	61200
20	$\mathcal{O}(1; \{2, 4^2, 5^3, 10^2\})$	163200
20	$\mathcal{O}(1; \{2^7, 10^3\})$	3600
20	$\mathcal{O}(1; \{2^4, 4^2, 10^3\})$	9600
20	$\mathcal{O}(1; \{2, 4^4, 10^3\})$	38400
20	$\mathcal{O}(1; \{2^2, 5^2, 10^4\})$	246000
20	$\mathcal{O}(1; \{5, 10^6\})$	982800
20	$\mathcal{O}(1; \{2, 4, 5^5, 20\})$	656000
20	$\mathcal{O}(1; \{2^4, 4, 5^2, 10, 20\})$	41600

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{2, 4^3, 5^2, 10, 20\})$	166400
20	$\mathcal{O}(1; \{2^2, 4, 5, 10^3, 20\})$	163200
20	$\mathcal{O}(1; \{4, 10^5, 20\})$	656000
20	$\mathcal{O}(1; \{2^7, 5, 20^2\})$	9600
20	$\mathcal{O}(1; \{2^4, 4^2, 5, 20^2\})$	38400
20	$\mathcal{O}(1; \{2, 4^4, 5, 20^2\})$	153600
20	$\mathcal{O}(1; \{2^2, 5^3, 10, 20^2\})$	656000
20	$\mathcal{O}(1; \{2^5, 10^2, 20^2\})$	41600
20	$\mathcal{O}(1; \{2^2, 4^2, 10^2, 20^2\})$	166400
20	$\mathcal{O}(1; \{5^2, 10^3, 20^2\})$	2620800
20	$\mathcal{O}(1; \{2^2, 4, 5^2, 20^3\})$	652800
20	$\mathcal{O}(1; \{4, 5, 10^2, 20^3\})$	2624000
20	$\mathcal{O}(1; \{5^3, 20^4\})$	10483200
20	$\mathcal{O}(1; \{2^3, 10, 20^4\})$	652800
20	$\mathcal{O}(1; \{4^2, 10, 20^4\})$	2611200
20	$\mathcal{O}(1; \{2, 20^6\})$	10496000
20	$\mathcal{O}(0; \{2^7, 4^2, 5^4\})$	104
20	$\mathcal{O}(0; \{2^4, 4^4, 5^4\})$	416
20	$\mathcal{O}(0; \{2, 4^6, 5^4\})$	1664
20	$\mathcal{O}(0; \{2^{10}, 4^2, 5, 10\})$	8
20	$\mathcal{O}(0; \{2^7, 4^4, 5, 10\})$	32
20	$\mathcal{O}(0; \{2^4, 4^6, 5, 10\})$	128
20	$\mathcal{O}(0; \{2, 4^8, 5, 10\})$	512
20	$\mathcal{O}(0; \{2^2, 4^2, 5^6, 10\})$	6552
20	$\mathcal{O}(0; \{2^5, 4^2, 5^3, 10^2\})$	408
20	$\mathcal{O}(0; \{2^2, 4^4, 5^3, 10^2\})$	1632
20	$\mathcal{O}(0; \{2^8, 4^2, 10^3\})$	24
20	$\mathcal{O}(0; \{2^5, 4^4, 10^3\})$	96
20	$\mathcal{O}(0; \{2^2, 4^6, 10^3\})$	384
20	$\mathcal{O}(0; \{4^2, 5^5, 10^3\})$	26216
20	$\mathcal{O}(0; \{2^3, 4^2, 5^2, 10^4\})$	1640
20	$\mathcal{O}(0; \{4^4, 5^2, 10^4\})$	6560
20	$\mathcal{O}(0; \{2, 4^2, 5, 10^6\})$	6552
20	$\mathcal{O}(0; \{2^5, 4, 5^5, 20\})$	1640
20	$\mathcal{O}(0; \{2^2, 4^3, 5^5, 20\})$	6560
20	$\mathcal{O}(0; \{2^8, 4, 5^2, 10, 20\})$	104
20	$\mathcal{O}(0; \{2^5, 4^3, 5^2, 10, 20\})$	416
20	$\mathcal{O}(0; \{2^2, 4^5, 5^2, 10, 20\})$	1664
20	$\mathcal{O}(0; \{4, 5^7, 10, 20\})$	104856
20	$\mathcal{O}(0; \{2^3, 4, 5^4, 10^2, 20\})$	6552
20	$\mathcal{O}(0; \{4^3, 5^4, 10^2, 20\})$	26208
20	$\mathcal{O}(0; \{2^6, 4, 5, 10^3, 20\})$	408
20	$\mathcal{O}(0; \{2^3, 4^3, 5, 10^3, 20\})$	1632

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{4^5, 5, 10^3, 20\})$	6528
20	$\mathcal{O}(0; \{2, 4, 5^3, 10^4, 20\})$	26216
20	$\mathcal{O}(0; \{2^4, 4, 10^5, 20\})$	1640
20	$\mathcal{O}(0; \{2, 4^3, 10^5, 20\})$	6560
20	$\mathcal{O}(0; \{2^{11}, 5, 20^2\})$	24
20	$\mathcal{O}(0; \{2^8, 4^2, 5, 20^2\})$	96
20	$\mathcal{O}(0; \{2^5, 4^4, 5, 20^2\})$	384
20	$\mathcal{O}(0; \{2^2, 4^6, 5, 20^2\})$	1536
20	$\mathcal{O}(0; \{2^3, 5^6, 20^2\})$	26216
20	$\mathcal{O}(0; \{4^2, 5^6, 20^2\})$	104864
20	$\mathcal{O}(0; \{2^6, 5^3, 10, 20^2\})$	1640
20	$\mathcal{O}(0; \{2^3, 4^2, 5^3, 10, 20^2\})$	6560
20	$\mathcal{O}(0; \{4^4, 5^3, 10, 20^2\})$	26240
20	$\mathcal{O}(0; \{2^9, 10^2, 20^2\})$	104
20	$\mathcal{O}(0; \{2^6, 4^2, 10^2, 20^2\})$	416
20	$\mathcal{O}(0; \{2^3, 4^4, 10^2, 20^2\})$	1664
20	$\mathcal{O}(0; \{4^6, 10^2, 20^2\})$	6656
20	$\mathcal{O}(0; \{2, 5^5, 10^2, 20^2\})$	104856
20	$\mathcal{O}(0; \{2^4, 5^2, 10^3, 20^2\})$	6552
20	$\mathcal{O}(0; \{2, 4^2, 5^2, 10^3, 20^2\})$	26208
20	$\mathcal{O}(0; \{2^2, 5, 10^5, 20^2\})$	26216
20	$\mathcal{O}(0; \{10^7, 20^2\})$	104856
20	$\mathcal{O}(0; \{2^6, 4, 5^2, 20^3\})$	1632
20	$\mathcal{O}(0; \{2^3, 4^3, 5^2, 20^3\})$	6528
20	$\mathcal{O}(0; \{4^5, 5^2, 20^3\})$	26112
20	$\mathcal{O}(0; \{2, 4, 5^4, 10, 20^3\})$	104864
20	$\mathcal{O}(0; \{2^4, 4, 5, 10^2, 20^3\})$	6560
20	$\mathcal{O}(0; \{2, 4^3, 5, 10^2, 20^3\})$	26240
20	$\mathcal{O}(0; \{2^2, 4, 10^4, 20^3\})$	26208
20	$\mathcal{O}(0; \{2^4, 5^3, 20^4\})$	26208
20	$\mathcal{O}(0; \{2, 4^2, 5^3, 20^4\})$	104832
20	$\mathcal{O}(0; \{2^7, 10, 20^4\})$	1632
20	$\mathcal{O}(0; \{2^4, 4^2, 10, 20^4\})$	6528
20	$\mathcal{O}(0; \{2, 4^4, 10, 20^4\})$	26112
20	$\mathcal{O}(0; \{2^2, 5^2, 10^2, 20^4\})$	104864
20	$\mathcal{O}(0; \{5, 10^4, 20^4\})$	419424
20	$\mathcal{O}(0; \{2^2, 4, 5, 10, 20^5\})$	104832
20	$\mathcal{O}(0; \{4, 10^3, 20^5\})$	419456
20	$\mathcal{O}(0; \{2^5, 20^6\})$	26240
20	$\mathcal{O}(0; \{2^2, 4^2, 20^6\})$	104960
20	$\mathcal{O}(0; \{5^2, 10, 20^6\})$	1677696
20	$\mathcal{O}(0; \{4, 5, 20^7\})$	1677824
21	$\mathcal{O}(3; \{21^2\})$	1029193452

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
21	$\mathcal{O}(2; \{3^2, 7^3\})$	11668860
21	$\mathcal{O}(2; \{3^3, 21^2\})$	11668860
21	$\mathcal{O}(1; \{3^5, 7^3\})$	132300
21	$\mathcal{O}(1; \{3, 7^5, 21\})$	5879412
21	$\mathcal{O}(1; \{3^6, 21^2\})$	227556
21	$\mathcal{O}(1; \{3^2, 7^2, 21^3\})$	4895100
21	$\mathcal{O}(0; \{3^8, 7^3\})$	2580
21	$\mathcal{O}(0; \{3^4, 7^5, 21\})$	66660
21	$\mathcal{O}(0; \{3^9, 21^2\})$	4092
21	$\mathcal{O}(0; \{7^7, 21^2\})$	2879340
21	$\mathcal{O}(0; \{3^5, 7^2, 21^3\})$	95460
21	$\mathcal{O}(0; \{3, 7^4, 21^4\})$	2399460
21	$\mathcal{O}(0; \{3^2, 7, 21^6\})$	3439140
22	$\mathcal{O}(2; \{11^4\})$	199849650
22	$\mathcal{O}(1; \{2^4, 11^4\})$	440440
22	$\mathcal{O}(1; \{2^2, 11^3, 22^2\})$	4399560
22	$\mathcal{O}(1; \{11^2, 22^4\})$	44000440
22	$\mathcal{O}(0; \{2^8, 11^4\})$	910
22	$\mathcal{O}(0; \{2^6, 11^3, 22^2\})$	9090
22	$\mathcal{O}(0; \{2^4, 11^2, 22^4\})$	90910
22	$\mathcal{O}(0; \{2^2, 11, 22^6\})$	909090
22	$\mathcal{O}(0; \{22^8\})$	9090910
24	$\mathcal{O}(2; \{4^2, 6^2\})$	1244160
24	$\mathcal{O}(2; \{3, 4, 6, 12\})$	1244160
24	$\mathcal{O}(2; \{3^2, 12^2\})$	3732480
24	$\mathcal{O}(2; \{2, 6, 12^2\})$	1244160
24	$\mathcal{O}(2; \{3^2, 8, 24\})$	2654208
24	$\mathcal{O}(2; \{2, 6, 8, 24\})$	2654208
24	$\mathcal{O}(2; \{2, 4, 24^2\})$	5308416
24	$\mathcal{O}(1; \{2^2, 3^4, 4^2\})$	5184
24	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6\})$	1728
24	$\mathcal{O}(1; \{3^2, 4^4, 6\})$	6912
24	$\mathcal{O}(1; \{2^4, 4^2, 6^2\})$	1728
24	$\mathcal{O}(1; \{3^3, 4^2, 6^2\})$	8640
24	$\mathcal{O}(1; \{2, 4^4, 6^2\})$	6912
24	$\mathcal{O}(1; \{2, 3, 4^2, 6^3\})$	5184
24	$\mathcal{O}(1; \{3^4, 4, 8^2\})$	27648
24	$\mathcal{O}(1; \{2, 3^2, 4, 6, 8^2\})$	9216
24	$\mathcal{O}(1; \{2^2, 4, 6^2, 8^2\})$	9216
24	$\mathcal{O}(1; \{6^2, 8^4\})$	73728
24	$\mathcal{O}(1; \{2^3, 3^3, 4, 12\})$	5184
24	$\mathcal{O}(1; \{3^3, 4^3, 12\})$	20736
24	$\mathcal{O}(1; \{2^4, 3, 4, 6, 12\})$	1728

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{3^4, 4, 6, 12\})$	19008
24	$\mathcal{O}(1; \{2, 3, 4^3, 6, 12\})$	6912
24	$\mathcal{O}(1; \{2, 3^2, 4, 6^2, 12\})$	8640
24	$\mathcal{O}(1; \{2^2, 4, 6^3, 12\})$	5184
24	$\mathcal{O}(1; \{2, 3^3, 8^2, 12\})$	27648
24	$\mathcal{O}(1; \{2^2, 3, 6, 8^2, 12\})$	9216
24	$\mathcal{O}(1; \{6^3, 8^2, 12\})$	27648
24	$\mathcal{O}(1; \{2^4, 3^2, 12^2\})$	5184
24	$\mathcal{O}(1; \{3^5, 12^2\})$	36288
24	$\mathcal{O}(1; \{2, 3^2, 4^2, 12^2\})$	20736
24	$\mathcal{O}(1; \{2^5, 6, 12^2\})$	1728
24	$\mathcal{O}(1; \{2, 3^3, 6, 12^2\})$	19008
24	$\mathcal{O}(1; \{2^2, 4^2, 6, 12^2\})$	6912
24	$\mathcal{O}(1; \{2^2, 3, 6^2, 12^2\})$	8640
24	$\mathcal{O}(1; \{6^4, 12^2\})$	19008
24	$\mathcal{O}(1; \{4, 6, 8^2, 12^2\})$	36864
24	$\mathcal{O}(1; \{2^2, 3, 4, 12^3\})$	20736
24	$\mathcal{O}(1; \{4, 6^2, 12^3\})$	34560
24	$\mathcal{O}(1; \{3, 8^2, 12^3\})$	110592
24	$\mathcal{O}(1; \{2^3, 12^4\})$	20736
24	$\mathcal{O}(1; \{4^2, 12^4\})$	82944
24	$\mathcal{O}(1; \{3, 6, 12^4\})$	76032
24	$\mathcal{O}(1; \{2^4, 3^2, 8, 24\})$	4608
24	$\mathcal{O}(1; \{3^5, 8, 24\})$	50688
24	$\mathcal{O}(1; \{2, 3^2, 4^2, 8, 24\})$	18432
24	$\mathcal{O}(1; \{2^5, 6, 8, 24\})$	4608
24	$\mathcal{O}(1; \{2, 3^3, 6, 8, 24\})$	23040
24	$\mathcal{O}(1; \{2^2, 4^2, 6, 8, 24\})$	18432
24	$\mathcal{O}(1; \{2^2, 3, 6^2, 8, 24\})$	13824
24	$\mathcal{O}(1; \{6^4, 8, 24\})$	23040
24	$\mathcal{O}(1; \{4, 6, 8^3, 24\})$	147456
24	$\mathcal{O}(1; \{2^2, 3, 4, 8, 12, 24\})$	18432
24	$\mathcal{O}(1; \{4, 6^2, 8, 12, 24\})$	55296
24	$\mathcal{O}(1; \{3, 8^3, 12, 24\})$	147456
24	$\mathcal{O}(1; \{2^3, 8, 12^2, 24\})$	18432
24	$\mathcal{O}(1; \{4^2, 8, 12^2, 24\})$	73728
24	$\mathcal{O}(1; \{3, 6, 8, 12^2, 24\})$	92160
24	$\mathcal{O}(1; \{2^5, 4, 24^2\})$	9216
24	$\mathcal{O}(1; \{2, 3^3, 4, 24^2\})$	46080
24	$\mathcal{O}(1; \{2^2, 4^3, 24^2\})$	36864
24	$\mathcal{O}(1; \{2^2, 3, 4, 6, 24^2\})$	27648
24	$\mathcal{O}(1; \{4, 6^3, 24^2\})$	46080
24	$\mathcal{O}(1; \{2^3, 8^2, 24^2\})$	73728

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{4^2, 8^2, 24^2\})$	294912
24	$\mathcal{O}(1; \{3, 6, 8^2, 24^2\})$	221184
24	$\mathcal{O}(1; \{2^2, 3^2, 12, 24^2\})$	46080
24	$\mathcal{O}(1; \{2^3, 6, 12, 24^2\})$	27648
24	$\mathcal{O}(1; \{4^2, 6, 12, 24^2\})$	110592
24	$\mathcal{O}(1; \{3, 6^2, 12, 24^2\})$	101376
24	$\mathcal{O}(1; \{3, 4, 12^2, 24^2\})$	184320
24	$\mathcal{O}(1; \{2, 12^3, 24^2\})$	184320
24	$\mathcal{O}(1; \{3, 4, 8, 24^3\})$	442368
24	$\mathcal{O}(1; \{2, 8, 12, 24^3\})$	442368
24	$\mathcal{O}(1; \{3^2, 24^4\})$	811008
24	$\mathcal{O}(1; \{2, 6, 24^4\})$	368640
24	$\mathcal{O}(0; \{2^4, 3^4, 4, 8^2\})$	48
24	$\mathcal{O}(0; \{3^7, 4, 8^2\})$	336
24	$\mathcal{O}(0; \{2, 3^4, 4^3, 8^2\})$	192
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 6, 8^2\})$	16
24	$\mathcal{O}(0; \{2, 3^5, 4, 6, 8^2\})$	176
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6, 8^2\})$	64
24	$\mathcal{O}(0; \{2^6, 4, 6^2, 8^2\})$	16
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^2, 8^2\})$	80
24	$\mathcal{O}(0; \{2^3, 4^3, 6^2, 8^2\})$	64
24	$\mathcal{O}(0; \{4^5, 6^2, 8^2\})$	256
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^3, 8^2\})$	48
24	$\mathcal{O}(0; \{3, 4^3, 6^3, 8^2\})$	192
24	$\mathcal{O}(0; \{3^2, 4, 6^4, 8^2\})$	176
24	$\mathcal{O}(0; \{2, 4, 6^5, 8^2\})$	80
24	$\mathcal{O}(0; \{2^2, 3^4, 8^4\})$	384
24	$\mathcal{O}(0; \{2^3, 3^2, 6, 8^4\})$	128
24	$\mathcal{O}(0; \{3^2, 4^2, 6, 8^4\})$	512
24	$\mathcal{O}(0; \{2^4, 6^2, 8^4\})$	128
24	$\mathcal{O}(0; \{3^3, 6^2, 8^4\})$	640
24	$\mathcal{O}(0; \{2, 4^2, 6^2, 8^4\})$	512
24	$\mathcal{O}(0; \{2, 3, 6^3, 8^4\})$	384
24	$\mathcal{O}(0; \{2^5, 3^3, 8^2, 12\})$	48
24	$\mathcal{O}(0; \{2, 3^6, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 8^2, 12\})$	192
24	$\mathcal{O}(0; \{2^6, 3, 6, 8^2, 12\})$	16
24	$\mathcal{O}(0; \{2^2, 3^4, 6, 8^2, 12\})$	176
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6, 8^2, 12\})$	64
24	$\mathcal{O}(0; \{3, 4^4, 6, 8^2, 12\})$	256
24	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 8^2, 12\})$	80
24	$\mathcal{O}(0; \{3^2, 4^2, 6^2, 8^2, 12\})$	320
24	$\mathcal{O}(0; \{2^4, 6^3, 8^2, 12\})$	48

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3^3, 6^3, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2, 4^2, 6^3, 8^2, 12\})$	192
24	$\mathcal{O}(0; \{2, 3, 6^4, 8^2, 12\})$	176
24	$\mathcal{O}(0; \{3^3, 4, 8^4, 12\})$	1536
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8^4, 12\})$	512
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 8^2, 12^2\})$	192
24	$\mathcal{O}(0; \{3^2, 4^3, 8^2, 12^2\})$	768
24	$\mathcal{O}(0; \{2^4, 4, 6, 8^2, 12^2\})$	64
24	$\mathcal{O}(0; \{3^3, 4, 6, 8^2, 12^2\})$	704
24	$\mathcal{O}(0; \{2, 4^3, 6, 8^2, 12^2\})$	256
24	$\mathcal{O}(0; \{2, 3, 4, 6^2, 8^2, 12^2\})$	320
24	$\mathcal{O}(0; \{2, 3^2, 8^4, 12^2\})$	1536
24	$\mathcal{O}(0; \{2^2, 6, 8^4, 12^2\})$	512
24	$\mathcal{O}(0; \{2^4, 3, 8^2, 12^3\})$	192
24	$\mathcal{O}(0; \{3^4, 8^2, 12^3\})$	1344
24	$\mathcal{O}(0; \{2, 3, 4^2, 8^2, 12^3\})$	768
24	$\mathcal{O}(0; \{2, 3^2, 6, 8^2, 12^3\})$	704
24	$\mathcal{O}(0; \{2^2, 6^2, 8^2, 12^3\})$	320
24	$\mathcal{O}(0; \{2^2, 4, 8^2, 12^4\})$	768
24	$\mathcal{O}(0; \{8^4, 12^4\})$	6144
24	$\mathcal{O}(0; \{6, 8^2, 12^5\})$	2816
24	$\mathcal{O}(0; \{2^8, 3^2, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^4, 3^5, 8, 24\})$	88
24	$\mathcal{O}(0; \{3^8, 8, 24\})$	680
24	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 8, 24\})$	32
24	$\mathcal{O}(0; \{2, 3^5, 4^2, 8, 24\})$	352
24	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 8, 24\})$	128
24	$\mathcal{O}(0; \{2^9, 6, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^5, 3^3, 6, 8, 24\})$	40
24	$\mathcal{O}(0; \{2, 3^6, 6, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^6, 4^2, 6, 8, 24\})$	32
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6, 8, 24\})$	160
24	$\mathcal{O}(0; \{2^3, 4^4, 6, 8, 24\})$	128
24	$\mathcal{O}(0; \{4^6, 6, 8, 24\})$	512
24	$\mathcal{O}(0; \{2^6, 3, 6^2, 8, 24\})$	24
24	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 8, 24\})$	168
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^2, 8, 24\})$	96
24	$\mathcal{O}(0; \{3, 4^4, 6^2, 8, 24\})$	384
24	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 8, 24\})$	88
24	$\mathcal{O}(0; \{3^2, 4^2, 6^3, 8, 24\})$	352
24	$\mathcal{O}(0; \{2^4, 6^4, 8, 24\})$	40
24	$\mathcal{O}(0; \{3^3, 6^4, 8, 24\})$	344
24	$\mathcal{O}(0; \{2, 4^2, 6^4, 8, 24\})$	160

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 3, 6^5, 8, 24\})$	168
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{3^2, 4^3, 8^3, 24\})$	1024
24	$\mathcal{O}(0; \{2^4, 4, 6, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{3^3, 4, 6, 8^3, 24\})$	1280
24	$\mathcal{O}(0; \{2, 4^3, 6, 8^3, 24\})$	1024
24	$\mathcal{O}(0; \{2, 3, 4, 6^2, 8^3, 24\})$	768
24	$\mathcal{O}(0; \{2, 3^2, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{2^2, 6, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{2^6, 3, 4, 8, 12, 24\})$	32
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 8, 12, 24\})$	352
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 8, 12, 24\})$	128
24	$\mathcal{O}(0; \{3, 4^5, 8, 12, 24\})$	512
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6, 8, 12, 24\})$	160
24	$\mathcal{O}(0; \{3^2, 4^3, 6, 8, 12, 24\})$	640
24	$\mathcal{O}(0; \{2^4, 4, 6^2, 8, 12, 24\})$	96
24	$\mathcal{O}(0; \{3^3, 4, 6^2, 8, 12, 24\})$	672
24	$\mathcal{O}(0; \{2, 4^3, 6^2, 8, 12, 24\})$	384
24	$\mathcal{O}(0; \{2, 3, 4, 6^3, 8, 12, 24\})$	352
24	$\mathcal{O}(0; \{2^4, 3, 8^3, 12, 24\})$	256
24	$\mathcal{O}(0; \{3^4, 8^3, 12, 24\})$	2816
24	$\mathcal{O}(0; \{2, 3, 4^2, 8^3, 12, 24\})$	1024
24	$\mathcal{O}(0; \{2, 3^2, 6, 8^3, 12, 24\})$	1280
24	$\mathcal{O}(0; \{2^2, 6^2, 8^3, 12, 24\})$	768
24	$\mathcal{O}(0; \{2^7, 8, 12^2, 24\})$	32
24	$\mathcal{O}(0; \{2^3, 3^3, 8, 12^2, 24\})$	352
24	$\mathcal{O}(0; \{2^4, 4^2, 8, 12^2, 24\})$	128
24	$\mathcal{O}(0; \{3^3, 4^2, 8, 12^2, 24\})$	1408
24	$\mathcal{O}(0; \{2, 4^4, 8, 12^2, 24\})$	512
24	$\mathcal{O}(0; \{2^4, 3, 6, 8, 12^2, 24\})$	160
24	$\mathcal{O}(0; \{3^4, 6, 8, 12^2, 24\})$	1376
24	$\mathcal{O}(0; \{2, 3, 4^2, 6, 8, 12^2, 24\})$	640
24	$\mathcal{O}(0; \{2, 3^2, 6^2, 8, 12^2, 24\})$	672
24	$\mathcal{O}(0; \{2^2, 6^3, 8, 12^2, 24\})$	352
24	$\mathcal{O}(0; \{2^2, 4, 8^3, 12^2, 24\})$	1024
24	$\mathcal{O}(0; \{8^5, 12^2, 24\})$	8192
24	$\mathcal{O}(0; \{2, 3^2, 4, 8, 12^3, 24\})$	1408
24	$\mathcal{O}(0; \{2^2, 4, 6, 8, 12^3, 24\})$	640
24	$\mathcal{O}(0; \{6, 8^3, 12^3, 24\})$	5120
24	$\mathcal{O}(0; \{2^2, 3, 8, 12^4, 24\})$	1408
24	$\mathcal{O}(0; \{6^2, 8, 12^4, 24\})$	2688
24	$\mathcal{O}(0; \{4, 8, 12^5, 24\})$	5632
24	$\mathcal{O}(0; \{2^9, 4, 24^2\})$	16

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^2, 4, 6, 8^2, 12, 24^2\})$	1536
24	$\mathcal{O}(0; \{6, 8^4, 12, 24^2\})$	12288
24	$\mathcal{O}(0; \{2^4, 3, 4, 12^2, 24^2\})$	320
24	$\mathcal{O}(0; \{3^4, 4, 12^2, 24^2\})$	2752
24	$\mathcal{O}(0; \{2, 3, 4^3, 12^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{2, 3^2, 4, 6, 12^2, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^2, 4, 6^2, 12^2, 24^2\})$	704
24	$\mathcal{O}(0; \{2^2, 3, 8^2, 12^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{6^2, 8^2, 12^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^5, 12^3, 24^2\})$	320
24	$\mathcal{O}(0; \{2, 3^3, 12^3, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^2, 4^2, 12^3, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^2, 3, 6, 12^3, 24^2\})$	1344
24	$\mathcal{O}(0; \{6^3, 12^3, 24^2\})$	2752
24	$\mathcal{O}(0; \{4, 8^2, 12^3, 24^2\})$	10240
24	$\mathcal{O}(0; \{4, 6, 12^4, 24^2\})$	5376
24	$\mathcal{O}(0; \{3, 12^5, 24^2\})$	11008
24	$\mathcal{O}(0; \{2^4, 3, 4, 8, 24^3\})$	768
24	$\mathcal{O}(0; \{3^4, 4, 8, 24^3\})$	5376
24	$\mathcal{O}(0; \{2, 3, 4^3, 8, 24^3\})$	3072
24	$\mathcal{O}(0; \{2, 3^2, 4, 6, 8, 24^3\})$	2816
24	$\mathcal{O}(0; \{2^2, 4, 6^2, 8, 24^3\})$	1280
24	$\mathcal{O}(0; \{2^2, 3, 8^3, 24^3\})$	6144
24	$\mathcal{O}(0; \{6^2, 8^3, 24^3\})$	10240
24	$\mathcal{O}(0; \{2^5, 8, 12, 24^3\})$	768
24	$\mathcal{O}(0; \{2, 3^3, 8, 12, 24^3\})$	5376
24	$\mathcal{O}(0; \{2^2, 4^2, 8, 12, 24^3\})$	3072
24	$\mathcal{O}(0; \{2^2, 3, 6, 8, 12, 24^3\})$	2816
24	$\mathcal{O}(0; \{6^3, 8, 12, 24^3\})$	5376
24	$\mathcal{O}(0; \{4, 8^3, 12, 24^3\})$	24576
24	$\mathcal{O}(0; \{4, 6, 8, 12^2, 24^3\})$	11264
24	$\mathcal{O}(0; \{3, 8, 12^3, 24^3\})$	21504
24	$\mathcal{O}(0; \{2^4, 3^2, 24^4\})$	1408
24	$\mathcal{O}(0; \{3^5, 24^4\})$	10880
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 24^4\})$	5632
24	$\mathcal{O}(0; \{2^5, 6, 24^4\})$	640
24	$\mathcal{O}(0; \{2, 3^3, 6, 24^4\})$	5504
24	$\mathcal{O}(0; \{2^2, 4^2, 6, 24^4\})$	2560
24	$\mathcal{O}(0; \{2^2, 3, 6^2, 24^4\})$	2688
24	$\mathcal{O}(0; \{6^4, 24^4\})$	5504
24	$\mathcal{O}(0; \{4, 6, 8^2, 24^4\})$	20480
24	$\mathcal{O}(0; \{2^2, 3, 4, 12, 24^4\})$	5632
24	$\mathcal{O}(0; \{4, 6^2, 12, 24^4\})$	10752

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{3, 8^2, 12, 24^4\})$	45056
24	$\mathcal{O}(0; \{2^3, 12^2, 24^4\})$	5632
24	$\mathcal{O}(0; \{4^2, 12^2, 24^4\})$	22528
24	$\mathcal{O}(0; \{3, 6, 12^2, 24^4\})$	22016
24	$\mathcal{O}(0; \{2^3, 8, 24^5\})$	10240
24	$\mathcal{O}(0; \{4^2, 8, 24^5\})$	40960
24	$\mathcal{O}(0; \{3, 6, 8, 24^5\})$	43008
24	$\mathcal{O}(0; \{3, 4, 24^6\})$	86016
24	$\mathcal{O}(0; \{2, 12, 24^6\})$	86016
26	$\mathcal{O}(2; \{13^3\})$	56550780
26	$\mathcal{O}(1; \{2^4, 13^3\})$	89232
26	$\mathcal{O}(1; \{2^2, 13^2, 26^2\})$	1078896
26	$\mathcal{O}(1; \{13, 26^4\})$	12938640
26	$\mathcal{O}(0; \{2^8, 13^3\})$	132
26	$\mathcal{O}(0; \{2^6, 13^2, 26^2\})$	1596
26	$\mathcal{O}(0; \{2^4, 13, 26^4\})$	19140
26	$\mathcal{O}(0; \{2^2, 26^6\})$	229692
27	$\mathcal{O}(2; \{3, 27^2\})$	19131876
27	$\mathcal{O}(1; \{3^4, 27^2\})$	209952
27	$\mathcal{O}(1; \{9^3, 27^2\})$	2834352
27	$\mathcal{O}(0; \{3^7, 27^2\})$	2304
27	$\mathcal{O}(0; \{3^3, 9^3, 27^2\})$	31104
27	$\mathcal{O}(0; \{9^2, 27^5\})$	2361960
28	$\mathcal{O}(2; \{2, 28^2\})$	7375872
28	$\mathcal{O}(1; \{2^2, 7^4\})$	109368
28	$\mathcal{O}(1; \{7^3, 14^2\})$	652680
28	$\mathcal{O}(1; \{2^2, 4, 7^2, 28\})$	47040
28	$\mathcal{O}(1; \{4, 7, 14^2, 28\})$	291648
28	$\mathcal{O}(1; \{2^5, 28^2\})$	9408
28	$\mathcal{O}(1; \{2^2, 4^2, 28^2\})$	37632
28	$\mathcal{O}(0; \{2^3, 4^2, 7^4\})$	372
28	$\mathcal{O}(0; \{4^4, 7^4\})$	1488
28	$\mathcal{O}(0; \{2, 4^2, 7^3, 14^2\})$	2220
28	$\mathcal{O}(0; \{2^6, 4, 7^2, 28\})$	60
28	$\mathcal{O}(0; \{2^3, 4^3, 7^2, 28\})$	240
28	$\mathcal{O}(0; \{4^5, 7^2, 28\})$	960
28	$\mathcal{O}(0; \{2^4, 4, 7, 14^2, 28\})$	372
28	$\mathcal{O}(0; \{2, 4^3, 7, 14^2, 28\})$	1488
28	$\mathcal{O}(0; \{2^2, 4, 14^4, 28\})$	2220
28	$\mathcal{O}(0; \{2^9, 28^2\})$	12
28	$\mathcal{O}(0; \{2^6, 4^2, 28^2\})$	48
28	$\mathcal{O}(0; \{2^3, 4^4, 28^2\})$	192
28	$\mathcal{O}(0; \{4^6, 28^2\})$	768

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{2^2, 7^3, 14, 28^2\})$	13332
28	$\mathcal{O}(0; \{7^2, 14^3, 28^2\})$	79980
28	$\mathcal{O}(0; \{2^2, 4, 7, 14, 28^3\})$	8880
28	$\mathcal{O}(0; \{4, 14^3, 28^3\})$	53328
28	$\mathcal{O}(0; \{7^3, 28^4\})$	319920
28	$\mathcal{O}(0; \{4, 7, 28^5\})$	213312
30	$\mathcal{O}(1; \{2^2, 3^2, 10^2\})$	7200
30	$\mathcal{O}(1; \{3, 6^2, 10^2\})$	7200
30	$\mathcal{O}(1; \{3, 5, 6, 10, 15\})$	21600
30	$\mathcal{O}(1; \{3, 5^2, 15^2\})$	70200
30	$\mathcal{O}(1; \{3^2, 15^3\})$	81000
30	$\mathcal{O}(1; \{2, 6, 15^3\})$	64800
30	$\mathcal{O}(1; \{3, 5^2, 10, 30\})$	93600
30	$\mathcal{O}(1; \{3^2, 10, 15, 30\})$	64800
30	$\mathcal{O}(1; \{2, 6, 10, 15, 30\})$	21600
30	$\mathcal{O}(1; \{2, 5, 15^2, 30\})$	93600
30	$\mathcal{O}(1; \{2, 5, 10, 30^2\})$	93600
30	$\mathcal{O}(0; \{2^3, 3^2, 5^3, 10\})$	104
30	$\mathcal{O}(0; \{3^3, 5^3, 6, 10\})$	312
30	$\mathcal{O}(0; \{2, 3, 5^3, 6^2, 10\})$	104
30	$\mathcal{O}(0; \{2^6, 3^2, 10^2\})$	8
30	$\mathcal{O}(0; \{2^2, 3^5, 10^2\})$	40
30	$\mathcal{O}(0; \{2^3, 3^3, 6, 10^2\})$	24
30	$\mathcal{O}(0; \{2^4, 3, 6^2, 10^2\})$	8
30	$\mathcal{O}(0; \{3^4, 6^2, 10^2\})$	88
30	$\mathcal{O}(0; \{2, 3^2, 6^3, 10^2\})$	40
30	$\mathcal{O}(0; \{2^2, 6^4, 10^2\})$	24
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 10^3\})$	408
30	$\mathcal{O}(0; \{2, 3, 5^4, 6, 15\})$	408
30	$\mathcal{O}(0; \{2^3, 3^3, 5, 10, 15\})$	72
30	$\mathcal{O}(0; \{2^4, 3, 5, 6, 10, 15\})$	24
30	$\mathcal{O}(0; \{3^4, 5, 6, 10, 15\})$	264
30	$\mathcal{O}(0; \{2, 3^2, 5, 6^2, 10, 15\})$	120
30	$\mathcal{O}(0; \{2^2, 5, 6^3, 10, 15\})$	72
30	$\mathcal{O}(0; \{2, 3^3, 10^3, 15\})$	312
30	$\mathcal{O}(0; \{2^2, 3, 6, 10^3, 15\})$	104
30	$\mathcal{O}(0; \{6^3, 10^3, 15\})$	312
30	$\mathcal{O}(0; \{2^4, 3, 5^2, 15^2\})$	104
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 6, 15^2\})$	520
30	$\mathcal{O}(0; \{2^2, 5^2, 6^2, 15^2\})$	312
30	$\mathcal{O}(0; \{2^2, 3, 5, 10^2, 15^2\})$	408
30	$\mathcal{O}(0; \{5, 6^2, 10^2, 15^2\})$	1224
30	$\mathcal{O}(0; \{3, 10^4, 15^2\})$	1640

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Table 3 – continued from previous page

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

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{5^2, 6^2, 15, 30^2\})$	2040
30	$\mathcal{O}(0; \{3, 5, 10^2, 15, 30^2\})$	4920
30	$\mathcal{O}(0; \{2^2, 3^2, 15^2, 30^2\})$	1144
30	$\mathcal{O}(0; \{2^3, 6, 15^2, 30^2\})$	520
30	$\mathcal{O}(0; \{3, 6^2, 15^2, 30^2\})$	2184
30	$\mathcal{O}(0; \{2, 10, 15^3, 30^2\})$	8200
30	$\mathcal{O}(0; \{5^3, 6, 30^3\})$	4920
30	$\mathcal{O}(0; \{2^2, 3^2, 10, 30^3\})$	520
30	$\mathcal{O}(0; \{2^3, 6, 10, 30^3\})$	312
30	$\mathcal{O}(0; \{3, 6^2, 10, 30^3\})$	1144
30	$\mathcal{O}(0; \{2^3, 5, 15, 30^3\})$	1224
30	$\mathcal{O}(0; \{3, 5, 6, 15, 30^3\})$	4488
30	$\mathcal{O}(0; \{2, 10^2, 15, 30^3\})$	4920
30	$\mathcal{O}(0; \{3, 5^2, 30^4\})$	8200
30	$\mathcal{O}(0; \{3^2, 15, 30^4\})$	8568
30	$\mathcal{O}(0; \{2, 6, 15, 30^4\})$	4488
30	$\mathcal{O}(0; \{2, 5, 30^5\})$	8200
31	$\mathcal{O}(3; \emptyset)$	887503680
32	$\mathcal{O}(2; \{16^2\})$	7864320
32	$\mathcal{O}(1; \{2^4, 16^2\})$	6144
32	$\mathcal{O}(1; \{2, 4^2, 16^2\})$	24576
32	$\mathcal{O}(1; \{2^2, 16, 32^2\})$	131072
32	$\mathcal{O}(1; \{32^4\})$	4194304
32	$\mathcal{O}(0; \{2^6, 16, 32^2\})$	128
32	$\mathcal{O}(0; \{2^3, 4^2, 16, 32^2\})$	512
32	$\mathcal{O}(0; \{4^4, 16, 32^2\})$	2048
32	$\mathcal{O}(0; \{2, 4, 8^2, 16, 32^2\})$	4096
32	$\mathcal{O}(0; \{2^4, 32^4\})$	4096
32	$\mathcal{O}(0; \{2, 4^2, 32^4\})$	16384
33	$\mathcal{O}(1; \{11^2, 33^2\})$	1981980
33	$\mathcal{O}(0; \{3^3, 11^2, 33^2\})$	9100
33	$\mathcal{O}(0; \{11, 33^5\})$	909100
35	$\mathcal{O}(1; \{5^2, 35^2\})$	382200
35	$\mathcal{O}(0; \{5, 7, 35^4\})$	226440
36	$\mathcal{O}(1; \{2^2, 3, 9^2\})$	11664
36	$\mathcal{O}(1; \{6^2, 9^2\})$	23328
36	$\mathcal{O}(1; \{4, 9^2, 12\})$	31104
36	$\mathcal{O}(1; \{3, 9, 18^2\})$	34992
36	$\mathcal{O}(1; \{4, 6, 9, 36\})$	31104
36	$\mathcal{O}(1; \{3, 9, 12, 36\})$	62208
36	$\mathcal{O}(1; \{2^3, 36^2\})$	15552
36	$\mathcal{O}(1; \{4^2, 36^2\})$	62208
36	$\mathcal{O}(1; \{3, 6, 36^2\})$	62208

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2^3, 3, 4^2, 9^2\})$	24
36	$\mathcal{O}(0; \{3, 4^4, 9^2\})$	96
36	$\mathcal{O}(0; \{3^2, 4^2, 6, 9^2\})$	96
36	$\mathcal{O}(0; \{2, 4^2, 6^2, 9^2\})$	48
36	$\mathcal{O}(0; \{2^4, 4, 9^2, 12\})$	24
36	$\mathcal{O}(0; \{3^3, 4, 9^2, 12\})$	192
36	$\mathcal{O}(0; \{2, 4^3, 9^2, 12\})$	96
36	$\mathcal{O}(0; \{2, 3, 4, 6, 9^2, 12\})$	96
36	$\mathcal{O}(0; \{2, 3^2, 9^2, 12^2\})$	192
36	$\mathcal{O}(0; \{2^2, 6, 9^2, 12^2\})$	96
36	$\mathcal{O}(0; \{9^2, 12^4\})$	768
36	$\mathcal{O}(0; \{9^3, 12^2, 18\})$	1296
36	$\mathcal{O}(0; \{2, 3, 4^2, 9, 18^2\})$	72
36	$\mathcal{O}(0; \{2^2, 4, 9, 12, 18^2\})$	72
36	$\mathcal{O}(0; \{6, 9, 12^2, 18^2\})$	288
36	$\mathcal{O}(0; \{4, 12, 18^4\})$	648
36	$\mathcal{O}(0; \{2^3, 3^2, 4, 9, 36\})$	48
36	$\mathcal{O}(0; \{3^2, 4^3, 9, 36\})$	192
36	$\mathcal{O}(0; \{2^4, 4, 6, 9, 36\})$	24
36	$\mathcal{O}(0; \{3^3, 4, 6, 9, 36\})$	192
36	$\mathcal{O}(0; \{2, 4^3, 6, 9, 36\})$	96
36	$\mathcal{O}(0; \{2, 3, 4, 6^2, 9, 36\})$	96
36	$\mathcal{O}(0; \{2^4, 3, 9, 12, 36\})$	48
36	$\mathcal{O}(0; \{3^4, 9, 12, 36\})$	384
36	$\mathcal{O}(0; \{2, 3, 4^2, 9, 12, 36\})$	192
36	$\mathcal{O}(0; \{2, 3^2, 6, 9, 12, 36\})$	192
36	$\mathcal{O}(0; \{2^2, 6^2, 9, 12, 36\})$	96
36	$\mathcal{O}(0; \{9^4, 12, 36\})$	3240
36	$\mathcal{O}(0; \{2^2, 4, 9, 12^2, 36\})$	192
36	$\mathcal{O}(0; \{6, 9, 12^3, 36\})$	768
36	$\mathcal{O}(0; \{2^2, 4, 9^2, 18, 36\})$	324
36	$\mathcal{O}(0; \{6, 9^2, 12, 18, 36\})$	1296
36	$\mathcal{O}(0; \{2, 3^2, 4, 18^2, 36\})$	144
36	$\mathcal{O}(0; \{2^2, 4, 6, 18^2, 36\})$	72
36	$\mathcal{O}(0; \{2^2, 3, 12, 18^2, 36\})$	144
36	$\mathcal{O}(0; \{6^2, 12, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{4, 12^2, 18^2, 36\})$	576
36	$\mathcal{O}(0; \{4, 9, 18^3, 36\})$	1620
36	$\mathcal{O}(0; \{2^7, 36^2\})$	12
36	$\mathcal{O}(0; \{2^3, 3^3, 36^2\})$	96
36	$\mathcal{O}(0; \{2^4, 4^2, 36^2\})$	48
36	$\mathcal{O}(0; \{3^3, 4^2, 36^2\})$	384
36	$\mathcal{O}(0; \{2, 4^4, 36^2\})$	192

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2^4, 3, 6, 36^2\})$	48
36	$\mathcal{O}(0; \{3^4, 6, 36^2\})$	384
36	$\mathcal{O}(0; \{2, 3, 4^2, 6, 36^2\})$	192
36	$\mathcal{O}(0; \{2, 3^2, 6^2, 36^2\})$	192
36	$\mathcal{O}(0; \{2^2, 6^3, 36^2\})$	96
36	$\mathcal{O}(0; \{6, 9^3, 36^2\})$	3240
36	$\mathcal{O}(0; \{2, 3^2, 4, 12, 36^2\})$	384
36	$\mathcal{O}(0; \{2^2, 4, 6, 12, 36^2\})$	192
36	$\mathcal{O}(0; \{2^2, 3, 12^2, 36^2\})$	384
36	$\mathcal{O}(0; \{6^2, 12^2, 36^2\})$	768
36	$\mathcal{O}(0; \{4, 12^3, 36^2\})$	1536
36	$\mathcal{O}(0; \{2^2, 3, 9, 18, 36^2\})$	648
36	$\mathcal{O}(0; \{6^2, 9, 18, 36^2\})$	1296
36	$\mathcal{O}(0; \{4, 9, 12, 18, 36^2\})$	2592
36	$\mathcal{O}(0; \{3, 18^3, 36^2\})$	3240
36	$\mathcal{O}(0; \{4, 9^2, 36^3\})$	6480
36	$\mathcal{O}(0; \{4, 6, 18, 36^3\})$	2592
36	$\mathcal{O}(0; \{3, 12, 18, 36^3\})$	5184
36	$\mathcal{O}(0; \{3, 9, 36^4\})$	12960
38	$\mathcal{O}(0; \{2, 19^4, 38\})$	99450
39	$\mathcal{O}(1; \{3^2, 13^2\})$	36504
39	$\mathcal{O}(0; \{3^5, 13^2\})$	120
39	$\mathcal{O}(0; \{3^2, 13, 39^3\})$	15960
40	$\mathcal{O}(1; \{4^2, 5^2\})$	9600
40	$\mathcal{O}(1; \{2, 4, 10, 20\})$	9600
40	$\mathcal{O}(0; \{2^2, 4, 5^2, 8^2\})$	32
40	$\mathcal{O}(0; \{5^2, 8^4\})$	256
40	$\mathcal{O}(0; \{4, 5, 8^2, 10^2\})$	96
40	$\mathcal{O}(0; \{5^3, 8^2, 20\})$	416
40	$\mathcal{O}(0; \{2^3, 8^2, 10, 20\})$	32
40	$\mathcal{O}(0; \{4^2, 8^2, 10, 20\})$	128
40	$\mathcal{O}(0; \{2, 8^2, 20^3\})$	384
40	$\mathcal{O}(0; \{4, 5^2, 8, 10, 40\})$	416
40	$\mathcal{O}(0; \{2^3, 5, 8, 20, 40\})$	96
40	$\mathcal{O}(0; \{4^2, 5, 8, 20, 40\})$	384
40	$\mathcal{O}(0; \{2, 8, 10^2, 20, 40\})$	416
40	$\mathcal{O}(0; \{4, 5^3, 40^2\})$	1632
40	$\mathcal{O}(0; \{2^3, 4, 10, 40^2\})$	96
40	$\mathcal{O}(0; \{4^3, 10, 40^2\})$	384
40	$\mathcal{O}(0; \{2, 8^2, 10, 40^2\})$	768
40	$\mathcal{O}(0; \{2, 5, 10, 20, 40^2\})$	1632
40	$\mathcal{O}(0; \{2, 4, 20^2, 40^2\})$	1664
40	$\mathcal{O}(0; \{2, 5, 8, 40^3\})$	3328

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(1; \{2^2, 42^2\})$	21168
42	$\mathcal{O}(0; \{2, 3^4, 7, 14\})$	36
42	$\mathcal{O}(0; \{2^2, 3^2, 6, 7, 14\})$	12
42	$\mathcal{O}(0; \{2^3, 6^2, 7, 14\})$	12
42	$\mathcal{O}(0; \{3, 6^3, 7, 14\})$	36
42	$\mathcal{O}(0; \{3^2, 6, 14^3\})$	60
42	$\mathcal{O}(0; \{2, 6^2, 14^3\})$	60
42	$\mathcal{O}(0; \{2, 6, 7^2, 21^2\})$	372
42	$\mathcal{O}(0; \{2, 3, 14, 21^3\})$	1116
42	$\mathcal{O}(0; \{3^2, 7^2, 14, 42\})$	372
42	$\mathcal{O}(0; \{2, 6, 7^2, 14, 42\})$	372
42	$\mathcal{O}(0; \{2^3, 3, 7, 21, 42\})$	60
42	$\mathcal{O}(0; \{3^2, 6, 7, 21, 42\})$	300
42	$\mathcal{O}(0; \{2, 6^2, 7, 21, 42\})$	180
42	$\mathcal{O}(0; \{2, 3, 14^2, 21, 42\})$	372
42	$\mathcal{O}(0; \{2^6, 42^2\})$	12
42	$\mathcal{O}(0; \{2^2, 3^3, 42^2\})$	60
42	$\mathcal{O}(0; \{2^3, 3, 6, 42^2\})$	36
42	$\mathcal{O}(0; \{3^2, 6^2, 42^2\})$	132
42	$\mathcal{O}(0; \{2, 6^3, 42^2\})$	60
42	$\mathcal{O}(0; \{2, 3, 7, 42^3\})$	1116
43	$\mathcal{O}(0; \{43^5\})$	3039330
44	$\mathcal{O}(1; \{2^2, 11^2\})$	14520
44	$\mathcal{O}(1; \{11, 22^2\})$	130680
44	$\mathcal{O}(0; \{2^3, 4^2, 11^2\})$	20
44	$\mathcal{O}(0; \{4^4, 11^2\})$	80
44	$\mathcal{O}(0; \{2, 4^2, 11, 22^2\})$	180
44	$\mathcal{O}(0; \{2^2, 11, 22, 44^2\})$	1820
44	$\mathcal{O}(0; \{22^3, 44^2\})$	18180
44	$\mathcal{O}(0; \{11, 44^4\})$	72720
45	$\mathcal{O}(1; \{5, 45^2\})$	145800
45	$\mathcal{O}(0; \{3^3, 5, 45^2\})$	576
45	$\mathcal{O}(0; \{15^3, 45^2\})$	9792
45	$\mathcal{O}(0; \{9, 15, 45^3\})$	16848
48	$\mathcal{O}(1; \{3, 24^2\})$	13824
48	$\mathcal{O}(1; \{3, 16, 48\})$	36864
48	$\mathcal{O}(0; \{2, 3^2, 8, 16^2\})$	64
48	$\mathcal{O}(0; \{8, 12^2, 16^2\})$	256
48	$\mathcal{O}(0; \{6, 12, 16^2, 24\})$	128
48	$\mathcal{O}(0; \{2^4, 3, 16, 48\})$	16
48	$\mathcal{O}(0; \{3^4, 16, 48\})$	80
48	$\mathcal{O}(0; \{2, 3, 4^2, 16, 48\})$	64
48	$\mathcal{O}(0; \{2, 3^2, 6, 16, 48\})$	48

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{2^2, 6^2, 16, 48\})$	16
48	$\mathcal{O}(0; \{2^2, 4, 12, 16, 48\})$	64
48	$\mathcal{O}(0; \{8^2, 12, 16, 48\})$	512
48	$\mathcal{O}(0; \{6, 12^2, 16, 48\})$	192
48	$\mathcal{O}(0; \{6, 8, 16, 24, 48\})$	256
48	$\mathcal{O}(0; \{4, 16, 24^2, 48\})$	512
48	$\mathcal{O}(0; \{2^2, 4, 8, 48^2\})$	128
48	$\mathcal{O}(0; \{8^3, 48^2\})$	1024
48	$\mathcal{O}(0; \{6, 8, 12, 48^2\})$	384
48	$\mathcal{O}(0; \{4, 16^2, 48^2\})$	2048
48	$\mathcal{O}(0; \{2^2, 3, 24, 48^2\})$	192
48	$\mathcal{O}(0; \{6^2, 24, 48^2\})$	320
48	$\mathcal{O}(0; \{4, 12, 24, 48^2\})$	768
48	$\mathcal{O}(0; \{3, 48^4\})$	5120
49	$\mathcal{O}(0; \{7^3, 49^2\})$	9072
52	$\mathcal{O}(1; \{2, 13, 26\})$	24336
52	$\mathcal{O}(0; \{2^2, 4^2, 13, 26\})$	24
52	$\mathcal{O}(0; \{4^2, 26^3\})$	264
52	$\mathcal{O}(0; \{2^3, 13, 52^2\})$	264
52	$\mathcal{O}(0; \{4^2, 13, 52^2\})$	1056
52	$\mathcal{O}(0; \{2, 26^2, 52^2\})$	3192
54	$\mathcal{O}(0; \{2, 9, 27^2, 54\})$	972
54	$\mathcal{O}(0; \{2^2, 3^2, 54^2\})$	72
54	$\mathcal{O}(0; \{2^3, 6, 54^2\})$	36
54	$\mathcal{O}(0; \{3, 6^2, 54^2\})$	144
54	$\mathcal{O}(0; \{2, 9, 18, 54^2\})$	648
56	$\mathcal{O}(0; \{4, 7^2, 8^2\})$	48
56	$\mathcal{O}(0; \{2^3, 7, 8, 56\})$	24
56	$\mathcal{O}(0; \{4^2, 7, 8, 56\})$	96
56	$\mathcal{O}(0; \{2, 8, 14^2, 56\})$	120
56	$\mathcal{O}(0; \{2^3, 4, 56^2\})$	48
56	$\mathcal{O}(0; \{4^3, 56^2\})$	192
56	$\mathcal{O}(0; \{2, 8^2, 56^2\})$	384
57	$\mathcal{O}(0; \{3^2, 19^3\})$	612
60	$\mathcal{O}(0; \{4^2, 5, 6, 15\})$	16
60	$\mathcal{O}(0; \{3, 4, 5, 12, 15\})$	16
60	$\mathcal{O}(0; \{2, 5, 12^2, 15\})$	16
60	$\mathcal{O}(0; \{2, 4, 15^2, 20\})$	48
60	$\mathcal{O}(0; \{3^2, 6, 20^2\})$	16
60	$\mathcal{O}(0; \{2, 6^2, 20^2\})$	16
60	$\mathcal{O}(0; \{3, 4^2, 15, 30\})$	16
60	$\mathcal{O}(0; \{2, 4, 12, 15, 30\})$	16
60	$\mathcal{O}(0; \{2, 4, 10, 15, 60\})$	48

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{3^2, 5, 20, 60\})$	48
60	$\mathcal{O}(0; \{2, 5, 6, 20, 60\})$	48
60	$\mathcal{O}(0; \{2, 3, 20, 30, 60\})$	48
60	$\mathcal{O}(0; \{2, 5^2, 60^2\})$	208
60	$\mathcal{O}(0; \{2, 3, 15, 60^2\})$	144
62	$\mathcal{O}(2; \emptyset)$	13852800
62	$\mathcal{O}(1; \{2^4\})$	3840
63	$\mathcal{O}(1; \{63^2\})$	142884
63	$\mathcal{O}(0; \{3^3, 63^2\})$	288
64	$\mathcal{O}(1; \{32^2\})$	49152
64	$\mathcal{O}(0; \{2^2, 32, 64^2\})$	512
64	$\mathcal{O}(0; \{64^4\})$	32768
66	$\mathcal{O}(0; \{2, 3, 6, 11, 33\})$	20
66	$\mathcal{O}(0; \{22, 33^2, 66\})$	1820
66	$\mathcal{O}(0; \{2^2, 11, 66^2\})$	180
66	$\mathcal{O}(0; \{22^2, 66^2\})$	1820
70	$\mathcal{O}(0; \{10, 14, 35^2\})$	360
70	$\mathcal{O}(0; \{2^2, 5, 70^2\})$	72
70	$\mathcal{O}(0; \{10^2, 70^2\})$	312
72	$\mathcal{O}(0; \{8, 18^2, 24\})$	48
72	$\mathcal{O}(0; \{8, 12, 18, 72\})$	96
72	$\mathcal{O}(0; \{9^2, 24, 72\})$	144
72	$\mathcal{O}(0; \{6, 18, 24, 72\})$	96
72	$\mathcal{O}(0; \{8, 9, 36, 72\})$	144
72	$\mathcal{O}(0; \{2^2, 4, 72^2\})$	48
72	$\mathcal{O}(0; \{8^2, 72^2\})$	384
72	$\mathcal{O}(0; \{6, 12, 72^2\})$	192
76	$\mathcal{O}(0; \{4, 19^2, 76\})$	612
77	$\mathcal{O}(0; \{7^2, 11, 77\})$	300
78	$\mathcal{O}(0; \{6^2, 26^2\})$	24
78	$\mathcal{O}(0; \{3, 26, 39, 78\})$	264
81	$\mathcal{O}(0; \{3, 9, 81^2\})$	648
84	$\mathcal{O}(0; \{4, 7, 12, 21\})$	24
84	$\mathcal{O}(0; \{3, 12, 14, 28\})$	24
84	$\mathcal{O}(0; \{3, 7, 28, 84\})$	120
84	$\mathcal{O}(0; \{2^3, 84^2\})$	24
84	$\mathcal{O}(0; \{4^2, 84^2\})$	96
84	$\mathcal{O}(0; \{3, 6, 84^2\})$	72
86	$\mathcal{O}(0; \{2, 43^2, 86\})$	1722
90	$\mathcal{O}(0; \{2, 10, 90^2\})$	72
93	$\mathcal{O}(1; \{3^2\})$	17280
96	$\mathcal{O}(0; \{3^2, 32, 96\})$	32
96	$\mathcal{O}(0; \{2, 6, 32, 96\})$	32

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
108	$\mathcal{O}(0; \{2, 3, 108^2\})$	72
124	$\mathcal{O}(1; \{2^2\})$	11520
126	$\mathcal{O}(0; \{2^2, 126^2\})$	36
127	$\mathcal{O}(0; \{127^3\})$	15750
128	$\mathcal{O}(0; \{64, 128^2\})$	2048
129	$\mathcal{O}(0; \{43, 129^2\})$	3444
132	$\mathcal{O}(0; \{33, 44, 132\})$	360
132	$\mathcal{O}(0; \{22, 132^2\})$	360
133	$\mathcal{O}(0; \{19, 133^2\})$	1836
135	$\mathcal{O}(0; \{15, 135^2\})$	432
140	$\mathcal{O}(0; \{20, 28, 35\})$	48
140	$\mathcal{O}(0; \{10, 140^2\})$	144
144	$\mathcal{O}(0; \{9, 48, 144\})$	96
144	$\mathcal{O}(0; \{8, 144^2\})$	192
147	$\mathcal{O}(0; \{7, 147^2\})$	504
152	$\mathcal{O}(0; \{8, 19, 152\})$	72
154	$\mathcal{O}(0; \{7, 22, 154\})$	60
168	$\mathcal{O}(0; \{4, 168^2\})$	96
172	$\mathcal{O}(0; \{4, 43, 172\})$	84
189	$\mathcal{O}(0; \{3, 189^2\})$	216
192	$\mathcal{O}(0; \{3, 64, 192\})$	64
252	$\mathcal{O}(0; \{2, 252^2\})$	72
254	$\mathcal{O}(0; \{2, 127, 254\})$	126

Table 4: 64-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(64; \emptyset)$	1
2	$\mathcal{O}(32; \{2^2\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^6\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{10}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{14}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{18}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{22}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{26}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{30}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{34}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{38}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{42}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{46}\})$	4398046511104

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(20; \{2^{50}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{54}\})$	274877906944
2	$\mathcal{O}(18; \{2^{58}\})$	68719476736
2	$\mathcal{O}(17; \{2^{62}\})$	17179869184
2	$\mathcal{O}(16; \{2^{66}\})$	4294967296
2	$\mathcal{O}(15; \{2^{70}\})$	1073741824
2	$\mathcal{O}(14; \{2^{74}\})$	268435456
2	$\mathcal{O}(13; \{2^{78}\})$	67108864
2	$\mathcal{O}(12; \{2^{82}\})$	16777216
2	$\mathcal{O}(11; \{2^{86}\})$	4194304
2	$\mathcal{O}(10; \{2^{90}\})$	1048576
2	$\mathcal{O}(9; \{2^{94}\})$	262144
2	$\mathcal{O}(8; \{2^{98}\})$	65536
2	$\mathcal{O}(7; \{2^{102}\})$	16384
2	$\mathcal{O}(6; \{2^{106}\})$	4096
2	$\mathcal{O}(5; \{2^{110}\})$	1024
2	$\mathcal{O}(4; \{2^{114}\})$	256
2	$\mathcal{O}(3; \{2^{118}\})$	64
2	$\mathcal{O}(2; \{2^{122}\})$	16
2	$\mathcal{O}(1; \{2^{126}\})$	4
2	$\mathcal{O}(0; \{2^{130}\})$	1
3	$\mathcal{O}(22; \emptyset)$	984770902183611232880
3	$\mathcal{O}(21; \{3^3\})$	218837978263024718418
3	$\mathcal{O}(20; \{3^6\})$	267468640099252433622
3	$\mathcal{O}(19; \{3^9\})$	229644792004408655130
3	$\mathcal{O}(18; \{3^{12}\})$	205029271815700799286
3	$\mathcal{O}(17; \{3^{15}\})$	182148178523758266618
3	$\mathcal{O}(16; \{3^{18}\})$	161920610142251570262
3	$\mathcal{O}(15; \{3^{21}\})$	143928195890764383450
3	$\mathcal{O}(14; \{3^{24}\})$	127936311385878626166
3	$\mathcal{O}(13; \{3^{27}\})$	113721150425141586618
3	$\mathcal{O}(12; \{3^{30}\})$	101085468739147518102
3	$\mathcal{O}(11; \{3^{33}\})$	89853749802066991770
3	$\mathcal{O}(10; \{3^{36}\})$	79869999844980254646
3	$\mathcal{O}(9; \{3^{39}\})$	70995555415435703418
3	$\mathcal{O}(8; \{3^{42}\})$	63107160369534461142
3	$\mathcal{O}(7; \{3^{45}\})$	56095253661779712090
3	$\mathcal{O}(6; \{3^{48}\})$	49862447699362932726
3	$\mathcal{O}(5; \{3^{51}\})$	44322175732766697018
3	$\mathcal{O}(4; \{3^{54}\})$	39397489540237103382
3	$\mathcal{O}(3; \{3^{57}\})$	35019990702432976410
3	$\mathcal{O}(2; \{3^{60}\})$	31128880624384868406
3	$\mathcal{O}(1; \{3^{63}\})$	27670116110564327418

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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	$\mathcal{O}(0; \{3^{66}\})$	24595658764946068822
4	$\mathcal{O}(16; \{4^2\})$	36893488147419103232
4	$\mathcal{O}(15; \{2^4, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2, 4^4\})$	9223372036854775808
4	$\mathcal{O}(14; \{2^8, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^5, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^2, 4^6\})$	2305843009213693952
4	$\mathcal{O}(13; \{2^{12}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^9, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^6, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^3, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{4^{10}\})$	2305843009213693952
4	$\mathcal{O}(12; \{2^{16}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{13}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{10}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^7, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^4, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(11; \{2^{20}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{17}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{14}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{11}, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^8, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^5, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(11; \{2^2, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(10; \{2^{24}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{21}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{18}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{15}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^{12}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^9, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^6, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^3, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(10; \{4^{18}\})$	144115188075855872
4	$\mathcal{O}(9; \{2^{28}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{25}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{22}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{19}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{16}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{13}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^{10}, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^7, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^4, 4^{18}\})$	9007199254740992

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(9; \{2, 4^{20}\})$	36028797018963968
4	$\mathcal{O}(8; \{2^{32}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{29}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{26}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{23}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{20}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{17}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{14}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^{11}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^8, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^5, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^2, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(7; \{2^{36}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{33}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{30}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{27}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{24}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{21}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{18}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{15}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{12}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^9, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^6, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^3, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(7; \{4^{26}\})$	9007199254740992
4	$\mathcal{O}(6; \{2^{40}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{37}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{34}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{31}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{28}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{25}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{22}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{19}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{16}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{13}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{10}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^7, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^4, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2, 4^{28}\})$	2251799813685248
4	$\mathcal{O}(5; \{2^{44}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{41}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{38}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{35}, 4^8\})$	134217728

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(5; \{2^{32}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{29}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{26}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{23}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{20}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{17}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{14}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{11}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^8, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^5, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2^2, 4^{30}\})$	562949953421312
4	$\mathcal{O}(4; \{2^{48}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{45}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{42}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{39}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{36}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{33}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{30}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{27}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{24}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{21}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{18}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{15}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{12}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^9, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^6, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^3, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{4^{34}\})$	562949953421312
4	$\mathcal{O}(3; \{2^{52}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{49}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{46}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{43}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{40}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{37}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{34}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{31}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{28}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{25}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{22}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{19}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{16}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{13}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{10}, 4^{30}\})$	2199023255552

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{2^7, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^4, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{2, 4^{36}\})$	140737488355328
4	$\mathcal{O}(2; \{2^{56}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{53}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{50}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{47}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{44}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{41}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{38}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{35}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{32}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{29}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{26}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{23}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{20}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{17}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{14}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{11}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^8, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^5, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^2, 4^{38}\})$	35184372088832
4	$\mathcal{O}(1; \{2^{60}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{57}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{54}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{51}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{48}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{45}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{42}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{39}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{36}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{33}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{30}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{27}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{24}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{21}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{18}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{15}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{12}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^9, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^6, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^3, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{4^{42}\})$	35184372088832

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{2^{64}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{61}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{58}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{55}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{52}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{49}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{46}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{43}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{40}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{37}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{34}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{31}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{28}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{25}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{22}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{19}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{16}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{13}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{10}, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^7, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^4, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2, 4^{44}\})$	8796093022208
5	$\mathcal{O}(12; \{5^4\})$	3099441528320312500
5	$\mathcal{O}(10; \{5^9\})$	4999923706054687500
5	$\mathcal{O}(8; \{5^{14}\})$	8192000122070312500
5	$\mathcal{O}(6; \{5^{19}\})$	13421772799804687500
5	$\mathcal{O}(4; \{5^{24}\})$	21990232555520312500
5	$\mathcal{O}(2; \{5^{29}\})$	36028797018963967500
5	$\mathcal{O}(0; \{5^{34}\})$	59029581035870565172
6	$\mathcal{O}(11; \{2^2\})$	131621703838072832
6	$\mathcal{O}(10; \{2^6\})$	3656158439014400
6	$\mathcal{O}(10; \{2^2, 3^3\})$	7312316880125952
6	$\mathcal{O}(10; \{2^3, 3, 6\})$	7312316880125952
6	$\mathcal{O}(10; \{3^2, 6^2\})$	21936950640377856
6	$\mathcal{O}(10; \{2, 6^3\})$	7312316880125952
6	$\mathcal{O}(9; \{2^{10}\})$	101559956406272
6	$\mathcal{O}(9; \{2^6, 3^3\})$	203119913336832
6	$\mathcal{O}(9; \{2^2, 3^6\})$	2234319046705152
6	$\mathcal{O}(9; \{2^7, 3, 6\})$	203119913336832
6	$\mathcal{O}(9; \{2^3, 3^4, 6\})$	1015599566684160
6	$\mathcal{O}(9; \{2^4, 3^2, 6^2\})$	609359740010496
6	$\mathcal{O}(9; \{3^5, 6^2\})$	4265518180073472
6	$\mathcal{O}(9; \{2^5, 6^3\})$	203119913336832

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{2, 3^3, 6^3\})$	2234319046705152
6	$\mathcal{O}(9; \{2^2, 3, 6^4\})$	1015599566684160
6	$\mathcal{O}(9; \{6^6\})$	2234319046705152
6	$\mathcal{O}(8; \{2^{14}\})$	2821109841920
6	$\mathcal{O}(8; \{2^{10}, 3^3\})$	5642219814912
6	$\mathcal{O}(8; \{2^6, 3^6\})$	62064417964032
6	$\mathcal{O}(8; \{2^2, 3^9\})$	479588684267520
6	$\mathcal{O}(8; \{2^{11}, 3, 6\})$	5642219814912
6	$\mathcal{O}(8; \{2^7, 3^4, 6\})$	28211099074560
6	$\mathcal{O}(8; \{2^3, 3^7, 6\})$	242615452041216
6	$\mathcal{O}(8; \{2^8, 3^2, 6^2\})$	16926659444736
6	$\mathcal{O}(8; \{2^4, 3^5, 6^2\})$	118486616113152
6	$\mathcal{O}(8; \{3^8, 6^2\})$	964819588349952
6	$\mathcal{O}(8; \{2^9, 6^3\})$	5642219814912
6	$\mathcal{O}(8; \{2^5, 3^3, 6^3\})$	62064417964032
6	$\mathcal{O}(8; \{2, 3^6, 6^3\})$	479588684267520
6	$\mathcal{O}(8; \{2^6, 3, 6^4\})$	28211099074560
6	$\mathcal{O}(8; \{2^2, 3^4, 6^4\})$	242615452041216
6	$\mathcal{O}(8; \{2^3, 3^2, 6^5\})$	118486616113152
6	$\mathcal{O}(8; \{2^4, 6^6\})$	62064417964032
6	$\mathcal{O}(8; \{3^3, 6^6\})$	479588684267520
6	$\mathcal{O}(8; \{2, 3, 6^7\})$	242615452041216
6	$\mathcal{O}(7; \{2^{18}\})$	78364147712
6	$\mathcal{O}(7; \{2^{14}, 3^3\})$	156728328192
6	$\mathcal{O}(7; \{2^{10}, 3^6\})$	1724011610112
6	$\mathcal{O}(7; \{2^6, 3^9\})$	13321907896320
6	$\mathcal{O}(7; \{2^2, 3^{12}\})$	107045448155136
6	$\mathcal{O}(7; \{2^{15}, 3, 6\})$	156728328192
6	$\mathcal{O}(7; \{2^{11}, 3^4, 6\})$	783641640960
6	$\mathcal{O}(7; \{2^7, 3^7, 6\})$	6739318112256
6	$\mathcal{O}(7; \{2^3, 3^{10}, 6\})$	53444359913472
6	$\mathcal{O}(7; \{2^{12}, 3^2, 6^2\})$	470184984576
6	$\mathcal{O}(7; \{2^8, 3^5, 6^2\})$	3291294892032
6	$\mathcal{O}(7; \{2^4, 3^8, 6^2\})$	26800544120832
6	$\mathcal{O}(7; \{3^{11}, 6^2\})$	213934167982080
6	$\mathcal{O}(7; \{2^{13}, 6^3\})$	156728328192
6	$\mathcal{O}(7; \{2^9, 3^3, 6^3\})$	1724011610112
6	$\mathcal{O}(7; \{2^5, 3^6, 6^3\})$	13321907896320
6	$\mathcal{O}(7; \{2, 3^9, 6^3\})$	107045448155136
6	$\mathcal{O}(7; \{2^{10}, 3, 6^4\})$	783641640960
6	$\mathcal{O}(7; \{2^6, 3^4, 6^4\})$	6739318112256
6	$\mathcal{O}(7; \{2^2, 3^7, 6^4\})$	53444359913472
6	$\mathcal{O}(7; \{2^7, 3^2, 6^5\})$	3291294892032

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{2^3, 3^5, 6^5\})$	26800544120832
6	$\mathcal{O}(7; \{2^8, 6^6\})$	1724011610112
6	$\mathcal{O}(7; \{2^4, 3^3, 6^6\})$	13321907896320
6	$\mathcal{O}(7; \{3^6, 6^6\})$	107045448155136
6	$\mathcal{O}(7; \{2^5, 3, 6^7\})$	6739318112256
6	$\mathcal{O}(7; \{2, 3^4, 6^7\})$	53444359913472
6	$\mathcal{O}(7; \{2^2, 3^2, 6^8\})$	26800544120832
6	$\mathcal{O}(7; \{2^3, 6^9\})$	13321907896320
6	$\mathcal{O}(7; \{3, 6^{10}\})$	53444359913472
6	$\mathcal{O}(6; \{2^{22}\})$	2176778240
6	$\mathcal{O}(6; \{2^{18}, 3^3\})$	4353564672
6	$\mathcal{O}(6; \{2^{14}, 3^6\})$	47889211392
6	$\mathcal{O}(6; \{2^{10}, 3^9\})$	370052997120
6	$\mathcal{O}(6; \{2^6, 3^{12}\})$	2973484670976
6	$\mathcal{O}(6; \{2^2, 3^{15}\})$	23774816673792
6	$\mathcal{O}(6; \{2^{19}, 3, 6\})$	4353564672
6	$\mathcal{O}(6; \{2^{15}, 3^4, 6\})$	21767823360
6	$\mathcal{O}(6; \{2^{11}, 3^7, 6\})$	187203280896
6	$\mathcal{O}(6; \{2^7, 3^{10}, 6\})$	1484565553152
6	$\mathcal{O}(6; \{2^3, 3^{13}, 6\})$	11889585119232
6	$\mathcal{O}(6; \{2^{16}, 3^2, 6^2\})$	13060694016
6	$\mathcal{O}(6; \{2^{12}, 3^5, 6^2\})$	91424858112
6	$\mathcal{O}(6; \{2^8, 3^8, 6^2\})$	744459558912
6	$\mathcal{O}(6; \{2^4, 3^{11}, 6^2\})$	5942615777280
6	$\mathcal{O}(6; \{3^{14}, 6^2\})$	47553986912256
6	$\mathcal{O}(6; \{2^{17}, 6^3\})$	4353564672
6	$\mathcal{O}(6; \{2^{13}, 3^3, 6^3\})$	47889211392
6	$\mathcal{O}(6; \{2^9, 3^6, 6^3\})$	370052997120
6	$\mathcal{O}(6; \{2^5, 3^9, 6^3\})$	2973484670976
6	$\mathcal{O}(6; \{2, 3^{12}, 6^3\})$	23774816673792
6	$\mathcal{O}(6; \{2^{14}, 3, 6^4\})$	21767823360
6	$\mathcal{O}(6; \{2^{10}, 3^4, 6^4\})$	187203280896
6	$\mathcal{O}(6; \{2^6, 3^7, 6^4\})$	1484565553152
6	$\mathcal{O}(6; \{2^2, 3^{10}, 6^4\})$	11889585119232
6	$\mathcal{O}(6; \{2^{11}, 3^2, 6^5\})$	91424858112
6	$\mathcal{O}(6; \{2^7, 3^5, 6^5\})$	744459558912
6	$\mathcal{O}(6; \{2^3, 3^8, 6^5\})$	5942615777280
6	$\mathcal{O}(6; \{2^{12}, 6^6\})$	47889211392
6	$\mathcal{O}(6; \{2^8, 3^3, 6^6\})$	370052997120
6	$\mathcal{O}(6; \{2^4, 3^6, 6^6\})$	2973484670976
6	$\mathcal{O}(6; \{3^9, 6^6\})$	23774816673792
6	$\mathcal{O}(6; \{2^9, 3, 6^7\})$	187203280896
6	$\mathcal{O}(6; \{2^5, 3^4, 6^7\})$	1484565553152

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2, 3^7, 6^7\})$	11889585119232
6	$\mathcal{O}(6; \{2^6, 3^2, 6^8\})$	744459558912
6	$\mathcal{O}(6; \{2^2, 3^5, 6^8\})$	5942615777280
6	$\mathcal{O}(6; \{2^7, 6^9\})$	370052997120
6	$\mathcal{O}(6; \{2^3, 3^3, 6^9\})$	2973484670976
6	$\mathcal{O}(6; \{2^4, 3, 6^{10}\})$	1484565553152
6	$\mathcal{O}(6; \{3^4, 6^{10}\})$	11889585119232
6	$\mathcal{O}(6; \{2, 3^2, 6^{11}\})$	5942615777280
6	$\mathcal{O}(6; \{2^2, 6^{12}\})$	2973484670976
6	$\mathcal{O}(5; \{2^{26}\})$	60465152
6	$\mathcal{O}(5; \{2^{22}, 3^3\})$	120932352
6	$\mathcal{O}(5; \{2^{18}, 3^6\})$	1330255872
6	$\mathcal{O}(5; \{2^{14}, 3^9\})$	10279249920
6	$\mathcal{O}(5; \{2^{10}, 3^{12}\})$	82596796416
6	$\mathcal{O}(5; \{2^6, 3^{15}\})$	660411574272
6	$\mathcal{O}(5; \{2^2, 3^{18}\})$	5283655391232
6	$\mathcal{O}(5; \{2^{23}, 3, 6\})$	120932352
6	$\mathcal{O}(5; \{2^{19}, 3^4, 6\})$	604661760
6	$\mathcal{O}(5; \{2^{15}, 3^7, 6\})$	5200091136
6	$\mathcal{O}(5; \{2^{11}, 3^{10}, 6\})$	41237932032
6	$\mathcal{O}(5; \{2^7, 3^{13}, 6\})$	330266253312
6	$\mathcal{O}(5; \{2^3, 3^{16}, 6\})$	2641767229440
6	$\mathcal{O}(5; \{2^{20}, 3^2, 6^2\})$	362797056
6	$\mathcal{O}(5; \{2^{16}, 3^5, 6^2\})$	2539579392
6	$\mathcal{O}(5; \{2^{12}, 3^8, 6^2\})$	20679432192
6	$\mathcal{O}(5; \{2^8, 3^{11}, 6^2\})$	165072660480
6	$\mathcal{O}(5; \{2^4, 3^{14}, 6^2\})$	1320944080896
6	$\mathcal{O}(5; \{3^{17}, 6^2\})$	10567189850112
6	$\mathcal{O}(5; \{2^{21}, 6^3\})$	120932352
6	$\mathcal{O}(5; \{2^{17}, 3^3, 6^3\})$	1330255872
6	$\mathcal{O}(5; \{2^{13}, 3^6, 6^3\})$	10279249920
6	$\mathcal{O}(5; \{2^9, 3^9, 6^3\})$	82596796416
6	$\mathcal{O}(5; \{2^5, 3^{12}, 6^3\})$	660411574272
6	$\mathcal{O}(5; \{2, 3^{15}, 6^3\})$	5283655391232
6	$\mathcal{O}(5; \{2^{18}, 3, 6^4\})$	604661760
6	$\mathcal{O}(5; \{2^{14}, 3^4, 6^4\})$	5200091136
6	$\mathcal{O}(5; \{2^{10}, 3^7, 6^4\})$	41237932032
6	$\mathcal{O}(5; \{2^6, 3^{10}, 6^4\})$	330266253312
6	$\mathcal{O}(5; \{2^2, 3^{13}, 6^4\})$	2641767229440
6	$\mathcal{O}(5; \{2^{15}, 3^2, 6^5\})$	2539579392
6	$\mathcal{O}(5; \{2^{11}, 3^5, 6^5\})$	20679432192
6	$\mathcal{O}(5; \{2^7, 3^8, 6^5\})$	165072660480
6	$\mathcal{O}(5; \{2^3, 3^{11}, 6^5\})$	1320944080896

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^{16}, 6^6\})$	1330255872
6	$\mathcal{O}(5; \{2^{12}, 3^3, 6^6\})$	10279249920
6	$\mathcal{O}(5; \{2^8, 3^6, 6^6\})$	82596796416
6	$\mathcal{O}(5; \{2^4, 3^9, 6^6\})$	660411574272
6	$\mathcal{O}(5; \{3^{12}, 6^6\})$	5283655391232
6	$\mathcal{O}(5; \{2^{13}, 3, 6^7\})$	5200091136
6	$\mathcal{O}(5; \{2^9, 3^4, 6^7\})$	41237932032
6	$\mathcal{O}(5; \{2^5, 3^7, 6^7\})$	330266253312
6	$\mathcal{O}(5; \{2, 3^{10}, 6^7\})$	2641767229440
6	$\mathcal{O}(5; \{2^{10}, 3^2, 6^8\})$	20679432192
6	$\mathcal{O}(5; \{2^6, 3^5, 6^8\})$	165072660480
6	$\mathcal{O}(5; \{2^2, 3^8, 6^8\})$	1320944080896
6	$\mathcal{O}(5; \{2^{11}, 6^9\})$	10279249920
6	$\mathcal{O}(5; \{2^7, 3^3, 6^9\})$	82596796416
6	$\mathcal{O}(5; \{2^3, 3^6, 6^9\})$	660411574272
6	$\mathcal{O}(5; \{2^8, 3, 6^{10}\})$	41237932032
6	$\mathcal{O}(5; \{2^4, 3^4, 6^{10}\})$	330266253312
6	$\mathcal{O}(5; \{3^7, 6^{10}\})$	2641767229440
6	$\mathcal{O}(5; \{2^5, 3^2, 6^{11}\})$	165072660480
6	$\mathcal{O}(5; \{2, 3^5, 6^{11}\})$	1320944080896
6	$\mathcal{O}(5; \{2^6, 6^{12}\})$	82596796416
6	$\mathcal{O}(5; \{2^2, 3^3, 6^{12}\})$	660411574272
6	$\mathcal{O}(5; \{2^3, 3, 6^{13}\})$	330266253312
6	$\mathcal{O}(5; \{3^2, 6^{14}\})$	1320944080896
6	$\mathcal{O}(5; \{2, 6^{15}\})$	660411574272
6	$\mathcal{O}(4; \{2^{30}\})$	1679360
6	$\mathcal{O}(4; \{2^{26}, 3^3\})$	3359232
6	$\mathcal{O}(4; \{2^{22}, 3^6\})$	36951552
6	$\mathcal{O}(4; \{2^{18}, 3^9\})$	285534720
6	$\mathcal{O}(4; \{2^{14}, 3^{12}\})$	2294355456
6	$\mathcal{O}(4; \{2^{10}, 3^{15}\})$	18344765952
6	$\mathcal{O}(4; \{2^6, 3^{18}\})$	146768205312
6	$\mathcal{O}(4; \{2^2, 3^{21}\})$	1174135564800
6	$\mathcal{O}(4; \{2^{27}, 3, 6\})$	3359232
6	$\mathcal{O}(4; \{2^{23}, 3^4, 6\})$	16796160
6	$\mathcal{O}(4; \{2^{19}, 3^7, 6\})$	144446976
6	$\mathcal{O}(4; \{2^{15}, 3^{10}, 6\})$	1145498112
6	$\mathcal{O}(4; \{2^{11}, 3^{13}, 6\})$	9174062592
6	$\mathcal{O}(4; \{2^7, 3^{16}, 6\})$	73382423040
6	$\mathcal{O}(4; \{2^3, 3^{19}, 6\})$	587069462016
6	$\mathcal{O}(4; \{2^{24}, 3^2, 6^2\})$	10077696
6	$\mathcal{O}(4; \{2^{20}, 3^5, 6^2\})$	70543872
6	$\mathcal{O}(4; \{2^{16}, 3^8, 6^2\})$	574428672

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^{12}, 3^{11}, 6^2\})$	4585351680
6	$\mathcal{O}(4; \{2^8, 3^{14}, 6^2\})$	36692891136
6	$\mathcal{O}(4; \{2^4, 3^{17}, 6^2\})$	293533051392
6	$\mathcal{O}(4; \{3^{20}, 6^2\})$	2348274488832
6	$\mathcal{O}(4; \{2^{25}, 6^3\})$	3359232
6	$\mathcal{O}(4; \{2^{21}, 3^3, 6^3\})$	36951552
6	$\mathcal{O}(4; \{2^{17}, 3^6, 6^3\})$	285534720
6	$\mathcal{O}(4; \{2^{13}, 3^9, 6^3\})$	2294355456
6	$\mathcal{O}(4; \{2^9, 3^{12}, 6^3\})$	18344765952
6	$\mathcal{O}(4; \{2^5, 3^{15}, 6^3\})$	146768205312
6	$\mathcal{O}(4; \{2, 3^{18}, 6^3\})$	1174135564800
6	$\mathcal{O}(4; \{2^{22}, 3, 6^4\})$	16796160
6	$\mathcal{O}(4; \{2^{18}, 3^4, 6^4\})$	144446976
6	$\mathcal{O}(4; \{2^{14}, 3^7, 6^4\})$	1145498112
6	$\mathcal{O}(4; \{2^{10}, 3^{10}, 6^4\})$	9174062592
6	$\mathcal{O}(4; \{2^6, 3^{13}, 6^4\})$	73382423040
6	$\mathcal{O}(4; \{2^2, 3^{16}, 6^4\})$	587069462016
6	$\mathcal{O}(4; \{2^{19}, 3^2, 6^5\})$	70543872
6	$\mathcal{O}(4; \{2^{15}, 3^5, 6^5\})$	574428672
6	$\mathcal{O}(4; \{2^{11}, 3^8, 6^5\})$	4585351680
6	$\mathcal{O}(4; \{2^7, 3^{11}, 6^5\})$	36692891136
6	$\mathcal{O}(4; \{2^3, 3^{14}, 6^5\})$	293533051392
6	$\mathcal{O}(4; \{2^{20}, 6^6\})$	36951552
6	$\mathcal{O}(4; \{2^{16}, 3^3, 6^6\})$	285534720
6	$\mathcal{O}(4; \{2^{12}, 3^6, 6^6\})$	2294355456
6	$\mathcal{O}(4; \{2^8, 3^9, 6^6\})$	18344765952
6	$\mathcal{O}(4; \{2^4, 3^{12}, 6^6\})$	146768205312
6	$\mathcal{O}(4; \{3^{15}, 6^6\})$	1174135564800
6	$\mathcal{O}(4; \{2^{17}, 3, 6^7\})$	144446976
6	$\mathcal{O}(4; \{2^{13}, 3^4, 6^7\})$	1145498112
6	$\mathcal{O}(4; \{2^9, 3^7, 6^7\})$	9174062592
6	$\mathcal{O}(4; \{2^5, 3^{10}, 6^7\})$	73382423040
6	$\mathcal{O}(4; \{2, 3^{13}, 6^7\})$	587069462016
6	$\mathcal{O}(4; \{2^{14}, 3^2, 6^8\})$	574428672
6	$\mathcal{O}(4; \{2^{10}, 3^5, 6^8\})$	4585351680
6	$\mathcal{O}(4; \{2^6, 3^8, 6^8\})$	36692891136
6	$\mathcal{O}(4; \{2^2, 3^{11}, 6^8\})$	293533051392
6	$\mathcal{O}(4; \{2^{15}, 6^9\})$	285534720
6	$\mathcal{O}(4; \{2^{11}, 3^3, 6^9\})$	2294355456
6	$\mathcal{O}(4; \{2^7, 3^6, 6^9\})$	18344765952
6	$\mathcal{O}(4; \{2^3, 3^9, 6^9\})$	146768205312
6	$\mathcal{O}(4; \{2^{12}, 3, 6^{10}\})$	1145498112
6	$\mathcal{O}(4; \{2^8, 3^4, 6^{10}\})$	9174062592

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^4, 3^7, 6^{10}\})$	73382423040
6	$\mathcal{O}(4; \{3^{10}, 6^{10}\})$	587069462016
6	$\mathcal{O}(4; \{2^9, 3^2, 6^{11}\})$	4585351680
6	$\mathcal{O}(4; \{2^5, 3^5, 6^{11}\})$	36692891136
6	$\mathcal{O}(4; \{2, 3^8, 6^{11}\})$	293533051392
6	$\mathcal{O}(4; \{2^{10}, 6^{12}\})$	2294355456
6	$\mathcal{O}(4; \{2^6, 3^3, 6^{12}\})$	18344765952
6	$\mathcal{O}(4; \{2^2, 3^6, 6^{12}\})$	146768205312
6	$\mathcal{O}(4; \{2^7, 3, 6^{13}\})$	9174062592
6	$\mathcal{O}(4; \{2^3, 3^4, 6^{13}\})$	73382423040
6	$\mathcal{O}(4; \{2^4, 3^2, 6^{14}\})$	36692891136
6	$\mathcal{O}(4; \{3^5, 6^{14}\})$	293533051392
6	$\mathcal{O}(4; \{2^5, 6^{15}\})$	18344765952
6	$\mathcal{O}(4; \{2, 3^3, 6^{15}\})$	146768205312
6	$\mathcal{O}(4; \{2^2, 3, 6^{16}\})$	73382423040
6	$\mathcal{O}(4; \{6^{18}\})$	146768205312
6	$\mathcal{O}(3; \{2^{34}\})$	46592
6	$\mathcal{O}(3; \{2^{30}, 3^3\})$	93312
6	$\mathcal{O}(3; \{2^{26}, 3^6\})$	1026432
6	$\mathcal{O}(3; \{2^{22}, 3^9\})$	7931520
6	$\mathcal{O}(3; \{2^{18}, 3^{12}\})$	63732096
6	$\mathcal{O}(3; \{2^{14}, 3^{15}\})$	509576832
6	$\mathcal{O}(3; \{2^{10}, 3^{18}\})$	4076894592
6	$\mathcal{O}(3; \{2^6, 3^{21}\})$	32614876800
6	$\mathcal{O}(3; \{2^2, 3^{24}\})$	260919294336
6	$\mathcal{O}(3; \{2^{31}, 3, 6\})$	93312
6	$\mathcal{O}(3; \{2^{27}, 3^4, 6\})$	466560
6	$\mathcal{O}(3; \{2^{23}, 3^7, 6\})$	4012416
6	$\mathcal{O}(3; \{2^{19}, 3^{10}, 6\})$	31819392
6	$\mathcal{O}(3; \{2^{15}, 3^{13}, 6\})$	254835072
6	$\mathcal{O}(3; \{2^{11}, 3^{16}, 6\})$	2038400640
6	$\mathcal{O}(3; \{2^7, 3^{19}, 6\})$	16307485056
6	$\mathcal{O}(3; \{2^3, 3^{22}, 6\})$	130459600512
6	$\mathcal{O}(3; \{2^{28}, 3^2, 6^2\})$	279936
6	$\mathcal{O}(3; \{2^{24}, 3^5, 6^2\})$	1959552
6	$\mathcal{O}(3; \{2^{20}, 3^8, 6^2\})$	15956352
6	$\mathcal{O}(3; \{2^{16}, 3^{11}, 6^2\})$	127370880
6	$\mathcal{O}(3; \{2^{12}, 3^{14}, 6^2\})$	1019246976
6	$\mathcal{O}(3; \{2^8, 3^{17}, 6^2\})$	8153695872
6	$\mathcal{O}(3; \{2^4, 3^{20}, 6^2\})$	65229846912
6	$\mathcal{O}(3; \{3^{23}, 6^2\})$	521838495360
6	$\mathcal{O}(3; \{2^{29}, 6^3\})$	93312
6	$\mathcal{O}(3; \{2^{25}, 3^3, 6^3\})$	1026432

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{12}, 3^4, 6^{10}\})$	254835072
6	$\mathcal{O}(3; \{2^8, 3^7, 6^{10}\})$	2038400640
6	$\mathcal{O}(3; \{2^4, 3^{10}, 6^{10}\})$	16307485056
6	$\mathcal{O}(3; \{3^{13}, 6^{10}\})$	130459600512
6	$\mathcal{O}(3; \{2^{13}, 3^2, 6^{11}\})$	127370880
6	$\mathcal{O}(3; \{2^9, 3^5, 6^{11}\})$	1019246976
6	$\mathcal{O}(3; \{2^5, 3^8, 6^{11}\})$	8153695872
6	$\mathcal{O}(3; \{2, 3^{11}, 6^{11}\})$	65229846912
6	$\mathcal{O}(3; \{2^{14}, 6^{12}\})$	63732096
6	$\mathcal{O}(3; \{2^{10}, 3^3, 6^{12}\})$	509576832
6	$\mathcal{O}(3; \{2^6, 3^6, 6^{12}\})$	4076894592
6	$\mathcal{O}(3; \{2^2, 3^9, 6^{12}\})$	32614876800
6	$\mathcal{O}(3; \{2^{11}, 3, 6^{13}\})$	254835072
6	$\mathcal{O}(3; \{2^7, 3^4, 6^{13}\})$	2038400640
6	$\mathcal{O}(3; \{2^3, 3^7, 6^{13}\})$	16307485056
6	$\mathcal{O}(3; \{2^8, 3^2, 6^{14}\})$	1019246976
6	$\mathcal{O}(3; \{2^4, 3^5, 6^{14}\})$	8153695872
6	$\mathcal{O}(3; \{3^8, 6^{14}\})$	65229846912
6	$\mathcal{O}(3; \{2^9, 6^{15}\})$	509576832
6	$\mathcal{O}(3; \{2^5, 3^3, 6^{15}\})$	4076894592
6	$\mathcal{O}(3; \{2, 3^6, 6^{15}\})$	32614876800
6	$\mathcal{O}(3; \{2^6, 3, 6^{16}\})$	2038400640
6	$\mathcal{O}(3; \{2^2, 3^4, 6^{16}\})$	16307485056
6	$\mathcal{O}(3; \{2^3, 3^2, 6^{17}\})$	8153695872
6	$\mathcal{O}(3; \{2^4, 6^{18}\})$	4076894592
6	$\mathcal{O}(3; \{3^3, 6^{18}\})$	32614876800
6	$\mathcal{O}(3; \{2, 3, 6^{19}\})$	16307485056
6	$\mathcal{O}(2; \{2^{38}\})$	1280
6	$\mathcal{O}(2; \{2^{34}, 3^3\})$	2592
6	$\mathcal{O}(2; \{2^{30}, 3^6\})$	28512
6	$\mathcal{O}(2; \{2^{26}, 3^9\})$	220320
6	$\mathcal{O}(2; \{2^{22}, 3^{12}\})$	1770336
6	$\mathcal{O}(2; \{2^{18}, 3^{15}\})$	14154912
6	$\mathcal{O}(2; \{2^{14}, 3^{18}\})$	113247072
6	$\mathcal{O}(2; \{2^{10}, 3^{21}\})$	905968800
6	$\mathcal{O}(2; \{2^6, 3^{24}\})$	7247758176
6	$\mathcal{O}(2; \{2^2, 3^{27}\})$	57982057632
6	$\mathcal{O}(2; \{2^{35}, 3, 6\})$	2592
6	$\mathcal{O}(2; \{2^{31}, 3^4, 6\})$	12960
6	$\mathcal{O}(2; \{2^{27}, 3^7, 6\})$	111456
6	$\mathcal{O}(2; \{2^{23}, 3^{10}, 6\})$	883872
6	$\mathcal{O}(2; \{2^{19}, 3^{13}, 6\})$	7078752
6	$\mathcal{O}(2; \{2^{15}, 3^{16}, 6\})$	56622240

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{3^{11}, 6^{14}\})$	14495513760
6	$\mathcal{O}(2; \{2^{13}, 6^{15}\})$	14154912
6	$\mathcal{O}(2; \{2^9, 3^3, 6^{15}\})$	113247072
6	$\mathcal{O}(2; \{2^5, 3^6, 6^{15}\})$	905968800
6	$\mathcal{O}(2; \{2, 3^9, 6^{15}\})$	7247758176
6	$\mathcal{O}(2; \{2^{10}, 3, 6^{16}\})$	56622240
6	$\mathcal{O}(2; \{2^6, 3^4, 6^{16}\})$	452985696
6	$\mathcal{O}(2; \{2^2, 3^7, 6^{16}\})$	3623877792
6	$\mathcal{O}(2; \{2^7, 3^2, 6^{17}\})$	226491552
6	$\mathcal{O}(2; \{2^3, 3^5, 6^{17}\})$	1811940192
6	$\mathcal{O}(2; \{2^8, 6^{18}\})$	113247072
6	$\mathcal{O}(2; \{2^4, 3^3, 6^{18}\})$	905968800
6	$\mathcal{O}(2; \{3^6, 6^{18}\})$	7247758176
6	$\mathcal{O}(2; \{2^5, 3, 6^{19}\})$	452985696
6	$\mathcal{O}(2; \{2, 3^4, 6^{19}\})$	3623877792
6	$\mathcal{O}(2; \{2^2, 3^2, 6^{20}\})$	1811940192
6	$\mathcal{O}(2; \{2^3, 6^{21}\})$	905968800
6	$\mathcal{O}(2; \{3, 6^{22}\})$	3623877792
6	$\mathcal{O}(1; \{2^{42}\})$	32
6	$\mathcal{O}(1; \{2^{38}, 3^3\})$	72
6	$\mathcal{O}(1; \{2^{34}, 3^6\})$	792
6	$\mathcal{O}(1; \{2^{30}, 3^9\})$	6120
6	$\mathcal{O}(1; \{2^{26}, 3^{12}\})$	49176
6	$\mathcal{O}(1; \{2^{22}, 3^{15}\})$	393192
6	$\mathcal{O}(1; \{2^{18}, 3^{18}\})$	3145752
6	$\mathcal{O}(1; \{2^{14}, 3^{21}\})$	25165800
6	$\mathcal{O}(1; \{2^{10}, 3^{24}\})$	201326616
6	$\mathcal{O}(1; \{2^6, 3^{27}\})$	1610612712
6	$\mathcal{O}(1; \{2^2, 3^{30}\})$	12884901912
6	$\mathcal{O}(1; \{2^{39}, 3, 6\})$	72
6	$\mathcal{O}(1; \{2^{35}, 3^4, 6\})$	360
6	$\mathcal{O}(1; \{2^{31}, 3^7, 6\})$	3096
6	$\mathcal{O}(1; \{2^{27}, 3^{10}, 6\})$	24552
6	$\mathcal{O}(1; \{2^{23}, 3^{13}, 6\})$	196632
6	$\mathcal{O}(1; \{2^{19}, 3^{16}, 6\})$	1572840
6	$\mathcal{O}(1; \{2^{15}, 3^{19}, 6\})$	12582936
6	$\mathcal{O}(1; \{2^{11}, 3^{22}, 6\})$	100663272
6	$\mathcal{O}(1; \{2^7, 3^{25}, 6\})$	805306392
6	$\mathcal{O}(1; \{2^3, 3^{28}, 6\})$	6442450920
6	$\mathcal{O}(1; \{2^{36}, 3^2, 6^2\})$	216
6	$\mathcal{O}(1; \{2^{32}, 3^5, 6^2\})$	1512
6	$\mathcal{O}(1; \{2^{28}, 3^8, 6^2\})$	12312
6	$\mathcal{O}(1; \{2^{24}, 3^{11}, 6^2\})$	98280

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

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

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^7, 3^{10}, 6^{13}\})$	100663272
6	$\mathcal{O}(1; \{2^3, 3^{13}, 6^{13}\})$	805306392
6	$\mathcal{O}(1; \{2^{16}, 3^2, 6^{14}\})$	786456
6	$\mathcal{O}(1; \{2^{12}, 3^5, 6^{14}\})$	6291432
6	$\mathcal{O}(1; \{2^8, 3^8, 6^{14}\})$	50331672
6	$\mathcal{O}(1; \{2^4, 3^{11}, 6^{14}\})$	402653160
6	$\mathcal{O}(1; \{3^{14}, 6^{14}\})$	3221225496
6	$\mathcal{O}(1; \{2^{17}, 6^{15}\})$	393192
6	$\mathcal{O}(1; \{2^{13}, 3^3, 6^{15}\})$	3145752
6	$\mathcal{O}(1; \{2^9, 3^6, 6^{15}\})$	25165800
6	$\mathcal{O}(1; \{2^5, 3^9, 6^{15}\})$	201326616
6	$\mathcal{O}(1; \{2, 3^{12}, 6^{15}\})$	1610612712
6	$\mathcal{O}(1; \{2^{14}, 3, 6^{16}\})$	1572840
6	$\mathcal{O}(1; \{2^{10}, 3^4, 6^{16}\})$	12582936
6	$\mathcal{O}(1; \{2^6, 3^7, 6^{16}\})$	100663272
6	$\mathcal{O}(1; \{2^2, 3^{10}, 6^{16}\})$	805306392
6	$\mathcal{O}(1; \{2^{11}, 3^2, 6^{17}\})$	6291432
6	$\mathcal{O}(1; \{2^7, 3^5, 6^{17}\})$	50331672
6	$\mathcal{O}(1; \{2^3, 3^8, 6^{17}\})$	402653160
6	$\mathcal{O}(1; \{2^{12}, 6^{18}\})$	3145752
6	$\mathcal{O}(1; \{2^8, 3^3, 6^{18}\})$	25165800
6	$\mathcal{O}(1; \{2^4, 3^6, 6^{18}\})$	201326616
6	$\mathcal{O}(1; \{3^9, 6^{18}\})$	1610612712
6	$\mathcal{O}(1; \{2^9, 3, 6^{19}\})$	12582936
6	$\mathcal{O}(1; \{2^5, 3^4, 6^{19}\})$	100663272
6	$\mathcal{O}(1; \{2, 3^7, 6^{19}\})$	805306392
6	$\mathcal{O}(1; \{2^6, 3^2, 6^{20}\})$	50331672
6	$\mathcal{O}(1; \{2^2, 3^5, 6^{20}\})$	402653160
6	$\mathcal{O}(1; \{2^7, 6^{21}\})$	25165800
6	$\mathcal{O}(1; \{2^3, 3^3, 6^{21}\})$	201326616
6	$\mathcal{O}(1; \{2^4, 3, 6^{22}\})$	100663272
6	$\mathcal{O}(1; \{3^4, 6^{22}\})$	805306392
6	$\mathcal{O}(1; \{2, 3^2, 6^{23}\})$	402653160
6	$\mathcal{O}(1; \{2^2, 6^{24}\})$	201326616
6	$\mathcal{O}(0; \{2^{42}, 3^3\})$	2
6	$\mathcal{O}(0; \{2^{38}, 3^6\})$	22
6	$\mathcal{O}(0; \{2^{34}, 3^9\})$	170
6	$\mathcal{O}(0; \{2^{30}, 3^{12}\})$	1366
6	$\mathcal{O}(0; \{2^{26}, 3^{15}\})$	10922
6	$\mathcal{O}(0; \{2^{22}, 3^{18}\})$	87382
6	$\mathcal{O}(0; \{2^{18}, 3^{21}\})$	699050
6	$\mathcal{O}(0; \{2^{14}, 3^{24}\})$	5592406
6	$\mathcal{O}(0; \{2^{10}, 3^{27}\})$	44739242

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{18}, 3, 6^{16}\})$	43690
6	$\mathcal{O}(0; \{2^{14}, 3^4, 6^{16}\})$	349526
6	$\mathcal{O}(0; \{2^{10}, 3^7, 6^{16}\})$	2796202
6	$\mathcal{O}(0; \{2^6, 3^{10}, 6^{16}\})$	22369622
6	$\mathcal{O}(0; \{2^2, 3^{13}, 6^{16}\})$	178956970
6	$\mathcal{O}(0; \{2^{15}, 3^2, 6^{17}\})$	174762
6	$\mathcal{O}(0; \{2^{11}, 3^5, 6^{17}\})$	1398102
6	$\mathcal{O}(0; \{2^7, 3^8, 6^{17}\})$	11184810
6	$\mathcal{O}(0; \{2^3, 3^{11}, 6^{17}\})$	89478486
6	$\mathcal{O}(0; \{2^{16}, 6^{18}\})$	87382
6	$\mathcal{O}(0; \{2^{12}, 3^3, 6^{18}\})$	699050
6	$\mathcal{O}(0; \{2^8, 3^6, 6^{18}\})$	5592406
6	$\mathcal{O}(0; \{2^4, 3^9, 6^{18}\})$	44739242
6	$\mathcal{O}(0; \{3^{12}, 6^{18}\})$	357913942
6	$\mathcal{O}(0; \{2^{13}, 3, 6^{19}\})$	349526
6	$\mathcal{O}(0; \{2^9, 3^4, 6^{19}\})$	2796202
6	$\mathcal{O}(0; \{2^5, 3^7, 6^{19}\})$	22369622
6	$\mathcal{O}(0; \{2, 3^{10}, 6^{19}\})$	178956970
6	$\mathcal{O}(0; \{2^{10}, 3^2, 6^{20}\})$	1398102
6	$\mathcal{O}(0; \{2^6, 3^5, 6^{20}\})$	11184810
6	$\mathcal{O}(0; \{2^2, 3^8, 6^{20}\})$	89478486
6	$\mathcal{O}(0; \{2^{11}, 6^{21}\})$	699050
6	$\mathcal{O}(0; \{2^7, 3^3, 6^{21}\})$	5592406
6	$\mathcal{O}(0; \{2^3, 3^6, 6^{21}\})$	44739242
6	$\mathcal{O}(0; \{2^8, 3, 6^{22}\})$	2796202
6	$\mathcal{O}(0; \{2^4, 3^4, 6^{22}\})$	22369622
6	$\mathcal{O}(0; \{3^7, 6^{22}\})$	178956970
6	$\mathcal{O}(0; \{2^5, 3^2, 6^{23}\})$	11184810
6	$\mathcal{O}(0; \{2, 3^5, 6^{23}\})$	89478486
6	$\mathcal{O}(0; \{2^6, 6^{24}\})$	5592406
6	$\mathcal{O}(0; \{2^2, 3^3, 6^{24}\})$	44739242
6	$\mathcal{O}(0; \{2^3, 3, 6^{25}\})$	22369622
6	$\mathcal{O}(0; \{3^2, 6^{26}\})$	89478486
6	$\mathcal{O}(0; \{2, 6^{27}\})$	44739242
7	$\mathcal{O}(10; \emptyset)$	79792266297612000
7	$\mathcal{O}(7; \{7^7\})$	27122140683231510
7	$\mathcal{O}(4; \{7^{14}\})$	64536258797053386
7	$\mathcal{O}(1; \{7^{21}\})$	153558654482644950
8	$\mathcal{O}(8; \{8^2\})$	1125899906842624
8	$\mathcal{O}(7; \{2^4, 8^2\})$	17592186044416
8	$\mathcal{O}(7; \{2, 4^2, 8^2\})$	70368744177664
8	$\mathcal{O}(6; \{2^8, 8^2\})$	274877906944
8	$\mathcal{O}(6; \{2^5, 4^2, 8^2\})$	1099511627776

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^4, 4^4, 8^{10}\})$	17179869184
8	$\mathcal{O}(2; \{2, 4^6, 8^{10}\})$	68719476736
8	$\mathcal{O}(2; \{2^5, 4, 8^{12}\})$	34359738368
8	$\mathcal{O}(2; \{2^2, 4^3, 8^{12}\})$	137438953472
8	$\mathcal{O}(2; \{2^3, 8^{14}\})$	274877906944
8	$\mathcal{O}(2; \{4^2, 8^{14}\})$	1099511627776
8	$\mathcal{O}(1; \{2^{28}, 8^2\})$	256
8	$\mathcal{O}(1; \{2^{25}, 4^2, 8^2\})$	1024
8	$\mathcal{O}(1; \{2^{22}, 4^4, 8^2\})$	4096
8	$\mathcal{O}(1; \{2^{19}, 4^6, 8^2\})$	16384
8	$\mathcal{O}(1; \{2^{16}, 4^8, 8^2\})$	65536
8	$\mathcal{O}(1; \{2^{13}, 4^{10}, 8^2\})$	262144
8	$\mathcal{O}(1; \{2^{10}, 4^{12}, 8^2\})$	1048576
8	$\mathcal{O}(1; \{2^7, 4^{14}, 8^2\})$	4194304
8	$\mathcal{O}(1; \{2^4, 4^{16}, 8^2\})$	16777216
8	$\mathcal{O}(1; \{2, 4^{18}, 8^2\})$	67108864
8	$\mathcal{O}(1; \{2^{23}, 4, 8^4\})$	8192
8	$\mathcal{O}(1; \{2^{20}, 4^3, 8^4\})$	32768
8	$\mathcal{O}(1; \{2^{17}, 4^5, 8^4\})$	131072
8	$\mathcal{O}(1; \{2^{14}, 4^7, 8^4\})$	524288
8	$\mathcal{O}(1; \{2^{11}, 4^9, 8^4\})$	2097152
8	$\mathcal{O}(1; \{2^8, 4^{11}, 8^4\})$	8388608
8	$\mathcal{O}(1; \{2^5, 4^{13}, 8^4\})$	33554432
8	$\mathcal{O}(1; \{2^2, 4^{15}, 8^4\})$	134217728
8	$\mathcal{O}(1; \{2^{21}, 8^6\})$	65536
8	$\mathcal{O}(1; \{2^{18}, 4^2, 8^6\})$	262144
8	$\mathcal{O}(1; \{2^{15}, 4^4, 8^6\})$	1048576
8	$\mathcal{O}(1; \{2^{12}, 4^6, 8^6\})$	4194304
8	$\mathcal{O}(1; \{2^9, 4^8, 8^6\})$	16777216
8	$\mathcal{O}(1; \{2^6, 4^{10}, 8^6\})$	67108864
8	$\mathcal{O}(1; \{2^3, 4^{12}, 8^6\})$	268435456
8	$\mathcal{O}(1; \{4^{14}, 8^6\})$	1073741824
8	$\mathcal{O}(1; \{2^{16}, 4, 8^8\})$	2097152
8	$\mathcal{O}(1; \{2^{13}, 4^3, 8^8\})$	8388608
8	$\mathcal{O}(1; \{2^{10}, 4^5, 8^8\})$	33554432
8	$\mathcal{O}(1; \{2^7, 4^7, 8^8\})$	134217728
8	$\mathcal{O}(1; \{2^4, 4^9, 8^8\})$	536870912
8	$\mathcal{O}(1; \{2, 4^{11}, 8^8\})$	2147483648
8	$\mathcal{O}(1; \{2^{14}, 8^{10}\})$	16777216
8	$\mathcal{O}(1; \{2^{11}, 4^2, 8^{10}\})$	67108864
8	$\mathcal{O}(1; \{2^8, 4^4, 8^{10}\})$	268435456
8	$\mathcal{O}(1; \{2^5, 4^6, 8^{10}\})$	1073741824
8	$\mathcal{O}(1; \{2^2, 4^8, 8^{10}\})$	4294967296

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^9, 4, 8^{12}\})$	536870912
8	$\mathcal{O}(1; \{2^6, 4^3, 8^{12}\})$	2147483648
8	$\mathcal{O}(1; \{2^3, 4^5, 8^{12}\})$	8589934592
8	$\mathcal{O}(1; \{4^7, 8^{12}\})$	34359738368
8	$\mathcal{O}(1; \{2^7, 8^{14}\})$	4294967296
8	$\mathcal{O}(1; \{2^4, 4^2, 8^{14}\})$	17179869184
8	$\mathcal{O}(1; \{2, 4^4, 8^{14}\})$	68719476736
8	$\mathcal{O}(1; \{2^2, 4, 8^{16}\})$	137438953472
8	$\mathcal{O}(1; \{8^{18}\})$	1099511627776
8	$\mathcal{O}(0; \{2^{32}, 8^2\})$	4
8	$\mathcal{O}(0; \{2^{29}, 4^2, 8^2\})$	16
8	$\mathcal{O}(0; \{2^{26}, 4^4, 8^2\})$	64
8	$\mathcal{O}(0; \{2^{23}, 4^6, 8^2\})$	256
8	$\mathcal{O}(0; \{2^{20}, 4^8, 8^2\})$	1024
8	$\mathcal{O}(0; \{2^{17}, 4^{10}, 8^2\})$	4096
8	$\mathcal{O}(0; \{2^{14}, 4^{12}, 8^2\})$	16384
8	$\mathcal{O}(0; \{2^{11}, 4^{14}, 8^2\})$	65536
8	$\mathcal{O}(0; \{2^8, 4^{16}, 8^2\})$	262144
8	$\mathcal{O}(0; \{2^5, 4^{18}, 8^2\})$	1048576
8	$\mathcal{O}(0; \{2^2, 4^{20}, 8^2\})$	4194304
8	$\mathcal{O}(0; \{2^{27}, 4, 8^4\})$	128
8	$\mathcal{O}(0; \{2^{24}, 4^3, 8^4\})$	512
8	$\mathcal{O}(0; \{2^{21}, 4^5, 8^4\})$	2048
8	$\mathcal{O}(0; \{2^{18}, 4^7, 8^4\})$	8192
8	$\mathcal{O}(0; \{2^{15}, 4^9, 8^4\})$	32768
8	$\mathcal{O}(0; \{2^{12}, 4^{11}, 8^4\})$	131072
8	$\mathcal{O}(0; \{2^9, 4^{13}, 8^4\})$	524288
8	$\mathcal{O}(0; \{2^6, 4^{15}, 8^4\})$	2097152
8	$\mathcal{O}(0; \{2^3, 4^{17}, 8^4\})$	8388608
8	$\mathcal{O}(0; \{4^{19}, 8^4\})$	33554432
8	$\mathcal{O}(0; \{2^{25}, 8^6\})$	1024
8	$\mathcal{O}(0; \{2^{22}, 4^2, 8^6\})$	4096
8	$\mathcal{O}(0; \{2^{19}, 4^4, 8^6\})$	16384
8	$\mathcal{O}(0; \{2^{16}, 4^6, 8^6\})$	65536
8	$\mathcal{O}(0; \{2^{13}, 4^8, 8^6\})$	262144
8	$\mathcal{O}(0; \{2^{10}, 4^{10}, 8^6\})$	1048576
8	$\mathcal{O}(0; \{2^7, 4^{12}, 8^6\})$	4194304
8	$\mathcal{O}(0; \{2^4, 4^{14}, 8^6\})$	16777216
8	$\mathcal{O}(0; \{2, 4^{16}, 8^6\})$	67108864
8	$\mathcal{O}(0; \{2^{20}, 4, 8^8\})$	32768
8	$\mathcal{O}(0; \{2^{17}, 4^3, 8^8\})$	131072
8	$\mathcal{O}(0; \{2^{14}, 4^5, 8^8\})$	524288
8	$\mathcal{O}(0; \{2^{11}, 4^7, 8^8\})$	2097152

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^8, 4^9, 8^8\})$	8388608
8	$\mathcal{O}(0; \{2^5, 4^{11}, 8^8\})$	33554432
8	$\mathcal{O}(0; \{2^2, 4^{13}, 8^8\})$	134217728
8	$\mathcal{O}(0; \{2^{18}, 8^{10}\})$	262144
8	$\mathcal{O}(0; \{2^{15}, 4^2, 8^{10}\})$	1048576
8	$\mathcal{O}(0; \{2^{12}, 4^4, 8^{10}\})$	4194304
8	$\mathcal{O}(0; \{2^9, 4^6, 8^{10}\})$	16777216
8	$\mathcal{O}(0; \{2^6, 4^8, 8^{10}\})$	67108864
8	$\mathcal{O}(0; \{2^3, 4^{10}, 8^{10}\})$	268435456
8	$\mathcal{O}(0; \{4^{12}, 8^{10}\})$	1073741824
8	$\mathcal{O}(0; \{2^{13}, 4, 8^{12}\})$	8388608
8	$\mathcal{O}(0; \{2^{10}, 4^3, 8^{12}\})$	33554432
8	$\mathcal{O}(0; \{2^7, 4^5, 8^{12}\})$	134217728
8	$\mathcal{O}(0; \{2^4, 4^7, 8^{12}\})$	536870912
8	$\mathcal{O}(0; \{2, 4^9, 8^{12}\})$	2147483648
8	$\mathcal{O}(0; \{2^{11}, 8^{14}\})$	67108864
8	$\mathcal{O}(0; \{2^8, 4^2, 8^{14}\})$	268435456
8	$\mathcal{O}(0; \{2^5, 4^4, 8^{14}\})$	1073741824
8	$\mathcal{O}(0; \{2^2, 4^6, 8^{14}\})$	4294967296
8	$\mathcal{O}(0; \{2^6, 4, 8^{16}\})$	2147483648
8	$\mathcal{O}(0; \{2^3, 4^3, 8^{16}\})$	8589934592
8	$\mathcal{O}(0; \{4^5, 8^{16}\})$	34359738368
8	$\mathcal{O}(0; \{2^4, 8^{18}\})$	17179869184
8	$\mathcal{O}(0; \{2, 4^2, 8^{18}\})$	68719476736
9	$\mathcal{O}(8; \emptyset)$	1853020145805120
9	$\mathcal{O}(7; \{3^3\})$	45753575343984
9	$\mathcal{O}(6; \{3^6\})$	6213438110880
9	$\mathcal{O}(6; \{3^2, 9^3\})$	20334926626632
9	$\mathcal{O}(5; \{3^9\})$	592743309840
9	$\mathcal{O}(5; \{3^5, 9^3\})$	2008387814976
9	$\mathcal{O}(5; \{3, 9^6\})$	37280698815492
9	$\mathcal{O}(4; \{3^{12}\})$	58792858560
9	$\mathcal{O}(4; \{3^8, 9^3\})$	198359290368
9	$\mathcal{O}(4; \{3^4, 9^6\})$	3682044327456
9	$\mathcal{O}(4; \{9^9\})$	48013021201770
9	$\mathcal{O}(3; \{3^{15}\})$	5796436464
9	$\mathcal{O}(3; \{3^{11}, 9^3\})$	19591041024
9	$\mathcal{O}(3; \{3^7, 9^6\})$	363658699008
9	$\mathcal{O}(3; \{3^3, 9^9\})$	4742026785360
9	$\mathcal{O}(2; \{3^{18}\})$	566235360
9	$\mathcal{O}(2; \{3^{14}, 9^3\})$	1934917632
9	$\mathcal{O}(2; \{3^{10}, 9^6\})$	35916908544
9	$\mathcal{O}(2; \{3^6, 9^9\})$	468348324480

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(2; \{3^2, 9^{12}\})$	6350596655688
9	$\mathcal{O}(1; \{3^{21}\})$	50331600
9	$\mathcal{O}(1; \{3^{17}, 9^3\})$	191102976
9	$\mathcal{O}(1; \{3^{13}, 9^6\})$	3547348992
9	$\mathcal{O}(1; \{3^9, 9^9\})$	46256624640
9	$\mathcal{O}(1; \{3^5, 9^{12}\})$	627219422784
9	$\mathcal{O}(1; \{3, 9^{15}\})$	8462813161716
9	$\mathcal{O}(0; \{3^{20}, 9^3\})$	18874368
9	$\mathcal{O}(0; \{3^{16}, 9^6\})$	350355456
9	$\mathcal{O}(0; \{3^{12}, 9^9\})$	4568555520
9	$\mathcal{O}(0; \{3^8, 9^{12}\})$	61947597312
9	$\mathcal{O}(0; \{3^4, 9^{15}\})$	835833398688
9	$\mathcal{O}(0; \{9^{18}\})$	11284525723266
10	$\mathcal{O}(6; \{2^2, 5^2\})$	4000000000000
10	$\mathcal{O}(6; \{5, 10^2\})$	12000000000000
10	$\mathcal{O}(5; \{2^6, 5^2\})$	40000000000
10	$\mathcal{O}(5; \{2, 5^4, 10\})$	2040000000000
10	$\mathcal{O}(5; \{2^4, 5, 10^2\})$	120000000000
10	$\mathcal{O}(5; \{2^2, 10^4\})$	520000000000
10	$\mathcal{O}(4; \{2^{10}, 5^2\})$	400000000
10	$\mathcal{O}(4; \{2^2, 5^7\})$	327600000000
10	$\mathcal{O}(4; \{2^5, 5^4, 10\})$	20400000000
10	$\mathcal{O}(4; \{2^8, 5, 10^2\})$	1200000000
10	$\mathcal{O}(4; \{5^6, 10^2\})$	1310800000000
10	$\mathcal{O}(4; \{2^3, 5^3, 10^3\})$	82000000000
10	$\mathcal{O}(4; \{2^6, 10^4\})$	5200000000
10	$\mathcal{O}(4; \{2, 5^2, 10^5\})$	327600000000
10	$\mathcal{O}(3; \{2^{14}, 5^2\})$	4000000
10	$\mathcal{O}(3; \{2^6, 5^7\})$	3276000000
10	$\mathcal{O}(3; \{2^9, 5^4, 10\})$	204000000
10	$\mathcal{O}(3; \{2, 5^9, 10\})$	209716000000
10	$\mathcal{O}(3; \{2^{12}, 5, 10^2\})$	12000000
10	$\mathcal{O}(3; \{2^4, 5^6, 10^2\})$	13108000000
10	$\mathcal{O}(3; \{2^7, 5^3, 10^3\})$	820000000
10	$\mathcal{O}(3; \{2^{10}, 10^4\})$	52000000
10	$\mathcal{O}(3; \{2^2, 5^5, 10^4\})$	52428000000
10	$\mathcal{O}(3; \{2^5, 5^2, 10^5\})$	3276000000
10	$\mathcal{O}(3; \{5^4, 10^6\})$	209716000000
10	$\mathcal{O}(3; \{2^3, 5, 10^7\})$	13108000000
10	$\mathcal{O}(3; \{2, 10^9\})$	52428000000
10	$\mathcal{O}(2; \{2^{18}, 5^2\})$	40000
10	$\mathcal{O}(2; \{2^{10}, 5^7\})$	32760000
10	$\mathcal{O}(2; \{2^2, 5^{12}\})$	33554440000

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{2^{13}, 5^4, 10\})$	2040000
10	$\mathcal{O}(2; \{2^5, 5^9, 10\})$	2097160000
10	$\mathcal{O}(2; \{2^{16}, 5, 10^2\})$	120000
10	$\mathcal{O}(2; \{2^8, 5^6, 10^2\})$	131080000
10	$\mathcal{O}(2; \{5^{11}, 10^2\})$	134217720000
10	$\mathcal{O}(2; \{2^{11}, 5^3, 10^3\})$	8200000
10	$\mathcal{O}(2; \{2^3, 5^8, 10^3\})$	8388600000
10	$\mathcal{O}(2; \{2^{14}, 10^4\})$	520000
10	$\mathcal{O}(2; \{2^6, 5^5, 10^4\})$	524280000
10	$\mathcal{O}(2; \{2^9, 5^2, 10^5\})$	32760000
10	$\mathcal{O}(2; \{2, 5^7, 10^5\})$	33554440000
10	$\mathcal{O}(2; \{2^4, 5^4, 10^6\})$	2097160000
10	$\mathcal{O}(2; \{2^7, 5, 10^7\})$	131080000
10	$\mathcal{O}(2; \{2^2, 5^3, 10^8\})$	8388600000
10	$\mathcal{O}(2; \{2^5, 10^9\})$	524280000
10	$\mathcal{O}(2; \{5^2, 10^{10}\})$	33554440000
10	$\mathcal{O}(1; \{2^{22}, 5^2\})$	400
10	$\mathcal{O}(1; \{2^{14}, 5^7\})$	327600
10	$\mathcal{O}(1; \{2^6, 5^{12}\})$	335544400
10	$\mathcal{O}(1; \{2^{17}, 5^4, 10\})$	20400
10	$\mathcal{O}(1; \{2^9, 5^9, 10\})$	20971600
10	$\mathcal{O}(1; \{2, 5^{14}, 10\})$	21474836400
10	$\mathcal{O}(1; \{2^{20}, 5, 10^2\})$	1200
10	$\mathcal{O}(1; \{2^{12}, 5^6, 10^2\})$	1310800
10	$\mathcal{O}(1; \{2^4, 5^{11}, 10^2\})$	1342177200
10	$\mathcal{O}(1; \{2^{15}, 5^3, 10^3\})$	82000
10	$\mathcal{O}(1; \{2^7, 5^8, 10^3\})$	83886000
10	$\mathcal{O}(1; \{2^{18}, 10^4\})$	5200
10	$\mathcal{O}(1; \{2^{10}, 5^5, 10^4\})$	5242800
10	$\mathcal{O}(1; \{2^2, 5^{10}, 10^4\})$	5368709200
10	$\mathcal{O}(1; \{2^{13}, 5^2, 10^5\})$	327600
10	$\mathcal{O}(1; \{2^5, 5^7, 10^5\})$	335544400
10	$\mathcal{O}(1; \{2^8, 5^4, 10^6\})$	20971600
10	$\mathcal{O}(1; \{5^9, 10^6\})$	21474836400
10	$\mathcal{O}(1; \{2^{11}, 5, 10^7\})$	1310800
10	$\mathcal{O}(1; \{2^3, 5^6, 10^7\})$	1342177200
10	$\mathcal{O}(1; \{2^6, 5^3, 10^8\})$	83886000
10	$\mathcal{O}(1; \{2^9, 10^9\})$	5242800
10	$\mathcal{O}(1; \{2, 5^5, 10^9\})$	5368709200
10	$\mathcal{O}(1; \{2^4, 5^2, 10^{10}\})$	335544400
10	$\mathcal{O}(1; \{2^2, 5, 10^{12}\})$	1342177200
10	$\mathcal{O}(1; \{10^{14}\})$	5368709200
10	$\mathcal{O}(0; \{2^{26}, 5^2\})$	4

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{2^{18}, 5^7\})$	3276
10	$\mathcal{O}(0; \{2^{10}, 5^{12}\})$	3355444
10	$\mathcal{O}(0; \{2^2, 5^{17}\})$	3435973836
10	$\mathcal{O}(0; \{2^{21}, 5^4, 10\})$	204
10	$\mathcal{O}(0; \{2^{13}, 5^9, 10\})$	209716
10	$\mathcal{O}(0; \{2^5, 5^{14}, 10\})$	214748364
10	$\mathcal{O}(0; \{2^{24}, 5, 10^2\})$	12
10	$\mathcal{O}(0; \{2^{16}, 5^6, 10^2\})$	13108
10	$\mathcal{O}(0; \{2^8, 5^{11}, 10^2\})$	13421772
10	$\mathcal{O}(0; \{5^{16}, 10^2\})$	13743895348
10	$\mathcal{O}(0; \{2^{19}, 5^3, 10^3\})$	820
10	$\mathcal{O}(0; \{2^{11}, 5^8, 10^3\})$	838860
10	$\mathcal{O}(0; \{2^3, 5^{13}, 10^3\})$	858993460
10	$\mathcal{O}(0; \{2^{22}, 10^4\})$	52
10	$\mathcal{O}(0; \{2^{14}, 5^5, 10^4\})$	52428
10	$\mathcal{O}(0; \{2^6, 5^{10}, 10^4\})$	53687092
10	$\mathcal{O}(0; \{2^{17}, 5^2, 10^5\})$	3276
10	$\mathcal{O}(0; \{2^9, 5^7, 10^5\})$	3355444
10	$\mathcal{O}(0; \{2, 5^{12}, 10^5\})$	3435973836
10	$\mathcal{O}(0; \{2^{12}, 5^4, 10^6\})$	209716
10	$\mathcal{O}(0; \{2^4, 5^9, 10^6\})$	214748364
10	$\mathcal{O}(0; \{2^{15}, 5, 10^7\})$	13108
10	$\mathcal{O}(0; \{2^7, 5^6, 10^7\})$	13421772
10	$\mathcal{O}(0; \{2^{10}, 5^3, 10^8\})$	838860
10	$\mathcal{O}(0; \{2^2, 5^8, 10^8\})$	858993460
10	$\mathcal{O}(0; \{2^{13}, 10^9\})$	52428
10	$\mathcal{O}(0; \{2^5, 5^5, 10^9\})$	53687092
10	$\mathcal{O}(0; \{2^8, 5^2, 10^{10}\})$	3355444
10	$\mathcal{O}(0; \{5^7, 10^{10}\})$	3435973836
10	$\mathcal{O}(0; \{2^3, 5^4, 10^{11}\})$	214748364
10	$\mathcal{O}(0; \{2^6, 5, 10^{12}\})$	13421772
10	$\mathcal{O}(0; \{2, 5^3, 10^{13}\})$	858993460
10	$\mathcal{O}(0; \{2^4, 10^{14}\})$	53687092
11	$\mathcal{O}(4; \{11^6\})$	19487365871710
12	$\mathcal{O}(5; \{2^2, 4^2\})$	123832631296
12	$\mathcal{O}(5; \{4, 6, 12\})$	247669456896
12	$\mathcal{O}(5; \{3, 12^2\})$	247669456896
12	$\mathcal{O}(4; \{2^6, 4^2\})$	859832320
12	$\mathcal{O}(4; \{2^2, 3^3, 4^2\})$	1719926784
12	$\mathcal{O}(4; \{2^3, 4^4\})$	3439329280
12	$\mathcal{O}(4; \{4^6\})$	13757317120
12	$\mathcal{O}(4; \{2^3, 3, 4^2, 6\})$	1719926784
12	$\mathcal{O}(4; \{3, 4^4, 6\})$	6879707136

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{3^2, 4^2, 6^2\})$	5159780352
12	$\mathcal{O}(4; \{2, 4^2, 6^3\})$	1719926784
12	$\mathcal{O}(4; \{2^3, 3^2, 4, 12\})$	1719926784
12	$\mathcal{O}(4; \{3^2, 4^3, 12\})$	6879707136
12	$\mathcal{O}(4; \{2^4, 4, 6, 12\})$	1719926784
12	$\mathcal{O}(4; \{3^3, 4, 6, 12\})$	8599633920
12	$\mathcal{O}(4; \{2, 4^3, 6, 12\})$	6879707136
12	$\mathcal{O}(4; \{2, 3, 4, 6^2, 12\})$	5159780352
12	$\mathcal{O}(4; \{2^4, 3, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{3^4, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2, 3, 4^2, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{2, 3^2, 6, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{2^2, 6^2, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{2^2, 4, 12^3\})$	6879707136
12	$\mathcal{O}(4; \{6, 12^4\})$	34398535680
12	$\mathcal{O}(3; \{2^{10}, 4^2\})$	5963776
12	$\mathcal{O}(3; \{2^6, 3^3, 4^2\})$	11943936
12	$\mathcal{O}(3; \{2^2, 3^6, 4^2\})$	131383296
12	$\mathcal{O}(3; \{2^7, 4^4\})$	23855104
12	$\mathcal{O}(3; \{2^3, 3^3, 4^4\})$	47775744
12	$\mathcal{O}(3; \{2^4, 4^6\})$	95420416
12	$\mathcal{O}(3; \{3^3, 4^6\})$	191102976
12	$\mathcal{O}(3; \{2, 4^8\})$	381681664
12	$\mathcal{O}(3; \{2^7, 3, 4^2, 6\})$	11943936
12	$\mathcal{O}(3; \{2^3, 3^4, 4^2, 6\})$	59719680
12	$\mathcal{O}(3; \{2^4, 3, 4^4, 6\})$	47775744
12	$\mathcal{O}(3; \{3^4, 4^4, 6\})$	238878720
12	$\mathcal{O}(3; \{2, 3, 4^6, 6\})$	191102976
12	$\mathcal{O}(3; \{2^4, 3^2, 4^2, 6^2\})$	35831808
12	$\mathcal{O}(3; \{3^5, 4^2, 6^2\})$	250822656
12	$\mathcal{O}(3; \{2, 3^2, 4^4, 6^2\})$	143327232
12	$\mathcal{O}(3; \{2^5, 4^2, 6^3\})$	11943936
12	$\mathcal{O}(3; \{2, 3^3, 4^2, 6^3\})$	131383296
12	$\mathcal{O}(3; \{2^2, 4^4, 6^3\})$	47775744
12	$\mathcal{O}(3; \{2^2, 3, 4^2, 6^4\})$	59719680
12	$\mathcal{O}(3; \{4^2, 6^6\})$	131383296
12	$\mathcal{O}(3; \{2^7, 3^2, 4, 12\})$	11943936
12	$\mathcal{O}(3; \{2^3, 3^5, 4, 12\})$	131383296
12	$\mathcal{O}(3; \{2^4, 3^2, 4^3, 12\})$	47775744
12	$\mathcal{O}(3; \{3^5, 4^3, 12\})$	525533184
12	$\mathcal{O}(3; \{2, 3^2, 4^5, 12\})$	191102976
12	$\mathcal{O}(3; \{2^8, 4, 6, 12\})$	11943936
12	$\mathcal{O}(3; \{2^4, 3^3, 4, 6, 12\})$	59719680

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{2^2, 12^6\})$	2102132736
12	$\mathcal{O}(2; \{2^{14}, 4^2\})$	40960
12	$\mathcal{O}(2; \{2^{10}, 3^3, 4^2\})$	82944
12	$\mathcal{O}(2; \{2^6, 3^6, 4^2\})$	912384
12	$\mathcal{O}(2; \{2^2, 3^9, 4^2\})$	7050240
12	$\mathcal{O}(2; \{2^{11}, 4^4\})$	163840
12	$\mathcal{O}(2; \{2^7, 3^3, 4^4\})$	331776
12	$\mathcal{O}(2; \{2^3, 3^6, 4^4\})$	3649536
12	$\mathcal{O}(2; \{2^8, 4^6\})$	655360
12	$\mathcal{O}(2; \{2^4, 3^3, 4^6\})$	1327104
12	$\mathcal{O}(2; \{3^6, 4^6\})$	14598144
12	$\mathcal{O}(2; \{2^5, 4^8\})$	2621440
12	$\mathcal{O}(2; \{2, 3^3, 4^8\})$	5308416
12	$\mathcal{O}(2; \{2^2, 4^{10}\})$	10485760
12	$\mathcal{O}(2; \{2^{11}, 3, 4^2, 6\})$	82944
12	$\mathcal{O}(2; \{2^7, 3^4, 4^2, 6\})$	414720
12	$\mathcal{O}(2; \{2^3, 3^7, 4^2, 6\})$	3566592
12	$\mathcal{O}(2; \{2^8, 3, 4^4, 6\})$	331776
12	$\mathcal{O}(2; \{2^4, 3^4, 4^4, 6\})$	1658880
12	$\mathcal{O}(2; \{3^7, 4^4, 6\})$	14266368
12	$\mathcal{O}(2; \{2^5, 3, 4^6, 6\})$	1327104
12	$\mathcal{O}(2; \{2, 3^4, 4^6, 6\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3, 4^8, 6\})$	5308416
12	$\mathcal{O}(2; \{2^8, 3^2, 4^2, 6^2\})$	248832
12	$\mathcal{O}(2; \{2^4, 3^5, 4^2, 6^2\})$	1741824
12	$\mathcal{O}(2; \{3^8, 4^2, 6^2\})$	14183424
12	$\mathcal{O}(2; \{2^5, 3^2, 4^4, 6^2\})$	995328
12	$\mathcal{O}(2; \{2, 3^5, 4^4, 6^2\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^2, 4^6, 6^2\})$	3981312
12	$\mathcal{O}(2; \{2^9, 4^2, 6^3\})$	82944
12	$\mathcal{O}(2; \{2^5, 3^3, 4^2, 6^3\})$	912384
12	$\mathcal{O}(2; \{2, 3^6, 4^2, 6^3\})$	7050240
12	$\mathcal{O}(2; \{2^6, 4^4, 6^3\})$	331776
12	$\mathcal{O}(2; \{2^2, 3^3, 4^4, 6^3\})$	3649536
12	$\mathcal{O}(2; \{2^3, 4^6, 6^3\})$	1327104
12	$\mathcal{O}(2; \{4^8, 6^3\})$	5308416
12	$\mathcal{O}(2; \{2^6, 3, 4^2, 6^4\})$	414720
12	$\mathcal{O}(2; \{2^2, 3^4, 4^2, 6^4\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3, 4^4, 6^4\})$	1658880
12	$\mathcal{O}(2; \{3, 4^6, 6^4\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3^2, 4^2, 6^5\})$	1741824
12	$\mathcal{O}(2; \{3^2, 4^4, 6^5\})$	6967296
12	$\mathcal{O}(2; \{2^4, 4^2, 6^6\})$	912384

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^6, 12^6\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3^3, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2^3, 4^2, 12^6\})$	58392576
12	$\mathcal{O}(2; \{4^4, 12^6\})$	233570304
12	$\mathcal{O}(2; \{2^3, 3, 6, 12^6\})$	57065472
12	$\mathcal{O}(2; \{3, 4^2, 6, 12^6\})$	228261888
12	$\mathcal{O}(2; \{3^2, 6^2, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2, 6^3, 12^6\})$	112803840
12	$\mathcal{O}(2; \{3^2, 4, 12^7\})$	451215360
12	$\mathcal{O}(2; \{2, 4, 6, 12^7\})$	228261888
12	$\mathcal{O}(2; \{2, 3, 12^8\})$	451215360
12	$\mathcal{O}(1; \{2^{18}, 4^2\})$	256
12	$\mathcal{O}(1; \{2^{14}, 3^3, 4^2\})$	576
12	$\mathcal{O}(1; \{2^{10}, 3^6, 4^2\})$	6336
12	$\mathcal{O}(1; \{2^6, 3^9, 4^2\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^{12}, 4^2\})$	393408
12	$\mathcal{O}(1; \{2^{15}, 4^4\})$	1024
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^4\})$	2304
12	$\mathcal{O}(1; \{2^7, 3^6, 4^4\})$	25344
12	$\mathcal{O}(1; \{2^3, 3^9, 4^4\})$	195840
12	$\mathcal{O}(1; \{2^{12}, 4^6\})$	4096
12	$\mathcal{O}(1; \{2^8, 3^3, 4^6\})$	9216
12	$\mathcal{O}(1; \{2^4, 3^6, 4^6\})$	101376
12	$\mathcal{O}(1; \{3^9, 4^6\})$	783360
12	$\mathcal{O}(1; \{2^9, 4^8\})$	16384
12	$\mathcal{O}(1; \{2^5, 3^3, 4^8\})$	36864
12	$\mathcal{O}(1; \{2, 3^6, 4^8\})$	405504
12	$\mathcal{O}(1; \{2^6, 4^{10}\})$	65536
12	$\mathcal{O}(1; \{2^2, 3^3, 4^{10}\})$	147456
12	$\mathcal{O}(1; \{2^3, 4^{12}\})$	262144
12	$\mathcal{O}(1; \{4^{14}\})$	1048576
12	$\mathcal{O}(1; \{2^{15}, 3, 4^2, 6\})$	576
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^2, 6\})$	2880
12	$\mathcal{O}(1; \{2^7, 3^7, 4^2, 6\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^2, 6\})$	196416
12	$\mathcal{O}(1; \{2^{12}, 3, 4^4, 6\})$	2304
12	$\mathcal{O}(1; \{2^8, 3^4, 4^4, 6\})$	11520
12	$\mathcal{O}(1; \{2^4, 3^7, 4^4, 6\})$	99072
12	$\mathcal{O}(1; \{3^{10}, 4^4, 6\})$	785664
12	$\mathcal{O}(1; \{2^9, 3, 4^6, 6\})$	9216
12	$\mathcal{O}(1; \{2^5, 3^4, 4^6, 6\})$	46080
12	$\mathcal{O}(1; \{2, 3^7, 4^6, 6\})$	396288
12	$\mathcal{O}(1; \{2^6, 3, 4^8, 6\})$	36864

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3^4, 4^8, 6\})$	184320
12	$\mathcal{O}(1; \{2^3, 3, 4^{10}, 6\})$	147456
12	$\mathcal{O}(1; \{3, 4^{12}, 6\})$	589824
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^2, 6^2\})$	1728
12	$\mathcal{O}(1; \{2^8, 3^5, 4^2, 6^2\})$	12096
12	$\mathcal{O}(1; \{2^4, 3^8, 4^2, 6^2\})$	98496
12	$\mathcal{O}(1; \{3^{11}, 4^2, 6^2\})$	786240
12	$\mathcal{O}(1; \{2^9, 3^2, 4^4, 6^2\})$	6912
12	$\mathcal{O}(1; \{2^5, 3^5, 4^4, 6^2\})$	48384
12	$\mathcal{O}(1; \{2, 3^8, 4^4, 6^2\})$	393984
12	$\mathcal{O}(1; \{2^6, 3^2, 4^6, 6^2\})$	27648
12	$\mathcal{O}(1; \{2^2, 3^5, 4^6, 6^2\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^2, 4^8, 6^2\})$	110592
12	$\mathcal{O}(1; \{3^2, 4^{10}, 6^2\})$	442368
12	$\mathcal{O}(1; \{2^{13}, 4^2, 6^3\})$	576
12	$\mathcal{O}(1; \{2^9, 3^3, 4^2, 6^3\})$	6336
12	$\mathcal{O}(1; \{2^5, 3^6, 4^2, 6^3\})$	48960
12	$\mathcal{O}(1; \{2, 3^9, 4^2, 6^3\})$	393408
12	$\mathcal{O}(1; \{2^{10}, 4^4, 6^3\})$	2304
12	$\mathcal{O}(1; \{2^6, 3^3, 4^4, 6^3\})$	25344
12	$\mathcal{O}(1; \{2^2, 3^6, 4^4, 6^3\})$	195840
12	$\mathcal{O}(1; \{2^7, 4^6, 6^3\})$	9216
12	$\mathcal{O}(1; \{2^3, 3^3, 4^6, 6^3\})$	101376
12	$\mathcal{O}(1; \{2^4, 4^8, 6^3\})$	36864
12	$\mathcal{O}(1; \{3^3, 4^8, 6^3\})$	405504
12	$\mathcal{O}(1; \{2, 4^{10}, 6^3\})$	147456
12	$\mathcal{O}(1; \{2^{10}, 3, 4^2, 6^4\})$	2880
12	$\mathcal{O}(1; \{2^6, 3^4, 4^2, 6^4\})$	24768
12	$\mathcal{O}(1; \{2^2, 3^7, 4^2, 6^4\})$	196416
12	$\mathcal{O}(1; \{2^7, 3, 4^4, 6^4\})$	11520
12	$\mathcal{O}(1; \{2^3, 3^4, 4^4, 6^4\})$	99072
12	$\mathcal{O}(1; \{2^4, 3, 4^6, 6^4\})$	46080
12	$\mathcal{O}(1; \{3^4, 4^6, 6^4\})$	396288
12	$\mathcal{O}(1; \{2, 3, 4^8, 6^4\})$	184320
12	$\mathcal{O}(1; \{2^7, 3^2, 4^2, 6^5\})$	12096
12	$\mathcal{O}(1; \{2^3, 3^5, 4^2, 6^5\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^2, 4^4, 6^5\})$	48384
12	$\mathcal{O}(1; \{3^5, 4^4, 6^5\})$	393984
12	$\mathcal{O}(1; \{2, 3^2, 4^6, 6^5\})$	193536
12	$\mathcal{O}(1; \{2^8, 4^2, 6^6\})$	6336
12	$\mathcal{O}(1; \{2^4, 3^3, 4^2, 6^6\})$	48960
12	$\mathcal{O}(1; \{3^6, 4^2, 6^6\})$	393408
12	$\mathcal{O}(1; \{2^5, 4^4, 6^6\})$	25344

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^3, 4^4, 6^6\})$	195840
12	$\mathcal{O}(1; \{2^2, 4^6, 6^6\})$	101376
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 6^7\})$	24768
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 6^7\})$	196416
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 6^7\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^8\})$	98496
12	$\mathcal{O}(1; \{2^3, 4^2, 6^9\})$	48960
12	$\mathcal{O}(1; \{4^4, 6^9\})$	195840
12	$\mathcal{O}(1; \{3, 4^2, 6^{10}\})$	196416
12	$\mathcal{O}(1; \{2^{15}, 3^2, 4, 12\})$	576
12	$\mathcal{O}(1; \{2^{11}, 3^5, 4, 12\})$	6336
12	$\mathcal{O}(1; \{2^7, 3^8, 4, 12\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^{11}, 4, 12\})$	393408
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^3, 12\})$	2304
12	$\mathcal{O}(1; \{2^8, 3^5, 4^3, 12\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^8, 4^3, 12\})$	195840
12	$\mathcal{O}(1; \{3^{11}, 4^3, 12\})$	1573632
12	$\mathcal{O}(1; \{2^9, 3^2, 4^5, 12\})$	9216
12	$\mathcal{O}(1; \{2^5, 3^5, 4^5, 12\})$	101376
12	$\mathcal{O}(1; \{2, 3^8, 4^5, 12\})$	783360
12	$\mathcal{O}(1; \{2^6, 3^2, 4^7, 12\})$	36864
12	$\mathcal{O}(1; \{2^2, 3^5, 4^7, 12\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^2, 4^9, 12\})$	147456
12	$\mathcal{O}(1; \{3^2, 4^{11}, 12\})$	589824
12	$\mathcal{O}(1; \{2^{16}, 4, 6, 12\})$	576
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4, 6, 12\})$	2880
12	$\mathcal{O}(1; \{2^8, 3^6, 4, 6, 12\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^9, 4, 6, 12\})$	196416
12	$\mathcal{O}(1; \{3^{12}, 4, 6, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{13}, 4^3, 6, 12\})$	2304
12	$\mathcal{O}(1; \{2^9, 3^3, 4^3, 6, 12\})$	11520
12	$\mathcal{O}(1; \{2^5, 3^6, 4^3, 6, 12\})$	99072
12	$\mathcal{O}(1; \{2, 3^9, 4^3, 6, 12\})$	785664
12	$\mathcal{O}(1; \{2^{10}, 4^5, 6, 12\})$	9216
12	$\mathcal{O}(1; \{2^6, 3^3, 4^5, 6, 12\})$	46080
12	$\mathcal{O}(1; \{2^2, 3^6, 4^5, 6, 12\})$	396288
12	$\mathcal{O}(1; \{2^7, 4^7, 6, 12\})$	36864
12	$\mathcal{O}(1; \{2^3, 3^3, 4^7, 6, 12\})$	184320
12	$\mathcal{O}(1; \{2^4, 4^9, 6, 12\})$	147456
12	$\mathcal{O}(1; \{3^3, 4^9, 6, 12\})$	737280
12	$\mathcal{O}(1; \{2, 4^{11}, 6, 12\})$	589824
12	$\mathcal{O}(1; \{2^{13}, 3, 4, 6^2, 12\})$	1728
12	$\mathcal{O}(1; \{2^9, 3^4, 4, 6^2, 12\})$	12096

Continued on next page

Table 4 – continued from previous page

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 4, 6^{10}, 12\})$	196416
12	$\mathcal{O}(1; \{2^{16}, 3, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{12}, 3^4, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^7, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^{10}, 12^2\})$	393408
12	$\mathcal{O}(1; \{3^{13}, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{13}, 3, 4^2, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^9, 3^4, 4^2, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^7, 4^2, 12^2\})$	195840
12	$\mathcal{O}(1; \{2, 3^{10}, 4^2, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^{10}, 3, 4^4, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^6, 3^4, 4^4, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^7, 4^4, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^7, 3, 4^6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^3, 3^4, 4^6, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^4, 3, 4^8, 12^2\})$	147456
12	$\mathcal{O}(1; \{3^4, 4^8, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2, 3, 4^{10}, 12^2\})$	589824
12	$\mathcal{O}(1; \{2^{13}, 3^2, 6, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^9, 3^5, 6, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^8, 6, 12^2\})$	196416
12	$\mathcal{O}(1; \{2, 3^{11}, 6, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^2, 6, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^6, 3^5, 4^2, 6, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^8, 4^2, 6, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^7, 3^2, 4^4, 6, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^3, 3^5, 4^4, 6, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^2, 4^6, 6, 12^2\})$	184320
12	$\mathcal{O}(1; \{3^5, 4^6, 6, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2, 3^2, 4^8, 6, 12^2\})$	737280
12	$\mathcal{O}(1; \{2^{14}, 6^2, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{10}, 3^3, 6^2, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^6, 6^2, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^9, 6^2, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^{11}, 4^2, 6^2, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^7, 3^3, 4^2, 6^2, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^6, 4^2, 6^2, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^8, 4^4, 6^2, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^4, 3^3, 4^4, 6^2, 12^2\})$	193536
12	$\mathcal{O}(1; \{3^6, 4^4, 6^2, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^5, 4^6, 6^2, 12^2\})$	110592
12	$\mathcal{O}(1; \{2, 3^3, 4^6, 6^2, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^2, 4^8, 6^2, 12^2\})$	442368

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{11}, 3, 6^3, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^7, 3^4, 6^3, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^7, 6^3, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^8, 3, 4^2, 6^3, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^4, 4^2, 6^3, 12^2\})$	195840
12	$\mathcal{O}(1; \{3^7, 4^2, 6^3, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^5, 3, 4^4, 6^3, 12^2\})$	101376
12	$\mathcal{O}(1; \{2, 3^4, 4^4, 6^3, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^2, 3, 4^6, 6^3, 12^2\})$	405504
12	$\mathcal{O}(1; \{2^8, 3^2, 6^4, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^5, 6^4, 12^2\})$	196416
12	$\mathcal{O}(1; \{3^8, 6^4, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 6^4, 12^2\})$	99072
12	$\mathcal{O}(1; \{2, 3^5, 4^2, 6^4, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 6^4, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^9, 6^5, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^3, 6^5, 12^2\})$	98496
12	$\mathcal{O}(1; \{2, 3^6, 6^5, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^6, 4^2, 6^5, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6^5, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^3, 4^4, 6^5, 12^2\})$	193536
12	$\mathcal{O}(1; \{4^6, 6^5, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^6, 3, 6^6, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^4, 6^6, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^6, 12^2\})$	195840
12	$\mathcal{O}(1; \{3, 4^4, 6^6, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^2, 6^7, 12^2\})$	196416
12	$\mathcal{O}(1; \{3^2, 4^2, 6^7, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^4, 6^8, 12^2\})$	98496
12	$\mathcal{O}(1; \{3^3, 6^8, 12^2\})$	786240
12	$\mathcal{O}(1; \{2, 4^2, 6^8, 12^2\})$	393984
12	$\mathcal{O}(1; \{2, 3, 6^9, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^{14}, 4, 12^3\})$	2304
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^6, 4, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^9, 4, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^{11}, 4^3, 12^3\})$	9216
12	$\mathcal{O}(1; \{2^7, 3^3, 4^3, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^6, 4^3, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^8, 4^5, 12^3\})$	36864
12	$\mathcal{O}(1; \{2^4, 3^3, 4^5, 12^3\})$	405504
12	$\mathcal{O}(1; \{3^6, 4^5, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^5, 4^7, 12^3\})$	147456

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^3, 4^7, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2^2, 4^9, 12^3\})$	589824
12	$\mathcal{O}(1; \{2^{11}, 3, 4, 6, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^4, 4, 6, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^7, 4, 6, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^8, 3, 4^3, 6, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^4, 4^3, 6, 12^3\})$	396288
12	$\mathcal{O}(1; \{3^7, 4^3, 6, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^5, 3, 4^5, 6, 12^3\})$	184320
12	$\mathcal{O}(1; \{2, 3^4, 4^5, 6, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3, 4^7, 6, 12^3\})$	737280
12	$\mathcal{O}(1; \{2^8, 3^2, 4, 6^2, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^5, 4, 6^2, 12^3\})$	393984
12	$\mathcal{O}(1; \{3^8, 4, 6^2, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^5, 3^2, 4^3, 6^2, 12^3\})$	193536
12	$\mathcal{O}(1; \{2, 3^5, 4^3, 6^2, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^2, 4^5, 6^2, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^9, 4, 6^3, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^3, 4, 6^3, 12^3\})$	195840
12	$\mathcal{O}(1; \{2, 3^6, 4, 6^3, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^6, 4^3, 6^3, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^3, 4^3, 6^3, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^3, 4^5, 6^3, 12^3\})$	405504
12	$\mathcal{O}(1; \{4^7, 6^3, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2^6, 3, 4, 6^4, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^4, 4, 6^4, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^3, 3, 4^3, 6^4, 12^3\})$	396288
12	$\mathcal{O}(1; \{3, 4^5, 6^4, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 6^5, 12^3\})$	393984
12	$\mathcal{O}(1; \{3^2, 4^3, 6^5, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^4, 4, 6^6, 12^3\})$	195840
12	$\mathcal{O}(1; \{3^3, 4, 6^6, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2, 4^3, 6^6, 12^3\})$	783360
12	$\mathcal{O}(1; \{2, 3, 4, 6^7, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^{11}, 3^2, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^5, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^8, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^8, 3^2, 4^2, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^5, 4^2, 12^4\})$	783360
12	$\mathcal{O}(1; \{3^8, 4^2, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^5, 3^2, 4^4, 12^4\})$	405504
12	$\mathcal{O}(1; \{2, 3^5, 4^4, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^2, 4^6, 12^4\})$	1622016

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{12}, 6, 12^4\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^3, 6, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^6, 6, 12^4\})$	785664
12	$\mathcal{O}(1; \{3^9, 6, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^9, 4^2, 6, 12^4\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^3, 4^2, 6, 12^4\})$	396288
12	$\mathcal{O}(1; \{2, 3^6, 4^2, 6, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^6, 4^4, 6, 12^4\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^3, 4^4, 6, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^3, 4^6, 6, 12^4\})$	737280
12	$\mathcal{O}(1; \{4^8, 6, 12^4\})$	2949120
12	$\mathcal{O}(1; \{2^9, 3, 6^2, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^4, 6^2, 12^4\})$	393984
12	$\mathcal{O}(1; \{2, 3^7, 6^2, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 6^2, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 6^2, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 6^2, 12^4\})$	774144
12	$\mathcal{O}(1; \{3, 4^6, 6^2, 12^4\})$	3096576
12	$\mathcal{O}(1; \{2^6, 3^2, 6^3, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^5, 6^3, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6^3, 12^4\})$	783360
12	$\mathcal{O}(1; \{3^2, 4^4, 6^3, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^7, 6^4, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^3, 6^4, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^4, 4^2, 6^4, 12^4\})$	396288
12	$\mathcal{O}(1; \{3^3, 4^2, 6^4, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2, 4^4, 6^4, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3, 6^5, 12^4\})$	393984
12	$\mathcal{O}(1; \{3^4, 6^5, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^5, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2, 3^2, 6^6, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^2, 6^7, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^9, 3, 4, 12^5\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^4, 4, 12^5\})$	783360
12	$\mathcal{O}(1; \{2, 3^7, 4, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^6, 3, 4^3, 12^5\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^4, 4^3, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3, 4^5, 12^5\})$	1622016
12	$\mathcal{O}(1; \{3, 4^7, 12^5\})$	6488064
12	$\mathcal{O}(1; \{2^6, 3^2, 4, 6, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^5, 4, 6, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3^2, 4^3, 6, 12^5\})$	1585152
12	$\mathcal{O}(1; \{3^2, 4^5, 6, 12^5\})$	6340608

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 6^2, 12^8\})$	6303744
12	$\mathcal{O}(1; \{4^2, 6^2, 12^8\})$	25214976
12	$\mathcal{O}(1; \{3, 6^3, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2^3, 4, 12^9\})$	12533760
12	$\mathcal{O}(1; \{4^3, 12^9\})$	50135040
12	$\mathcal{O}(1; \{3, 4, 6, 12^9\})$	50282496
12	$\mathcal{O}(1; \{3^2, 12^{10}\})$	100712448
12	$\mathcal{O}(1; \{2, 6, 12^{10}\})$	50282496
12	$\mathcal{O}(0; \{2^{18}, 3^3, 4^2\})$	4
12	$\mathcal{O}(0; \{2^{14}, 3^6, 4^2\})$	44
12	$\mathcal{O}(0; \{2^{10}, 3^9, 4^2\})$	340
12	$\mathcal{O}(0; \{2^6, 3^{12}, 4^2\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^{15}, 4^2\})$	21844
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^4\})$	16
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^4\})$	176
12	$\mathcal{O}(0; \{2^7, 3^9, 4^4\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^4\})$	10928
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^6\})$	64
12	$\mathcal{O}(0; \{2^8, 3^6, 4^6\})$	704
12	$\mathcal{O}(0; \{2^4, 3^9, 4^6\})$	5440
12	$\mathcal{O}(0; \{3^{12}, 4^6\})$	43712
12	$\mathcal{O}(0; \{2^9, 3^3, 4^8\})$	256
12	$\mathcal{O}(0; \{2^5, 3^6, 4^8\})$	2816
12	$\mathcal{O}(0; \{2, 3^9, 4^8\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^3, 4^{10}\})$	1024
12	$\mathcal{O}(0; \{2^2, 3^6, 4^{10}\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{12}\})$	4096
12	$\mathcal{O}(0; \{3^3, 4^{14}\})$	16384
12	$\mathcal{O}(0; \{2^{19}, 3, 4^2, 6\})$	4
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^2, 6\})$	20
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^2, 6\})$	172
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^2, 6\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^2, 6\})$	10924
12	$\mathcal{O}(0; \{2^{16}, 3, 4^4, 6\})$	16
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^4, 6\})$	80
12	$\mathcal{O}(0; \{2^8, 3^7, 4^4, 6\})$	688
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^4, 6\})$	5456
12	$\mathcal{O}(0; \{3^{13}, 4^4, 6\})$	43696
12	$\mathcal{O}(0; \{2^{13}, 3, 4^6, 6\})$	64
12	$\mathcal{O}(0; \{2^9, 3^4, 4^6, 6\})$	320
12	$\mathcal{O}(0; \{2^5, 3^7, 4^6, 6\})$	2752
12	$\mathcal{O}(0; \{2, 3^{10}, 4^6, 6\})$	21824
12	$\mathcal{O}(0; \{2^{10}, 3, 4^8, 6\})$	256

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3^4, 4^8, 6\})$	1280
12	$\mathcal{O}(0; \{2^2, 3^7, 4^8, 6\})$	11008
12	$\mathcal{O}(0; \{2^7, 3, 4^{10}, 6\})$	1024
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{10}, 6\})$	5120
12	$\mathcal{O}(0; \{2^4, 3, 4^{12}, 6\})$	4096
12	$\mathcal{O}(0; \{3^4, 4^{12}, 6\})$	20480
12	$\mathcal{O}(0; \{2, 3, 4^{14}, 6\})$	16384
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^2, 6^2\})$	12
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^2, 6^2\})$	84
12	$\mathcal{O}(0; \{2^8, 3^8, 4^2, 6^2\})$	684
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^2, 6^2\})$	5460
12	$\mathcal{O}(0; \{3^{14}, 4^2, 6^2\})$	43692
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^4, 6^2\})$	48
12	$\mathcal{O}(0; \{2^9, 3^5, 4^4, 6^2\})$	336
12	$\mathcal{O}(0; \{2^5, 3^8, 4^4, 6^2\})$	2736
12	$\mathcal{O}(0; \{2, 3^{11}, 4^4, 6^2\})$	21840
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^6, 6^2\})$	192
12	$\mathcal{O}(0; \{2^6, 3^5, 4^6, 6^2\})$	1344
12	$\mathcal{O}(0; \{2^2, 3^8, 4^6, 6^2\})$	10944
12	$\mathcal{O}(0; \{2^7, 3^2, 4^8, 6^2\})$	768
12	$\mathcal{O}(0; \{2^3, 3^5, 4^8, 6^2\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{10}, 6^2\})$	3072
12	$\mathcal{O}(0; \{3^5, 4^{10}, 6^2\})$	21504
12	$\mathcal{O}(0; \{2, 3^2, 4^{12}, 6^2\})$	12288
12	$\mathcal{O}(0; \{2^{17}, 4^2, 6^3\})$	4
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^2, 6^3\})$	44
12	$\mathcal{O}(0; \{2^9, 3^6, 4^2, 6^3\})$	340
12	$\mathcal{O}(0; \{2^5, 3^9, 4^2, 6^3\})$	2732
12	$\mathcal{O}(0; \{2, 3^{12}, 4^2, 6^3\})$	21844
12	$\mathcal{O}(0; \{2^{14}, 4^4, 6^3\})$	16
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^4, 6^3\})$	176
12	$\mathcal{O}(0; \{2^6, 3^6, 4^4, 6^3\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^9, 4^4, 6^3\})$	10928
12	$\mathcal{O}(0; \{2^{11}, 4^6, 6^3\})$	64
12	$\mathcal{O}(0; \{2^7, 3^3, 4^6, 6^3\})$	704
12	$\mathcal{O}(0; \{2^3, 3^6, 4^6, 6^3\})$	5440
12	$\mathcal{O}(0; \{2^8, 4^8, 6^3\})$	256
12	$\mathcal{O}(0; \{2^4, 3^3, 4^8, 6^3\})$	2816
12	$\mathcal{O}(0; \{3^6, 4^8, 6^3\})$	21760
12	$\mathcal{O}(0; \{2^5, 4^{10}, 6^3\})$	1024
12	$\mathcal{O}(0; \{2, 3^3, 4^{10}, 6^3\})$	11264
12	$\mathcal{O}(0; \{2^2, 4^{12}, 6^3\})$	4096
12	$\mathcal{O}(0; \{2^{14}, 3, 4^2, 6^4\})$	20

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^2, 6^4\})$	172
12	$\mathcal{O}(0; \{2^6, 3^7, 4^2, 6^4\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^2, 6^4\})$	10924
12	$\mathcal{O}(0; \{2^{11}, 3, 4^4, 6^4\})$	80
12	$\mathcal{O}(0; \{2^7, 3^4, 4^4, 6^4\})$	688
12	$\mathcal{O}(0; \{2^3, 3^7, 4^4, 6^4\})$	5456
12	$\mathcal{O}(0; \{2^8, 3, 4^6, 6^4\})$	320
12	$\mathcal{O}(0; \{2^4, 3^4, 4^6, 6^4\})$	2752
12	$\mathcal{O}(0; \{3^7, 4^6, 6^4\})$	21824
12	$\mathcal{O}(0; \{2^5, 3, 4^8, 6^4\})$	1280
12	$\mathcal{O}(0; \{2, 3^4, 4^8, 6^4\})$	11008
12	$\mathcal{O}(0; \{2^2, 3, 4^{10}, 6^4\})$	5120
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^2, 6^5\})$	84
12	$\mathcal{O}(0; \{2^7, 3^5, 4^2, 6^5\})$	684
12	$\mathcal{O}(0; \{2^3, 3^8, 4^2, 6^5\})$	5460
12	$\mathcal{O}(0; \{2^8, 3^2, 4^4, 6^5\})$	336
12	$\mathcal{O}(0; \{2^4, 3^5, 4^4, 6^5\})$	2736
12	$\mathcal{O}(0; \{3^8, 4^4, 6^5\})$	21840
12	$\mathcal{O}(0; \{2^5, 3^2, 4^6, 6^5\})$	1344
12	$\mathcal{O}(0; \{2, 3^5, 4^6, 6^5\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^2, 4^8, 6^5\})$	5376
12	$\mathcal{O}(0; \{2^{12}, 4^2, 6^6\})$	44
12	$\mathcal{O}(0; \{2^8, 3^3, 4^2, 6^6\})$	340
12	$\mathcal{O}(0; \{2^4, 3^6, 4^2, 6^6\})$	2732
12	$\mathcal{O}(0; \{3^9, 4^2, 6^6\})$	21844
12	$\mathcal{O}(0; \{2^9, 4^4, 6^6\})$	176
12	$\mathcal{O}(0; \{2^5, 3^3, 4^4, 6^6\})$	1360
12	$\mathcal{O}(0; \{2, 3^6, 4^4, 6^6\})$	10928
12	$\mathcal{O}(0; \{2^6, 4^6, 6^6\})$	704
12	$\mathcal{O}(0; \{2^2, 3^3, 4^6, 6^6\})$	5440
12	$\mathcal{O}(0; \{2^3, 4^8, 6^6\})$	2816
12	$\mathcal{O}(0; \{4^{10}, 6^6\})$	11264
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 6^7\})$	172
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 6^7\})$	1364
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 6^7\})$	10924
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 6^7\})$	688
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 6^7\})$	5456
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 6^7\})$	2752
12	$\mathcal{O}(0; \{3, 4^8, 6^7\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6^8\})$	684
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6^8\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6^8\})$	2736
12	$\mathcal{O}(0; \{3^2, 4^6, 6^8\})$	10944

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^7, 4^2, 6^9\})$	340
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^9\})$	2732
12	$\mathcal{O}(0; \{2^4, 4^4, 6^9\})$	1360
12	$\mathcal{O}(0; \{3^3, 4^4, 6^9\})$	10928
12	$\mathcal{O}(0; \{2, 4^6, 6^9\})$	5440
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^{10}\})$	1364
12	$\mathcal{O}(0; \{3^4, 4^2, 6^{10}\})$	10924
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^{10}\})$	5456
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^{11}\})$	5460
12	$\mathcal{O}(0; \{2^2, 4^2, 6^{12}\})$	2732
12	$\mathcal{O}(0; \{2^{19}, 3^2, 4, 12\})$	4
12	$\mathcal{O}(0; \{2^{15}, 3^5, 4, 12\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^8, 4, 12\})$	340
12	$\mathcal{O}(0; \{2^7, 3^{11}, 4, 12\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^{14}, 4, 12\})$	21844
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^3, 12\})$	16
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^3, 12\})$	176
12	$\mathcal{O}(0; \{2^8, 3^8, 4^3, 12\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^3, 12\})$	10928
12	$\mathcal{O}(0; \{3^{14}, 4^3, 12\})$	87376
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^5, 12\})$	64
12	$\mathcal{O}(0; \{2^9, 3^5, 4^5, 12\})$	704
12	$\mathcal{O}(0; \{2^5, 3^8, 4^5, 12\})$	5440
12	$\mathcal{O}(0; \{2, 3^{11}, 4^5, 12\})$	43712
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^7, 12\})$	256
12	$\mathcal{O}(0; \{2^6, 3^5, 4^7, 12\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^8, 4^7, 12\})$	21760
12	$\mathcal{O}(0; \{2^7, 3^2, 4^9, 12\})$	1024
12	$\mathcal{O}(0; \{2^3, 3^5, 4^9, 12\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{11}, 12\})$	4096
12	$\mathcal{O}(0; \{3^5, 4^{11}, 12\})$	45056
12	$\mathcal{O}(0; \{2, 3^2, 4^{13}, 12\})$	16384
12	$\mathcal{O}(0; \{2^{20}, 4, 6, 12\})$	4
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4, 6, 12\})$	20
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4, 6, 12\})$	172
12	$\mathcal{O}(0; \{2^8, 3^9, 4, 6, 12\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4, 6, 12\})$	10924
12	$\mathcal{O}(0; \{3^{15}, 4, 6, 12\})$	87380
12	$\mathcal{O}(0; \{2^{17}, 4^3, 6, 12\})$	16
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^3, 6, 12\})$	80
12	$\mathcal{O}(0; \{2^9, 3^6, 4^3, 6, 12\})$	688
12	$\mathcal{O}(0; \{2^5, 3^9, 4^3, 6, 12\})$	5456
12	$\mathcal{O}(0; \{2, 3^{12}, 4^3, 6, 12\})$	43696

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{14}, 4^5, 6, 12\})$	64
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^5, 6, 12\})$	320
12	$\mathcal{O}(0; \{2^6, 3^6, 4^5, 6, 12\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^9, 4^5, 6, 12\})$	21824
12	$\mathcal{O}(0; \{2^{11}, 4^7, 6, 12\})$	256
12	$\mathcal{O}(0; \{2^7, 3^3, 4^7, 6, 12\})$	1280
12	$\mathcal{O}(0; \{2^3, 3^6, 4^7, 6, 12\})$	11008
12	$\mathcal{O}(0; \{2^8, 4^9, 6, 12\})$	1024
12	$\mathcal{O}(0; \{2^4, 3^3, 4^9, 6, 12\})$	5120
12	$\mathcal{O}(0; \{3^6, 4^9, 6, 12\})$	44032
12	$\mathcal{O}(0; \{2^5, 4^{11}, 6, 12\})$	4096
12	$\mathcal{O}(0; \{2, 3^3, 4^{11}, 6, 12\})$	20480
12	$\mathcal{O}(0; \{2^2, 4^{13}, 6, 12\})$	16384
12	$\mathcal{O}(0; \{2^{17}, 3, 4, 6^2, 12\})$	12
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4, 6^2, 12\})$	84
12	$\mathcal{O}(0; \{2^9, 3^7, 4, 6^2, 12\})$	684
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4, 6^2, 12\})$	5460
12	$\mathcal{O}(0; \{2, 3^{13}, 4, 6^2, 12\})$	43692
12	$\mathcal{O}(0; \{2^{14}, 3, 4^3, 6^2, 12\})$	48
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^3, 6^2, 12\})$	336
12	$\mathcal{O}(0; \{2^6, 3^7, 4^3, 6^2, 12\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^3, 6^2, 12\})$	21840
12	$\mathcal{O}(0; \{2^{11}, 3, 4^5, 6^2, 12\})$	192
12	$\mathcal{O}(0; \{2^7, 3^4, 4^5, 6^2, 12\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^7, 4^5, 6^2, 12\})$	10944
12	$\mathcal{O}(0; \{2^8, 3, 4^7, 6^2, 12\})$	768
12	$\mathcal{O}(0; \{2^4, 3^4, 4^7, 6^2, 12\})$	5376
12	$\mathcal{O}(0; \{3^7, 4^7, 6^2, 12\})$	43776
12	$\mathcal{O}(0; \{2^5, 3, 4^9, 6^2, 12\})$	3072
12	$\mathcal{O}(0; \{2, 3^4, 4^9, 6^2, 12\})$	21504
12	$\mathcal{O}(0; \{2^2, 3, 4^{11}, 6^2, 12\})$	12288
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4, 6^3, 12\})$	44
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4, 6^3, 12\})$	340
12	$\mathcal{O}(0; \{2^6, 3^8, 4, 6^3, 12\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4, 6^3, 12\})$	21844
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^3, 6^3, 12\})$	176
12	$\mathcal{O}(0; \{2^7, 3^5, 4^3, 6^3, 12\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^8, 4^3, 6^3, 12\})$	10928
12	$\mathcal{O}(0; \{2^8, 3^2, 4^5, 6^3, 12\})$	704
12	$\mathcal{O}(0; \{2^4, 3^5, 4^5, 6^3, 12\})$	5440
12	$\mathcal{O}(0; \{3^8, 4^5, 6^3, 12\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^2, 4^7, 6^3, 12\})$	2816
12	$\mathcal{O}(0; \{2, 3^5, 4^7, 6^3, 12\})$	21760

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^2, 4^9, 6^3, 12\})$	11264
12	$\mathcal{O}(0; \{2^{15}, 4, 6^4, 12\})$	20
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4, 6^4, 12\})$	172
12	$\mathcal{O}(0; \{2^7, 3^6, 4, 6^4, 12\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^9, 4, 6^4, 12\})$	10924
12	$\mathcal{O}(0; \{2^{12}, 4^3, 6^4, 12\})$	80
12	$\mathcal{O}(0; \{2^8, 3^3, 4^3, 6^4, 12\})$	688
12	$\mathcal{O}(0; \{2^4, 3^6, 4^3, 6^4, 12\})$	5456
12	$\mathcal{O}(0; \{3^9, 4^3, 6^4, 12\})$	43696
12	$\mathcal{O}(0; \{2^9, 4^5, 6^4, 12\})$	320
12	$\mathcal{O}(0; \{2^5, 3^3, 4^5, 6^4, 12\})$	2752
12	$\mathcal{O}(0; \{2, 3^6, 4^5, 6^4, 12\})$	21824
12	$\mathcal{O}(0; \{2^6, 4^7, 6^4, 12\})$	1280
12	$\mathcal{O}(0; \{2^2, 3^3, 4^7, 6^4, 12\})$	11008
12	$\mathcal{O}(0; \{2^3, 4^9, 6^4, 12\})$	5120
12	$\mathcal{O}(0; \{4^{11}, 6^4, 12\})$	20480
12	$\mathcal{O}(0; \{2^{12}, 3, 4, 6^5, 12\})$	84
12	$\mathcal{O}(0; \{2^8, 3^4, 4, 6^5, 12\})$	684
12	$\mathcal{O}(0; \{2^4, 3^7, 4, 6^5, 12\})$	5460
12	$\mathcal{O}(0; \{3^{10}, 4, 6^5, 12\})$	43692
12	$\mathcal{O}(0; \{2^9, 3, 4^3, 6^5, 12\})$	336
12	$\mathcal{O}(0; \{2^5, 3^4, 4^3, 6^5, 12\})$	2736
12	$\mathcal{O}(0; \{2, 3^7, 4^3, 6^5, 12\})$	21840
12	$\mathcal{O}(0; \{2^6, 3, 4^5, 6^5, 12\})$	1344
12	$\mathcal{O}(0; \{2^2, 3^4, 4^5, 6^5, 12\})$	10944
12	$\mathcal{O}(0; \{2^3, 3, 4^7, 6^5, 12\})$	5376
12	$\mathcal{O}(0; \{3, 4^9, 6^5, 12\})$	21504
12	$\mathcal{O}(0; \{2^9, 3^2, 4, 6^6, 12\})$	340
12	$\mathcal{O}(0; \{2^5, 3^5, 4, 6^6, 12\})$	2732
12	$\mathcal{O}(0; \{2, 3^8, 4, 6^6, 12\})$	21844
12	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 6^6, 12\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 6^6, 12\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 6^6, 12\})$	5440
12	$\mathcal{O}(0; \{3^2, 4^7, 6^6, 12\})$	21760
12	$\mathcal{O}(0; \{2^{10}, 4, 6^7, 12\})$	172
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 6^7, 12\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 6^7, 12\})$	10924
12	$\mathcal{O}(0; \{2^7, 4^3, 6^7, 12\})$	688
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6^7, 12\})$	5456
12	$\mathcal{O}(0; \{2^4, 4^5, 6^7, 12\})$	2752
12	$\mathcal{O}(0; \{3^3, 4^5, 6^7, 12\})$	21824
12	$\mathcal{O}(0; \{2, 4^7, 6^7, 12\})$	11008
12	$\mathcal{O}(0; \{2^7, 3, 4, 6^8, 12\})$	684

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^8, 12\})$	5460
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^8, 12\})$	2736
12	$\mathcal{O}(0; \{3^4, 4^3, 6^8, 12\})$	21840
12	$\mathcal{O}(0; \{2, 3, 4^5, 6^8, 12\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^9, 12\})$	2732
12	$\mathcal{O}(0; \{3^5, 4, 6^9, 12\})$	21844
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^9, 12\})$	10928
12	$\mathcal{O}(0; \{2^5, 4, 6^{10}, 12\})$	1364
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^{10}, 12\})$	10924
12	$\mathcal{O}(0; \{2^2, 4^3, 6^{10}, 12\})$	5456
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^{11}, 12\})$	5460
12	$\mathcal{O}(0; \{4, 6^{13}, 12\})$	10924
12	$\mathcal{O}(0; \{2^{20}, 3, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{16}, 3^4, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^7, 12^2\})$	340
12	$\mathcal{O}(0; \{2^8, 3^{10}, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^{13}, 12^2\})$	21844
12	$\mathcal{O}(0; \{3^{16}, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{17}, 3, 4^2, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^2, 12^2\})$	176
12	$\mathcal{O}(0; \{2^9, 3^7, 4^2, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^2, 12^2\})$	10928
12	$\mathcal{O}(0; \{2, 3^{13}, 4^2, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^{14}, 3, 4^4, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^4, 12^2\})$	704
12	$\mathcal{O}(0; \{2^6, 3^7, 4^4, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^4, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^{11}, 3, 4^6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^7, 3^4, 4^6, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^7, 4^6, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^8, 3, 4^8, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^4, 3^4, 4^8, 12^2\})$	11264
12	$\mathcal{O}(0; \{3^7, 4^8, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^5, 3, 4^{10}, 12^2\})$	4096
12	$\mathcal{O}(0; \{2, 3^4, 4^{10}, 12^2\})$	45056
12	$\mathcal{O}(0; \{2^2, 3, 4^{12}, 12^2\})$	16384
12	$\mathcal{O}(0; \{2^{17}, 3^2, 6, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{13}, 3^5, 6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^9, 3^8, 6, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^{11}, 6, 12^2\})$	10924
12	$\mathcal{O}(0; \{2, 3^{14}, 6, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^2, 6, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^2, 6, 12^2\})$	688

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3^8, 4^2, 6, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^2, 6, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^4, 6, 12^2\})$	320
12	$\mathcal{O}(0; \{2^7, 3^5, 4^4, 6, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^8, 4^4, 6, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^8, 3^2, 4^6, 6, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^5, 4^6, 6, 12^2\})$	11008
12	$\mathcal{O}(0; \{3^8, 4^6, 6, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^2, 4^8, 6, 12^2\})$	5120
12	$\mathcal{O}(0; \{2, 3^5, 4^8, 6, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{10}, 6, 12^2\})$	20480
12	$\mathcal{O}(0; \{2^{18}, 6^2, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{14}, 3^3, 6^2, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^6, 6^2, 12^2\})$	684
12	$\mathcal{O}(0; \{2^6, 3^9, 6^2, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{12}, 6^2, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{15}, 4^2, 6^2, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^2, 6^2, 12^2\})$	336
12	$\mathcal{O}(0; \{2^7, 3^6, 4^2, 6^2, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^9, 4^2, 6^2, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^{12}, 4^4, 6^2, 12^2\})$	192
12	$\mathcal{O}(0; \{2^8, 3^3, 4^4, 6^2, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^6, 4^4, 6^2, 12^2\})$	10944
12	$\mathcal{O}(0; \{3^9, 4^4, 6^2, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^9, 4^6, 6^2, 12^2\})$	768
12	$\mathcal{O}(0; \{2^5, 3^3, 4^6, 6^2, 12^2\})$	5376
12	$\mathcal{O}(0; \{2, 3^6, 4^6, 6^2, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^6, 4^8, 6^2, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^2, 3^3, 4^8, 6^2, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^3, 4^{10}, 6^2, 12^2\})$	12288
12	$\mathcal{O}(0; \{4^{12}, 6^2, 12^2\})$	49152
12	$\mathcal{O}(0; \{2^{15}, 3, 6^3, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^4, 6^3, 12^2\})$	340
12	$\mathcal{O}(0; \{2^7, 3^7, 6^3, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^{10}, 6^3, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^{12}, 3, 4^2, 6^3, 12^2\})$	176
12	$\mathcal{O}(0; \{2^8, 3^4, 4^2, 6^3, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^7, 4^2, 6^3, 12^2\})$	10928
12	$\mathcal{O}(0; \{3^{10}, 4^2, 6^3, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^9, 3, 4^4, 6^3, 12^2\})$	704
12	$\mathcal{O}(0; \{2^5, 3^4, 4^4, 6^3, 12^2\})$	5440
12	$\mathcal{O}(0; \{2, 3^7, 4^4, 6^3, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^6, 3, 4^6, 6^3, 12^2\})$	2816

Continued on next page

Table 4 – continued from previous page

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^8, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^2, 4^4, 6^8, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^5, 3, 6^9, 12^2\})$	2732
12	$\mathcal{O}(0; \{2, 3^4, 6^9, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^9, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^2, 6^{10}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 6^{11}, 12^2\})$	5460
12	$\mathcal{O}(0; \{4^2, 6^{11}, 12^2\})$	21840
12	$\mathcal{O}(0; \{3, 6^{12}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^{18}, 4, 12^3\})$	16
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^9, 4, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^{15}, 4^3, 12^3\})$	64
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^3, 12^3\})$	704
12	$\mathcal{O}(0; \{2^7, 3^6, 4^3, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^9, 4^3, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^{12}, 4^5, 12^3\})$	256
12	$\mathcal{O}(0; \{2^8, 3^3, 4^5, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^6, 4^5, 12^3\})$	21760
12	$\mathcal{O}(0; \{3^9, 4^5, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^9, 4^7, 12^3\})$	1024
12	$\mathcal{O}(0; \{2^5, 3^3, 4^7, 12^3\})$	11264
12	$\mathcal{O}(0; \{2, 3^6, 4^7, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^6, 4^9, 12^3\})$	4096
12	$\mathcal{O}(0; \{2^2, 3^3, 4^9, 12^3\})$	45056
12	$\mathcal{O}(0; \{2^3, 4^{11}, 12^3\})$	16384
12	$\mathcal{O}(0; \{4^{13}, 12^3\})$	65536
12	$\mathcal{O}(0; \{2^{15}, 3, 4, 6, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4, 6, 12^3\})$	688
12	$\mathcal{O}(0; \{2^7, 3^7, 4, 6, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4, 6, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^{12}, 3, 4^3, 6, 12^3\})$	320
12	$\mathcal{O}(0; \{2^8, 3^4, 4^3, 6, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^7, 4^3, 6, 12^3\})$	21824
12	$\mathcal{O}(0; \{3^{10}, 4^3, 6, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^9, 3, 4^5, 6, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^4, 4^5, 6, 12^3\})$	11008
12	$\mathcal{O}(0; \{2, 3^7, 4^5, 6, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^6, 3, 4^7, 6, 12^3\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^4, 4^7, 6, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^3, 3, 4^9, 6, 12^3\})$	20480

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3, 4^{11}, 6, 12^3\})$	81920
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4, 6^2, 12^3\})$	336
12	$\mathcal{O}(0; \{2^8, 3^5, 4, 6^2, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^8, 4, 6^2, 12^3\})$	21840
12	$\mathcal{O}(0; \{3^{11}, 4, 6^2, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^9, 3^2, 4^3, 6^2, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^5, 4^3, 6^2, 12^3\})$	10944
12	$\mathcal{O}(0; \{2, 3^8, 4^3, 6^2, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^6, 3^2, 4^5, 6^2, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^5, 4^5, 6^2, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^2, 4^7, 6^2, 12^3\})$	21504
12	$\mathcal{O}(0; \{3^2, 4^9, 6^2, 12^3\})$	86016
12	$\mathcal{O}(0; \{2^{13}, 4, 6^3, 12^3\})$	176
12	$\mathcal{O}(0; \{2^9, 3^3, 4, 6^3, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^6, 4, 6^3, 12^3\})$	10928
12	$\mathcal{O}(0; \{2, 3^9, 4, 6^3, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^{10}, 4^3, 6^3, 12^3\})$	704
12	$\mathcal{O}(0; \{2^6, 3^3, 4^3, 6^3, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^6, 4^3, 6^3, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^7, 4^5, 6^3, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^3, 4^5, 6^3, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^4, 4^7, 6^3, 12^3\})$	11264
12	$\mathcal{O}(0; \{3^3, 4^7, 6^3, 12^3\})$	87040
12	$\mathcal{O}(0; \{2, 4^9, 6^3, 12^3\})$	45056
12	$\mathcal{O}(0; \{2^{10}, 3, 4, 6^4, 12^3\})$	688
12	$\mathcal{O}(0; \{2^6, 3^4, 4, 6^4, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^7, 4, 6^4, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^7, 3, 4^3, 6^4, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 6^4, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^4, 3, 4^5, 6^4, 12^3\})$	11008
12	$\mathcal{O}(0; \{3^4, 4^5, 6^4, 12^3\})$	87296
12	$\mathcal{O}(0; \{2, 3, 4^7, 6^4, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 6^5, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 6^5, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6^5, 12^3\})$	10944
12	$\mathcal{O}(0; \{3^5, 4^3, 6^5, 12^3\})$	87360
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 6^5, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^8, 4, 6^6, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^6, 12^3\})$	10928
12	$\mathcal{O}(0; \{3^6, 4, 6^6, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^5, 4^3, 6^6, 12^3\})$	5440
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^6, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^2, 4^5, 6^6, 12^3\})$	21760

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^7, 12^3\})$	5456
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^7, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^7, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^8, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^3, 4, 6^9, 12^3\})$	10928
12	$\mathcal{O}(0; \{4^3, 6^9, 12^3\})$	43712
12	$\mathcal{O}(0; \{3, 4, 6^{10}, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^{15}, 3^2, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^5, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^8, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{11}, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^2, 12^4\})$	704
12	$\mathcal{O}(0; \{2^8, 3^5, 4^2, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^8, 4^2, 12^4\})$	43712
12	$\mathcal{O}(0; \{3^{11}, 4^2, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^9, 3^2, 4^4, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^5, 4^4, 12^4\})$	21760
12	$\mathcal{O}(0; \{2, 3^8, 4^4, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^6, 3^2, 4^6, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^5, 4^6, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^2, 4^8, 12^4\})$	45056
12	$\mathcal{O}(0; \{3^2, 4^{10}, 12^4\})$	180224
12	$\mathcal{O}(0; \{2^{16}, 6, 12^4\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^3, 6, 12^4\})$	688
12	$\mathcal{O}(0; \{2^8, 3^6, 6, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^9, 6, 12^4\})$	43696
12	$\mathcal{O}(0; \{3^{12}, 6, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{13}, 4^2, 6, 12^4\})$	320
12	$\mathcal{O}(0; \{2^9, 3^3, 4^2, 6, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^6, 4^2, 6, 12^4\})$	21824
12	$\mathcal{O}(0; \{2, 3^9, 4^2, 6, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^{10}, 4^4, 6, 12^4\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^3, 4^4, 6, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^6, 4^4, 6, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^7, 4^6, 6, 12^4\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^3, 4^6, 6, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^4, 4^8, 6, 12^4\})$	20480
12	$\mathcal{O}(0; \{3^3, 4^8, 6, 12^4\})$	176128
12	$\mathcal{O}(0; \{2, 4^{10}, 6, 12^4\})$	81920
12	$\mathcal{O}(0; \{2^{13}, 3, 6^2, 12^4\})$	336
12	$\mathcal{O}(0; \{2^9, 3^4, 6^2, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^7, 6^2, 12^4\})$	21840
12	$\mathcal{O}(0; \{2, 3^{10}, 6^2, 12^4\})$	174768

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{10}, 3, 4^2, 6^2, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^4, 4^2, 6^2, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^7, 4^2, 6^2, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^7, 3, 4^4, 6^2, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^4, 4^4, 6^2, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^4, 3, 4^6, 6^2, 12^4\})$	21504
12	$\mathcal{O}(0; \{3^4, 4^6, 6^2, 12^4\})$	175104
12	$\mathcal{O}(0; \{2, 3, 4^8, 6^2, 12^4\})$	86016
12	$\mathcal{O}(0; \{2^{10}, 3^2, 6^3, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^5, 6^3, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^8, 6^3, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 6^3, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 6^3, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 6^3, 12^4\})$	21760
12	$\mathcal{O}(0; \{3^5, 4^4, 6^3, 12^4\})$	174848
12	$\mathcal{O}(0; \{2, 3^2, 4^6, 6^3, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^{11}, 6^4, 12^4\})$	688
12	$\mathcal{O}(0; \{2^7, 3^3, 6^4, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^6, 6^4, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^8, 4^2, 6^4, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6^4, 12^4\})$	21824
12	$\mathcal{O}(0; \{3^6, 4^2, 6^4, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^5, 4^4, 6^4, 12^4\})$	11008
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 6^4, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^2, 4^6, 6^4, 12^4\})$	44032
12	$\mathcal{O}(0; \{2^8, 3, 6^5, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^4, 6^5, 12^4\})$	21840
12	$\mathcal{O}(0; \{3^7, 6^5, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^5, 12^4\})$	10944
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^5, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^5, 12^4\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^2, 6^6, 12^4\})$	10928
12	$\mathcal{O}(0; \{2, 3^5, 6^6, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^6, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^6, 6^7, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^3, 6^7, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^3, 4^2, 6^7, 12^4\})$	21824
12	$\mathcal{O}(0; \{4^4, 6^7, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^3, 3, 6^8, 12^4\})$	21840
12	$\mathcal{O}(0; \{3, 4^2, 6^8, 12^4\})$	87360
12	$\mathcal{O}(0; \{3^2, 6^9, 12^4\})$	87376
12	$\mathcal{O}(0; \{2, 6^{10}, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^{13}, 3, 4, 12^5\})$	704

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^9, 3^4, 4, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^7, 4, 12^5\})$	43712
12	$\mathcal{O}(0; \{2, 3^{10}, 4, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^{10}, 3, 4^3, 12^5\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^4, 4^3, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^7, 4^3, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^7, 3, 4^5, 12^5\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^4, 4^5, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^4, 3, 4^7, 12^5\})$	45056
12	$\mathcal{O}(0; \{3^4, 4^7, 12^5\})$	348160
12	$\mathcal{O}(0; \{2, 3, 4^9, 12^5\})$	180224
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4, 6, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^5, 4, 6, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^8, 4, 6, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^7, 3^2, 4^3, 6, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^5, 4^3, 6, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^2, 4^5, 6, 12^5\})$	44032
12	$\mathcal{O}(0; \{3^5, 4^5, 6, 12^5\})$	349184
12	$\mathcal{O}(0; \{2, 3^2, 4^7, 6, 12^5\})$	176128
12	$\mathcal{O}(0; \{2^{11}, 4, 6^2, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 6^2, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 6^2, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^8, 4^3, 6^2, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 6^2, 12^5\})$	43776
12	$\mathcal{O}(0; \{3^6, 4^3, 6^2, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^5, 4^5, 6^2, 12^5\})$	21504
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 6^2, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^2, 4^7, 6^2, 12^5\})$	86016
12	$\mathcal{O}(0; \{2^8, 3, 4, 6^3, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6^3, 12^5\})$	43712
12	$\mathcal{O}(0; \{3^7, 4, 6^3, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 6^3, 12^5\})$	21760
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6^3, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6^3, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^4, 12^5\})$	21824
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^4, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^4, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^6, 4, 6^5, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^5, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^3, 4^3, 6^5, 12^5\})$	43776
12	$\mathcal{O}(0; \{4^5, 6^5, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^6, 12^5\})$	43712
12	$\mathcal{O}(0; \{3, 4^3, 6^6, 12^5\})$	174848

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^2, 4, 6^7, 12^5\})$	174784
12	$\mathcal{O}(0; \{2, 4, 6^8, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^{14}, 12^6\})$	704
12	$\mathcal{O}(0; \{2^{10}, 3^3, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^9, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^{11}, 4^2, 12^6\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^8, 4^4, 12^6\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 12^6\})$	87040
12	$\mathcal{O}(0; \{3^6, 4^4, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^5, 4^6, 12^6\})$	45056
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 12^6\})$	348160
12	$\mathcal{O}(0; \{2^2, 4^8, 12^6\})$	180224
12	$\mathcal{O}(0; \{2^{11}, 3, 6, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^4, 6, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^7, 6, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6, 12^6\})$	87296
12	$\mathcal{O}(0; \{3^7, 4^2, 6, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6, 12^6\})$	44032
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 6, 12^6\})$	176128
12	$\mathcal{O}(0; \{2^8, 3^2, 6^2, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^5, 6^2, 12^6\})$	87360
12	$\mathcal{O}(0; \{3^8, 6^2, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^2, 12^6\})$	43776
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^2, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^2, 12^6\})$	175104
12	$\mathcal{O}(0; \{2^9, 6^3, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^3, 6^3, 12^6\})$	43712
12	$\mathcal{O}(0; \{2, 3^6, 6^3, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^6, 4^2, 6^3, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^3, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^3, 4^4, 6^3, 12^6\})$	87040
12	$\mathcal{O}(0; \{4^6, 6^3, 12^6\})$	348160
12	$\mathcal{O}(0; \{2^6, 3, 6^4, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^4, 6^4, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^4, 12^6\})$	87296
12	$\mathcal{O}(0; \{3, 4^4, 6^4, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^3, 3^2, 6^5, 12^6\})$	87360
12	$\mathcal{O}(0; \{3^2, 4^2, 6^5, 12^6\})$	349440

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 6^6, 12^6\})$	43712
12	$\mathcal{O}(0; \{3^3, 6^6, 12^6\})$	349504
12	$\mathcal{O}(0; \{2, 4^2, 6^6, 12^6\})$	174848
12	$\mathcal{O}(0; \{2, 3, 6^7, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 12^7\})$	174848
12	$\mathcal{O}(0; \{3^8, 4, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 12^7\})$	87040
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 12^7\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 12^7\})$	348160
12	$\mathcal{O}(0; \{2^9, 4, 6, 12^7\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6, 12^7\})$	87296
12	$\mathcal{O}(0; \{2, 3^6, 4, 6, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^6, 4^3, 6, 12^7\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6, 12^7\})$	349184
12	$\mathcal{O}(0; \{2^3, 4^5, 6, 12^7\})$	176128
12	$\mathcal{O}(0; \{4^7, 6, 12^7\})$	704512
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^2, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^2, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^2, 12^7\})$	175104
12	$\mathcal{O}(0; \{3, 4^5, 6^2, 12^7\})$	700416
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^3, 12^7\})$	174848
12	$\mathcal{O}(0; \{3^2, 4^3, 6^3, 12^7\})$	699392
12	$\mathcal{O}(0; \{2^4, 4, 6^4, 12^7\})$	87296
12	$\mathcal{O}(0; \{3^3, 4, 6^4, 12^7\})$	699136
12	$\mathcal{O}(0; \{2, 4^3, 6^4, 12^7\})$	349184
12	$\mathcal{O}(0; \{2, 3, 4, 6^5, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^9, 3, 12^8\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^4, 12^8\})$	174848
12	$\mathcal{O}(0; \{2, 3^7, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 12^8\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 12^8\})$	699392
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 12^8\})$	348160
12	$\mathcal{O}(0; \{3, 4^6, 12^8\})$	1392640
12	$\mathcal{O}(0; \{2^6, 3^2, 6, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^5, 6, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6, 12^8\})$	349184
12	$\mathcal{O}(0; \{3^2, 4^4, 6, 12^8\})$	1396736
12	$\mathcal{O}(0; \{2^7, 6^2, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^4, 4^2, 6^2, 12^8\})$	175104
12	$\mathcal{O}(0; \{3^3, 4^2, 6^2, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2, 4^4, 6^2, 12^8\})$	700416

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3, 6^3, 12^8\})$	174848
12	$\mathcal{O}(0; \{3^4, 6^3, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^3, 12^8\})$	699392
12	$\mathcal{O}(0; \{2, 3^2, 6^4, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^2, 6^5, 12^8\})$	349440
12	$\mathcal{O}(0; \{2^7, 4, 12^9\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 12^9\})$	699392
12	$\mathcal{O}(0; \{2^4, 4^3, 12^9\})$	348160
12	$\mathcal{O}(0; \{3^3, 4^3, 12^9\})$	2797568
12	$\mathcal{O}(0; \{2, 4^5, 12^9\})$	1392640
12	$\mathcal{O}(0; \{2^4, 3, 4, 6, 12^9\})$	349184
12	$\mathcal{O}(0; \{3^4, 4, 6, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2, 3, 4^3, 6, 12^9\})$	1396736
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^2, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^2, 4, 6^3, 12^9\})$	699392
12	$\mathcal{O}(0; \{2^4, 3^2, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{3^5, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{2^5, 6, 12^{10}\})$	349184
12	$\mathcal{O}(0; \{2, 3^3, 6, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2^2, 4^2, 6, 12^{10}\})$	1396736
12	$\mathcal{O}(0; \{2^2, 3, 6^2, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{6^4, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2^2, 3, 4, 12^{11}\})$	2797568
12	$\mathcal{O}(0; \{4, 6^2, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{2^3, 12^{12}\})$	2797568
12	$\mathcal{O}(0; \{4^2, 12^{12}\})$	11190272
12	$\mathcal{O}(0; \{3, 6, 12^{12}\})$	11186176
13	$\mathcal{O}(4; \{13^4\})$	1301906230716
14	$\mathcal{O}(5; \{2^2\})$	289254653952
14	$\mathcal{O}(4; \{2^6\})$	1475788800
14	$\mathcal{O}(3; \{2^{10}\})$	7529472
14	$\mathcal{O}(3; \{2^3, 7^3, 14\})$	1400493696
14	$\mathcal{O}(3; \{2, 7^2, 14^3\})$	8357784960
14	$\mathcal{O}(2; \{2^{14}\})$	38400
14	$\mathcal{O}(2; \{2^2, 7^7\})$	1536255840
14	$\mathcal{O}(2; \{2^7, 7^3, 14\})$	7145376
14	$\mathcal{O}(2; \{7^6, 14^2\})$	9217765536
14	$\mathcal{O}(2; \{2^5, 7^2, 14^3\})$	42641760
14	$\mathcal{O}(2; \{2^3, 7, 14^5\})$	256081056
14	$\mathcal{O}(2; \{2, 14^7\})$	1536255840
14	$\mathcal{O}(1; \{2^{18}\})$	192
14	$\mathcal{O}(1; \{2^6, 7^7\})$	7838040

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(1; \{2^{11}, 7^3, 14\})$	36456
14	$\mathcal{O}(1; \{2^4, 7^6, 14^2\})$	47029416
14	$\mathcal{O}(1; \{2^9, 7^2, 14^3\})$	217560
14	$\mathcal{O}(1; \{2^2, 7^5, 14^4\})$	282175320
14	$\mathcal{O}(1; \{2^7, 7, 14^5\})$	1306536
14	$\mathcal{O}(1; \{7^4, 14^6\})$	1693053096
14	$\mathcal{O}(1; \{2^5, 14^7\})$	7838040
14	$\mathcal{O}(0; \{2^{10}, 7^7\})$	39990
14	$\mathcal{O}(0; \{2^{15}, 7^3, 14\})$	186
14	$\mathcal{O}(0; \{2^3, 7^{10}, 14\})$	51828150
14	$\mathcal{O}(0; \{2^8, 7^6, 14^2\})$	239946
14	$\mathcal{O}(0; \{2^{13}, 7^2, 14^3\})$	1110
14	$\mathcal{O}(0; \{2, 7^9, 14^3\})$	310968906
14	$\mathcal{O}(0; \{2^6, 7^5, 14^4\})$	1439670
14	$\mathcal{O}(0; \{2^{11}, 7, 14^5\})$	6666
14	$\mathcal{O}(0; \{2^4, 7^4, 14^6\})$	8638026
14	$\mathcal{O}(0; \{2^9, 14^7\})$	39990
14	$\mathcal{O}(0; \{2^2, 7^3, 14^8\})$	51828150
14	$\mathcal{O}(0; \{7^2, 14^{10}\})$	310968906
15	$\mathcal{O}(4; \{5^3\})$	30750000000
15	$\mathcal{O}(4; \{3, 5, 15\})$	20503125000
15	$\mathcal{O}(3; \{3^3, 5^3\})$	273375000
15	$\mathcal{O}(3; \{3^4, 5, 15\})$	455625000
15	$\mathcal{O}(3; \{5^2, 15^3\})$	4647375000
15	$\mathcal{O}(3; \{3, 15^4\})$	5923125000
15	$\mathcal{O}(2; \{3^6, 5^3\})$	13365000
15	$\mathcal{O}(2; \{5^8\})$	655400000
15	$\mathcal{O}(2; \{3^7, 5, 15\})$	17415000
15	$\mathcal{O}(2; \{3, 5^6, 15\})$	331695000
15	$\mathcal{O}(2; \{3^2, 5^4, 15^2\})$	249075000
15	$\mathcal{O}(2; \{3^3, 5^2, 15^3\})$	227205000
15	$\mathcal{O}(2; \{3^4, 15^4\})$	226395000
15	$\mathcal{O}(2; \{5, 15^6\})$	3648645000
15	$\mathcal{O}(1; \{3^9, 5^3\})$	459000
15	$\mathcal{O}(1; \{3^3, 5^8\})$	5898600
15	$\mathcal{O}(1; \{3^{10}, 5, 15\})$	613800
15	$\mathcal{O}(1; \{3^4, 5^6, 15\})$	7371000
15	$\mathcal{O}(1; \{3^5, 5^4, 15^2\})$	7749000
15	$\mathcal{O}(1; \{3^6, 5^2, 15^3\})$	7803000
15	$\mathcal{O}(1; \{5^7, 15^3\})$	94372200
15	$\mathcal{O}(1; \{3^7, 15^4\})$	7979400
15	$\mathcal{O}(1; \{3, 5^5, 15^4\})$	117963000
15	$\mathcal{O}(1; \{3^2, 5^3, 15^5\})$	123870600

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(1; \{3^3, 5, 15^6\})$	125307000
15	$\mathcal{O}(1; \{15^9\})$	2005371000
15	$\mathcal{O}(0; \{3^{12}, 5^3\})$	16392
15	$\mathcal{O}(0; \{3^6, 5^8\})$	288376
15	$\mathcal{O}(0; \{3^{13}, 5, 15\})$	21848
15	$\mathcal{O}(0; \{3^7, 5^6, 15\})$	281736
15	$\mathcal{O}(0; \{3, 5^{11}, 15\})$	6710888
15	$\mathcal{O}(0; \{3^8, 5^4, 15^2\})$	280440
15	$\mathcal{O}(0; \{3^2, 5^9, 15^2\})$	5033160
15	$\mathcal{O}(0; \{3^9, 5^2, 15^3\})$	278664
15	$\mathcal{O}(0; \{3^3, 5^7, 15^3\})$	4613752
15	$\mathcal{O}(0; \{3^{10}, 15^4\})$	284024
15	$\mathcal{O}(0; \{3^4, 5^5, 15^4\})$	4508808
15	$\mathcal{O}(0; \{3^5, 5^3, 15^5\})$	4482936
15	$\mathcal{O}(0; \{3^6, 5, 15^6\})$	4475016
15	$\mathcal{O}(0; \{5^6, 15^6\})$	73819768
15	$\mathcal{O}(0; \{3, 5^4, 15^7\})$	72141960
15	$\mathcal{O}(0; \{3^2, 5^2, 15^8\})$	71722872
15	$\mathcal{O}(0; \{3^3, 15^9\})$	71616648
16	$\mathcal{O}(4; \{16^2\})$	34359738368
16	$\mathcal{O}(3; \{2^4, 16^2\})$	134217728
16	$\mathcal{O}(3; \{2, 4^2, 16^2\})$	536870912
16	$\mathcal{O}(2; \{2^8, 16^2\})$	524288
16	$\mathcal{O}(2; \{2^5, 4^2, 16^2\})$	2097152
16	$\mathcal{O}(2; \{2^2, 4^4, 16^2\})$	8388608
16	$\mathcal{O}(2; \{2^3, 4, 8^2, 16^2\})$	16777216
16	$\mathcal{O}(2; \{4^3, 8^2, 16^2\})$	67108864
16	$\mathcal{O}(2; \{2, 8^4, 16^2\})$	134217728
16	$\mathcal{O}(2; \{2, 4, 8, 16^4\})$	268435456
16	$\mathcal{O}(1; \{2^{12}, 16^2\})$	2048
16	$\mathcal{O}(1; \{2^9, 4^2, 16^2\})$	8192
16	$\mathcal{O}(1; \{2^6, 4^4, 16^2\})$	32768
16	$\mathcal{O}(1; \{2^3, 4^6, 16^2\})$	131072
16	$\mathcal{O}(1; \{4^8, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^7, 4, 8^2, 16^2\})$	65536
16	$\mathcal{O}(1; \{2^4, 4^3, 8^2, 16^2\})$	262144
16	$\mathcal{O}(1; \{2, 4^5, 8^2, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2^5, 8^4, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^2, 4^2, 8^4, 16^2\})$	2097152
16	$\mathcal{O}(1; \{4, 8^6, 16^2\})$	16777216
16	$\mathcal{O}(1; \{2^5, 4, 8, 16^4\})$	1048576
16	$\mathcal{O}(1; \{2^2, 4^3, 8, 16^4\})$	4194304
16	$\mathcal{O}(1; \{2^3, 8^3, 16^4\})$	8388608

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{4^2, 8^3, 16^4\})$	33554432
16	$\mathcal{O}(1; \{2^3, 4, 16^6\})$	16777216
16	$\mathcal{O}(1; \{4^3, 16^6\})$	67108864
16	$\mathcal{O}(1; \{2, 8^2, 16^6\})$	134217728
16	$\mathcal{O}(0; \{2^{16}, 16^2\})$	8
16	$\mathcal{O}(0; \{2^{13}, 4^2, 16^2\})$	32
16	$\mathcal{O}(0; \{2^{10}, 4^4, 16^2\})$	128
16	$\mathcal{O}(0; \{2^7, 4^6, 16^2\})$	512
16	$\mathcal{O}(0; \{2^4, 4^8, 16^2\})$	2048
16	$\mathcal{O}(0; \{2, 4^{10}, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^{11}, 4, 8^2, 16^2\})$	256
16	$\mathcal{O}(0; \{2^8, 4^3, 8^2, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^5, 4^5, 8^2, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^2, 4^7, 8^2, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^9, 8^4, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^6, 4^2, 8^4, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^3, 4^4, 8^4, 16^2\})$	32768
16	$\mathcal{O}(0; \{4^6, 8^4, 16^2\})$	131072
16	$\mathcal{O}(0; \{2^4, 4, 8^6, 16^2\})$	65536
16	$\mathcal{O}(0; \{2, 4^3, 8^6, 16^2\})$	262144
16	$\mathcal{O}(0; \{2^2, 8^8, 16^2\})$	524288
16	$\mathcal{O}(0; \{2^9, 4, 8, 16^4\})$	4096
16	$\mathcal{O}(0; \{2^6, 4^3, 8, 16^4\})$	16384
16	$\mathcal{O}(0; \{2^3, 4^5, 8, 16^4\})$	65536
16	$\mathcal{O}(0; \{4^7, 8, 16^4\})$	262144
16	$\mathcal{O}(0; \{2^7, 8^3, 16^4\})$	32768
16	$\mathcal{O}(0; \{2^4, 4^2, 8^3, 16^4\})$	131072
16	$\mathcal{O}(0; \{2, 4^4, 8^3, 16^4\})$	524288
16	$\mathcal{O}(0; \{2^2, 4, 8^5, 16^4\})$	1048576
16	$\mathcal{O}(0; \{8^7, 16^4\})$	8388608
16	$\mathcal{O}(0; \{2^7, 4, 16^6\})$	65536
16	$\mathcal{O}(0; \{2^4, 4^3, 16^6\})$	262144
16	$\mathcal{O}(0; \{2, 4^5, 16^6\})$	1048576
16	$\mathcal{O}(0; \{2^5, 8^2, 16^6\})$	524288
16	$\mathcal{O}(0; \{2^2, 4^2, 8^2, 16^6\})$	2097152
16	$\mathcal{O}(0; \{4, 8^4, 16^6\})$	16777216
16	$\mathcal{O}(0; \{2^3, 8, 16^8\})$	8388608
16	$\mathcal{O}(0; \{4^2, 8, 16^8\})$	33554432
16	$\mathcal{O}(0; \{2, 16^{10}\})$	134217728
17	$\mathcal{O}(0; \{17^{10}\})$	64677154576
18	$\mathcal{O}(4; \{2^2\})$	11018280960
18	$\mathcal{O}(3; \{2^6\})$	33965568
18	$\mathcal{O}(3; \{2^2, 3^3\})$	67931136

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(3; \{2^3, 3, 6\})$	67931136
18	$\mathcal{O}(3; \{3^2, 6^2\})$	203793408
18	$\mathcal{O}(3; \{2, 6^3\})$	67931136
18	$\mathcal{O}(3; \{2, 3, 9, 18\})$	408146688
18	$\mathcal{O}(2; \{2^{10}\})$	103680
18	$\mathcal{O}(2; \{2^6, 3^3\})$	207360
18	$\mathcal{O}(2; \{2^2, 3^6\})$	2280960
18	$\mathcal{O}(2; \{2^7, 3, 6\})$	207360
18	$\mathcal{O}(2; \{2^3, 3^4, 6\})$	1036800
18	$\mathcal{O}(2; \{2^4, 3^2, 6^2\})$	622080
18	$\mathcal{O}(2; \{3^5, 6^2\})$	4354560
18	$\mathcal{O}(2; \{2^5, 6^3\})$	207360
18	$\mathcal{O}(2; \{2, 3^3, 6^3\})$	2280960
18	$\mathcal{O}(2; \{2^2, 3, 6^4\})$	1036800
18	$\mathcal{O}(2; \{6^6\})$	2280960
18	$\mathcal{O}(2; \{2^2, 3^2, 9^3\})$	7558272
18	$\mathcal{O}(2; \{2^3, 6, 9^3\})$	3779136
18	$\mathcal{O}(2; \{3, 6^2, 9^3\})$	15116544
18	$\mathcal{O}(2; \{2^5, 3, 9, 18\})$	1259712
18	$\mathcal{O}(2; \{2, 3^4, 9, 18\})$	10077696
18	$\mathcal{O}(2; \{2^2, 3^2, 6, 9, 18\})$	5038848
18	$\mathcal{O}(2; \{2^3, 6^2, 9, 18\})$	2519424
18	$\mathcal{O}(2; \{3, 6^3, 9, 18\})$	10077696
18	$\mathcal{O}(2; \{2, 9^4, 18\})$	85030560
18	$\mathcal{O}(2; \{3^2, 9^2, 18^2\})$	68024448
18	$\mathcal{O}(2; \{2, 6, 9^2, 18^2\})$	34012224
18	$\mathcal{O}(2; \{2^3, 3, 18^3\})$	3779136
18	$\mathcal{O}(2; \{3^2, 6, 18^3\})$	15116544
18	$\mathcal{O}(2; \{2, 6^2, 18^3\})$	7558272
18	$\mathcal{O}(1; \{2^{14}\})$	288
18	$\mathcal{O}(1; \{2^{10}, 3^3\})$	576
18	$\mathcal{O}(1; \{2^6, 3^6\})$	6336
18	$\mathcal{O}(1; \{2^2, 3^9\})$	48960
18	$\mathcal{O}(1; \{2^{11}, 3, 6\})$	576
18	$\mathcal{O}(1; \{2^7, 3^4, 6\})$	2880
18	$\mathcal{O}(1; \{2^3, 3^7, 6\})$	24768
18	$\mathcal{O}(1; \{2^8, 3^2, 6^2\})$	1728
18	$\mathcal{O}(1; \{2^4, 3^5, 6^2\})$	12096
18	$\mathcal{O}(1; \{3^8, 6^2\})$	98496
18	$\mathcal{O}(1; \{2^9, 6^3\})$	576
18	$\mathcal{O}(1; \{2^5, 3^3, 6^3\})$	6336
18	$\mathcal{O}(1; \{2, 3^6, 6^3\})$	48960
18	$\mathcal{O}(1; \{2^6, 3, 6^4\})$	2880

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^2, 3^4, 6^4\})$	24768
18	$\mathcal{O}(1; \{2^3, 3^2, 6^5\})$	12096
18	$\mathcal{O}(1; \{2^4, 6^6\})$	6336
18	$\mathcal{O}(1; \{3^3, 6^6\})$	48960
18	$\mathcal{O}(1; \{2, 3, 6^7\})$	24768
18	$\mathcal{O}(1; \{2^6, 3^2, 9^3\})$	23328
18	$\mathcal{O}(1; \{2^2, 3^5, 9^3\})$	186624
18	$\mathcal{O}(1; \{2^7, 6, 9^3\})$	11664
18	$\mathcal{O}(1; \{2^3, 3^3, 6, 9^3\})$	93312
18	$\mathcal{O}(1; \{2^4, 3, 6^2, 9^3\})$	46656
18	$\mathcal{O}(1; \{3^4, 6^2, 9^3\})$	373248
18	$\mathcal{O}(1; \{2, 3^2, 6^3, 9^3\})$	186624
18	$\mathcal{O}(1; \{2^2, 6^4, 9^3\})$	93312
18	$\mathcal{O}(1; \{2^2, 3, 9^6\})$	3464208
18	$\mathcal{O}(1; \{6^2, 9^6\})$	6928416
18	$\mathcal{O}(1; \{2^9, 3, 9, 18\})$	3888
18	$\mathcal{O}(1; \{2^5, 3^4, 9, 18\})$	31104
18	$\mathcal{O}(1; \{2, 3^7, 9, 18\})$	248832
18	$\mathcal{O}(1; \{2^6, 3^2, 6, 9, 18\})$	15552
18	$\mathcal{O}(1; \{2^2, 3^5, 6, 9, 18\})$	124416
18	$\mathcal{O}(1; \{2^7, 6^2, 9, 18\})$	7776
18	$\mathcal{O}(1; \{2^3, 3^3, 6^2, 9, 18\})$	62208
18	$\mathcal{O}(1; \{2^4, 3, 6^3, 9, 18\})$	31104
18	$\mathcal{O}(1; \{3^4, 6^3, 9, 18\})$	248832
18	$\mathcal{O}(1; \{2, 3^2, 6^4, 9, 18\})$	124416
18	$\mathcal{O}(1; \{2^2, 6^5, 9, 18\})$	62208
18	$\mathcal{O}(1; \{2^5, 9^4, 18\})$	262440
18	$\mathcal{O}(1; \{2, 3^3, 9^4, 18\})$	2099520
18	$\mathcal{O}(1; \{2^2, 3, 6, 9^4, 18\})$	1049760
18	$\mathcal{O}(1; \{6^3, 9^4, 18\})$	2099520
18	$\mathcal{O}(1; \{2^4, 3^2, 9^2, 18^2\})$	209952
18	$\mathcal{O}(1; \{3^5, 9^2, 18^2\})$	1679616
18	$\mathcal{O}(1; \{2^5, 6, 9^2, 18^2\})$	104976
18	$\mathcal{O}(1; \{2, 3^3, 6, 9^2, 18^2\})$	839808
18	$\mathcal{O}(1; \{2^2, 3, 6^2, 9^2, 18^2\})$	419904
18	$\mathcal{O}(1; \{6^4, 9^2, 18^2\})$	839808
18	$\mathcal{O}(1; \{3, 9^5, 18^2\})$	19840464
18	$\mathcal{O}(1; \{2^7, 3, 18^3\})$	11664
18	$\mathcal{O}(1; \{2^3, 3^4, 18^3\})$	93312
18	$\mathcal{O}(1; \{2^4, 3^2, 6, 18^3\})$	46656
18	$\mathcal{O}(1; \{3^5, 6, 18^3\})$	373248
18	$\mathcal{O}(1; \{2^5, 6^2, 18^3\})$	23328
18	$\mathcal{O}(1; \{2, 3^3, 6^2, 18^3\})$	186624

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^2, 3, 6^3, 18^3\})$	93312
18	$\mathcal{O}(1; \{6^5, 18^3\})$	186624
18	$\mathcal{O}(1; \{2^3, 9^3, 18^3\})$	1732104
18	$\mathcal{O}(1; \{3, 6, 9^3, 18^3\})$	6928416
18	$\mathcal{O}(1; \{2^2, 3^2, 9, 18^4\})$	1049760
18	$\mathcal{O}(1; \{2^3, 6, 9, 18^4\})$	524880
18	$\mathcal{O}(1; \{3, 6^2, 9, 18^4\})$	2099520
18	$\mathcal{O}(1; \{2, 9^2, 18^5\})$	9920232
18	$\mathcal{O}(1; \{3^2, 18^6\})$	6928416
18	$\mathcal{O}(1; \{2, 6, 18^6\})$	3464208
18	$\mathcal{O}(0; \{2^{10}, 3^2, 9^3\})$	72
18	$\mathcal{O}(0; \{2^6, 3^5, 9^3\})$	576
18	$\mathcal{O}(0; \{2^2, 3^8, 9^3\})$	4608
18	$\mathcal{O}(0; \{2^{11}, 6, 9^3\})$	36
18	$\mathcal{O}(0; \{2^7, 3^3, 6, 9^3\})$	288
18	$\mathcal{O}(0; \{2^3, 3^6, 6, 9^3\})$	2304
18	$\mathcal{O}(0; \{2^8, 3, 6^2, 9^3\})$	144
18	$\mathcal{O}(0; \{2^4, 3^4, 6^2, 9^3\})$	1152
18	$\mathcal{O}(0; \{3^7, 6^2, 9^3\})$	9216
18	$\mathcal{O}(0; \{2^5, 3^2, 6^3, 9^3\})$	576
18	$\mathcal{O}(0; \{2, 3^5, 6^3, 9^3\})$	4608
18	$\mathcal{O}(0; \{2^6, 6^4, 9^3\})$	288
18	$\mathcal{O}(0; \{2^2, 3^3, 6^4, 9^3\})$	2304
18	$\mathcal{O}(0; \{2^3, 3, 6^5, 9^3\})$	1152
18	$\mathcal{O}(0; \{3^2, 6^6, 9^3\})$	4608
18	$\mathcal{O}(0; \{2, 6^7, 9^3\})$	2304
18	$\mathcal{O}(0; \{2^6, 3, 9^6\})$	10692
18	$\mathcal{O}(0; \{2^2, 3^4, 9^6\})$	85536
18	$\mathcal{O}(0; \{2^3, 3^2, 6, 9^6\})$	42768
18	$\mathcal{O}(0; \{2^4, 6^2, 9^6\})$	21384
18	$\mathcal{O}(0; \{3^3, 6^2, 9^6\})$	171072
18	$\mathcal{O}(0; \{2, 3, 6^3, 9^6\})$	85536
18	$\mathcal{O}(0; \{2^2, 9^9\})$	1115370
18	$\mathcal{O}(0; \{2^{13}, 3, 9, 18\})$	12
18	$\mathcal{O}(0; \{2^9, 3^4, 9, 18\})$	96
18	$\mathcal{O}(0; \{2^5, 3^7, 9, 18\})$	768
18	$\mathcal{O}(0; \{2, 3^{10}, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^{10}, 3^2, 6, 9, 18\})$	48
18	$\mathcal{O}(0; \{2^6, 3^5, 6, 9, 18\})$	384
18	$\mathcal{O}(0; \{2^2, 3^8, 6, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2^{11}, 6^2, 9, 18\})$	24
18	$\mathcal{O}(0; \{2^7, 3^3, 6^2, 9, 18\})$	192
18	$\mathcal{O}(0; \{2^3, 3^6, 6^2, 9, 18\})$	1536

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^8, 3, 6^3, 9, 18\})$	96
18	$\mathcal{O}(0; \{2^4, 3^4, 6^3, 9, 18\})$	768
18	$\mathcal{O}(0; \{3^7, 6^3, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^5, 3^2, 6^4, 9, 18\})$	384
18	$\mathcal{O}(0; \{2, 3^5, 6^4, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2^6, 6^5, 9, 18\})$	192
18	$\mathcal{O}(0; \{2^2, 3^3, 6^5, 9, 18\})$	1536
18	$\mathcal{O}(0; \{2^3, 3, 6^6, 9, 18\})$	768
18	$\mathcal{O}(0; \{3^2, 6^7, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2, 6^8, 9, 18\})$	1536
18	$\mathcal{O}(0; \{2^9, 9^4, 18\})$	810
18	$\mathcal{O}(0; \{2^5, 3^3, 9^4, 18\})$	6480
18	$\mathcal{O}(0; \{2, 3^6, 9^4, 18\})$	51840
18	$\mathcal{O}(0; \{2^6, 3, 6, 9^4, 18\})$	3240
18	$\mathcal{O}(0; \{2^2, 3^4, 6, 9^4, 18\})$	25920
18	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 9^4, 18\})$	12960
18	$\mathcal{O}(0; \{2^4, 6^3, 9^4, 18\})$	6480
18	$\mathcal{O}(0; \{3^3, 6^3, 9^4, 18\})$	51840
18	$\mathcal{O}(0; \{2, 3, 6^4, 9^4, 18\})$	25920
18	$\mathcal{O}(0; \{2, 3^2, 9^7, 18\})$	752328
18	$\mathcal{O}(0; \{2^2, 6, 9^7, 18\})$	376164
18	$\mathcal{O}(0; \{2^8, 3^2, 9^2, 18^2\})$	648
18	$\mathcal{O}(0; \{2^4, 3^5, 9^2, 18^2\})$	5184
18	$\mathcal{O}(0; \{3^8, 9^2, 18^2\})$	41472
18	$\mathcal{O}(0; \{2^9, 6, 9^2, 18^2\})$	324
18	$\mathcal{O}(0; \{2^5, 3^3, 6, 9^2, 18^2\})$	2592
18	$\mathcal{O}(0; \{2, 3^6, 6, 9^2, 18^2\})$	20736
18	$\mathcal{O}(0; \{2^6, 3, 6^2, 9^2, 18^2\})$	1296
18	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 9^2, 18^2\})$	5184
18	$\mathcal{O}(0; \{2^4, 6^4, 9^2, 18^2\})$	2592
18	$\mathcal{O}(0; \{3^3, 6^4, 9^2, 18^2\})$	20736
18	$\mathcal{O}(0; \{2, 3, 6^5, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{2^4, 3, 9^5, 18^2\})$	61236
18	$\mathcal{O}(0; \{3^4, 9^5, 18^2\})$	489888
18	$\mathcal{O}(0; \{2, 3^2, 6, 9^5, 18^2\})$	244944
18	$\mathcal{O}(0; \{2^2, 6^2, 9^5, 18^2\})$	122472
18	$\mathcal{O}(0; \{9^8, 18^2\})$	6731586
18	$\mathcal{O}(0; \{2^{11}, 3, 18^3\})$	36
18	$\mathcal{O}(0; \{2^7, 3^4, 18^3\})$	288
18	$\mathcal{O}(0; \{2^3, 3^7, 18^3\})$	2304
18	$\mathcal{O}(0; \{2^8, 3^2, 6, 18^3\})$	144
18	$\mathcal{O}(0; \{2^4, 3^5, 6, 18^3\})$	1152

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{3^8, 6, 18^3\})$	9216
18	$\mathcal{O}(0; \{2^9, 6^2, 18^3\})$	72
18	$\mathcal{O}(0; \{2^5, 3^3, 6^2, 18^3\})$	576
18	$\mathcal{O}(0; \{2, 3^6, 6^2, 18^3\})$	4608
18	$\mathcal{O}(0; \{2^6, 3, 6^3, 18^3\})$	288
18	$\mathcal{O}(0; \{2^2, 3^4, 6^3, 18^3\})$	2304
18	$\mathcal{O}(0; \{2^3, 3^2, 6^4, 18^3\})$	1152
18	$\mathcal{O}(0; \{2^4, 6^5, 18^3\})$	576
18	$\mathcal{O}(0; \{3^3, 6^5, 18^3\})$	4608
18	$\mathcal{O}(0; \{2, 3, 6^6, 18^3\})$	2304
18	$\mathcal{O}(0; \{2^7, 9^3, 18^3\})$	5346
18	$\mathcal{O}(0; \{2^3, 3^3, 9^3, 18^3\})$	42768
18	$\mathcal{O}(0; \{2^4, 3, 6, 9^3, 18^3\})$	21384
18	$\mathcal{O}(0; \{3^4, 6, 9^3, 18^3\})$	171072
18	$\mathcal{O}(0; \{2, 3^2, 6^2, 9^3, 18^3\})$	85536
18	$\mathcal{O}(0; \{2^2, 6^3, 9^3, 18^3\})$	42768
18	$\mathcal{O}(0; \{6, 9^6, 18^3\})$	2230740
18	$\mathcal{O}(0; \{2^6, 3^2, 9, 18^4\})$	3240
18	$\mathcal{O}(0; \{2^2, 3^5, 9, 18^4\})$	25920
18	$\mathcal{O}(0; \{2^7, 6, 9, 18^4\})$	1620
18	$\mathcal{O}(0; \{2^3, 3^3, 6, 9, 18^4\})$	12960
18	$\mathcal{O}(0; \{2^4, 3, 6^2, 9, 18^4\})$	6480
18	$\mathcal{O}(0; \{3^4, 6^2, 9, 18^4\})$	51840
18	$\mathcal{O}(0; \{2, 3^2, 6^3, 9, 18^4\})$	25920
18	$\mathcal{O}(0; \{2^2, 6^4, 9, 18^4\})$	12960
18	$\mathcal{O}(0; \{2^2, 3, 9^4, 18^4\})$	376164
18	$\mathcal{O}(0; \{6^2, 9^4, 18^4\})$	752328
18	$\mathcal{O}(0; \{2^5, 9^2, 18^5\})$	30618
18	$\mathcal{O}(0; \{2, 3^3, 9^2, 18^5\})$	244944
18	$\mathcal{O}(0; \{2^2, 3, 6, 9^2, 18^5\})$	122472
18	$\mathcal{O}(0; \{6^3, 9^2, 18^5\})$	244944
18	$\mathcal{O}(0; \{2^4, 3^2, 18^6\})$	21384
18	$\mathcal{O}(0; \{3^5, 18^6\})$	171072
18	$\mathcal{O}(0; \{2^5, 6, 18^6\})$	10692
18	$\mathcal{O}(0; \{2, 3^3, 6, 18^6\})$	85536
18	$\mathcal{O}(0; \{2^2, 3, 6^2, 18^6\})$	42768
18	$\mathcal{O}(0; \{6^4, 18^6\})$	85536
18	$\mathcal{O}(0; \{3, 9^3, 18^6\})$	2230740
18	$\mathcal{O}(0; \{2^3, 9, 18^7\})$	188082
18	$\mathcal{O}(0; \{3, 6, 9, 18^7\})$	752328
18	$\mathcal{O}(0; \{2, 18^9\})$	1115370
19	$\mathcal{O}(1; \{19^7\})$	11632180266
20	$\mathcal{O}(2; \{2^2, 4^2, 10^2\})$	1280000

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{2^2, 4, 5^2, 20\})$	3840000
20	$\mathcal{O}(2; \{4, 5, 10^2, 20\})$	16640000
20	$\mathcal{O}(2; \{5^3, 20^2\})$	65280000
20	$\mathcal{O}(2; \{2^3, 10, 20^2\})$	3840000
20	$\mathcal{O}(2; \{4^2, 10, 20^2\})$	15360000
20	$\mathcal{O}(2; \{2, 20^4\})$	66560000
20	$\mathcal{O}(1; \{4^2, 5^6\})$	656000
20	$\mathcal{O}(1; \{2^3, 4^2, 5^3, 10\})$	41600
20	$\mathcal{O}(1; \{4^4, 5^3, 10\})$	166400
20	$\mathcal{O}(1; \{2^6, 4^2, 10^2\})$	3200
20	$\mathcal{O}(1; \{2^3, 4^4, 10^2\})$	12800
20	$\mathcal{O}(1; \{4^6, 10^2\})$	51200
20	$\mathcal{O}(1; \{2, 4^2, 5^2, 10^3\})$	163200
20	$\mathcal{O}(1; \{2^6, 4, 5^2, 20\})$	9600
20	$\mathcal{O}(1; \{2^3, 4^3, 5^2, 20\})$	38400
20	$\mathcal{O}(1; \{4^5, 5^2, 20\})$	153600
20	$\mathcal{O}(1; \{2, 4, 5^4, 10, 20\})$	656000
20	$\mathcal{O}(1; \{2^4, 4, 5, 10^2, 20\})$	41600
20	$\mathcal{O}(1; \{2, 4^3, 5, 10^2, 20\})$	166400
20	$\mathcal{O}(1; \{2^2, 4, 10^4, 20\})$	163200
20	$\mathcal{O}(1; \{2^4, 5^3, 20^2\})$	163200
20	$\mathcal{O}(1; \{2, 4^2, 5^3, 20^2\})$	652800
20	$\mathcal{O}(1; \{2^7, 10, 20^2\})$	9600
20	$\mathcal{O}(1; \{2^4, 4^2, 10, 20^2\})$	38400
20	$\mathcal{O}(1; \{2, 4^4, 10, 20^2\})$	153600
20	$\mathcal{O}(1; \{2^2, 5^2, 10^2, 20^2\})$	656000
20	$\mathcal{O}(1; \{5, 10^4, 20^2\})$	2620800
20	$\mathcal{O}(1; \{2^2, 4, 5, 10, 20^3\})$	652800
20	$\mathcal{O}(1; \{4, 10^3, 20^3\})$	2624000
20	$\mathcal{O}(1; \{2^5, 20^4\})$	166400
20	$\mathcal{O}(1; \{2^2, 4^2, 20^4\})$	665600
20	$\mathcal{O}(1; \{5^2, 10, 20^4\})$	10483200
20	$\mathcal{O}(1; \{4, 5, 20^5\})$	10496000
20	$\mathcal{O}(0; \{2^4, 4^2, 5^6\})$	1640
20	$\mathcal{O}(0; \{2, 4^4, 5^6\})$	6560
20	$\mathcal{O}(0; \{2^7, 4^2, 5^3, 10\})$	104
20	$\mathcal{O}(0; \{2^4, 4^4, 5^3, 10\})$	416
20	$\mathcal{O}(0; \{2, 4^6, 5^3, 10\})$	1664
20	$\mathcal{O}(0; \{2^{10}, 4^2, 10^2\})$	8
20	$\mathcal{O}(0; \{2^7, 4^4, 10^2\})$	32
20	$\mathcal{O}(0; \{2^4, 4^6, 10^2\})$	128
20	$\mathcal{O}(0; \{2, 4^8, 10^2\})$	512
20	$\mathcal{O}(0; \{2^2, 4^2, 5^5, 10^2\})$	6552

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^3, 4^3, 5, 10, 20^3\})$	6528
20	$\mathcal{O}(0; \{4^5, 5, 10, 20^3\})$	26112
20	$\mathcal{O}(0; \{2, 4, 5^3, 10^2, 20^3\})$	104864
20	$\mathcal{O}(0; \{2^4, 4, 10^3, 20^3\})$	6560
20	$\mathcal{O}(0; \{2, 4^3, 10^3, 20^3\})$	26240
20	$\mathcal{O}(0; \{2^9, 20^4\})$	416
20	$\mathcal{O}(0; \{2^6, 4^2, 20^4\})$	1664
20	$\mathcal{O}(0; \{2^3, 4^4, 20^4\})$	6656
20	$\mathcal{O}(0; \{4^6, 20^4\})$	26624
20	$\mathcal{O}(0; \{2, 5^5, 20^4\})$	419424
20	$\mathcal{O}(0; \{2^4, 5^2, 10, 20^4\})$	26208
20	$\mathcal{O}(0; \{2, 4^2, 5^2, 10, 20^4\})$	104832
20	$\mathcal{O}(0; \{2^2, 5, 10^3, 20^4\})$	104864
20	$\mathcal{O}(0; \{10^5, 20^4\})$	419424
20	$\mathcal{O}(0; \{2^4, 4, 5, 20^5\})$	26240
20	$\mathcal{O}(0; \{2, 4^3, 5, 20^5\})$	104960
20	$\mathcal{O}(0; \{2^2, 4, 10^2, 20^5\})$	104832
20	$\mathcal{O}(0; \{2^2, 5^2, 20^6\})$	419456
20	$\mathcal{O}(0; \{5, 10^2, 20^6\})$	1677696
20	$\mathcal{O}(0; \{4, 10, 20^7\})$	1677824
21	$\mathcal{O}(4; \emptyset)$	37817088000
21	$\mathcal{O}(3; \{3^3\})$	171530784
21	$\mathcal{O}(2; \{3^6\})$	4276800
21	$\mathcal{O}(2; \{3^2, 7^2, 21\})$	11668860
21	$\mathcal{O}(1; \{3^9\})$	73440
21	$\mathcal{O}(1; \{7^7\})$	15676080
21	$\mathcal{O}(1; \{3^5, 7^2, 21\})$	291060
21	$\mathcal{O}(1; \{3, 7^4, 21^2\})$	5879412
21	$\mathcal{O}(1; \{3^2, 7, 21^4\})$	10769220
21	$\mathcal{O}(0; \{3^3, 7^7\})$	79980
21	$\mathcal{O}(0; \{3^8, 7^2, 21\})$	5100
21	$\mathcal{O}(0; \{3^4, 7^4, 21^2\})$	146652
21	$\mathcal{O}(0; \{7^6, 21^3\})$	2879340
21	$\mathcal{O}(0; \{3^5, 7, 21^4\})$	188700
21	$\mathcal{O}(0; \{3, 7^3, 21^5\})$	5278812
21	$\mathcal{O}(0; \{3^2, 21^7\})$	6798300
22	$\mathcal{O}(2; \{2^2, 11^3\})$	21083040
22	$\mathcal{O}(2; \{11^2, 22^2\})$	213172960
22	$\mathcal{O}(1; \{2^6, 11^3\})$	43560
22	$\mathcal{O}(1; \{2^4, 11^2, 22^2\})$	440440
22	$\mathcal{O}(1; \{2^2, 11, 22^4\})$	4399560
22	$\mathcal{O}(1; \{22^6\})$	44000440
22	$\mathcal{O}(0; \{2^{10}, 11^3\})$	90

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
22	$\mathcal{O}(0; \{2^8, 11^2, 22^2\})$	910
22	$\mathcal{O}(0; \{2^6, 11, 22^4\})$	9090
22	$\mathcal{O}(0; \{2^4, 22^6\})$	90910
24	$\mathcal{O}(2; \{2^3, 8^2\})$	1310720
24	$\mathcal{O}(2; \{4^2, 8^2\})$	5242880
24	$\mathcal{O}(2; \{3, 6, 8^2\})$	2654208
24	$\mathcal{O}(2; \{3, 4, 8, 24\})$	5308416
24	$\mathcal{O}(2; \{2, 8, 12, 24\})$	5308416
24	$\mathcal{O}(2; \{3^2, 24^2\})$	7962624
24	$\mathcal{O}(2; \{2, 6, 24^2\})$	2654208
24	$\mathcal{O}(1; \{2^7, 8^2\})$	2048
24	$\mathcal{O}(1; \{2^3, 3^3, 8^2\})$	4608
24	$\mathcal{O}(1; \{2^4, 4^2, 8^2\})$	8192
24	$\mathcal{O}(1; \{3^3, 4^2, 8^2\})$	18432
24	$\mathcal{O}(1; \{2, 4^4, 8^2\})$	32768
24	$\mathcal{O}(1; \{2^4, 3, 6, 8^2\})$	4608
24	$\mathcal{O}(1; \{3^4, 6, 8^2\})$	23040
24	$\mathcal{O}(1; \{2, 3, 4^2, 6, 8^2\})$	18432
24	$\mathcal{O}(1; \{2, 3^2, 6^2, 8^2\})$	13824
24	$\mathcal{O}(1; \{2^2, 6^3, 8^2\})$	4608
24	$\mathcal{O}(1; \{2^2, 4, 8^4\})$	65536
24	$\mathcal{O}(1; \{8^6\})$	524288
24	$\mathcal{O}(1; \{2, 3^2, 4, 8^2, 12\})$	18432
24	$\mathcal{O}(1; \{2^2, 4, 6, 8^2, 12\})$	18432
24	$\mathcal{O}(1; \{6, 8^4, 12\})$	147456
24	$\mathcal{O}(1; \{2^2, 3, 8^2, 12^2\})$	18432
24	$\mathcal{O}(1; \{6^2, 8^2, 12^2\})$	55296
24	$\mathcal{O}(1; \{4, 8^2, 12^3\})$	73728
24	$\mathcal{O}(1; \{2^4, 3, 4, 8, 24\})$	9216
24	$\mathcal{O}(1; \{3^4, 4, 8, 24\})$	46080
24	$\mathcal{O}(1; \{2, 3, 4^3, 8, 24\})$	36864
24	$\mathcal{O}(1; \{2, 3^2, 4, 6, 8, 24\})$	27648
24	$\mathcal{O}(1; \{2^2, 4, 6^2, 8, 24\})$	9216
24	$\mathcal{O}(1; \{2^2, 3, 8^3, 24\})$	73728
24	$\mathcal{O}(1; \{6^2, 8^3, 24\})$	73728
24	$\mathcal{O}(1; \{2^5, 8, 12, 24\})$	9216
24	$\mathcal{O}(1; \{2, 3^3, 8, 12, 24\})$	46080
24	$\mathcal{O}(1; \{2^2, 4^2, 8, 12, 24\})$	36864
24	$\mathcal{O}(1; \{2^2, 3, 6, 8, 12, 24\})$	27648
24	$\mathcal{O}(1; \{6^3, 8, 12, 24\})$	46080
24	$\mathcal{O}(1; \{4, 8^3, 12, 24\})$	294912
24	$\mathcal{O}(1; \{4, 6, 8, 12^2, 24\})$	110592
24	$\mathcal{O}(1; \{3, 8, 12^3, 24\})$	184320

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2^4, 3^2, 24^2\})$	13824
24	$\mathcal{O}(1; \{3^5, 24^2\})$	96768
24	$\mathcal{O}(1; \{2, 3^2, 4^2, 24^2\})$	55296
24	$\mathcal{O}(1; \{2^5, 6, 24^2\})$	4608
24	$\mathcal{O}(1; \{2, 3^3, 6, 24^2\})$	50688
24	$\mathcal{O}(1; \{2^2, 4^2, 6, 24^2\})$	18432
24	$\mathcal{O}(1; \{2^2, 3, 6^2, 24^2\})$	23040
24	$\mathcal{O}(1; \{6^4, 24^2\})$	50688
24	$\mathcal{O}(1; \{4, 6, 8^2, 24^2\})$	147456
24	$\mathcal{O}(1; \{2^2, 3, 4, 12, 24^2\})$	55296
24	$\mathcal{O}(1; \{4, 6^2, 12, 24^2\})$	92160
24	$\mathcal{O}(1; \{3, 8^2, 12, 24^2\})$	442368
24	$\mathcal{O}(1; \{2^3, 12^2, 24^2\})$	55296
24	$\mathcal{O}(1; \{4^2, 12^2, 24^2\})$	221184
24	$\mathcal{O}(1; \{3, 6, 12^2, 24^2\})$	202752
24	$\mathcal{O}(1; \{2^3, 8, 24^3\})$	73728
24	$\mathcal{O}(1; \{4^2, 8, 24^3\})$	294912
24	$\mathcal{O}(1; \{3, 6, 8, 24^3\})$	368640
24	$\mathcal{O}(1; \{3, 4, 24^4\})$	737280
24	$\mathcal{O}(1; \{2, 12, 24^4\})$	737280
24	$\mathcal{O}(0; \{2^7, 3^3, 8^2\})$	8
24	$\mathcal{O}(0; \{2^3, 3^6, 8^2\})$	88
24	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 8^2\})$	32
24	$\mathcal{O}(0; \{3^6, 4^2, 8^2\})$	352
24	$\mathcal{O}(0; \{2, 3^3, 4^4, 8^2\})$	128
24	$\mathcal{O}(0; \{2^8, 3, 6, 8^2\})$	8
24	$\mathcal{O}(0; \{2^4, 3^4, 6, 8^2\})$	40
24	$\mathcal{O}(0; \{3^7, 6, 8^2\})$	344
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 6, 8^2\})$	32
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 6, 8^2\})$	160
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 6, 8^2\})$	128
24	$\mathcal{O}(0; \{2^5, 3^2, 6^2, 8^2\})$	24
24	$\mathcal{O}(0; \{2, 3^5, 6^2, 8^2\})$	168
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^2, 8^2\})$	96
24	$\mathcal{O}(0; \{2^6, 6^3, 8^2\})$	8
24	$\mathcal{O}(0; \{2^2, 3^3, 6^3, 8^2\})$	88
24	$\mathcal{O}(0; \{2^3, 4^2, 6^3, 8^2\})$	32
24	$\mathcal{O}(0; \{4^4, 6^3, 8^2\})$	128
24	$\mathcal{O}(0; \{2^3, 3, 6^4, 8^2\})$	40
24	$\mathcal{O}(0; \{3, 4^2, 6^4, 8^2\})$	160
24	$\mathcal{O}(0; \{3^2, 6^5, 8^2\})$	168
24	$\mathcal{O}(0; \{2, 6^6, 8^2\})$	88
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 8^4\})$	256

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^3, 3, 4, 6, 8^4\})$	256
24	$\mathcal{O}(0; \{3, 4^3, 6, 8^4\})$	1024
24	$\mathcal{O}(0; \{3^2, 4, 6^2, 8^4\})$	768
24	$\mathcal{O}(0; \{2, 4, 6^3, 8^4\})$	256
24	$\mathcal{O}(0; \{3^3, 8^6\})$	2048
24	$\mathcal{O}(0; \{2, 3, 6, 8^6\})$	2048
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 8^2, 12\})$	32
24	$\mathcal{O}(0; \{2, 3^5, 4, 8^2, 12\})$	352
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 8^2, 12\})$	128
24	$\mathcal{O}(0; \{2^6, 4, 6, 8^2, 12\})$	32
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6, 8^2, 12\})$	160
24	$\mathcal{O}(0; \{2^3, 4^3, 6, 8^2, 12\})$	128
24	$\mathcal{O}(0; \{4^5, 6, 8^2, 12\})$	512
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^2, 8^2, 12\})$	96
24	$\mathcal{O}(0; \{3, 4^3, 6^2, 8^2, 12\})$	384
24	$\mathcal{O}(0; \{3^2, 4, 6^3, 8^2, 12\})$	352
24	$\mathcal{O}(0; \{2, 4, 6^4, 8^2, 12\})$	160
24	$\mathcal{O}(0; \{2^3, 3^2, 8^4, 12\})$	256
24	$\mathcal{O}(0; \{3^2, 4^2, 8^4, 12\})$	1024
24	$\mathcal{O}(0; \{2^4, 6, 8^4, 12\})$	256
24	$\mathcal{O}(0; \{3^3, 6, 8^4, 12\})$	1280
24	$\mathcal{O}(0; \{2, 4^2, 6, 8^4, 12\})$	1024
24	$\mathcal{O}(0; \{2, 3, 6^2, 8^4, 12\})$	768
24	$\mathcal{O}(0; \{2^6, 3, 8^2, 12^2\})$	32
24	$\mathcal{O}(0; \{2^2, 3^4, 8^2, 12^2\})$	352
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 8^2, 12^2\})$	128
24	$\mathcal{O}(0; \{3, 4^4, 8^2, 12^2\})$	512
24	$\mathcal{O}(0; \{2^3, 3^2, 6, 8^2, 12^2\})$	160
24	$\mathcal{O}(0; \{3^2, 4^2, 6, 8^2, 12^2\})$	640
24	$\mathcal{O}(0; \{2^4, 6^2, 8^2, 12^2\})$	96
24	$\mathcal{O}(0; \{3^3, 6^2, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2, 4^2, 6^2, 8^2, 12^2\})$	384
24	$\mathcal{O}(0; \{2, 3, 6^3, 8^2, 12^2\})$	352
24	$\mathcal{O}(0; \{2, 3, 4, 8^4, 12^2\})$	1024
24	$\mathcal{O}(0; \{2^4, 4, 8^2, 12^3\})$	128
24	$\mathcal{O}(0; \{3^3, 4, 8^2, 12^3\})$	1408
24	$\mathcal{O}(0; \{2, 4^3, 8^2, 12^3\})$	512
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8^2, 12^3\})$	640
24	$\mathcal{O}(0; \{2^2, 8^4, 12^3\})$	1024
24	$\mathcal{O}(0; \{2, 3^2, 8^2, 12^4\})$	1408
24	$\mathcal{O}(0; \{2^2, 6, 8^2, 12^4\})$	640
24	$\mathcal{O}(0; \{8^2, 12^6\})$	5632
24	$\mathcal{O}(0; \{2^8, 3, 4, 8, 24\})$	16

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Table 4 – continued from previous page

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 3, 6^4, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{2^4, 4, 8^3, 12, 24\})$	512
24	$\mathcal{O}(0; \{3^3, 4, 8^3, 12, 24\})$	2560
24	$\mathcal{O}(0; \{2, 4^3, 8^3, 12, 24\})$	2048
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8^3, 12, 24\})$	1536
24	$\mathcal{O}(0; \{2^2, 8^5, 12, 24\})$	4096
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 8, 12^2, 24\})$	320
24	$\mathcal{O}(0; \{3^2, 4^3, 8, 12^2, 24\})$	1280
24	$\mathcal{O}(0; \{2^4, 4, 6, 8, 12^2, 24\})$	192
24	$\mathcal{O}(0; \{3^3, 4, 6, 8, 12^2, 24\})$	1344
24	$\mathcal{O}(0; \{2, 4^3, 6, 8, 12^2, 24\})$	768
24	$\mathcal{O}(0; \{2, 3, 4, 6^2, 8, 12^2, 24\})$	704
24	$\mathcal{O}(0; \{2, 3^2, 8^3, 12^2, 24\})$	2560
24	$\mathcal{O}(0; \{2^2, 6, 8^3, 12^2, 24\})$	1536
24	$\mathcal{O}(0; \{2^4, 3, 8, 12^3, 24\})$	320
24	$\mathcal{O}(0; \{3^4, 8, 12^3, 24\})$	2752
24	$\mathcal{O}(0; \{2, 3, 4^2, 8, 12^3, 24\})$	1280
24	$\mathcal{O}(0; \{2, 3^2, 6, 8, 12^3, 24\})$	1344
24	$\mathcal{O}(0; \{2^2, 6^2, 8, 12^3, 24\})$	704
24	$\mathcal{O}(0; \{2^2, 4, 8, 12^4, 24\})$	1280
24	$\mathcal{O}(0; \{8^3, 12^4, 24\})$	10240
24	$\mathcal{O}(0; \{6, 8, 12^5, 24\})$	5376
24	$\mathcal{O}(0; \{2^8, 3^2, 24^2\})$	24
24	$\mathcal{O}(0; \{2^4, 3^5, 24^2\})$	168
24	$\mathcal{O}(0; \{3^8, 24^2\})$	1368
24	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 24^2\})$	96
24	$\mathcal{O}(0; \{2, 3^5, 4^2, 24^2\})$	672
24	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 24^2\})$	384
24	$\mathcal{O}(0; \{2^9, 6, 24^2\})$	8
24	$\mathcal{O}(0; \{2^5, 3^3, 6, 24^2\})$	88
24	$\mathcal{O}(0; \{2, 3^6, 6, 24^2\})$	680
24	$\mathcal{O}(0; \{2^6, 4^2, 6, 24^2\})$	32
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6, 24^2\})$	352
24	$\mathcal{O}(0; \{2^3, 4^4, 6, 24^2\})$	128
24	$\mathcal{O}(0; \{4^6, 6, 24^2\})$	512
24	$\mathcal{O}(0; \{2^6, 3, 6^2, 24^2\})$	40
24	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 24^2\})$	344
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^2, 24^2\})$	160
24	$\mathcal{O}(0; \{3, 4^4, 6^2, 24^2\})$	640
24	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 24^2\})$	168
24	$\mathcal{O}(0; \{3^2, 4^2, 6^3, 24^2\})$	672
24	$\mathcal{O}(0; \{2^4, 6^4, 24^2\})$	88
24	$\mathcal{O}(0; \{3^3, 6^4, 24^2\})$	680

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 4^2, 6^4, 24^2\})$	352
24	$\mathcal{O}(0; \{2, 3, 6^5, 24^2\})$	344
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 8^2, 24^2\})$	768
24	$\mathcal{O}(0; \{3^2, 4^3, 8^2, 24^2\})$	3072
24	$\mathcal{O}(0; \{2^4, 4, 6, 8^2, 24^2\})$	256
24	$\mathcal{O}(0; \{3^3, 4, 6, 8^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2, 4^3, 6, 8^2, 24^2\})$	1024
24	$\mathcal{O}(0; \{2, 3, 4, 6^2, 8^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{2, 3^2, 8^4, 24^2\})$	6144
24	$\mathcal{O}(0; \{2^2, 6, 8^4, 24^2\})$	2048
24	$\mathcal{O}(0; \{2^6, 3, 4, 12, 24^2\})$	96
24	$\mathcal{O}(0; \{2^2, 3^4, 4, 12, 24^2\})$	672
24	$\mathcal{O}(0; \{2^3, 3, 4^3, 12, 24^2\})$	384
24	$\mathcal{O}(0; \{3, 4^5, 12, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 6, 12, 24^2\})$	352
24	$\mathcal{O}(0; \{3^2, 4^3, 6, 12, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^4, 4, 6^2, 12, 24^2\})$	160
24	$\mathcal{O}(0; \{3^3, 4, 6^2, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2, 4^3, 6^2, 12, 24^2\})$	640
24	$\mathcal{O}(0; \{2, 3, 4, 6^3, 12, 24^2\})$	672
24	$\mathcal{O}(0; \{2^4, 3, 8^2, 12, 24^2\})$	768
24	$\mathcal{O}(0; \{3^4, 8^2, 12, 24^2\})$	5376
24	$\mathcal{O}(0; \{2, 3, 4^2, 8^2, 12, 24^2\})$	3072
24	$\mathcal{O}(0; \{2, 3^2, 6, 8^2, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^2, 6^2, 8^2, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^7, 12^2, 24^2\})$	96
24	$\mathcal{O}(0; \{2^3, 3^3, 12^2, 24^2\})$	672
24	$\mathcal{O}(0; \{2^4, 4^2, 12^2, 24^2\})$	384
24	$\mathcal{O}(0; \{3^3, 4^2, 12^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2, 4^4, 12^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^4, 3, 6, 12^2, 24^2\})$	352
24	$\mathcal{O}(0; \{3^4, 6, 12^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2, 3, 4^2, 6, 12^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{2, 3^2, 6^2, 12^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^2, 6^3, 12^2, 24^2\})$	672
24	$\mathcal{O}(0; \{2^2, 4, 8^2, 12^2, 24^2\})$	3072
24	$\mathcal{O}(0; \{8^4, 12^2, 24^2\})$	24576
24	$\mathcal{O}(0; \{2, 3^2, 4, 12^3, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^2, 4, 6, 12^3, 24^2\})$	1408
24	$\mathcal{O}(0; \{6, 8^2, 12^3, 24^2\})$	11264
24	$\mathcal{O}(0; \{2^2, 3, 12^4, 24^2\})$	2688
24	$\mathcal{O}(0; \{6^2, 12^4, 24^2\})$	5504
24	$\mathcal{O}(0; \{4, 12^5, 24^2\})$	10752

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^7, 8, 24^3\})$	128
24	$\mathcal{O}(0; \{2^3, 3^3, 8, 24^3\})$	1408
24	$\mathcal{O}(0; \{2^4, 4^2, 8, 24^3\})$	512
24	$\mathcal{O}(0; \{3^3, 4^2, 8, 24^3\})$	5632
24	$\mathcal{O}(0; \{2, 4^4, 8, 24^3\})$	2048
24	$\mathcal{O}(0; \{2^4, 3, 6, 8, 24^3\})$	640
24	$\mathcal{O}(0; \{3^4, 6, 8, 24^3\})$	5504
24	$\mathcal{O}(0; \{2, 3, 4^2, 6, 8, 24^3\})$	2560
24	$\mathcal{O}(0; \{2, 3^2, 6^2, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{2^2, 6^3, 8, 24^3\})$	1408
24	$\mathcal{O}(0; \{2^2, 4, 8^3, 24^3\})$	4096
24	$\mathcal{O}(0; \{8^5, 24^3\})$	32768
24	$\mathcal{O}(0; \{2, 3^2, 4, 8, 12, 24^3\})$	5632
24	$\mathcal{O}(0; \{2^2, 4, 6, 8, 12, 24^3\})$	2560
24	$\mathcal{O}(0; \{6, 8^3, 12, 24^3\})$	20480
24	$\mathcal{O}(0; \{2^2, 3, 8, 12^2, 24^3\})$	5632
24	$\mathcal{O}(0; \{6^2, 8, 12^2, 24^3\})$	10752
24	$\mathcal{O}(0; \{4, 8, 12^3, 24^3\})$	22528
24	$\mathcal{O}(0; \{2^4, 3, 4, 24^4\})$	1280
24	$\mathcal{O}(0; \{3^4, 4, 24^4\})$	11008
24	$\mathcal{O}(0; \{2, 3, 4^3, 24^4\})$	5120
24	$\mathcal{O}(0; \{2, 3^2, 4, 6, 24^4\})$	5376
24	$\mathcal{O}(0; \{2^2, 4, 6^2, 24^4\})$	2816
24	$\mathcal{O}(0; \{2^2, 3, 8^2, 24^4\})$	10240
24	$\mathcal{O}(0; \{6^2, 8^2, 24^4\})$	22528
24	$\mathcal{O}(0; \{2^5, 12, 24^4\})$	1280
24	$\mathcal{O}(0; \{2, 3^3, 12, 24^4\})$	11008
24	$\mathcal{O}(0; \{2^2, 4^2, 12, 24^4\})$	5120
24	$\mathcal{O}(0; \{2^2, 3, 6, 12, 24^4\})$	5376
24	$\mathcal{O}(0; \{6^3, 12, 24^4\})$	11008
24	$\mathcal{O}(0; \{4, 8^2, 12, 24^4\})$	40960
24	$\mathcal{O}(0; \{4, 6, 12^2, 24^4\})$	21504
24	$\mathcal{O}(0; \{3, 12^3, 24^4\})$	44032
24	$\mathcal{O}(0; \{4, 6, 8, 24^5\})$	45056
24	$\mathcal{O}(0; \{3, 8, 12, 24^5\})$	86016
24	$\mathcal{O}(0; \{2^3, 24^6\})$	22528
24	$\mathcal{O}(0; \{4^2, 24^6\})$	90112
24	$\mathcal{O}(0; \{3, 6, 24^6\})$	88064
25	$\mathcal{O}(0; \{5^4, 25^4\})$	1664000
26	$\mathcal{O}(2; \{2^2, 13^2\})$	5483712
26	$\mathcal{O}(2; \{13, 26^2\})$	60320832
26	$\mathcal{O}(1; \{2^6, 13^2\})$	8112
26	$\mathcal{O}(1; \{2^4, 13, 26^2\})$	89232

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
26	$\mathcal{O}(1; \{2^2, 26^4\})$	1078896
26	$\mathcal{O}(0; \{2^{10}, 13^2\})$	12
26	$\mathcal{O}(0; \{2^8, 13, 26^2\})$	132
26	$\mathcal{O}(0; \{2^6, 26^4\})$	1596
27	$\mathcal{O}(2; \{3^4\})$	3149280
27	$\mathcal{O}(2; \{9^3\})$	9447840
27	$\mathcal{O}(1; \{3^7\})$	27216
27	$\mathcal{O}(1; \{3^3, 9^3\})$	93312
27	$\mathcal{O}(1; \{9^2, 27^3\})$	4251528
27	$\mathcal{O}(0; \{3^3, 9^2, 27^3\})$	46656
27	$\mathcal{O}(0; \{9, 27^6\})$	7794468
28	$\mathcal{O}(2; \{2^2, 4^2\})$	1228800
28	$\mathcal{O}(1; \{2^6, 4^2\})$	1536
28	$\mathcal{O}(1; \{2^3, 4^4\})$	6144
28	$\mathcal{O}(1; \{4^6\})$	24576
28	$\mathcal{O}(1; \{2^2, 4, 7, 14, 28\})$	47040
28	$\mathcal{O}(1; \{4, 14^3, 28\})$	291648
28	$\mathcal{O}(1; \{7^3, 28^2\})$	1740480
28	$\mathcal{O}(1; \{4, 7, 28^3\})$	1166592
28	$\mathcal{O}(0; \{2^3, 4^2, 7^3, 14\})$	372
28	$\mathcal{O}(0; \{4^4, 7^3, 14\})$	1488
28	$\mathcal{O}(0; \{2, 4^2, 7^2, 14^3\})$	2220
28	$\mathcal{O}(0; \{2, 4, 7^5, 28\})$	13332
28	$\mathcal{O}(0; \{2^6, 4, 7, 14, 28\})$	60
28	$\mathcal{O}(0; \{2^3, 4^3, 7, 14, 28\})$	240
28	$\mathcal{O}(0; \{4^5, 7, 14, 28\})$	960
28	$\mathcal{O}(0; \{2^4, 4, 14^3, 28\})$	372
28	$\mathcal{O}(0; \{2, 4^3, 14^3, 28\})$	1488
28	$\mathcal{O}(0; \{2^4, 7^3, 28^2\})$	2220
28	$\mathcal{O}(0; \{2, 4^2, 7^3, 28^2\})$	8880
28	$\mathcal{O}(0; \{2^2, 7^2, 14^2, 28^2\})$	13332
28	$\mathcal{O}(0; \{7, 14^4, 28^2\})$	79980
28	$\mathcal{O}(0; \{2^4, 4, 7, 28^3\})$	1488
28	$\mathcal{O}(0; \{2, 4^3, 7, 28^3\})$	5952
28	$\mathcal{O}(0; \{2^2, 4, 14^2, 28^3\})$	8880
28	$\mathcal{O}(0; \{7^2, 14, 28^4\})$	319920
28	$\mathcal{O}(0; \{4, 14, 28^5\})$	213312
30	$\mathcal{O}(2; \{2, 5, 10\})$	3200000
30	$\mathcal{O}(1; \{2^2, 5^4\})$	41600
30	$\mathcal{O}(1; \{2^5, 5, 10\})$	3200
30	$\mathcal{O}(1; \{2, 3^3, 5, 10\})$	7200
30	$\mathcal{O}(1; \{2^2, 3, 5, 6, 10\})$	7200
30	$\mathcal{O}(1; \{5, 6^3, 10\})$	7200

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{5^3, 10^2\})$	163200
30	$\mathcal{O}(1; \{2^3, 10^3\})$	9600
30	$\mathcal{O}(1; \{3, 6, 10^3\})$	21600
30	$\mathcal{O}(1; \{2^2, 3, 5^2, 15\})$	21600
30	$\mathcal{O}(1; \{5^2, 6^2, 15\})$	21600
30	$\mathcal{O}(1; \{3, 5, 10^2, 15\})$	93600
30	$\mathcal{O}(1; \{2^2, 3^2, 15^2\})$	21600
30	$\mathcal{O}(1; \{2^3, 6, 15^2\})$	7200
30	$\mathcal{O}(1; \{3, 6^2, 15^2\})$	36000
30	$\mathcal{O}(1; \{2, 10, 15^3\})$	93600
30	$\mathcal{O}(1; \{5^3, 6, 30\})$	93600
30	$\mathcal{O}(1; \{2^2, 3^2, 10, 30\})$	7200
30	$\mathcal{O}(1; \{2^3, 6, 10, 30\})$	7200
30	$\mathcal{O}(1; \{3, 6^2, 10, 30\})$	21600
30	$\mathcal{O}(1; \{2^3, 5, 15, 30\})$	21600
30	$\mathcal{O}(1; \{3, 5, 6, 15, 30\})$	64800
30	$\mathcal{O}(1; \{2, 10^2, 15, 30\})$	93600
30	$\mathcal{O}(1; \{3, 5^2, 30^2\})$	93600
30	$\mathcal{O}(1; \{3^2, 15, 30^2\})$	108000
30	$\mathcal{O}(1; \{2, 6, 15, 30^2\})$	64800
30	$\mathcal{O}(1; \{2, 5, 30^3\})$	93600
30	$\mathcal{O}(0; \{2^2, 3^3, 5^4\})$	104
30	$\mathcal{O}(0; \{2^3, 3, 5^4, 6\})$	104
30	$\mathcal{O}(0; \{3^2, 5^4, 6^2\})$	312
30	$\mathcal{O}(0; \{2, 5^4, 6^3\})$	104
30	$\mathcal{O}(0; \{2^5, 3^3, 5, 10\})$	8
30	$\mathcal{O}(0; \{2, 3^6, 5, 10\})$	88
30	$\mathcal{O}(0; \{2^6, 3, 5, 6, 10\})$	8
30	$\mathcal{O}(0; \{2^2, 3^4, 5, 6, 10\})$	40
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 6^2, 10\})$	24
30	$\mathcal{O}(0; \{2^4, 5, 6^3, 10\})$	8
30	$\mathcal{O}(0; \{3^3, 5, 6^3, 10\})$	88
30	$\mathcal{O}(0; \{2, 3, 5, 6^4, 10\})$	40
30	$\mathcal{O}(0; \{3^3, 5^3, 10^2\})$	408
30	$\mathcal{O}(0; \{2, 3, 5^3, 6, 10^2\})$	408
30	$\mathcal{O}(0; \{2^3, 3^3, 10^3\})$	24
30	$\mathcal{O}(0; \{2^4, 3, 6, 10^3\})$	24
30	$\mathcal{O}(0; \{3^4, 6, 10^3\})$	120
30	$\mathcal{O}(0; \{2, 3^2, 6^2, 10^3\})$	72
30	$\mathcal{O}(0; \{2^2, 6^3, 10^3\})$	24
30	$\mathcal{O}(0; \{2^6, 3, 5^2, 15\})$	24
30	$\mathcal{O}(0; \{2^2, 3^4, 5^2, 15\})$	120
30	$\mathcal{O}(0; \{2^3, 3^2, 5^2, 6, 15\})$	72

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

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^2, 5^2, 6, 10^2, 30\})$	408
30	$\mathcal{O}(0; \{5, 6, 10^4, 30\})$	1640
30	$\mathcal{O}(0; \{2^7, 5, 15, 30\})$	24
30	$\mathcal{O}(0; \{2^3, 3^3, 5, 15, 30\})$	120
30	$\mathcal{O}(0; \{2^4, 3, 5, 6, 15, 30\})$	72
30	$\mathcal{O}(0; \{3^4, 5, 6, 15, 30\})$	504
30	$\mathcal{O}(0; \{2, 3^2, 5, 6^2, 15, 30\})$	264
30	$\mathcal{O}(0; \{2^2, 5, 6^3, 15, 30\})$	120
30	$\mathcal{O}(0; \{2^2, 5^3, 10, 15, 30\})$	1640
30	$\mathcal{O}(0; \{2^5, 10^2, 15, 30\})$	104
30	$\mathcal{O}(0; \{2, 3^3, 10^2, 15, 30\})$	520
30	$\mathcal{O}(0; \{2^2, 3, 6, 10^2, 15, 30\})$	312
30	$\mathcal{O}(0; \{6^3, 10^2, 15, 30\})$	520
30	$\mathcal{O}(0; \{5^2, 10^3, 15, 30\})$	6552
30	$\mathcal{O}(0; \{2^2, 3, 5, 10, 15^2, 30\})$	1224
30	$\mathcal{O}(0; \{5, 6^2, 10, 15^2, 30\})$	2040
30	$\mathcal{O}(0; \{3, 10^3, 15^2, 30\})$	4920
30	$\mathcal{O}(0; \{5^2, 6, 15^3, 30\})$	8200
30	$\mathcal{O}(0; \{2^3, 15^4, 30\})$	2040
30	$\mathcal{O}(0; \{3, 6, 15^4, 30\})$	8568
30	$\mathcal{O}(0; \{2^4, 3, 5^2, 30^2\})$	104
30	$\mathcal{O}(0; \{3^4, 5^2, 30^2\})$	1144
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 6, 30^2\})$	520
30	$\mathcal{O}(0; \{2^2, 5^2, 6^2, 30^2\})$	312
30	$\mathcal{O}(0; \{2^2, 3, 5, 10^2, 30^2\})$	408
30	$\mathcal{O}(0; \{5, 6^2, 10^2, 30^2\})$	1224
30	$\mathcal{O}(0; \{3, 10^4, 30^2\})$	1640
30	$\mathcal{O}(0; \{2^4, 3^2, 15, 30^2\})$	120
30	$\mathcal{O}(0; \{3^5, 15, 30^2\})$	1032
30	$\mathcal{O}(0; \{2^5, 6, 15, 30^2\})$	72
30	$\mathcal{O}(0; \{2, 3^3, 6, 15, 30^2\})$	504
30	$\mathcal{O}(0; \{2^2, 3, 6^2, 15, 30^2\})$	264
30	$\mathcal{O}(0; \{6^4, 15, 30^2\})$	504
30	$\mathcal{O}(0; \{5^2, 6, 10, 15, 30^2\})$	4920
30	$\mathcal{O}(0; \{5^3, 15^2, 30^2\})$	19656
30	$\mathcal{O}(0; \{2^3, 10, 15^2, 30^2\})$	1224
30	$\mathcal{O}(0; \{3, 6, 10, 15^2, 30^2\})$	4488
30	$\mathcal{O}(0; \{3, 5, 15^3, 30^2\})$	18040
30	$\mathcal{O}(0; \{2^5, 5, 30^3\})$	104
30	$\mathcal{O}(0; \{2, 3^3, 5, 30^3\})$	1144
30	$\mathcal{O}(0; \{2^2, 3, 5, 6, 30^3\})$	520
30	$\mathcal{O}(0; \{5, 6^3, 30^3\})$	1144
30	$\mathcal{O}(0; \{5^3, 10, 30^3\})$	6552

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^3, 10^2, 30^3\})$	408
30	$\mathcal{O}(0; \{3, 6, 10^2, 30^3\})$	2040
30	$\mathcal{O}(0; \{3, 5, 10, 15, 30^3\})$	8200
30	$\mathcal{O}(0; \{2, 15^3, 30^3\})$	18040
30	$\mathcal{O}(0; \{2^2, 3^2, 30^4\})$	1144
30	$\mathcal{O}(0; \{2^3, 6, 30^4\})$	520
30	$\mathcal{O}(0; \{3, 6^2, 30^4\})$	2184
30	$\mathcal{O}(0; \{2, 10, 15, 30^4\})$	8200
32	$\mathcal{O}(2; \{32^2\})$	16777216
32	$\mathcal{O}(1; \{2^4, 32^2\})$	16384
32	$\mathcal{O}(1; \{2, 4^2, 32^2\})$	65536
32	$\mathcal{O}(0; \{2^8, 32^2\})$	16
32	$\mathcal{O}(0; \{2^5, 4^2, 32^2\})$	64
32	$\mathcal{O}(0; \{2^2, 4^4, 32^2\})$	256
32	$\mathcal{O}(0; \{2^3, 4, 8^2, 32^2\})$	512
32	$\mathcal{O}(0; \{4^3, 8^2, 32^2\})$	2048
32	$\mathcal{O}(0; \{2, 8^4, 32^2\})$	4096
32	$\mathcal{O}(0; \{2, 4, 8, 16^2, 32^2\})$	8192
33	$\mathcal{O}(2; \{11^2\})$	11712800
33	$\mathcal{O}(1; \{3^3, 11^2\})$	21780
33	$\mathcal{O}(1; \{11, 33^3\})$	1981980
33	$\mathcal{O}(0; \{3^6, 11^2\})$	220
33	$\mathcal{O}(0; \{3^3, 11, 33^3\})$	20020
33	$\mathcal{O}(0; \{33^6\})$	2000020
34	$\mathcal{O}(0; \{2^2, 17^5\})$	61680
34	$\mathcal{O}(0; \{17^4, 34^2\})$	986896
35	$\mathcal{O}(2; \{5^2\})$	6000000
35	$\mathcal{O}(1; \{5, 7, 35^2\})$	441000
35	$\mathcal{O}(0; \{7^2, 35^4\})$	346632
36	$\mathcal{O}(2; \{4^2\})$	3317760
36	$\mathcal{O}(1; \{2^4, 4^2\})$	2304
36	$\mathcal{O}(1; \{3^3, 4^2\})$	4608
36	$\mathcal{O}(1; \{2, 4^4\})$	9216
36	$\mathcal{O}(1; \{2, 3, 4^2, 6\})$	4608
36	$\mathcal{O}(1; \{2, 3^2, 4, 12\})$	4608
36	$\mathcal{O}(1; \{2^2, 4, 6, 12\})$	4608
36	$\mathcal{O}(1; \{2^2, 3, 12^2\})$	4608
36	$\mathcal{O}(1; \{6^2, 12^2\})$	13824
36	$\mathcal{O}(1; \{4, 12^3\})$	18432
36	$\mathcal{O}(1; \{4, 9, 12, 18\})$	31104
36	$\mathcal{O}(1; \{4, 9^2, 36\})$	46656
36	$\mathcal{O}(1; \{4, 6, 18, 36\})$	31104
36	$\mathcal{O}(1; \{3, 12, 18, 36\})$	62208

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{3, 9, 36^2\})$	93312
36	$\mathcal{O}(0; \{3^2, 4^2, 9^3\})$	144
36	$\mathcal{O}(0; \{2, 4^2, 6, 9^3\})$	72
36	$\mathcal{O}(0; \{2, 3, 4, 9^3, 12\})$	144
36	$\mathcal{O}(0; \{2^2, 9^3, 12^2\})$	144
36	$\mathcal{O}(0; \{2^3, 3, 4^2, 9, 18\})$	24
36	$\mathcal{O}(0; \{3, 4^4, 9, 18\})$	96
36	$\mathcal{O}(0; \{3^2, 4^2, 6, 9, 18\})$	96
36	$\mathcal{O}(0; \{2, 4^2, 6^2, 9, 18\})$	48
36	$\mathcal{O}(0; \{2^4, 4, 9, 12, 18\})$	24
36	$\mathcal{O}(0; \{3^3, 4, 9, 12, 18\})$	192
36	$\mathcal{O}(0; \{2, 4^3, 9, 12, 18\})$	96
36	$\mathcal{O}(0; \{2, 3, 4, 6, 9, 12, 18\})$	96
36	$\mathcal{O}(0; \{2, 3^2, 9, 12^2, 18\})$	192
36	$\mathcal{O}(0; \{2^2, 6, 9, 12^2, 18\})$	96
36	$\mathcal{O}(0; \{9, 12^4, 18\})$	768
36	$\mathcal{O}(0; \{9^2, 12^2, 18^2\})$	1296
36	$\mathcal{O}(0; \{2, 3, 4^2, 18^3\})$	72
36	$\mathcal{O}(0; \{2^2, 4, 12, 18^3\})$	72
36	$\mathcal{O}(0; \{6, 12^2, 18^3\})$	288
36	$\mathcal{O}(0; \{2^4, 4, 9^2, 36\})$	36
36	$\mathcal{O}(0; \{3^3, 4, 9^2, 36\})$	288
36	$\mathcal{O}(0; \{2, 4^3, 9^2, 36\})$	144
36	$\mathcal{O}(0; \{2, 3, 4, 6, 9^2, 36\})$	144
36	$\mathcal{O}(0; \{2, 3^2, 9^2, 12, 36\})$	288
36	$\mathcal{O}(0; \{2^2, 6, 9^2, 12, 36\})$	144
36	$\mathcal{O}(0; \{9^2, 12^3, 36\})$	1152
36	$\mathcal{O}(0; \{2^3, 3^2, 4, 18, 36\})$	48
36	$\mathcal{O}(0; \{3^2, 4^3, 18, 36\})$	192
36	$\mathcal{O}(0; \{2^4, 4, 6, 18, 36\})$	24
36	$\mathcal{O}(0; \{3^3, 4, 6, 18, 36\})$	192
36	$\mathcal{O}(0; \{2, 4^3, 6, 18, 36\})$	96
36	$\mathcal{O}(0; \{2, 3, 4, 6^2, 18, 36\})$	96
36	$\mathcal{O}(0; \{2^4, 3, 12, 18, 36\})$	48
36	$\mathcal{O}(0; \{3^4, 12, 18, 36\})$	384
36	$\mathcal{O}(0; \{2, 3, 4^2, 12, 18, 36\})$	192
36	$\mathcal{O}(0; \{2, 3^2, 6, 12, 18, 36\})$	192
36	$\mathcal{O}(0; \{2^2, 6^2, 12, 18, 36\})$	96
36	$\mathcal{O}(0; \{9^3, 12, 18, 36\})$	3240
36	$\mathcal{O}(0; \{2^2, 4, 12^2, 18, 36\})$	192
36	$\mathcal{O}(0; \{6, 12^3, 18, 36\})$	768
36	$\mathcal{O}(0; \{2^2, 4, 9, 18^2, 36\})$	324
36	$\mathcal{O}(0; \{6, 9, 12, 18^2, 36\})$	1296

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{4, 18^4, 36\})$	1620
36	$\mathcal{O}(0; \{2^4, 3, 9, 36^2\})$	72
36	$\mathcal{O}(0; \{3^4, 9, 36^2\})$	576
36	$\mathcal{O}(0; \{2, 3, 4^2, 9, 36^2\})$	288
36	$\mathcal{O}(0; \{2, 3^2, 6, 9, 36^2\})$	288
36	$\mathcal{O}(0; \{2^2, 6^2, 9, 36^2\})$	144
36	$\mathcal{O}(0; \{9^4, 36^2\})$	10692
36	$\mathcal{O}(0; \{2^2, 4, 9, 12, 36^2\})$	288
36	$\mathcal{O}(0; \{6, 9, 12^2, 36^2\})$	1152
36	$\mathcal{O}(0; \{6, 9^2, 18, 36^2\})$	3240
36	$\mathcal{O}(0; \{2^2, 3, 18^2, 36^2\})$	648
36	$\mathcal{O}(0; \{6^2, 18^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{4, 12, 18^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{2, 3^2, 4, 36^3\})$	576
36	$\mathcal{O}(0; \{2^2, 4, 6, 36^3\})$	288
36	$\mathcal{O}(0; \{2^2, 3, 12, 36^3\})$	576
36	$\mathcal{O}(0; \{6^2, 12, 36^3\})$	1152
36	$\mathcal{O}(0; \{4, 12^2, 36^3\})$	2304
36	$\mathcal{O}(0; \{4, 9, 18, 36^3\})$	6480
36	$\mathcal{O}(0; \{3, 18, 36^4\})$	12960
38	$\mathcal{O}(0; \{2^3, 19^3, 38\})$	5526
38	$\mathcal{O}(0; \{2, 19^2, 38^3\})$	99450
39	$\mathcal{O}(1; \{3^2, 13, 39\})$	36504
39	$\mathcal{O}(0; \{3^5, 13, 39\})$	264
39	$\mathcal{O}(0; \{3^2, 39^4\})$	35112
40	$\mathcal{O}(1; \{2, 5, 8, 40\})$	25600
40	$\mathcal{O}(0; \{2^2, 5^3, 8^2\})$	48
40	$\mathcal{O}(0; \{5^2, 8^2, 10^2\})$	208
40	$\mathcal{O}(0; \{4, 5, 8^2, 10, 20\})$	192
40	$\mathcal{O}(0; \{2^3, 8^2, 20^2\})$	64
40	$\mathcal{O}(0; \{4^2, 8^2, 20^2\})$	256
40	$\mathcal{O}(0; \{2^5, 5, 8, 40\})$	16
40	$\mathcal{O}(0; \{2^2, 4^2, 5, 8, 40\})$	64
40	$\mathcal{O}(0; \{4, 5, 8^3, 40\})$	512
40	$\mathcal{O}(0; \{5^3, 8, 10, 40\})$	816
40	$\mathcal{O}(0; \{2^3, 8, 10^2, 40\})$	48
40	$\mathcal{O}(0; \{4^2, 8, 10^2, 40\})$	192
40	$\mathcal{O}(0; \{4, 5^2, 8, 20, 40\})$	832
40	$\mathcal{O}(0; \{2, 8, 10, 20^2, 40\})$	832
40	$\mathcal{O}(0; \{5^4, 40^2\})$	3280
40	$\mathcal{O}(0; \{2^3, 5, 10, 40^2\})$	208
40	$\mathcal{O}(0; \{4^2, 5, 10, 40^2\})$	832
40	$\mathcal{O}(0; \{2, 10^3, 40^2\})$	816

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{2^3, 4, 20, 40^2\})$	192
40	$\mathcal{O}(0; \{4^3, 20, 40^2\})$	768
40	$\mathcal{O}(0; \{2, 8^2, 20, 40^2\})$	1536
40	$\mathcal{O}(0; \{2, 5, 20^2, 40^2\})$	3264
40	$\mathcal{O}(0; \{2, 4, 40^4\})$	6656
42	$\mathcal{O}(2; \{2^2\})$	3072000
42	$\mathcal{O}(1; \{2^6\})$	1536
42	$\mathcal{O}(1; \{2^2, 3^3\})$	3456
42	$\mathcal{O}(1; \{2^3, 3, 6\})$	3456
42	$\mathcal{O}(1; \{3^2, 6^2\})$	10368
42	$\mathcal{O}(1; \{2, 6^3\})$	3456
42	$\mathcal{O}(1; \{2, 3, 7, 42\})$	21168
42	$\mathcal{O}(0; \{3, 6, 7^3, 14\})$	372
42	$\mathcal{O}(0; \{2^2, 3^2, 7^2, 21\})$	60
42	$\mathcal{O}(0; \{2^3, 6, 7^2, 21\})$	60
42	$\mathcal{O}(0; \{3, 6^2, 7^2, 21\})$	180
42	$\mathcal{O}(0; \{3^2, 7, 14^2, 21\})$	372
42	$\mathcal{O}(0; \{2, 6, 7, 14^2, 21\})$	372
42	$\mathcal{O}(0; \{2^3, 3, 14, 21^2\})$	60
42	$\mathcal{O}(0; \{3^2, 6, 14, 21^2\})$	300
42	$\mathcal{O}(0; \{2, 6^2, 14, 21^2\})$	180
42	$\mathcal{O}(0; \{2^5, 3, 7, 42\})$	12
42	$\mathcal{O}(0; \{2, 3^4, 7, 42\})$	60
42	$\mathcal{O}(0; \{2^2, 3^2, 6, 7, 42\})$	36
42	$\mathcal{O}(0; \{2^3, 6^2, 7, 42\})$	12
42	$\mathcal{O}(0; \{3, 6^3, 7, 42\})$	60
42	$\mathcal{O}(0; \{2^3, 3, 14^2, 42\})$	60
42	$\mathcal{O}(0; \{3^2, 6, 14^2, 42\})$	180
42	$\mathcal{O}(0; \{2, 6^2, 14^2, 42\})$	60
42	$\mathcal{O}(0; \{2, 7^3, 21, 42\})$	2220
42	$\mathcal{O}(0; \{2, 3, 21^3, 42\})$	1860
42	$\mathcal{O}(0; \{3^2, 7^2, 42^2\})$	1116
42	$\mathcal{O}(0; \{2, 6, 7^2, 42^2\})$	372
42	$\mathcal{O}(0; \{2, 3, 14, 21, 42^2\})$	1116
43	$\mathcal{O}(1; \{43^3\})$	3183978
44	$\mathcal{O}(1; \{11, 44^2\})$	348480
44	$\mathcal{O}(0; \{2^3, 4^2, 11, 22\})$	20
44	$\mathcal{O}(0; \{4^4, 11, 22\})$	80
44	$\mathcal{O}(0; \{2, 4^2, 22^3\})$	180
44	$\mathcal{O}(0; \{2^4, 11, 44^2\})$	180
44	$\mathcal{O}(0; \{2, 4^2, 11, 44^2\})$	720
44	$\mathcal{O}(0; \{2^2, 22^2, 44^2\})$	1820
44	$\mathcal{O}(0; \{22, 44^4\})$	72720

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
45	$\mathcal{O}(1; \{15^3\})$	43200
45	$\mathcal{O}(1; \{9, 15, 45\})$	97200
45	$\mathcal{O}(0; \{3^2, 5^2, 9, 45\})$	288
45	$\mathcal{O}(0; \{3^3, 9, 15, 45\})$	384
45	$\mathcal{O}(0; \{15^2, 45^3\})$	14688
45	$\mathcal{O}(0; \{9, 45^4\})$	42120
48	$\mathcal{O}(1; \{4, 16^2\})$	32768
48	$\mathcal{O}(1; \{3, 48^2\})$	36864
48	$\mathcal{O}(0; \{3^3, 4, 16^2\})$	32
48	$\mathcal{O}(0; \{2, 3, 4, 6, 16^2\})$	32
48	$\mathcal{O}(0; \{2, 3^2, 12, 16^2\})$	32
48	$\mathcal{O}(0; \{2^2, 6, 12, 16^2\})$	32
48	$\mathcal{O}(0; \{12^3, 16^2\})$	128
48	$\mathcal{O}(0; \{8, 12, 16^2, 24\})$	512
48	$\mathcal{O}(0; \{6, 16^2, 24^2\})$	256
48	$\mathcal{O}(0; \{2, 3^2, 8, 16, 48\})$	64
48	$\mathcal{O}(0; \{2^2, 6, 8, 16, 48\})$	64
48	$\mathcal{O}(0; \{8, 12^2, 16, 48\})$	256
48	$\mathcal{O}(0; \{6, 16^3, 48\})$	1024
48	$\mathcal{O}(0; \{2^2, 4, 16, 24, 48\})$	128
48	$\mathcal{O}(0; \{8^2, 16, 24, 48\})$	1024
48	$\mathcal{O}(0; \{6, 12, 16, 24, 48\})$	384
48	$\mathcal{O}(0; \{2^4, 3, 48^2\})$	16
48	$\mathcal{O}(0; \{3^4, 48^2\})$	176
48	$\mathcal{O}(0; \{2, 3, 4^2, 48^2\})$	64
48	$\mathcal{O}(0; \{2, 3^2, 6, 48^2\})$	80
48	$\mathcal{O}(0; \{2^2, 6^2, 48^2\})$	48
48	$\mathcal{O}(0; \{2^2, 4, 12, 48^2\})$	64
48	$\mathcal{O}(0; \{8^2, 12, 48^2\})$	512
48	$\mathcal{O}(0; \{6, 12^2, 48^2\})$	320
48	$\mathcal{O}(0; \{6, 8, 24, 48^2\})$	768
48	$\mathcal{O}(0; \{4, 24^2, 48^2\})$	1536
48	$\mathcal{O}(0; \{4, 16, 48^3\})$	2048
49	$\mathcal{O}(1; \{7^3\})$	70560
50	$\mathcal{O}(0; \{2^2, 5^2, 25^2\})$	320
50	$\mathcal{O}(0; \{5, 10^2, 25^2\})$	1280
50	$\mathcal{O}(0; \{5^2, 25, 50^2\})$	4800
51	$\mathcal{O}(0; \{3, 17^3, 51\})$	7712
52	$\mathcal{O}(0; \{2^2, 4^2, 26^2\})$	24
52	$\mathcal{O}(0; \{2^3, 26, 52^2\})$	264
52	$\mathcal{O}(0; \{4^2, 26, 52^2\})$	1056
52	$\mathcal{O}(0; \{2, 52^4\})$	12768
54	$\mathcal{O}(1; \{2^2, 3^2\})$	5184

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
54	$\mathcal{O}(1; \{3, 6^2\})$	5184
54	$\mathcal{O}(1; \{2, 9, 18\})$	15552
54	$\mathcal{O}(0; \{2, 18, 27^3\})$	972
54	$\mathcal{O}(0; \{2^3, 9, 27, 54\})$	108
54	$\mathcal{O}(0; \{3, 6, 9, 27, 54\})$	432
54	$\mathcal{O}(0; \{2, 18^2, 27, 54\})$	648
54	$\mathcal{O}(0; \{2, 9, 54^3\})$	972
55	$\mathcal{O}(0; \{5^3, 11, 55\})$	520
56	$\mathcal{O}(1; \{2, 8^2\})$	12288
56	$\mathcal{O}(0; \{2, 8, 14, 28, 56\})$	240
56	$\mathcal{O}(0; \{2, 7, 14, 56^2\})$	744
57	$\mathcal{O}(0; \{3^2, 19^2, 57\})$	612
60	$\mathcal{O}(0; \{4, 5^2, 6, 12\})$	16
60	$\mathcal{O}(0; \{3, 5^2, 12^2\})$	16
60	$\mathcal{O}(0; \{3, 4, 6, 10, 20\})$	16
60	$\mathcal{O}(0; \{3^2, 10, 12, 20\})$	16
60	$\mathcal{O}(0; \{2, 6, 10, 12, 20\})$	16
60	$\mathcal{O}(0; \{3, 4, 5, 15, 20\})$	48
60	$\mathcal{O}(0; \{2, 5, 12, 15, 20\})$	48
60	$\mathcal{O}(0; \{4^2, 5, 6, 30\})$	16
60	$\mathcal{O}(0; \{3, 4, 5, 12, 30\})$	16
60	$\mathcal{O}(0; \{2, 5, 12^2, 30\})$	16
60	$\mathcal{O}(0; \{2, 4, 15, 20, 30\})$	48
60	$\mathcal{O}(0; \{3, 4^2, 30^2\})$	16
60	$\mathcal{O}(0; \{2, 4, 12, 30^2\})$	16
60	$\mathcal{O}(0; \{3, 4, 5, 10, 60\})$	48
60	$\mathcal{O}(0; \{2, 5, 10, 12, 60\})$	48
60	$\mathcal{O}(0; \{2, 4, 15^2, 60\})$	48
60	$\mathcal{O}(0; \{2^3, 3, 20, 60\})$	16
60	$\mathcal{O}(0; \{3, 4^2, 20, 60\})$	64
60	$\mathcal{O}(0; \{3^2, 6, 20, 60\})$	48
60	$\mathcal{O}(0; \{2, 6^2, 20, 60\})$	16
60	$\mathcal{O}(0; \{2, 4, 12, 20, 60\})$	64
60	$\mathcal{O}(0; \{2, 4, 10, 30, 60\})$	48
60	$\mathcal{O}(0; \{3^2, 5, 60^2\})$	144
60	$\mathcal{O}(0; \{2, 5, 6, 60^2\})$	48
60	$\mathcal{O}(0; \{2, 3, 30, 60^2\})$	144
63	$\mathcal{O}(2; \emptyset)$	15552000
63	$\mathcal{O}(1; \{3^3\})$	6912
64	$\mathcal{O}(1; \{64^2\})$	131072
64	$\mathcal{O}(0; \{2^4, 64^2\})$	32
64	$\mathcal{O}(0; \{2, 4^2, 64^2\})$	128
65	$\mathcal{O}(0; \{65^4\})$	82992

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
66	$\mathcal{O}(1; \{22^2\})$	38720
66	$\mathcal{O}(0; \{3^3, 22^2\})$	20
66	$\mathcal{O}(0; \{2, 3, 6, 22^2\})$	20
66	$\mathcal{O}(0; \{2^2, 33^3\})$	180
66	$\mathcal{O}(0; \{2^2, 22, 33, 66\})$	180
66	$\mathcal{O}(0; \{33^2, 66^2\})$	5460
66	$\mathcal{O}(0; \{22, 66^3\})$	1820
68	$\mathcal{O}(0; \{17^2, 68^2\})$	7712
70	$\mathcal{O}(1; \{10^2\})$	19200
70	$\mathcal{O}(0; \{2^2, 10, 14, 35\})$	24
70	$\mathcal{O}(0; \{2^2, 7, 35^2\})$	120
70	$\mathcal{O}(0; \{14^2, 35^2\})$	744
70	$\mathcal{O}(0; \{10, 14, 70^2\})$	360
70	$\mathcal{O}(0; \{7, 35, 70^2\})$	2232
72	$\mathcal{O}(1; \{8^2\})$	18432
72	$\mathcal{O}(0; \{9, 18, 24^2\})$	96
72	$\mathcal{O}(0; \{8, 18, 24, 36\})$	96
72	$\mathcal{O}(0; \{2^2, 8, 9, 72\})$	24
72	$\mathcal{O}(0; \{8, 18^2, 72\})$	72
72	$\mathcal{O}(0; \{9, 12, 24, 72\})$	192
72	$\mathcal{O}(0; \{8, 12, 36, 72\})$	192
72	$\mathcal{O}(0; \{6, 24, 36, 72\})$	192
72	$\mathcal{O}(0; \{9^2, 72^2\})$	648
72	$\mathcal{O}(0; \{6, 18, 72^2\})$	144
75	$\mathcal{O}(0; \{5, 15, 25, 75\})$	640
76	$\mathcal{O}(0; \{4, 19, 38, 76\})$	612
78	$\mathcal{O}(0; \{2^2, 3, 39^2\})$	24
78	$\mathcal{O}(0; \{6^2, 39^2\})$	72
78	$\mathcal{O}(0; \{2^2, 3, 26, 78\})$	24
78	$\mathcal{O}(0; \{6^2, 26, 78\})$	24
78	$\mathcal{O}(0; \{3, 39, 78^2\})$	792
80	$\mathcal{O}(0; \{5, 10, 16^2\})$	32
80	$\mathcal{O}(0; \{4, 10, 16, 80\})$	64
80	$\mathcal{O}(0; \{5^2, 80^2\})$	416
84	$\mathcal{O}(1; \{4^2\})$	12288
84	$\mathcal{O}(0; \{4, 6, 21, 28\})$	24
84	$\mathcal{O}(0; \{3, 12, 21, 28\})$	24
84	$\mathcal{O}(0; \{4, 7, 12, 42\})$	24
84	$\mathcal{O}(0; \{4, 6, 14, 84\})$	24
84	$\mathcal{O}(0; \{3, 12, 14, 84\})$	24
84	$\mathcal{O}(0; \{3, 7, 84^2\})$	120
85	$\mathcal{O}(0; \{5^2, 17^2\})$	64
86	$\mathcal{O}(0; \{2^3, 43, 86\})$	42

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
86	$\mathcal{O}(0; \{2, 86^3\})$	1722
88	$\mathcal{O}(0; \{2, 22, 88^2\})$	360
90	$\mathcal{O}(0; \{2, 18, 45^2\})$	72
90	$\mathcal{O}(0; \{3, 5, 18, 90\})$	48
90	$\mathcal{O}(0; \{2, 18, 30, 90\})$	48
90	$\mathcal{O}(0; \{2, 15, 45, 90\})$	144
96	$\mathcal{O}(0; \{3^2, 96^2\})$	96
96	$\mathcal{O}(0; \{2, 6, 96^2\})$	32
114	$\mathcal{O}(0; \{2, 3, 19, 114\})$	36
126	$\mathcal{O}(1; \{2^2\})$	13824
128	$\mathcal{O}(0; \{2^2, 128^2\})$	64
129	$\mathcal{O}(0; \{129^3\})$	3444
130	$\mathcal{O}(0; \{2^2, 65^2\})$	48
130	$\mathcal{O}(0; \{65, 130^2\})$	1584
132	$\mathcal{O}(0; \{44, 66, 132\})$	360
132	$\mathcal{O}(0; \{33, 132^2\})$	360
135	$\mathcal{O}(0; \{27, 45, 135\})$	432
136	$\mathcal{O}(0; \{17, 136^2\})$	960
140	$\mathcal{O}(0; \{20, 28, 70\})$	48
144	$\mathcal{O}(0; \{16, 18, 144\})$	48
144	$\mathcal{O}(0; \{9, 144^2\})$	144
153	$\mathcal{O}(0; \{9, 17, 153\})$	96
156	$\mathcal{O}(0; \{6, 52, 156\})$	48
160	$\mathcal{O}(0; \{5, 160^2\})$	192
165	$\mathcal{O}(0; \{5, 33, 165\})$	80
172	$\mathcal{O}(0; \{4, 86, 172\})$	84
192	$\mathcal{O}(0; \{3, 192^2\})$	64
195	$\mathcal{O}(0; \{3, 65, 195\})$	96
256	$\mathcal{O}(0; \{2, 256^2\})$	128
258	$\mathcal{O}(0; \{2, 129, 258\})$	84

Table 5: 65-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(65; \emptyset)$	1
2	$\mathcal{O}(33; \emptyset)$	73786976294838206463
2	$\mathcal{O}(32; \{2^4\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^8\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{12}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{16}\})$	288230376151711744
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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(28; \{2^{20}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{24}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{28}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{32}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{36}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{40}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{44}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{48}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{52}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{56}\})$	274877906944
2	$\mathcal{O}(18; \{2^{60}\})$	68719476736
2	$\mathcal{O}(17; \{2^{64}\})$	17179869184
2	$\mathcal{O}(16; \{2^{68}\})$	4294967296
2	$\mathcal{O}(15; \{2^{72}\})$	1073741824
2	$\mathcal{O}(14; \{2^{76}\})$	268435456
2	$\mathcal{O}(13; \{2^{80}\})$	67108864
2	$\mathcal{O}(12; \{2^{84}\})$	16777216
2	$\mathcal{O}(11; \{2^{88}\})$	4194304
2	$\mathcal{O}(10; \{2^{92}\})$	1048576
2	$\mathcal{O}(9; \{2^{96}\})$	262144
2	$\mathcal{O}(8; \{2^{100}\})$	65536
2	$\mathcal{O}(7; \{2^{104}\})$	16384
2	$\mathcal{O}(6; \{2^{108}\})$	4096
2	$\mathcal{O}(5; \{2^{112}\})$	1024
2	$\mathcal{O}(4; \{2^{116}\})$	256
2	$\mathcal{O}(3; \{2^{120}\})$	64
2	$\mathcal{O}(2; \{2^{124}\})$	16
2	$\mathcal{O}(1; \{2^{128}\})$	4
2	$\mathcal{O}(0; \{2^{132}\})$	1
3	$\mathcal{O}(21; \{3^4\})$	656513934789074155254
3	$\mathcal{O}(20; \{3^7\})$	510621949280391009642
3	$\mathcal{O}(19; \{3^{10}\})$	461991287444163294438
3	$\mathcal{O}(18; \{3^{13}\})$	409758354360807600330
3	$\mathcal{O}(17; \{3^{16}\})$	364329711410915866374
3	$\mathcal{O}(16; \{3^{19}\})$	323837514244125436842
3	$\mathcal{O}(15; \{3^{22}\})$	287856803563792956198
3	$\mathcal{O}(14; \{3^{25}\})$	255872577018172342410
3	$\mathcal{O}(13; \{3^{28}\})$	227442305934014829894
3	$\mathcal{O}(12; \{3^{31}\})$	202170936913435963242
3	$\mathcal{O}(11; \{3^{34}\})$	179707499666896102758
3	$\mathcal{O}(10; \{3^{37}\})$	159739999682986940490
3	$\mathcal{O}(9; \{3^{40}\})$	141991110831646247814
3	$\mathcal{O}(8; \{3^{43}\})$	126214320738982828842

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(7; \{3^{46}\})$	112190507323568990118
3	$\mathcal{O}(6; \{3^{49}\})$	99724895398724802570
3	$\mathcal{O}(5; \{3^{52}\})$	88644351465533512134
3	$\mathcal{O}(4; \{3^{55}\})$	78794979080474193642
3	$\mathcal{O}(3; \{3^{58}\})$	70039981404865954278
3	$\mathcal{O}(2; \{3^{61}\})$	62257761248769736650
3	$\mathcal{O}(1; \{3^{64}\})$	55340232221128654854
3	$\mathcal{O}(0; \{3^{67}\})$	49191317529892137642
4	$\mathcal{O}(17; \emptyset)$	295147905162172956672
4	$\mathcal{O}(16; \{2^4\})$	18446744069414584320
4	$\mathcal{O}(16; \{2, 4^2\})$	36893488147419103232
4	$\mathcal{O}(15; \{2^8\})$	1152921503533105152
4	$\mathcal{O}(15; \{2^5, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2^2, 4^4\})$	9223372036854775808
4	$\mathcal{O}(14; \{2^{12}\})$	72057593769492480
4	$\mathcal{O}(14; \{2^9, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^6, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^3, 4^6\})$	2305843009213693952
4	$\mathcal{O}(14; \{4^8\})$	9223372036854775808
4	$\mathcal{O}(13; \{2^{16}\})$	4503599560261632
4	$\mathcal{O}(13; \{2^{13}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^{10}, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^7, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^4, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{2, 4^{10}\})$	2305843009213693952
4	$\mathcal{O}(12; \{2^{20}\})$	281474959933440
4	$\mathcal{O}(12; \{2^{17}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{14}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{11}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^8, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^5, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2^2, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(11; \{2^{24}\})$	17592181850112
4	$\mathcal{O}(11; \{2^{21}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{18}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{15}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{12}, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^9, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^6, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(11; \{2^3, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(11; \{4^{16}\})$	576460752303423488
4	$\mathcal{O}(10; \{2^{28}\})$	1099510579200
4	$\mathcal{O}(10; \{2^{25}, 4^2\})$	2199023255552

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(10; \{2^{22}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{19}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{16}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^{13}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^{10}, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^7, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^4, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(10; \{2, 4^{18}\})$	144115188075855872
4	$\mathcal{O}(9; \{2^{32}\})$	68719214592
4	$\mathcal{O}(9; \{2^{29}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{26}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{23}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{20}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{17}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{14}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^{11}, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^8, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^5, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(9; \{2^2, 4^{20}\})$	36028797018963968
4	$\mathcal{O}(8; \{2^{36}\})$	4294901760
4	$\mathcal{O}(8; \{2^{33}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{30}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{27}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{24}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{21}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{18}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{15}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^{12}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^9, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^6, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^3, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(8; \{4^{24}\})$	36028797018963968
4	$\mathcal{O}(7; \{2^{40}\})$	268419072
4	$\mathcal{O}(7; \{2^{37}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{34}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{31}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{28}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{25}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{22}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{19}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{16}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{13}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^{10}, 4^{20}\})$	140737488355328

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(O), \mathbb{Z}_\ell)$
4	$\mathcal{O}(7; \{2^7, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^4, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(7; \{2, 4^{26}\})$	9007199254740992
4	$\mathcal{O}(6; \{2^{44}\})$	16773120
4	$\mathcal{O}(6; \{2^{41}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{38}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{35}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{32}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{29}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{26}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{23}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{20}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{17}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{14}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{11}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^8, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^5, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2^2, 4^{28}\})$	2251799813685248
4	$\mathcal{O}(5; \{2^{48}\})$	1047552
4	$\mathcal{O}(5; \{2^{45}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{42}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{39}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{36}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{33}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{30}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{27}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{24}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{21}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{18}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{15}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{12}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^9, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^6, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2^3, 4^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{4^{32}\})$	2251799813685248
4	$\mathcal{O}(4; \{2^{52}\})$	65280
4	$\mathcal{O}(4; \{2^{49}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{46}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{43}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{40}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{37}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{34}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{31}, 4^{14}\})$	536870912

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(4; \{2^{28}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{25}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{22}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{19}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{16}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{13}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^{10}, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^7, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^4, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{2, 4^{34}\})$	562949953421312
4	$\mathcal{O}(3; \{2^{56}\})$	4032
4	$\mathcal{O}(3; \{2^{53}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{50}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{47}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{44}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{41}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{38}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{35}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{32}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{29}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{26}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{23}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{20}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{17}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{14}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{11}, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^8, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^5, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{2^2, 4^{36}\})$	140737488355328
4	$\mathcal{O}(2; \{2^{60}\})$	240
4	$\mathcal{O}(2; \{2^{57}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{54}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{51}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{48}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{45}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{42}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{39}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{36}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{33}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{30}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{27}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{24}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{21}, 4^{26}\})$	8589934592

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(2; \{2^{18}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{15}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{12}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^9, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^6, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^3, 4^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{4^{40}\})$	140737488355328
4	$\mathcal{O}(1; \{2^{64}\})$	12
4	$\mathcal{O}(1; \{2^{61}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{58}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{55}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{52}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{49}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{46}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{43}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{40}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{37}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{34}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{31}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{28}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{25}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{22}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{19}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{16}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{13}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^{10}, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^7, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^4, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{2, 4^{42}\})$	35184372088832
4	$\mathcal{O}(0; \{2^{65}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{62}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{59}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{56}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{53}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{50}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{47}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{44}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{41}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{38}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{35}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{32}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{29}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{26}, 4^{28}\})$	134217728

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(O), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{2^{23}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{20}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{17}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{14}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{11}, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^8, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^5, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2^2, 4^{44}\})$	8796093022208
5	$\mathcal{O}(13; \{5^2\})$	5960464477539062500
5	$\mathcal{O}(11; \{5^7\})$	7810592651367187500
5	$\mathcal{O}(9; \{5^{12}\})$	12800003051757812500
5	$\mathcal{O}(7; \{5^{17}\})$	20971519995117187500
5	$\mathcal{O}(5; \{5^{22}\})$	34359738368007812500
5	$\mathcal{O}(3; \{5^{27}\})$	56294995342131187500
5	$\mathcal{O}(1; \{5^{32}\})$	92233720368547758100
6	$\mathcal{O}(11; \{3^2\})$	263243344922415054
6	$\mathcal{O}(10; \{2^4, 3^2\})$	7312316880125952
6	$\mathcal{O}(10; \{3^5\})$	36561549532785750
6	$\mathcal{O}(10; \{2, 3^3, 6\})$	21936950640377856
6	$\mathcal{O}(10; \{2^2, 3, 6^2\})$	7312316880125952
6	$\mathcal{O}(10; \{6^4\})$	21936950640377856
6	$\mathcal{O}(9; \{2^8, 3^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^4, 3^5\})$	1015599566684160
6	$\mathcal{O}(9; \{3^8\})$	8734122955321722
6	$\mathcal{O}(9; \{2^5, 3^3, 6\})$	609359740010496
6	$\mathcal{O}(9; \{2, 3^6, 6\})$	4265518180073472
6	$\mathcal{O}(9; \{2^6, 3, 6^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^2, 3^4, 6^2\})$	2234319046705152
6	$\mathcal{O}(9; \{2^3, 3^2, 6^3\})$	1015599566684160
6	$\mathcal{O}(9; \{2^4, 6^4\})$	609359740010496
6	$\mathcal{O}(9; \{3^3, 6^4\})$	4265518180073472
6	$\mathcal{O}(9; \{2, 3, 6^5\})$	2234319046705152
6	$\mathcal{O}(8; \{2^{12}, 3^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^8, 3^5\})$	28211099074560
6	$\mathcal{O}(8; \{2^4, 3^8\})$	242615452041216
6	$\mathcal{O}(8; \{3^{11}\})$	1923967599021270
6	$\mathcal{O}(8; \{2^9, 3^3, 6\})$	16926659444736
6	$\mathcal{O}(8; \{2^5, 3^6, 6\})$	118486616113152
6	$\mathcal{O}(8; \{2, 3^9, 6\})$	964819588349952
6	$\mathcal{O}(8; \{2^{10}, 3, 6^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^6, 3^4, 6^2\})$	62064417964032
6	$\mathcal{O}(8; \{2^2, 3^7, 6^2\})$	479588684267520
6	$\mathcal{O}(8; \{2^7, 3^2, 6^3\})$	28211099074560

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(O), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{2^3, 3^5, 6^3\})$	242615452041216
6	$\mathcal{O}(8; \{2^8, 6^4\})$	16926659444736
6	$\mathcal{O}(8; \{2^4, 3^3, 6^4\})$	118486616113152
6	$\mathcal{O}(8; \{3^6, 6^4\})$	964819588349952
6	$\mathcal{O}(8; \{2^5, 3, 6^5\})$	62064417964032
6	$\mathcal{O}(8; \{2, 3^4, 6^5\})$	479588684267520
6	$\mathcal{O}(8; \{2^2, 3^2, 6^6\})$	242615452041216
6	$\mathcal{O}(8; \{2^3, 6^7\})$	118486616113152
6	$\mathcal{O}(8; \{3, 6^8\})$	479588684267520
6	$\mathcal{O}(7; \{2^{16}, 3^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{12}, 3^5\})$	783641640960
6	$\mathcal{O}(7; \{2^8, 3^8\})$	6739318112256
6	$\mathcal{O}(7; \{2^4, 3^{11}\})$	53444359913472
6	$\mathcal{O}(7; \{3^{14}\})$	427998939715674
6	$\mathcal{O}(7; \{2^{13}, 3^3, 6\})$	470184984576
6	$\mathcal{O}(7; \{2^9, 3^6, 6\})$	3291294892032
6	$\mathcal{O}(7; \{2^5, 3^9, 6\})$	26800544120832
6	$\mathcal{O}(7; \{2, 3^{12}, 6\})$	213934167982080
6	$\mathcal{O}(7; \{2^{14}, 3, 6^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{10}, 3^4, 6^2\})$	1724011610112
6	$\mathcal{O}(7; \{2^6, 3^7, 6^2\})$	13321907896320
6	$\mathcal{O}(7; \{2^2, 3^{10}, 6^2\})$	107045448155136
6	$\mathcal{O}(7; \{2^{11}, 3^2, 6^3\})$	783641640960
6	$\mathcal{O}(7; \{2^7, 3^5, 6^3\})$	6739318112256
6	$\mathcal{O}(7; \{2^3, 3^8, 6^3\})$	53444359913472
6	$\mathcal{O}(7; \{2^{12}, 6^4\})$	470184984576
6	$\mathcal{O}(7; \{2^8, 3^3, 6^4\})$	3291294892032
6	$\mathcal{O}(7; \{2^4, 3^6, 6^4\})$	26800544120832
6	$\mathcal{O}(7; \{3^9, 6^4\})$	213934167982080
6	$\mathcal{O}(7; \{2^9, 3, 6^5\})$	1724011610112
6	$\mathcal{O}(7; \{2^5, 3^4, 6^5\})$	13321907896320
6	$\mathcal{O}(7; \{2, 3^7, 6^5\})$	107045448155136
6	$\mathcal{O}(7; \{2^6, 3^2, 6^6\})$	6739318112256
6	$\mathcal{O}(7; \{2^2, 3^5, 6^6\})$	53444359913472
6	$\mathcal{O}(7; \{2^7, 6^7\})$	3291294892032
6	$\mathcal{O}(7; \{2^3, 3^3, 6^7\})$	26800544120832
6	$\mathcal{O}(7; \{2^4, 3, 6^8\})$	13321907896320
6	$\mathcal{O}(7; \{3^4, 6^8\})$	107045448155136
6	$\mathcal{O}(7; \{2, 3^2, 6^9\})$	53444359913472
6	$\mathcal{O}(7; \{2^2, 6^{10}\})$	26800544120832
6	$\mathcal{O}(6; \{2^{20}, 3^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{16}, 3^5\})$	21767823360
6	$\mathcal{O}(6; \{2^{12}, 3^8\})$	187203280896

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^8, 3^{11}\})$	1484565553152
6	$\mathcal{O}(6; \{2^4, 3^{14}\})$	11889585119232
6	$\mathcal{O}(6; \{3^{17}\})$	95080401602550
6	$\mathcal{O}(6; \{2^{17}, 3^3, 6\})$	13060694016
6	$\mathcal{O}(6; \{2^{13}, 3^6, 6\})$	91424858112
6	$\mathcal{O}(6; \{2^9, 3^9, 6\})$	744459558912
6	$\mathcal{O}(6; \{2^5, 3^{12}, 6\})$	5942615777280
6	$\mathcal{O}(6; \{2, 3^{15}, 6\})$	47553986912256
6	$\mathcal{O}(6; \{2^{18}, 3, 6^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{14}, 3^4, 6^2\})$	47889211392
6	$\mathcal{O}(6; \{2^{10}, 3^7, 6^2\})$	370052997120
6	$\mathcal{O}(6; \{2^6, 3^{10}, 6^2\})$	2973484670976
6	$\mathcal{O}(6; \{2^2, 3^{13}, 6^2\})$	23774816673792
6	$\mathcal{O}(6; \{2^{15}, 3^2, 6^3\})$	21767823360
6	$\mathcal{O}(6; \{2^{11}, 3^5, 6^3\})$	187203280896
6	$\mathcal{O}(6; \{2^7, 3^8, 6^3\})$	1484565553152
6	$\mathcal{O}(6; \{2^3, 3^{11}, 6^3\})$	11889585119232
6	$\mathcal{O}(6; \{2^{16}, 6^4\})$	13060694016
6	$\mathcal{O}(6; \{2^{12}, 3^3, 6^4\})$	91424858112
6	$\mathcal{O}(6; \{2^8, 3^6, 6^4\})$	744459558912
6	$\mathcal{O}(6; \{2^4, 3^9, 6^4\})$	5942615777280
6	$\mathcal{O}(6; \{3^{12}, 6^4\})$	47553986912256
6	$\mathcal{O}(6; \{2^{13}, 3, 6^5\})$	47889211392
6	$\mathcal{O}(6; \{2^9, 3^4, 6^5\})$	370052997120
6	$\mathcal{O}(6; \{2^5, 3^7, 6^5\})$	2973484670976
6	$\mathcal{O}(6; \{2, 3^{10}, 6^5\})$	23774816673792
6	$\mathcal{O}(6; \{2^{10}, 3^2, 6^6\})$	187203280896
6	$\mathcal{O}(6; \{2^6, 3^5, 6^6\})$	1484565553152
6	$\mathcal{O}(6; \{2^2, 3^8, 6^6\})$	11889585119232
6	$\mathcal{O}(6; \{2^{11}, 6^7\})$	91424858112
6	$\mathcal{O}(6; \{2^7, 3^3, 6^7\})$	744459558912
6	$\mathcal{O}(6; \{2^3, 3^6, 6^7\})$	5942615777280
6	$\mathcal{O}(6; \{2^8, 3, 6^8\})$	370052997120
6	$\mathcal{O}(6; \{2^4, 3^4, 6^8\})$	2973484670976
6	$\mathcal{O}(6; \{3^7, 6^8\})$	23774816673792
6	$\mathcal{O}(6; \{2^5, 3^2, 6^9\})$	1484565553152
6	$\mathcal{O}(6; \{2, 3^5, 6^9\})$	11889585119232
6	$\mathcal{O}(6; \{2^6, 6^{10}\})$	744459558912
6	$\mathcal{O}(6; \{2^2, 3^3, 6^{10}\})$	5942615777280
6	$\mathcal{O}(6; \{2^3, 3, 6^{11}\})$	2973484670976
6	$\mathcal{O}(6; \{3^2, 6^{12}\})$	11889585119232
6	$\mathcal{O}(6; \{2, 6^{13}\})$	5942615777280
6	$\mathcal{O}(5; \{2^{24}, 3^2\})$	120932352

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^{20}, 3^5\})$	604661760
6	$\mathcal{O}(5; \{2^{16}, 3^8\})$	5200091136
6	$\mathcal{O}(5; \{2^{12}, 3^{11}\})$	41237932032
6	$\mathcal{O}(5; \{2^8, 3^{14}\})$	330266253312
6	$\mathcal{O}(5; \{2^4, 3^{17}\})$	2641767229440
6	$\mathcal{O}(5; \{3^{20}\})$	21113861471802
6	$\mathcal{O}(5; \{2^{21}, 3^3, 6\})$	362797056
6	$\mathcal{O}(5; \{2^{17}, 3^6, 6\})$	2539579392
6	$\mathcal{O}(5; \{2^{13}, 3^9, 6\})$	20679432192
6	$\mathcal{O}(5; \{2^9, 3^{12}, 6\})$	165072660480
6	$\mathcal{O}(5; \{2^5, 3^{15}, 6\})$	1320944080896
6	$\mathcal{O}(5; \{2, 3^{18}, 6\})$	10567189850112
6	$\mathcal{O}(5; \{2^{22}, 3, 6^2\})$	120932352
6	$\mathcal{O}(5; \{2^{18}, 3^4, 6^2\})$	1330255872
6	$\mathcal{O}(5; \{2^{14}, 3^7, 6^2\})$	10279249920
6	$\mathcal{O}(5; \{2^{10}, 3^{10}, 6^2\})$	82596796416
6	$\mathcal{O}(5; \{2^6, 3^{13}, 6^2\})$	660411574272
6	$\mathcal{O}(5; \{2^2, 3^{16}, 6^2\})$	5283655391232
6	$\mathcal{O}(5; \{2^{19}, 3^2, 6^3\})$	604661760
6	$\mathcal{O}(5; \{2^{15}, 3^5, 6^3\})$	5200091136
6	$\mathcal{O}(5; \{2^{11}, 3^8, 6^3\})$	41237932032
6	$\mathcal{O}(5; \{2^7, 3^{11}, 6^3\})$	330266253312
6	$\mathcal{O}(5; \{2^3, 3^{14}, 6^3\})$	2641767229440
6	$\mathcal{O}(5; \{2^{20}, 6^4\})$	362797056
6	$\mathcal{O}(5; \{2^{16}, 3^3, 6^4\})$	2539579392
6	$\mathcal{O}(5; \{2^{12}, 3^6, 6^4\})$	20679432192
6	$\mathcal{O}(5; \{2^8, 3^9, 6^4\})$	165072660480
6	$\mathcal{O}(5; \{2^4, 3^{12}, 6^4\})$	1320944080896
6	$\mathcal{O}(5; \{3^{15}, 6^4\})$	10567189850112
6	$\mathcal{O}(5; \{2^{17}, 3, 6^5\})$	1330255872
6	$\mathcal{O}(5; \{2^{13}, 3^4, 6^5\})$	10279249920
6	$\mathcal{O}(5; \{2^9, 3^7, 6^5\})$	82596796416
6	$\mathcal{O}(5; \{2^5, 3^{10}, 6^5\})$	660411574272
6	$\mathcal{O}(5; \{2, 3^{13}, 6^5\})$	5283655391232
6	$\mathcal{O}(5; \{2^{14}, 3^2, 6^6\})$	5200091136
6	$\mathcal{O}(5; \{2^{10}, 3^5, 6^6\})$	41237932032
6	$\mathcal{O}(5; \{2^6, 3^8, 6^6\})$	330266253312
6	$\mathcal{O}(5; \{2^2, 3^{11}, 6^6\})$	2641767229440
6	$\mathcal{O}(5; \{2^{15}, 6^7\})$	2539579392
6	$\mathcal{O}(5; \{2^{11}, 3^3, 6^7\})$	20679432192
6	$\mathcal{O}(5; \{2^7, 3^6, 6^7\})$	165072660480
6	$\mathcal{O}(5; \{2^3, 3^9, 6^7\})$	1320944080896
6	$\mathcal{O}(5; \{2^{12}, 3, 6^8\})$	10279249920

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{2^8, 3^4, 6^8\})$	82596796416
6	$\mathcal{O}(5; \{2^4, 3^7, 6^8\})$	660411574272
6	$\mathcal{O}(5; \{3^{10}, 6^8\})$	5283655391232
6	$\mathcal{O}(5; \{2^9, 3^2, 6^9\})$	41237932032
6	$\mathcal{O}(5; \{2^5, 3^5, 6^9\})$	330266253312
6	$\mathcal{O}(5; \{2, 3^8, 6^9\})$	2641767229440
6	$\mathcal{O}(5; \{2^{10}, 6^{10}\})$	20679432192
6	$\mathcal{O}(5; \{2^6, 3^3, 6^{10}\})$	165072660480
6	$\mathcal{O}(5; \{2^2, 3^6, 6^{10}\})$	1320944080896
6	$\mathcal{O}(5; \{2^7, 3, 6^{11}\})$	82596796416
6	$\mathcal{O}(5; \{2^3, 3^4, 6^{11}\})$	660411574272
6	$\mathcal{O}(5; \{2^4, 3^2, 6^{12}\})$	330266253312
6	$\mathcal{O}(5; \{3^5, 6^{12}\})$	2641767229440
6	$\mathcal{O}(5; \{2^5, 6^{13}\})$	165072660480
6	$\mathcal{O}(5; \{2, 3^3, 6^{13}\})$	1320944080896
6	$\mathcal{O}(5; \{2^2, 3, 6^{14}\})$	660411574272
6	$\mathcal{O}(5; \{6^{16}\})$	1320944080896
6	$\mathcal{O}(4; \{2^{28}, 3^2\})$	3359232
6	$\mathcal{O}(4; \{2^{24}, 3^5\})$	16796160
6	$\mathcal{O}(4; \{2^{20}, 3^8\})$	144446976
6	$\mathcal{O}(4; \{2^{16}, 3^{11}\})$	1145498112
6	$\mathcal{O}(4; \{2^{12}, 3^{14}\})$	9174062592
6	$\mathcal{O}(4; \{2^8, 3^{17}\})$	73382423040
6	$\mathcal{O}(4; \{2^4, 3^{20}\})$	587069462016
6	$\mathcal{O}(4; \{3^{23}\})$	4678199737110
6	$\mathcal{O}(4; \{2^{25}, 3^3, 6\})$	10077696
6	$\mathcal{O}(4; \{2^{21}, 3^6, 6\})$	70543872
6	$\mathcal{O}(4; \{2^{17}, 3^9, 6\})$	574428672
6	$\mathcal{O}(4; \{2^{13}, 3^{12}, 6\})$	4585351680
6	$\mathcal{O}(4; \{2^9, 3^{15}, 6\})$	36692891136
6	$\mathcal{O}(4; \{2^5, 3^{18}, 6\})$	293533051392
6	$\mathcal{O}(4; \{2, 3^{21}, 6\})$	2348274488832
6	$\mathcal{O}(4; \{2^{26}, 3, 6^2\})$	3359232
6	$\mathcal{O}(4; \{2^{22}, 3^4, 6^2\})$	36951552
6	$\mathcal{O}(4; \{2^{18}, 3^7, 6^2\})$	285534720
6	$\mathcal{O}(4; \{2^{14}, 3^{10}, 6^2\})$	2294355456
6	$\mathcal{O}(4; \{2^{10}, 3^{13}, 6^2\})$	18344765952
6	$\mathcal{O}(4; \{2^6, 3^{16}, 6^2\})$	146768205312
6	$\mathcal{O}(4; \{2^2, 3^{19}, 6^2\})$	1174135564800
6	$\mathcal{O}(4; \{2^{23}, 3^2, 6^3\})$	16796160
6	$\mathcal{O}(4; \{2^{19}, 3^5, 6^3\})$	144446976
6	$\mathcal{O}(4; \{2^{15}, 3^8, 6^3\})$	1145498112
6	$\mathcal{O}(4; \{2^{11}, 3^{11}, 6^3\})$	9174062592

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{3^8, 6^{12}\})$	587069462016
6	$\mathcal{O}(4; \{2^9, 6^{13}\})$	4585351680
6	$\mathcal{O}(4; \{2^5, 3^3, 6^{13}\})$	36692891136
6	$\mathcal{O}(4; \{2, 3^6, 6^{13}\})$	293533051392
6	$\mathcal{O}(4; \{2^6, 3, 6^{14}\})$	18344765952
6	$\mathcal{O}(4; \{2^2, 3^4, 6^{14}\})$	146768205312
6	$\mathcal{O}(4; \{2^3, 3^2, 6^{15}\})$	73382423040
6	$\mathcal{O}(4; \{2^4, 6^{16}\})$	36692891136
6	$\mathcal{O}(4; \{3^3, 6^{16}\})$	293533051392
6	$\mathcal{O}(4; \{2, 3, 6^{17}\})$	146768205312
6	$\mathcal{O}(3; \{2^{32}, 3^2\})$	93312
6	$\mathcal{O}(3; \{2^{28}, 3^5\})$	466560
6	$\mathcal{O}(3; \{2^{24}, 3^8\})$	4012416
6	$\mathcal{O}(3; \{2^{20}, 3^{11}\})$	31819392
6	$\mathcal{O}(3; \{2^{16}, 3^{14}\})$	254835072
6	$\mathcal{O}(3; \{2^{12}, 3^{17}\})$	2038400640
6	$\mathcal{O}(3; \{2^8, 3^{20}\})$	16307485056
6	$\mathcal{O}(3; \{2^4, 3^{23}\})$	130459600512
6	$\mathcal{O}(3; \{3^{26}\})$	1027369629594
6	$\mathcal{O}(3; \{2^{29}, 3^3, 6\})$	279936
6	$\mathcal{O}(3; \{2^{25}, 3^6, 6\})$	1959552
6	$\mathcal{O}(3; \{2^{21}, 3^9, 6\})$	15956352
6	$\mathcal{O}(3; \{2^{17}, 3^{12}, 6\})$	127370880
6	$\mathcal{O}(3; \{2^{13}, 3^{15}, 6\})$	1019246976
6	$\mathcal{O}(3; \{2^9, 3^{18}, 6\})$	8153695872
6	$\mathcal{O}(3; \{2^5, 3^{21}, 6\})$	65229846912
6	$\mathcal{O}(3; \{2, 3^{24}, 6\})$	521838495360
6	$\mathcal{O}(3; \{2^{30}, 3, 6^2\})$	93312
6	$\mathcal{O}(3; \{2^{26}, 3^4, 6^2\})$	1026432
6	$\mathcal{O}(3; \{2^{22}, 3^7, 6^2\})$	7931520
6	$\mathcal{O}(3; \{2^{18}, 3^{10}, 6^2\})$	63732096
6	$\mathcal{O}(3; \{2^{14}, 3^{13}, 6^2\})$	509576832
6	$\mathcal{O}(3; \{2^{10}, 3^{16}, 6^2\})$	4076894592
6	$\mathcal{O}(3; \{2^6, 3^{19}, 6^2\})$	32614876800
6	$\mathcal{O}(3; \{2^2, 3^{22}, 6^2\})$	260919294336
6	$\mathcal{O}(3; \{2^{27}, 3^2, 6^3\})$	466560
6	$\mathcal{O}(3; \{2^{23}, 3^5, 6^3\})$	4012416
6	$\mathcal{O}(3; \{2^{19}, 3^8, 6^3\})$	31819392
6	$\mathcal{O}(3; \{2^{15}, 3^{11}, 6^3\})$	254835072
6	$\mathcal{O}(3; \{2^{11}, 3^{14}, 6^3\})$	2038400640
6	$\mathcal{O}(3; \{2^7, 3^{17}, 6^3\})$	16307485056
6	$\mathcal{O}(3; \{2^3, 3^{20}, 6^3\})$	130459600512
6	$\mathcal{O}(3; \{2^{28}, 6^4\})$	279936

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{11}, 3^4, 6^{11}\})$	509576832
6	$\mathcal{O}(3; \{2^7, 3^7, 6^{11}\})$	4076894592
6	$\mathcal{O}(3; \{2^3, 3^{10}, 6^{11}\})$	32614876800
6	$\mathcal{O}(3; \{2^{12}, 3^2, 6^{12}\})$	254835072
6	$\mathcal{O}(3; \{2^8, 3^5, 6^{12}\})$	2038400640
6	$\mathcal{O}(3; \{2^4, 3^8, 6^{12}\})$	16307485056
6	$\mathcal{O}(3; \{3^{11}, 6^{12}\})$	130459600512
6	$\mathcal{O}(3; \{2^{13}, 6^{13}\})$	127370880
6	$\mathcal{O}(3; \{2^9, 3^3, 6^{13}\})$	1019246976
6	$\mathcal{O}(3; \{2^5, 3^6, 6^{13}\})$	8153695872
6	$\mathcal{O}(3; \{2, 3^9, 6^{13}\})$	65229846912
6	$\mathcal{O}(3; \{2^{10}, 3, 6^{14}\})$	509576832
6	$\mathcal{O}(3; \{2^6, 3^4, 6^{14}\})$	4076894592
6	$\mathcal{O}(3; \{2^2, 3^7, 6^{14}\})$	32614876800
6	$\mathcal{O}(3; \{2^7, 3^2, 6^{15}\})$	2038400640
6	$\mathcal{O}(3; \{2^3, 3^5, 6^{15}\})$	16307485056
6	$\mathcal{O}(3; \{2^8, 6^{16}\})$	1019246976
6	$\mathcal{O}(3; \{2^4, 3^3, 6^{16}\})$	8153695872
6	$\mathcal{O}(3; \{3^6, 6^{16}\})$	65229846912
6	$\mathcal{O}(3; \{2^5, 3, 6^{17}\})$	4076894592
6	$\mathcal{O}(3; \{2, 3^4, 6^{17}\})$	32614876800
6	$\mathcal{O}(3; \{2^2, 3^2, 6^{18}\})$	16307485056
6	$\mathcal{O}(3; \{2^3, 6^{19}\})$	8153695872
6	$\mathcal{O}(3; \{3, 6^{20}\})$	32614876800
6	$\mathcal{O}(2; \{2^{36}, 3^2\})$	2592
6	$\mathcal{O}(2; \{2^{32}, 3^5\})$	12960
6	$\mathcal{O}(2; \{2^{28}, 3^8\})$	111456
6	$\mathcal{O}(2; \{2^{24}, 3^{11}\})$	883872
6	$\mathcal{O}(2; \{2^{20}, 3^{14}\})$	7078752
6	$\mathcal{O}(2; \{2^{16}, 3^{17}\})$	56622240
6	$\mathcal{O}(2; \{2^{12}, 3^{20}\})$	452985696
6	$\mathcal{O}(2; \{2^8, 3^{23}\})$	3623877792
6	$\mathcal{O}(2; \{2^4, 3^{26}\})$	28991030112
6	$\mathcal{O}(2; \{3^{29}\})$	217432718550
6	$\mathcal{O}(2; \{2^{33}, 3^3, 6\})$	7776
6	$\mathcal{O}(2; \{2^{29}, 3^6, 6\})$	54432
6	$\mathcal{O}(2; \{2^{25}, 3^9, 6\})$	443232
6	$\mathcal{O}(2; \{2^{21}, 3^{12}, 6\})$	3538080
6	$\mathcal{O}(2; \{2^{17}, 3^{15}, 6\})$	28312416
6	$\mathcal{O}(2; \{2^{13}, 3^{18}, 6\})$	226491552
6	$\mathcal{O}(2; \{2^9, 3^{21}, 6\})$	1811940192
6	$\mathcal{O}(2; \{2^5, 3^{24}, 6\})$	14495513760
6	$\mathcal{O}(2; \{2, 3^{27}, 6\})$	115964117856

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{11}, 3^2, 6^{15}\})$	56622240
6	$\mathcal{O}(2; \{2^7, 3^5, 6^{15}\})$	452985696
6	$\mathcal{O}(2; \{2^3, 3^8, 6^{15}\})$	3623877792
6	$\mathcal{O}(2; \{2^{12}, 6^{16}\})$	28312416
6	$\mathcal{O}(2; \{2^8, 3^3, 6^{16}\})$	226491552
6	$\mathcal{O}(2; \{2^4, 3^6, 6^{16}\})$	1811940192
6	$\mathcal{O}(2; \{3^9, 6^{16}\})$	14495513760
6	$\mathcal{O}(2; \{2^9, 3, 6^{17}\})$	113247072
6	$\mathcal{O}(2; \{2^5, 3^4, 6^{17}\})$	905968800
6	$\mathcal{O}(2; \{2, 3^7, 6^{17}\})$	7247758176
6	$\mathcal{O}(2; \{2^6, 3^2, 6^{18}\})$	452985696
6	$\mathcal{O}(2; \{2^2, 3^5, 6^{18}\})$	3623877792
6	$\mathcal{O}(2; \{2^7, 6^{19}\})$	226491552
6	$\mathcal{O}(2; \{2^3, 3^3, 6^{19}\})$	1811940192
6	$\mathcal{O}(2; \{2^4, 3, 6^{20}\})$	905968800
6	$\mathcal{O}(2; \{3^4, 6^{20}\})$	7247758176
6	$\mathcal{O}(2; \{2, 3^2, 6^{21}\})$	3623877792
6	$\mathcal{O}(2; \{2^2, 6^{22}\})$	1811940192
6	$\mathcal{O}(1; \{2^{40}, 3^2\})$	72
6	$\mathcal{O}(1; \{2^{36}, 3^5\})$	360
6	$\mathcal{O}(1; \{2^{32}, 3^8\})$	3096
6	$\mathcal{O}(1; \{2^{28}, 3^{11}\})$	24552
6	$\mathcal{O}(1; \{2^{24}, 3^{14}\})$	196632
6	$\mathcal{O}(1; \{2^{20}, 3^{17}\})$	1572840
6	$\mathcal{O}(1; \{2^{16}, 3^{20}\})$	12582936
6	$\mathcal{O}(1; \{2^{12}, 3^{23}\})$	100663272
6	$\mathcal{O}(1; \{2^8, 3^{26}\})$	805306392
6	$\mathcal{O}(1; \{2^4, 3^{29}\})$	6442450920
6	$\mathcal{O}(1; \{3^{32}\})$	38654705682
6	$\mathcal{O}(1; \{2^{37}, 3^3, 6\})$	216
6	$\mathcal{O}(1; \{2^{33}, 3^6, 6\})$	1512
6	$\mathcal{O}(1; \{2^{29}, 3^9, 6\})$	12312
6	$\mathcal{O}(1; \{2^{25}, 3^{12}, 6\})$	98280
6	$\mathcal{O}(1; \{2^{21}, 3^{15}, 6\})$	786456
6	$\mathcal{O}(1; \{2^{17}, 3^{18}, 6\})$	6291432
6	$\mathcal{O}(1; \{2^{13}, 3^{21}, 6\})$	50331672
6	$\mathcal{O}(1; \{2^9, 3^{24}, 6\})$	402653160
6	$\mathcal{O}(1; \{2^5, 3^{27}, 6\})$	3221225496
6	$\mathcal{O}(1; \{2, 3^{30}, 6\})$	25769803752
6	$\mathcal{O}(1; \{2^{38}, 3, 6^2\})$	72
6	$\mathcal{O}(1; \{2^{34}, 3^4, 6^2\})$	792
6	$\mathcal{O}(1; \{2^{30}, 3^7, 6^2\})$	6120
6	$\mathcal{O}(1; \{2^{26}, 3^{10}, 6^2\})$	49176

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{13}, 3^6, 6^{13}\})$	6291432
6	$\mathcal{O}(1; \{2^9, 3^9, 6^{13}\})$	50331672
6	$\mathcal{O}(1; \{2^5, 3^{12}, 6^{13}\})$	402653160
6	$\mathcal{O}(1; \{2, 3^{15}, 6^{13}\})$	3221225496
6	$\mathcal{O}(1; \{2^{18}, 3, 6^{14}\})$	393192
6	$\mathcal{O}(1; \{2^{14}, 3^4, 6^{14}\})$	3145752
6	$\mathcal{O}(1; \{2^{10}, 3^7, 6^{14}\})$	25165800
6	$\mathcal{O}(1; \{2^6, 3^{10}, 6^{14}\})$	201326616
6	$\mathcal{O}(1; \{2^2, 3^{13}, 6^{14}\})$	1610612712
6	$\mathcal{O}(1; \{2^{15}, 3^2, 6^{15}\})$	1572840
6	$\mathcal{O}(1; \{2^{11}, 3^5, 6^{15}\})$	12582936
6	$\mathcal{O}(1; \{2^7, 3^8, 6^{15}\})$	100663272
6	$\mathcal{O}(1; \{2^3, 3^{11}, 6^{15}\})$	805306392
6	$\mathcal{O}(1; \{2^{16}, 6^{16}\})$	786456
6	$\mathcal{O}(1; \{2^{12}, 3^3, 6^{16}\})$	6291432
6	$\mathcal{O}(1; \{2^8, 3^6, 6^{16}\})$	50331672
6	$\mathcal{O}(1; \{2^4, 3^9, 6^{16}\})$	402653160
6	$\mathcal{O}(1; \{3^{12}, 6^{16}\})$	3221225496
6	$\mathcal{O}(1; \{2^{13}, 3, 6^{17}\})$	3145752
6	$\mathcal{O}(1; \{2^9, 3^4, 6^{17}\})$	25165800
6	$\mathcal{O}(1; \{2^5, 3^7, 6^{17}\})$	201326616
6	$\mathcal{O}(1; \{2, 3^{10}, 6^{17}\})$	1610612712
6	$\mathcal{O}(1; \{2^{10}, 3^2, 6^{18}\})$	12582936
6	$\mathcal{O}(1; \{2^6, 3^5, 6^{18}\})$	100663272
6	$\mathcal{O}(1; \{2^2, 3^8, 6^{18}\})$	805306392
6	$\mathcal{O}(1; \{2^{11}, 6^{19}\})$	6291432
6	$\mathcal{O}(1; \{2^7, 3^3, 6^{19}\})$	50331672
6	$\mathcal{O}(1; \{2^3, 3^6, 6^{19}\})$	402653160
6	$\mathcal{O}(1; \{2^8, 3, 6^{20}\})$	25165800
6	$\mathcal{O}(1; \{2^4, 3^4, 6^{20}\})$	201326616
6	$\mathcal{O}(1; \{3^7, 6^{20}\})$	1610612712
6	$\mathcal{O}(1; \{2^5, 3^2, 6^{21}\})$	100663272
6	$\mathcal{O}(1; \{2, 3^5, 6^{21}\})$	805306392
6	$\mathcal{O}(1; \{2^6, 6^{22}\})$	50331672
6	$\mathcal{O}(1; \{2^2, 3^3, 6^{22}\})$	402653160
6	$\mathcal{O}(1; \{2^3, 3, 6^{23}\})$	201326616
6	$\mathcal{O}(1; \{3^2, 6^{24}\})$	805306392
6	$\mathcal{O}(1; \{2, 6^{25}\})$	402653160
6	$\mathcal{O}(0; \{2^{44}, 3^2\})$	2
6	$\mathcal{O}(0; \{2^{40}, 3^5\})$	10
6	$\mathcal{O}(0; \{2^{36}, 3^8\})$	86
6	$\mathcal{O}(0; \{2^{32}, 3^{11}\})$	682
6	$\mathcal{O}(0; \{2^{28}, 3^{14}\})$	5462

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

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

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{19}, 3^2, 6^{15}\})$	43690
6	$\mathcal{O}(0; \{2^{15}, 3^5, 6^{15}\})$	349526
6	$\mathcal{O}(0; \{2^{11}, 3^8, 6^{15}\})$	2796202
6	$\mathcal{O}(0; \{2^7, 3^{11}, 6^{15}\})$	22369622
6	$\mathcal{O}(0; \{2^3, 3^{14}, 6^{15}\})$	178956970
6	$\mathcal{O}(0; \{2^{20}, 6^{16}\})$	21846
6	$\mathcal{O}(0; \{2^{16}, 3^3, 6^{16}\})$	174762
6	$\mathcal{O}(0; \{2^{12}, 3^6, 6^{16}\})$	1398102
6	$\mathcal{O}(0; \{2^8, 3^9, 6^{16}\})$	11184810
6	$\mathcal{O}(0; \{2^4, 3^{12}, 6^{16}\})$	89478486
6	$\mathcal{O}(0; \{3^{15}, 6^{16}\})$	715827882
6	$\mathcal{O}(0; \{2^{17}, 3, 6^{17}\})$	87382
6	$\mathcal{O}(0; \{2^{13}, 3^4, 6^{17}\})$	699050
6	$\mathcal{O}(0; \{2^9, 3^7, 6^{17}\})$	5592406
6	$\mathcal{O}(0; \{2^5, 3^{10}, 6^{17}\})$	44739242
6	$\mathcal{O}(0; \{2, 3^{13}, 6^{17}\})$	357913942
6	$\mathcal{O}(0; \{2^{14}, 3^2, 6^{18}\})$	349526
6	$\mathcal{O}(0; \{2^{10}, 3^5, 6^{18}\})$	2796202
6	$\mathcal{O}(0; \{2^6, 3^8, 6^{18}\})$	22369622
6	$\mathcal{O}(0; \{2^2, 3^{11}, 6^{18}\})$	178956970
6	$\mathcal{O}(0; \{2^{15}, 6^{19}\})$	174762
6	$\mathcal{O}(0; \{2^{11}, 3^3, 6^{19}\})$	1398102
6	$\mathcal{O}(0; \{2^7, 3^6, 6^{19}\})$	11184810
6	$\mathcal{O}(0; \{2^3, 3^9, 6^{19}\})$	89478486
6	$\mathcal{O}(0; \{2^{12}, 3, 6^{20}\})$	699050
6	$\mathcal{O}(0; \{2^8, 3^4, 6^{20}\})$	5592406
6	$\mathcal{O}(0; \{2^4, 3^7, 6^{20}\})$	44739242
6	$\mathcal{O}(0; \{3^{10}, 6^{20}\})$	357913942
6	$\mathcal{O}(0; \{2^9, 3^2, 6^{21}\})$	2796202
6	$\mathcal{O}(0; \{2^5, 3^5, 6^{21}\})$	22369622
6	$\mathcal{O}(0; \{2, 3^8, 6^{21}\})$	178956970
6	$\mathcal{O}(0; \{2^{10}, 6^{22}\})$	1398102
6	$\mathcal{O}(0; \{2^6, 3^3, 6^{22}\})$	11184810
6	$\mathcal{O}(0; \{2^2, 3^6, 6^{22}\})$	89478486
6	$\mathcal{O}(0; \{2^7, 3, 6^{23}\})$	5592406
6	$\mathcal{O}(0; \{2^3, 3^4, 6^{23}\})$	44739242
6	$\mathcal{O}(0; \{2^4, 3^2, 6^{24}\})$	22369622
6	$\mathcal{O}(0; \{3^5, 6^{24}\})$	178956970
6	$\mathcal{O}(0; \{2^5, 6^{25}\})$	11184810
6	$\mathcal{O}(0; \{2, 3^3, 6^{25}\})$	89478486
6	$\mathcal{O}(0; \{2^2, 3, 6^{26}\})$	44739242
6	$\mathcal{O}(0; \{6^{28}\})$	89478486
7	$\mathcal{O}(8; \{7^5\})$	36888552932257110

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
7	$\mathcal{O}(5; \{7^{12}\})$	87841019153607594
7	$\mathcal{O}(2; \{7^{19}\})$	209010390823598070
8	$\mathcal{O}(9; \emptyset)$	18014329790005248
8	$\mathcal{O}(8; \{2^4\})$	281470681743360
8	$\mathcal{O}(8; \{2, 4^2\})$	562941363486720
8	$\mathcal{O}(7; \{2^8\})$	4397778075648
8	$\mathcal{O}(7; \{2^5, 4^2\})$	8795556151296
8	$\mathcal{O}(7; \{2^2, 4^4\})$	35182224605184
8	$\mathcal{O}(7; \{2^3, 4, 8^2\})$	35184372088832
8	$\mathcal{O}(7; \{4^3, 8^2\})$	140737488355328
8	$\mathcal{O}(7; \{2, 8^4\})$	281474976710656
8	$\mathcal{O}(6; \{2^{12}\})$	68702699520
8	$\mathcal{O}(6; \{2^9, 4^2\})$	137405399040
8	$\mathcal{O}(6; \{2^6, 4^4\})$	549621596160
8	$\mathcal{O}(6; \{2^3, 4^6\})$	2198486384640
8	$\mathcal{O}(6; \{4^8\})$	8793945538560
8	$\mathcal{O}(6; \{2^7, 4, 8^2\})$	549755813888
8	$\mathcal{O}(6; \{2^4, 4^3, 8^2\})$	2199023255552
8	$\mathcal{O}(6; \{2, 4^5, 8^2\})$	8796093022208
8	$\mathcal{O}(6; \{2^5, 8^4\})$	4398046511104
8	$\mathcal{O}(6; \{2^2, 4^2, 8^4\})$	17592186044416
8	$\mathcal{O}(6; \{4, 8^6\})$	140737488355328
8	$\mathcal{O}(5; \{2^{16}\})$	1072693248
8	$\mathcal{O}(5; \{2^{13}, 4^2\})$	2145386496
8	$\mathcal{O}(5; \{2^{10}, 4^4\})$	8581545984
8	$\mathcal{O}(5; \{2^7, 4^6\})$	34326183936
8	$\mathcal{O}(5; \{2^4, 4^8\})$	137304735744
8	$\mathcal{O}(5; \{2, 4^{10}\})$	549218942976
8	$\mathcal{O}(5; \{2^{11}, 4, 8^2\})$	8589934592
8	$\mathcal{O}(5; \{2^8, 4^3, 8^2\})$	34359738368
8	$\mathcal{O}(5; \{2^5, 4^5, 8^2\})$	137438953472
8	$\mathcal{O}(5; \{2^2, 4^7, 8^2\})$	549755813888
8	$\mathcal{O}(5; \{2^9, 8^4\})$	68719476736
8	$\mathcal{O}(5; \{2^6, 4^2, 8^4\})$	274877906944
8	$\mathcal{O}(5; \{2^3, 4^4, 8^4\})$	1099511627776
8	$\mathcal{O}(5; \{4^6, 8^4\})$	4398046511104
8	$\mathcal{O}(5; \{2^4, 4, 8^6\})$	2199023255552
8	$\mathcal{O}(5; \{2, 4^3, 8^6\})$	8796093022208
8	$\mathcal{O}(5; \{2^2, 8^8\})$	17592186044416
8	$\mathcal{O}(4; \{2^{20}\})$	16711680
8	$\mathcal{O}(4; \{2^{17}, 4^2\})$	33423360
8	$\mathcal{O}(4; \{2^{14}, 4^4\})$	133693440
8	$\mathcal{O}(4; \{2^{11}, 4^6\})$	534773760

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{2^8, 4^8\})$	2139095040
8	$\mathcal{O}(4; \{2^5, 4^{10}\})$	8556380160
8	$\mathcal{O}(4; \{2^2, 4^{12}\})$	34225520640
8	$\mathcal{O}(4; \{2^{15}, 4, 8^2\})$	134217728
8	$\mathcal{O}(4; \{2^{12}, 4^3, 8^2\})$	536870912
8	$\mathcal{O}(4; \{2^9, 4^5, 8^2\})$	2147483648
8	$\mathcal{O}(4; \{2^6, 4^7, 8^2\})$	8589934592
8	$\mathcal{O}(4; \{2^3, 4^9, 8^2\})$	34359738368
8	$\mathcal{O}(4; \{4^{11}, 8^2\})$	137438953472
8	$\mathcal{O}(4; \{2^{13}, 8^4\})$	1073741824
8	$\mathcal{O}(4; \{2^{10}, 4^2, 8^4\})$	4294967296
8	$\mathcal{O}(4; \{2^7, 4^4, 8^4\})$	17179869184
8	$\mathcal{O}(4; \{2^4, 4^6, 8^4\})$	68719476736
8	$\mathcal{O}(4; \{2, 4^8, 8^4\})$	274877906944
8	$\mathcal{O}(4; \{2^8, 4, 8^6\})$	34359738368
8	$\mathcal{O}(4; \{2^5, 4^3, 8^6\})$	137438953472
8	$\mathcal{O}(4; \{2^2, 4^5, 8^6\})$	549755813888
8	$\mathcal{O}(4; \{2^6, 8^8\})$	274877906944
8	$\mathcal{O}(4; \{2^3, 4^2, 8^8\})$	1099511627776
8	$\mathcal{O}(4; \{4^4, 8^8\})$	4398046511104
8	$\mathcal{O}(4; \{2, 4, 8^{10}\})$	8796093022208
8	$\mathcal{O}(3; \{2^{24}\})$	258048
8	$\mathcal{O}(3; \{2^{21}, 4^2\})$	516096
8	$\mathcal{O}(3; \{2^{18}, 4^4\})$	2064384
8	$\mathcal{O}(3; \{2^{15}, 4^6\})$	8257536
8	$\mathcal{O}(3; \{2^{12}, 4^8\})$	33030144
8	$\mathcal{O}(3; \{2^9, 4^{10}\})$	132120576
8	$\mathcal{O}(3; \{2^6, 4^{12}\})$	528482304
8	$\mathcal{O}(3; \{2^3, 4^{14}\})$	2113929216
8	$\mathcal{O}(3; \{4^{16}\})$	8455716864
8	$\mathcal{O}(3; \{2^{19}, 4, 8^2\})$	2097152
8	$\mathcal{O}(3; \{2^{16}, 4^3, 8^2\})$	8388608
8	$\mathcal{O}(3; \{2^{13}, 4^5, 8^2\})$	33554432
8	$\mathcal{O}(3; \{2^{10}, 4^7, 8^2\})$	134217728
8	$\mathcal{O}(3; \{2^7, 4^9, 8^2\})$	536870912
8	$\mathcal{O}(3; \{2^4, 4^{11}, 8^2\})$	2147483648
8	$\mathcal{O}(3; \{2, 4^{13}, 8^2\})$	8589934592
8	$\mathcal{O}(3; \{2^{17}, 8^4\})$	16777216
8	$\mathcal{O}(3; \{2^{14}, 4^2, 8^4\})$	67108864
8	$\mathcal{O}(3; \{2^{11}, 4^4, 8^4\})$	268435456
8	$\mathcal{O}(3; \{2^8, 4^6, 8^4\})$	1073741824
8	$\mathcal{O}(3; \{2^5, 4^8, 8^4\})$	4294967296
8	$\mathcal{O}(3; \{2^2, 4^{10}, 8^4\})$	17179869184

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{2^{12}, 4, 8^6\})$	536870912
8	$\mathcal{O}(3; \{2^9, 4^3, 8^6\})$	2147483648
8	$\mathcal{O}(3; \{2^6, 4^5, 8^6\})$	8589934592
8	$\mathcal{O}(3; \{2^3, 4^7, 8^6\})$	34359738368
8	$\mathcal{O}(3; \{4^9, 8^6\})$	137438953472
8	$\mathcal{O}(3; \{2^{10}, 8^8\})$	4294967296
8	$\mathcal{O}(3; \{2^7, 4^2, 8^8\})$	17179869184
8	$\mathcal{O}(3; \{2^4, 4^4, 8^8\})$	68719476736
8	$\mathcal{O}(3; \{2, 4^6, 8^8\})$	274877906944
8	$\mathcal{O}(3; \{2^5, 4, 8^{10}\})$	137438953472
8	$\mathcal{O}(3; \{2^2, 4^3, 8^{10}\})$	549755813888
8	$\mathcal{O}(3; \{2^3, 8^{12}\})$	1099511627776
8	$\mathcal{O}(3; \{4^2, 8^{12}\})$	4398046511104
8	$\mathcal{O}(2; \{2^{28}\})$	3840
8	$\mathcal{O}(2; \{2^{25}, 4^2\})$	7680
8	$\mathcal{O}(2; \{2^{22}, 4^4\})$	30720
8	$\mathcal{O}(2; \{2^{19}, 4^6\})$	122880
8	$\mathcal{O}(2; \{2^{16}, 4^8\})$	491520
8	$\mathcal{O}(2; \{2^{13}, 4^{10}\})$	1966080
8	$\mathcal{O}(2; \{2^{10}, 4^{12}\})$	7864320
8	$\mathcal{O}(2; \{2^7, 4^{14}\})$	31457280
8	$\mathcal{O}(2; \{2^4, 4^{16}\})$	125829120
8	$\mathcal{O}(2; \{2, 4^{18}\})$	503316480
8	$\mathcal{O}(2; \{2^{23}, 4, 8^2\})$	32768
8	$\mathcal{O}(2; \{2^{20}, 4^3, 8^2\})$	131072
8	$\mathcal{O}(2; \{2^{17}, 4^5, 8^2\})$	524288
8	$\mathcal{O}(2; \{2^{14}, 4^7, 8^2\})$	2097152
8	$\mathcal{O}(2; \{2^{11}, 4^9, 8^2\})$	8388608
8	$\mathcal{O}(2; \{2^8, 4^{11}, 8^2\})$	33554432
8	$\mathcal{O}(2; \{2^5, 4^{13}, 8^2\})$	134217728
8	$\mathcal{O}(2; \{2^2, 4^{15}, 8^2\})$	536870912
8	$\mathcal{O}(2; \{2^{21}, 8^4\})$	262144
8	$\mathcal{O}(2; \{2^{18}, 4^2, 8^4\})$	1048576
8	$\mathcal{O}(2; \{2^{15}, 4^4, 8^4\})$	4194304
8	$\mathcal{O}(2; \{2^{12}, 4^6, 8^4\})$	16777216
8	$\mathcal{O}(2; \{2^9, 4^8, 8^4\})$	67108864
8	$\mathcal{O}(2; \{2^6, 4^{10}, 8^4\})$	268435456
8	$\mathcal{O}(2; \{2^3, 4^{12}, 8^4\})$	1073741824
8	$\mathcal{O}(2; \{4^{14}, 8^4\})$	4294967296
8	$\mathcal{O}(2; \{2^{16}, 4, 8^6\})$	8388608
8	$\mathcal{O}(2; \{2^{13}, 4^3, 8^6\})$	33554432
8	$\mathcal{O}(2; \{2^{10}, 4^5, 8^6\})$	134217728
8	$\mathcal{O}(2; \{2^7, 4^7, 8^6\})$	536870912

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^4, 4^9, 8^6\})$	2147483648
8	$\mathcal{O}(2; \{2, 4^{11}, 8^6\})$	8589934592
8	$\mathcal{O}(2; \{2^{14}, 8^8\})$	67108864
8	$\mathcal{O}(2; \{2^{11}, 4^2, 8^8\})$	268435456
8	$\mathcal{O}(2; \{2^8, 4^4, 8^8\})$	1073741824
8	$\mathcal{O}(2; \{2^5, 4^6, 8^8\})$	4294967296
8	$\mathcal{O}(2; \{2^2, 4^8, 8^8\})$	17179869184
8	$\mathcal{O}(2; \{2^9, 4, 8^{10}\})$	2147483648
8	$\mathcal{O}(2; \{2^6, 4^3, 8^{10}\})$	8589934592
8	$\mathcal{O}(2; \{2^3, 4^5, 8^{10}\})$	34359738368
8	$\mathcal{O}(2; \{4^7, 8^{10}\})$	137438953472
8	$\mathcal{O}(2; \{2^7, 8^{12}\})$	17179869184
8	$\mathcal{O}(2; \{2^4, 4^2, 8^{12}\})$	68719476736
8	$\mathcal{O}(2; \{2, 4^4, 8^{12}\})$	274877906944
8	$\mathcal{O}(2; \{2^2, 4, 8^{14}\})$	549755813888
8	$\mathcal{O}(2; \{8^{16}\})$	4398046511104
8	$\mathcal{O}(1; \{2^{32}\})$	48
8	$\mathcal{O}(1; \{2^{29}, 4^2\})$	96
8	$\mathcal{O}(1; \{2^{26}, 4^4\})$	384
8	$\mathcal{O}(1; \{2^{23}, 4^6\})$	1536
8	$\mathcal{O}(1; \{2^{20}, 4^8\})$	6144
8	$\mathcal{O}(1; \{2^{17}, 4^{10}\})$	24576
8	$\mathcal{O}(1; \{2^{14}, 4^{12}\})$	98304
8	$\mathcal{O}(1; \{2^{11}, 4^{14}\})$	393216
8	$\mathcal{O}(1; \{2^8, 4^{16}\})$	1572864
8	$\mathcal{O}(1; \{2^5, 4^{18}\})$	6291456
8	$\mathcal{O}(1; \{2^2, 4^{20}\})$	25165824
8	$\mathcal{O}(1; \{2^{27}, 4, 8^2\})$	512
8	$\mathcal{O}(1; \{2^{24}, 4^3, 8^2\})$	2048
8	$\mathcal{O}(1; \{2^{21}, 4^5, 8^2\})$	8192
8	$\mathcal{O}(1; \{2^{18}, 4^7, 8^2\})$	32768
8	$\mathcal{O}(1; \{2^{15}, 4^9, 8^2\})$	131072
8	$\mathcal{O}(1; \{2^{12}, 4^{11}, 8^2\})$	524288
8	$\mathcal{O}(1; \{2^9, 4^{13}, 8^2\})$	2097152
8	$\mathcal{O}(1; \{2^6, 4^{15}, 8^2\})$	8388608
8	$\mathcal{O}(1; \{2^3, 4^{17}, 8^2\})$	33554432
8	$\mathcal{O}(1; \{4^{19}, 8^2\})$	134217728
8	$\mathcal{O}(1; \{2^{25}, 8^4\})$	4096
8	$\mathcal{O}(1; \{2^{22}, 4^2, 8^4\})$	16384
8	$\mathcal{O}(1; \{2^{19}, 4^4, 8^4\})$	65536
8	$\mathcal{O}(1; \{2^{16}, 4^6, 8^4\})$	262144
8	$\mathcal{O}(1; \{2^{13}, 4^8, 8^4\})$	1048576
8	$\mathcal{O}(1; \{2^{10}, 4^{10}, 8^4\})$	4194304

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^7, 4^{12}, 8^4\})$	16777216
8	$\mathcal{O}(1; \{2^4, 4^{14}, 8^4\})$	67108864
8	$\mathcal{O}(1; \{2, 4^{16}, 8^4\})$	268435456
8	$\mathcal{O}(1; \{2^{20}, 4, 8^6\})$	131072
8	$\mathcal{O}(1; \{2^{17}, 4^3, 8^6\})$	524288
8	$\mathcal{O}(1; \{2^{14}, 4^5, 8^6\})$	2097152
8	$\mathcal{O}(1; \{2^{11}, 4^7, 8^6\})$	8388608
8	$\mathcal{O}(1; \{2^8, 4^9, 8^6\})$	33554432
8	$\mathcal{O}(1; \{2^5, 4^{11}, 8^6\})$	134217728
8	$\mathcal{O}(1; \{2^2, 4^{13}, 8^6\})$	536870912
8	$\mathcal{O}(1; \{2^{18}, 8^8\})$	1048576
8	$\mathcal{O}(1; \{2^{15}, 4^2, 8^8\})$	4194304
8	$\mathcal{O}(1; \{2^{12}, 4^4, 8^8\})$	16777216
8	$\mathcal{O}(1; \{2^9, 4^6, 8^8\})$	67108864
8	$\mathcal{O}(1; \{2^6, 4^8, 8^8\})$	268435456
8	$\mathcal{O}(1; \{2^3, 4^{10}, 8^8\})$	1073741824
8	$\mathcal{O}(1; \{4^{12}, 8^8\})$	4294967296
8	$\mathcal{O}(1; \{2^{13}, 4, 8^{10}\})$	33554432
8	$\mathcal{O}(1; \{2^{10}, 4^3, 8^{10}\})$	134217728
8	$\mathcal{O}(1; \{2^7, 4^5, 8^{10}\})$	536870912
8	$\mathcal{O}(1; \{2^4, 4^7, 8^{10}\})$	2147483648
8	$\mathcal{O}(1; \{2, 4^9, 8^{10}\})$	8589934592
8	$\mathcal{O}(1; \{2^{11}, 8^{12}\})$	268435456
8	$\mathcal{O}(1; \{2^8, 4^2, 8^{12}\})$	1073741824
8	$\mathcal{O}(1; \{2^5, 4^4, 8^{12}\})$	4294967296
8	$\mathcal{O}(1; \{2^2, 4^6, 8^{12}\})$	17179869184
8	$\mathcal{O}(1; \{2^6, 4, 8^{14}\})$	8589934592
8	$\mathcal{O}(1; \{2^3, 4^3, 8^{14}\})$	34359738368
8	$\mathcal{O}(1; \{4^5, 8^{14}\})$	137438953472
8	$\mathcal{O}(1; \{2^4, 8^{16}\})$	68719476736
8	$\mathcal{O}(1; \{2, 4^2, 8^{16}\})$	274877906944
8	$\mathcal{O}(0; \{2^{31}, 4, 8^2\})$	8
8	$\mathcal{O}(0; \{2^{28}, 4^3, 8^2\})$	32
8	$\mathcal{O}(0; \{2^{25}, 4^5, 8^2\})$	128
8	$\mathcal{O}(0; \{2^{22}, 4^7, 8^2\})$	512
8	$\mathcal{O}(0; \{2^{19}, 4^9, 8^2\})$	2048
8	$\mathcal{O}(0; \{2^{16}, 4^{11}, 8^2\})$	8192
8	$\mathcal{O}(0; \{2^{13}, 4^{13}, 8^2\})$	32768
8	$\mathcal{O}(0; \{2^{10}, 4^{15}, 8^2\})$	131072
8	$\mathcal{O}(0; \{2^7, 4^{17}, 8^2\})$	524288
8	$\mathcal{O}(0; \{2^4, 4^{19}, 8^2\})$	2097152
8	$\mathcal{O}(0; \{2, 4^{21}, 8^2\})$	8388608
8	$\mathcal{O}(0; \{2^{29}, 8^4\})$	64

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^5, 4^2, 8^{16}\})$	4294967296
8	$\mathcal{O}(0; \{2^2, 4^4, 8^{16}\})$	17179869184
8	$\mathcal{O}(0; \{2^3, 4, 8^{18}\})$	34359738368
8	$\mathcal{O}(0; \{4^3, 8^{18}\})$	137438953472
8	$\mathcal{O}(0; \{2, 8^{20}\})$	274877906944
9	$\mathcal{O}(6; \{3, 9^4\})$	91507169819844
9	$\mathcal{O}(5; \{3^4, 9^4\})$	9037745167392
9	$\mathcal{O}(5; \{9^7\})$	106758364789818
9	$\mathcal{O}(4; \{3^7, 9^4\})$	892616806656
9	$\mathcal{O}(4; \{3^3, 9^7\})$	10544036028624
9	$\mathcal{O}(3; \{3^{10}, 9^4\})$	88159684608
9	$\mathcal{O}(3; \{3^6, 9^7\})$	1041386274432
9	$\mathcal{O}(3; \{3^2, 9^{10}\})$	14309763181704
9	$\mathcal{O}(2; \{3^{13}, 9^4\})$	8707129344
9	$\mathcal{O}(2; \{3^9, 9^7\})$	102852965376
9	$\mathcal{O}(2; \{3^5, 9^{10}\})$	1413309943872
9	$\mathcal{O}(2; \{3, 9^{13}\})$	19037842829460
9	$\mathcal{O}(1; \{3^{16}, 9^4\})$	859963392
9	$\mathcal{O}(1; \{3^{12}, 9^7\})$	10158317568
9	$\mathcal{O}(1; \{3^8, 9^{10}\})$	139586167296
9	$\mathcal{O}(1; \{3^4, 9^{13}\})$	1880280773280
9	$\mathcal{O}(1; \{9^{16}\})$	25390764008082
9	$\mathcal{O}(0; \{3^{19}, 9^4\})$	84934656
9	$\mathcal{O}(0; \{3^{15}, 9^7\})$	1003290624
9	$\mathcal{O}(0; \{3^{11}, 9^{10}\})$	13786288128
9	$\mathcal{O}(0; \{3^7, 9^{13}\})$	185706743040
9	$\mathcal{O}(0; \{3^3, 9^{16}\})$	2507729778576
10	$\mathcal{O}(6; \{2^2, 10^2\})$	4000000000000
10	$\mathcal{O}(5; \{5^6\})$	8191992187500
10	$\mathcal{O}(5; \{2^3, 5^3, 10\})$	520000000000
10	$\mathcal{O}(5; \{2^6, 10^2\})$	400000000000
10	$\mathcal{O}(5; \{2, 5^2, 10^3\})$	2040000000000
10	$\mathcal{O}(4; \{2^4, 5^6\})$	820000000000
10	$\mathcal{O}(4; \{2^7, 5^3, 10\})$	520000000000
10	$\mathcal{O}(4; \{2^{10}, 10^2\})$	400000000000
10	$\mathcal{O}(4; \{2^2, 5^5, 10^2\})$	3276000000000
10	$\mathcal{O}(4; \{2^5, 5^2, 10^3\})$	2040000000000
10	$\mathcal{O}(4; \{5^4, 10^4\})$	13108000000000
10	$\mathcal{O}(4; \{2^3, 5, 10^5\})$	820000000000
10	$\mathcal{O}(4; \{2, 10^7\})$	3276000000000
10	$\mathcal{O}(3; \{2^8, 5^6\})$	820000000000
10	$\mathcal{O}(3; \{5^{11}\})$	825752812500
10	$\mathcal{O}(3; \{2^{11}, 5^3, 10\})$	520000000000

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{2^3, 5^8, 10\})$	52428000000
10	$\mathcal{O}(3; \{2^{14}, 10^2\})$	4000000
10	$\mathcal{O}(3; \{2^6, 5^5, 10^2\})$	3276000000
10	$\mathcal{O}(3; \{2^9, 5^2, 10^3\})$	204000000
10	$\mathcal{O}(3; \{2, 5^7, 10^3\})$	20971600000
10	$\mathcal{O}(3; \{2^4, 5^4, 10^4\})$	13108000000
10	$\mathcal{O}(3; \{2^7, 5, 10^5\})$	820000000
10	$\mathcal{O}(3; \{2^2, 5^3, 10^6\})$	52428000000
10	$\mathcal{O}(3; \{2^5, 10^7\})$	3276000000
10	$\mathcal{O}(3; \{5^2, 10^8\})$	20971600000
10	$\mathcal{O}(2; \{2^{12}, 5^6\})$	8200000
10	$\mathcal{O}(2; \{2^4, 5^{11}\})$	8388600000
10	$\mathcal{O}(2; \{2^{15}, 5^3, 10\})$	520000
10	$\mathcal{O}(2; \{2^7, 5^8, 10\})$	524280000
10	$\mathcal{O}(2; \{2^{18}, 10^2\})$	40000
10	$\mathcal{O}(2; \{2^{10}, 5^5, 10^2\})$	32760000
10	$\mathcal{O}(2; \{2^2, 5^{10}, 10^2\})$	33554440000
10	$\mathcal{O}(2; \{2^{13}, 5^2, 10^3\})$	2040000
10	$\mathcal{O}(2; \{2^5, 5^7, 10^3\})$	2097160000
10	$\mathcal{O}(2; \{2^8, 5^4, 10^4\})$	131080000
10	$\mathcal{O}(2; \{5^9, 10^4\})$	134217720000
10	$\mathcal{O}(2; \{2^{11}, 5, 10^5\})$	8200000
10	$\mathcal{O}(2; \{2^3, 5^6, 10^5\})$	8388600000
10	$\mathcal{O}(2; \{2^6, 5^3, 10^6\})$	524280000
10	$\mathcal{O}(2; \{2^9, 10^7\})$	32760000
10	$\mathcal{O}(2; \{2, 5^5, 10^7\})$	33554440000
10	$\mathcal{O}(2; \{2^4, 5^2, 10^8\})$	2097160000
10	$\mathcal{O}(2; \{2^2, 5, 10^{10}\})$	8388600000
10	$\mathcal{O}(2; \{10^{12}\})$	33554440000
10	$\mathcal{O}(1; \{2^{16}, 5^6\})$	82000
10	$\mathcal{O}(1; \{2^8, 5^{11}\})$	83886000
10	$\mathcal{O}(1; \{5^{16}\})$	64424509500
10	$\mathcal{O}(1; \{2^{19}, 5^3, 10\})$	5200
10	$\mathcal{O}(1; \{2^{11}, 5^8, 10\})$	5242800
10	$\mathcal{O}(1; \{2^3, 5^{13}, 10\})$	5368709200
10	$\mathcal{O}(1; \{2^{22}, 10^2\})$	400
10	$\mathcal{O}(1; \{2^{14}, 5^5, 10^2\})$	327600
10	$\mathcal{O}(1; \{2^6, 5^{10}, 10^2\})$	335544400
10	$\mathcal{O}(1; \{2^{17}, 5^2, 10^3\})$	20400
10	$\mathcal{O}(1; \{2^9, 5^7, 10^3\})$	20971600
10	$\mathcal{O}(1; \{2, 5^{12}, 10^3\})$	21474836400
10	$\mathcal{O}(1; \{2^{12}, 5^4, 10^4\})$	1310800
10	$\mathcal{O}(1; \{2^4, 5^9, 10^4\})$	1342177200

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{2^{15}, 5, 10^5\})$	82000
10	$\mathcal{O}(1; \{2^7, 5^6, 10^5\})$	83886000
10	$\mathcal{O}(1; \{2^{10}, 5^3, 10^6\})$	5242800
10	$\mathcal{O}(1; \{2^2, 5^8, 10^6\})$	5368709200
10	$\mathcal{O}(1; \{2^{13}, 10^7\})$	327600
10	$\mathcal{O}(1; \{2^5, 5^5, 10^7\})$	335544400
10	$\mathcal{O}(1; \{2^8, 5^2, 10^8\})$	20971600
10	$\mathcal{O}(1; \{5^7, 10^8\})$	21474836400
10	$\mathcal{O}(1; \{2^3, 5^4, 10^9\})$	1342177200
10	$\mathcal{O}(1; \{2^6, 5, 10^{10}\})$	83886000
10	$\mathcal{O}(1; \{2, 5^3, 10^{11}\})$	5368709200
10	$\mathcal{O}(1; \{2^4, 10^{12}\})$	335544400
10	$\mathcal{O}(0; \{2^{20}, 5^6\})$	820
10	$\mathcal{O}(0; \{2^{12}, 5^{11}\})$	838860
10	$\mathcal{O}(0; \{2^4, 5^{16}\})$	858993460
10	$\mathcal{O}(0; \{2^{23}, 5^3, 10\})$	52
10	$\mathcal{O}(0; \{2^{15}, 5^8, 10\})$	52428
10	$\mathcal{O}(0; \{2^7, 5^{13}, 10\})$	53687092
10	$\mathcal{O}(0; \{2^{26}, 10^2\})$	4
10	$\mathcal{O}(0; \{2^{18}, 5^5, 10^2\})$	3276
10	$\mathcal{O}(0; \{2^{10}, 5^{10}, 10^2\})$	3355444
10	$\mathcal{O}(0; \{2^2, 5^{15}, 10^2\})$	3435973836
10	$\mathcal{O}(0; \{2^{21}, 5^2, 10^3\})$	204
10	$\mathcal{O}(0; \{2^{13}, 5^7, 10^3\})$	209716
10	$\mathcal{O}(0; \{2^5, 5^{12}, 10^3\})$	214748364
10	$\mathcal{O}(0; \{2^{16}, 5^4, 10^4\})$	13108
10	$\mathcal{O}(0; \{2^8, 5^9, 10^4\})$	13421772
10	$\mathcal{O}(0; \{5^{14}, 10^4\})$	13743895348
10	$\mathcal{O}(0; \{2^{19}, 5, 10^5\})$	820
10	$\mathcal{O}(0; \{2^{11}, 5^6, 10^5\})$	838860
10	$\mathcal{O}(0; \{2^3, 5^{11}, 10^5\})$	858993460
10	$\mathcal{O}(0; \{2^{14}, 5^3, 10^6\})$	52428
10	$\mathcal{O}(0; \{2^6, 5^8, 10^6\})$	53687092
10	$\mathcal{O}(0; \{2^{17}, 10^7\})$	3276
10	$\mathcal{O}(0; \{2^9, 5^5, 10^7\})$	3355444
10	$\mathcal{O}(0; \{2, 5^{10}, 10^7\})$	3435973836
10	$\mathcal{O}(0; \{2^{12}, 5^2, 10^8\})$	209716
10	$\mathcal{O}(0; \{2^4, 5^7, 10^8\})$	214748364
10	$\mathcal{O}(0; \{2^7, 5^4, 10^9\})$	13421772
10	$\mathcal{O}(0; \{2^{10}, 5, 10^{10}\})$	838860
10	$\mathcal{O}(0; \{2^2, 5^6, 10^{10}\})$	858993460
10	$\mathcal{O}(0; \{2^5, 5^3, 10^{11}\})$	53687092
10	$\mathcal{O}(0; \{2^8, 10^{12}\})$	3355444

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{5^5, 10^{12}\})$	3435973836
10	$\mathcal{O}(0; \{2^3, 5^2, 10^{13}\})$	214748364
10	$\mathcal{O}(0; \{2, 5, 10^{15}\})$	858993460
11	$\mathcal{O}(5; \{11^4\})$	23603056386910
11	$\mathcal{O}(0; \{11^{15}\})$	90909090909090
12	$\mathcal{O}(5; \{3^4\})$	371141388288
12	$\mathcal{O}(5; \{2, 3^2, 6\})$	123713796096
12	$\mathcal{O}(5; \{2^2, 6^2\})$	123713796096
12	$\mathcal{O}(5; \{6, 12^2\})$	247669456896
12	$\mathcal{O}(4; \{2^4, 3^4\})$	2569812480
12	$\mathcal{O}(4; \{3^7\})$	17988687360
12	$\mathcal{O}(4; \{2, 3^4, 4^2\})$	5159780352
12	$\mathcal{O}(4; \{2^5, 3^2, 6\})$	856604160
12	$\mathcal{O}(4; \{2, 3^5, 6\})$	9422645760
12	$\mathcal{O}(4; \{2^2, 3^2, 4^2, 6\})$	1719926784
12	$\mathcal{O}(4; \{2^6, 6^2\})$	856604160
12	$\mathcal{O}(4; \{2^2, 3^3, 6^2\})$	4283020800
12	$\mathcal{O}(4; \{2^3, 4^2, 6^2\})$	1719926784
12	$\mathcal{O}(4; \{4^4, 6^2\})$	6879707136
12	$\mathcal{O}(4; \{2^3, 3, 6^3\})$	2569812480
12	$\mathcal{O}(4; \{3, 4^2, 6^3\})$	5159780352
12	$\mathcal{O}(4; \{3^2, 6^4\})$	9422645760
12	$\mathcal{O}(4; \{2, 6^5\})$	4283020800
12	$\mathcal{O}(4; \{2^2, 3^3, 4, 12\})$	5159780352
12	$\mathcal{O}(4; \{2^3, 3, 4, 6, 12\})$	1719926784
12	$\mathcal{O}(4; \{3, 4^3, 6, 12\})$	6879707136
12	$\mathcal{O}(4; \{3^2, 4, 6^2, 12\})$	8599633920
12	$\mathcal{O}(4; \{2, 4, 6^3, 12\})$	5159780352
12	$\mathcal{O}(4; \{2^3, 3^2, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{3^2, 4^2, 12^2\})$	20639121408
12	$\mathcal{O}(4; \{2^4, 6, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{3^3, 6, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2, 4^2, 6, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{2, 3, 6^2, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{2, 3, 4, 12^3\})$	20639121408
12	$\mathcal{O}(4; \{2^2, 12^4\})$	20639121408
12	$\mathcal{O}(3; \{2^8, 3^4\})$	17635968
12	$\mathcal{O}(3; \{2^4, 3^7\})$	123451776
12	$\mathcal{O}(3; \{3^{10}\})$	1005250176
12	$\mathcal{O}(3; \{2^5, 3^4, 4^2\})$	35831808
12	$\mathcal{O}(3; \{2, 3^7, 4^2\})$	250822656
12	$\mathcal{O}(3; \{2^2, 3^4, 4^4\})$	143327232
12	$\mathcal{O}(3; \{2^9, 3^2, 6\})$	5878656

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{4, 6^6, 12\})$	250822656
12	$\mathcal{O}(3; \{2^7, 3^2, 12^2\})$	35831808
12	$\mathcal{O}(3; \{2^3, 3^5, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2^4, 3^2, 4^2, 12^2\})$	143327232
12	$\mathcal{O}(3; \{3^5, 4^2, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^2, 4^4, 12^2\})$	573308928
12	$\mathcal{O}(3; \{2^8, 6, 12^2\})$	11943936
12	$\mathcal{O}(3; \{2^4, 3^3, 6, 12^2\})$	131383296
12	$\mathcal{O}(3; \{3^6, 6, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^5, 4^2, 6, 12^2\})$	47775744
12	$\mathcal{O}(3; \{2, 3^3, 4^2, 6, 12^2\})$	525533184
12	$\mathcal{O}(3; \{2^2, 4^4, 6, 12^2\})$	191102976
12	$\mathcal{O}(3; \{2^5, 3, 6^2, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2, 3^4, 6^2, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^2, 3, 4^2, 6^2, 12^2\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3^2, 6^3, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2^3, 6^4, 12^2\})$	131383296
12	$\mathcal{O}(3; \{4^2, 6^4, 12^2\})$	525533184
12	$\mathcal{O}(3; \{3, 6^5, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^5, 3, 4, 12^3\})$	143327232
12	$\mathcal{O}(3; \{2, 3^4, 4, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3, 4^3, 12^3\})$	573308928
12	$\mathcal{O}(3; \{2^2, 3^2, 4, 6, 12^3\})$	525533184
12	$\mathcal{O}(3; \{2^3, 4, 6^2, 12^3\})$	238878720
12	$\mathcal{O}(3; \{4^3, 6^2, 12^3\})$	955514880
12	$\mathcal{O}(3; \{3, 4, 6^3, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{2^6, 12^4\})$	143327232
12	$\mathcal{O}(3; \{2^2, 3^3, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 4^2, 12^4\})$	573308928
12	$\mathcal{O}(3; \{4^4, 12^4\})$	2293235712
12	$\mathcal{O}(3; \{2^3, 3, 6, 12^4\})$	525533184
12	$\mathcal{O}(3; \{3, 4^2, 6, 12^4\})$	2102132736
12	$\mathcal{O}(3; \{3^2, 6^2, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2, 6^3, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{3^2, 4, 12^5\})$	4013162496
12	$\mathcal{O}(3; \{2, 4, 6, 12^5\})$	2102132736
12	$\mathcal{O}(3; \{2, 3, 12^6\})$	4013162496
12	$\mathcal{O}(2; \{2^{12}, 3^4\})$	116640
12	$\mathcal{O}(2; \{2^8, 3^7\})$	816480
12	$\mathcal{O}(2; \{2^4, 3^{10}\})$	6648480
12	$\mathcal{O}(2; \{3^{13}\})$	53071200
12	$\mathcal{O}(2; \{2^9, 3^4, 4^2\})$	248832
12	$\mathcal{O}(2; \{2^5, 3^7, 4^2\})$	1741824

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2, 3^{10}, 4^2\})$	14183424
12	$\mathcal{O}(2; \{2^6, 3^4, 4^4\})$	995328
12	$\mathcal{O}(2; \{2^2, 3^7, 4^4\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^4, 4^6\})$	3981312
12	$\mathcal{O}(2; \{3^4, 4^8\})$	15925248
12	$\mathcal{O}(2; \{2^{13}, 3^2, 6\})$	38880
12	$\mathcal{O}(2; \{2^9, 3^5, 6\})$	427680
12	$\mathcal{O}(2; \{2^5, 3^8, 6\})$	3304800
12	$\mathcal{O}(2; \{2, 3^{11}, 6\})$	26555040
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4^2, 6\})$	82944
12	$\mathcal{O}(2; \{2^6, 3^5, 4^2, 6\})$	912384
12	$\mathcal{O}(2; \{2^2, 3^8, 4^2, 6\})$	7050240
12	$\mathcal{O}(2; \{2^7, 3^2, 4^4, 6\})$	331776
12	$\mathcal{O}(2; \{2^3, 3^5, 4^4, 6\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^2, 4^6, 6\})$	1327104
12	$\mathcal{O}(2; \{3^5, 4^6, 6\})$	14598144
12	$\mathcal{O}(2; \{2, 3^2, 4^8, 6\})$	5308416
12	$\mathcal{O}(2; \{2^{14}, 6^2\})$	38880
12	$\mathcal{O}(2; \{2^{10}, 3^3, 6^2\})$	194400
12	$\mathcal{O}(2; \{2^6, 3^6, 6^2\})$	1671840
12	$\mathcal{O}(2; \{2^2, 3^9, 6^2\})$	13258080
12	$\mathcal{O}(2; \{2^{11}, 4^2, 6^2\})$	82944
12	$\mathcal{O}(2; \{2^7, 3^3, 4^2, 6^2\})$	414720
12	$\mathcal{O}(2; \{2^3, 3^6, 4^2, 6^2\})$	3566592
12	$\mathcal{O}(2; \{2^8, 4^4, 6^2\})$	331776
12	$\mathcal{O}(2; \{2^4, 3^3, 4^4, 6^2\})$	1658880
12	$\mathcal{O}(2; \{3^6, 4^4, 6^2\})$	14266368
12	$\mathcal{O}(2; \{2^5, 4^6, 6^2\})$	1327104
12	$\mathcal{O}(2; \{2, 3^3, 4^6, 6^2\})$	6635520
12	$\mathcal{O}(2; \{2^2, 4^8, 6^2\})$	5308416
12	$\mathcal{O}(2; \{2^{11}, 3, 6^3\})$	116640
12	$\mathcal{O}(2; \{2^7, 3^4, 6^3\})$	816480
12	$\mathcal{O}(2; \{2^3, 3^7, 6^3\})$	6648480
12	$\mathcal{O}(2; \{2^8, 3, 4^2, 6^3\})$	248832
12	$\mathcal{O}(2; \{2^4, 3^4, 4^2, 6^3\})$	1741824
12	$\mathcal{O}(2; \{3^7, 4^2, 6^3\})$	14183424
12	$\mathcal{O}(2; \{2^5, 3, 4^4, 6^3\})$	995328
12	$\mathcal{O}(2; \{2, 3^4, 4^4, 6^3\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3, 4^6, 6^3\})$	3981312
12	$\mathcal{O}(2; \{2^8, 3^2, 6^4\})$	427680
12	$\mathcal{O}(2; \{2^4, 3^5, 6^4\})$	3304800
12	$\mathcal{O}(2; \{3^8, 6^4\})$	26555040
12	$\mathcal{O}(2; \{2^5, 3^2, 4^2, 6^4\})$	912384

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2, 3^5, 4^2, 6^4\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3^2, 4^4, 6^4\})$	3649536
12	$\mathcal{O}(2; \{2^9, 6^5\})$	194400
12	$\mathcal{O}(2; \{2^5, 3^3, 6^5\})$	1671840
12	$\mathcal{O}(2; \{2, 3^6, 6^5\})$	13258080
12	$\mathcal{O}(2; \{2^6, 4^2, 6^5\})$	414720
12	$\mathcal{O}(2; \{2^2, 3^3, 4^2, 6^5\})$	3566592
12	$\mathcal{O}(2; \{2^3, 4^4, 6^5\})$	1658880
12	$\mathcal{O}(2; \{4^6, 6^5\})$	6635520
12	$\mathcal{O}(2; \{2^6, 3, 6^6\})$	816480
12	$\mathcal{O}(2; \{2^2, 3^4, 6^6\})$	6648480
12	$\mathcal{O}(2; \{2^3, 3, 4^2, 6^6\})$	1741824
12	$\mathcal{O}(2; \{3, 4^4, 6^6\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^2, 6^7\})$	3304800
12	$\mathcal{O}(2; \{3^2, 4^2, 6^7\})$	7050240
12	$\mathcal{O}(2; \{2^4, 6^8\})$	1671840
12	$\mathcal{O}(2; \{3^3, 6^8\})$	13258080
12	$\mathcal{O}(2; \{2, 4^2, 6^8\})$	3566592
12	$\mathcal{O}(2; \{2, 3, 6^9\})$	6648480
12	$\mathcal{O}(2; \{2^{10}, 3^3, 4, 12\})$	248832
12	$\mathcal{O}(2; \{2^6, 3^6, 4, 12\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^9, 4, 12\})$	14183424
12	$\mathcal{O}(2; \{2^7, 3^3, 4^3, 12\})$	995328
12	$\mathcal{O}(2; \{2^3, 3^6, 4^3, 12\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^3, 4^5, 12\})$	3981312
12	$\mathcal{O}(2; \{3^6, 4^5, 12\})$	27869184
12	$\mathcal{O}(2; \{2, 3^3, 4^7, 12\})$	15925248
12	$\mathcal{O}(2; \{2^{11}, 3, 4, 6, 12\})$	82944
12	$\mathcal{O}(2; \{2^7, 3^4, 4, 6, 12\})$	912384
12	$\mathcal{O}(2; \{2^3, 3^7, 4, 6, 12\})$	7050240
12	$\mathcal{O}(2; \{2^8, 3, 4^3, 6, 12\})$	331776
12	$\mathcal{O}(2; \{2^4, 3^4, 4^3, 6, 12\})$	3649536
12	$\mathcal{O}(2; \{3^7, 4^3, 6, 12\})$	28200960
12	$\mathcal{O}(2; \{2^5, 3, 4^5, 6, 12\})$	1327104
12	$\mathcal{O}(2; \{2, 3^4, 4^5, 6, 12\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3, 4^7, 6, 12\})$	5308416
12	$\mathcal{O}(2; \{2^8, 3^2, 4, 6^2, 12\})$	414720
12	$\mathcal{O}(2; \{2^4, 3^5, 4, 6^2, 12\})$	3566592
12	$\mathcal{O}(2; \{3^8, 4, 6^2, 12\})$	28283904
12	$\mathcal{O}(2; \{2^5, 3^2, 4^3, 6^2, 12\})$	1658880
12	$\mathcal{O}(2; \{2, 3^5, 4^3, 6^2, 12\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^2, 4^5, 6^2, 12\})$	6635520
12	$\mathcal{O}(2; \{2^9, 4, 6^3, 12\})$	248832

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{2^7, 3, 6, 12^4\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^4, 6, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2^4, 3, 4^2, 6, 12^4\})$	14598144
12	$\mathcal{O}(2; \{3^4, 4^2, 6, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2, 3, 4^4, 6, 12^4\})$	58392576
12	$\mathcal{O}(2; \{2^4, 3^2, 6^2, 12^4\})$	14266368
12	$\mathcal{O}(2; \{3^5, 6^2, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2, 3^2, 4^2, 6^2, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2^5, 6^3, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2, 3^3, 6^3, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^2, 4^2, 6^3, 12^4\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3, 6^4, 12^4\})$	28200960
12	$\mathcal{O}(2; \{6^6, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^4, 3^2, 4, 12^5\})$	27869184
12	$\mathcal{O}(2; \{3^5, 4, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2, 3^2, 4^3, 12^5\})$	111476736
12	$\mathcal{O}(2; \{2^5, 4, 6, 12^5\})$	14598144
12	$\mathcal{O}(2; \{2, 3^3, 4, 6, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2^2, 4^3, 6, 12^5\})$	58392576
12	$\mathcal{O}(2; \{2^2, 3, 4, 6^2, 12^5\})$	57065472
12	$\mathcal{O}(2; \{4, 6^4, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2^5, 3, 12^6\})$	27869184
12	$\mathcal{O}(2; \{2, 3^4, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2^2, 3, 4^2, 12^6\})$	111476736
12	$\mathcal{O}(2; \{2^2, 3^2, 6, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2^3, 6^2, 12^6\})$	57065472
12	$\mathcal{O}(2; \{4^2, 6^2, 12^6\})$	228261888
12	$\mathcal{O}(2; \{3, 6^3, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2^3, 4, 12^7\})$	111476736
12	$\mathcal{O}(2; \{4^3, 12^7\})$	445906944
12	$\mathcal{O}(2; \{3, 4, 6, 12^7\})$	451215360
12	$\mathcal{O}(2; \{3^2, 12^8\})$	907739136
12	$\mathcal{O}(2; \{2, 6, 12^8\})$	451215360
12	$\mathcal{O}(1; \{2^{16}, 3^4\})$	648
12	$\mathcal{O}(1; \{2^{12}, 3^7\})$	4536
12	$\mathcal{O}(1; \{2^8, 3^{10}\})$	36936
12	$\mathcal{O}(1; \{2^4, 3^{13}\})$	294840
12	$\mathcal{O}(1; \{3^{16}\})$	2359368
12	$\mathcal{O}(1; \{2^{13}, 3^4, 4^2\})$	1728
12	$\mathcal{O}(1; \{2^9, 3^7, 4^2\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^{10}, 4^2\})$	98496
12	$\mathcal{O}(1; \{2, 3^{13}, 4^2\})$	786240
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^4\})$	6912

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^6, 3^7, 4^4\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^4\})$	393984
12	$\mathcal{O}(1; \{2^7, 3^4, 4^6\})$	27648
12	$\mathcal{O}(1; \{2^3, 3^7, 4^6\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^4, 4^8\})$	110592
12	$\mathcal{O}(1; \{3^7, 4^8\})$	774144
12	$\mathcal{O}(1; \{2, 3^4, 4^{10}\})$	442368
12	$\mathcal{O}(1; \{2^{17}, 3^2, 6\})$	216
12	$\mathcal{O}(1; \{2^{13}, 3^5, 6\})$	2376
12	$\mathcal{O}(1; \{2^9, 3^8, 6\})$	18360
12	$\mathcal{O}(1; \{2^5, 3^{11}, 6\})$	147528
12	$\mathcal{O}(1; \{2, 3^{14}, 6\})$	1179576
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4^2, 6\})$	576
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4^2, 6\})$	6336
12	$\mathcal{O}(1; \{2^6, 3^8, 4^2, 6\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4^2, 6\})$	393408
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^4, 6\})$	2304
12	$\mathcal{O}(1; \{2^7, 3^5, 4^4, 6\})$	25344
12	$\mathcal{O}(1; \{2^3, 3^8, 4^4, 6\})$	195840
12	$\mathcal{O}(1; \{2^8, 3^2, 4^6, 6\})$	9216
12	$\mathcal{O}(1; \{2^4, 3^5, 4^6, 6\})$	101376
12	$\mathcal{O}(1; \{3^8, 4^6, 6\})$	783360
12	$\mathcal{O}(1; \{2^5, 3^2, 4^8, 6\})$	36864
12	$\mathcal{O}(1; \{2, 3^5, 4^8, 6\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^2, 4^{10}, 6\})$	147456
12	$\mathcal{O}(1; \{2^{18}, 6^2\})$	216
12	$\mathcal{O}(1; \{2^{14}, 3^3, 6^2\})$	1080
12	$\mathcal{O}(1; \{2^{10}, 3^6, 6^2\})$	9288
12	$\mathcal{O}(1; \{2^6, 3^9, 6^2\})$	73656
12	$\mathcal{O}(1; \{2^2, 3^{12}, 6^2\})$	589896
12	$\mathcal{O}(1; \{2^{15}, 4^2, 6^2\})$	576
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^2, 6^2\})$	2880
12	$\mathcal{O}(1; \{2^7, 3^6, 4^2, 6^2\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^9, 4^2, 6^2\})$	196416
12	$\mathcal{O}(1; \{2^{12}, 4^4, 6^2\})$	2304
12	$\mathcal{O}(1; \{2^8, 3^3, 4^4, 6^2\})$	11520
12	$\mathcal{O}(1; \{2^4, 3^6, 4^4, 6^2\})$	99072
12	$\mathcal{O}(1; \{3^9, 4^4, 6^2\})$	785664
12	$\mathcal{O}(1; \{2^9, 4^6, 6^2\})$	9216
12	$\mathcal{O}(1; \{2^5, 3^3, 4^6, 6^2\})$	46080
12	$\mathcal{O}(1; \{2, 3^6, 4^6, 6^2\})$	396288
12	$\mathcal{O}(1; \{2^6, 4^8, 6^2\})$	36864
12	$\mathcal{O}(1; \{2^2, 3^3, 4^8, 6^2\})$	184320

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 4^{10}, 6^2\})$	147456
12	$\mathcal{O}(1; \{4^{12}, 6^2\})$	589824
12	$\mathcal{O}(1; \{2^{15}, 3, 6^3\})$	648
12	$\mathcal{O}(1; \{2^{11}, 3^4, 6^3\})$	4536
12	$\mathcal{O}(1; \{2^7, 3^7, 6^3\})$	36936
12	$\mathcal{O}(1; \{2^3, 3^{10}, 6^3\})$	294840
12	$\mathcal{O}(1; \{2^{12}, 3, 4^2, 6^3\})$	1728
12	$\mathcal{O}(1; \{2^8, 3^4, 4^2, 6^3\})$	12096
12	$\mathcal{O}(1; \{2^4, 3^7, 4^2, 6^3\})$	98496
12	$\mathcal{O}(1; \{3^{10}, 4^2, 6^3\})$	786240
12	$\mathcal{O}(1; \{2^9, 3, 4^4, 6^3\})$	6912
12	$\mathcal{O}(1; \{2^5, 3^4, 4^4, 6^3\})$	48384
12	$\mathcal{O}(1; \{2, 3^7, 4^4, 6^3\})$	393984
12	$\mathcal{O}(1; \{2^6, 3, 4^6, 6^3\})$	27648
12	$\mathcal{O}(1; \{2^2, 3^4, 4^6, 6^3\})$	193536
12	$\mathcal{O}(1; \{2^3, 3, 4^8, 6^3\})$	110592
12	$\mathcal{O}(1; \{3, 4^{10}, 6^3\})$	442368
12	$\mathcal{O}(1; \{2^{12}, 3^2, 6^4\})$	2376
12	$\mathcal{O}(1; \{2^8, 3^5, 6^4\})$	18360
12	$\mathcal{O}(1; \{2^4, 3^8, 6^4\})$	147528
12	$\mathcal{O}(1; \{3^{11}, 6^4\})$	1179576
12	$\mathcal{O}(1; \{2^9, 3^2, 4^2, 6^4\})$	6336
12	$\mathcal{O}(1; \{2^5, 3^5, 4^2, 6^4\})$	48960
12	$\mathcal{O}(1; \{2, 3^8, 4^2, 6^4\})$	393408
12	$\mathcal{O}(1; \{2^6, 3^2, 4^4, 6^4\})$	25344
12	$\mathcal{O}(1; \{2^2, 3^5, 4^4, 6^4\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^2, 4^6, 6^4\})$	101376
12	$\mathcal{O}(1; \{3^2, 4^8, 6^4\})$	405504
12	$\mathcal{O}(1; \{2^{13}, 6^5\})$	1080
12	$\mathcal{O}(1; \{2^9, 3^3, 6^5\})$	9288
12	$\mathcal{O}(1; \{2^5, 3^6, 6^5\})$	73656
12	$\mathcal{O}(1; \{2, 3^9, 6^5\})$	589896
12	$\mathcal{O}(1; \{2^{10}, 4^2, 6^5\})$	2880
12	$\mathcal{O}(1; \{2^6, 3^3, 4^2, 6^5\})$	24768
12	$\mathcal{O}(1; \{2^2, 3^6, 4^2, 6^5\})$	196416
12	$\mathcal{O}(1; \{2^7, 4^4, 6^5\})$	11520
12	$\mathcal{O}(1; \{2^3, 3^3, 4^4, 6^5\})$	99072
12	$\mathcal{O}(1; \{2^4, 4^6, 6^5\})$	46080
12	$\mathcal{O}(1; \{3^3, 4^6, 6^5\})$	396288
12	$\mathcal{O}(1; \{2, 4^8, 6^5\})$	184320
12	$\mathcal{O}(1; \{2^{10}, 3, 6^6\})$	4536
12	$\mathcal{O}(1; \{2^6, 3^4, 6^6\})$	36936
12	$\mathcal{O}(1; \{2^2, 3^7, 6^6\})$	294840

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^7, 3, 4^2, 6^6\})$	12096
12	$\mathcal{O}(1; \{2^3, 3^4, 4^2, 6^6\})$	98496
12	$\mathcal{O}(1; \{2^4, 3, 4^4, 6^6\})$	48384
12	$\mathcal{O}(1; \{3^4, 4^4, 6^6\})$	393984
12	$\mathcal{O}(1; \{2, 3, 4^6, 6^6\})$	193536
12	$\mathcal{O}(1; \{2^7, 3^2, 6^7\})$	18360
12	$\mathcal{O}(1; \{2^3, 3^5, 6^7\})$	147528
12	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 6^7\})$	48960
12	$\mathcal{O}(1; \{3^5, 4^2, 6^7\})$	393408
12	$\mathcal{O}(1; \{2, 3^2, 4^4, 6^7\})$	195840
12	$\mathcal{O}(1; \{2^8, 6^8\})$	9288
12	$\mathcal{O}(1; \{2^4, 3^3, 6^8\})$	73656
12	$\mathcal{O}(1; \{3^6, 6^8\})$	589896
12	$\mathcal{O}(1; \{2^5, 4^2, 6^8\})$	24768
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 6^8\})$	196416
12	$\mathcal{O}(1; \{2^2, 4^4, 6^8\})$	99072
12	$\mathcal{O}(1; \{2^5, 3, 6^9\})$	36936
12	$\mathcal{O}(1; \{2, 3^4, 6^9\})$	294840
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^9\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^2, 6^{10}\})$	147528
12	$\mathcal{O}(1; \{2^3, 6^{11}\})$	73656
12	$\mathcal{O}(1; \{4^2, 6^{11}\})$	196416
12	$\mathcal{O}(1; \{3, 6^{12}\})$	294840
12	$\mathcal{O}(1; \{2^{14}, 3^3, 4, 12\})$	1728
12	$\mathcal{O}(1; \{2^{10}, 3^6, 4, 12\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^9, 4, 12\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^{12}, 4, 12\})$	786240
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^3, 12\})$	6912
12	$\mathcal{O}(1; \{2^7, 3^6, 4^3, 12\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^9, 4^3, 12\})$	393984
12	$\mathcal{O}(1; \{2^8, 3^3, 4^5, 12\})$	27648
12	$\mathcal{O}(1; \{2^4, 3^6, 4^5, 12\})$	193536
12	$\mathcal{O}(1; \{3^9, 4^5, 12\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3^3, 4^7, 12\})$	110592
12	$\mathcal{O}(1; \{2, 3^6, 4^7, 12\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^3, 4^9, 12\})$	442368
12	$\mathcal{O}(1; \{2^{15}, 3, 4, 6, 12\})$	576
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4, 6, 12\})$	6336
12	$\mathcal{O}(1; \{2^7, 3^7, 4, 6, 12\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4, 6, 12\})$	393408
12	$\mathcal{O}(1; \{2^{12}, 3, 4^3, 6, 12\})$	2304
12	$\mathcal{O}(1; \{2^8, 3^4, 4^3, 6, 12\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^7, 4^3, 6, 12\})$	195840

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{3^{10}, 4^3, 6, 12\})$	1573632
12	$\mathcal{O}(1; \{2^9, 3, 4^5, 6, 12\})$	9216
12	$\mathcal{O}(1; \{2^5, 3^4, 4^5, 6, 12\})$	101376
12	$\mathcal{O}(1; \{2, 3^7, 4^5, 6, 12\})$	783360
12	$\mathcal{O}(1; \{2^6, 3, 4^7, 6, 12\})$	36864
12	$\mathcal{O}(1; \{2^2, 3^4, 4^7, 6, 12\})$	405504
12	$\mathcal{O}(1; \{2^3, 3, 4^9, 6, 12\})$	147456
12	$\mathcal{O}(1; \{3, 4^{11}, 6, 12\})$	589824
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4, 6^2, 12\})$	2880
12	$\mathcal{O}(1; \{2^8, 3^5, 4, 6^2, 12\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^8, 4, 6^2, 12\})$	196416
12	$\mathcal{O}(1; \{3^{11}, 4, 6^2, 12\})$	1573056
12	$\mathcal{O}(1; \{2^9, 3^2, 4^3, 6^2, 12\})$	11520
12	$\mathcal{O}(1; \{2^5, 3^5, 4^3, 6^2, 12\})$	99072
12	$\mathcal{O}(1; \{2, 3^8, 4^3, 6^2, 12\})$	785664
12	$\mathcal{O}(1; \{2^6, 3^2, 4^5, 6^2, 12\})$	46080
12	$\mathcal{O}(1; \{2^2, 3^5, 4^5, 6^2, 12\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^2, 4^7, 6^2, 12\})$	184320
12	$\mathcal{O}(1; \{3^2, 4^9, 6^2, 12\})$	737280
12	$\mathcal{O}(1; \{2^{13}, 4, 6^3, 12\})$	1728
12	$\mathcal{O}(1; \{2^9, 3^3, 4, 6^3, 12\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^6, 4, 6^3, 12\})$	98496
12	$\mathcal{O}(1; \{2, 3^9, 4, 6^3, 12\})$	786240
12	$\mathcal{O}(1; \{2^{10}, 4^3, 6^3, 12\})$	6912
12	$\mathcal{O}(1; \{2^6, 3^3, 4^3, 6^3, 12\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^6, 4^3, 6^3, 12\})$	393984
12	$\mathcal{O}(1; \{2^7, 4^5, 6^3, 12\})$	27648
12	$\mathcal{O}(1; \{2^3, 3^3, 4^5, 6^3, 12\})$	193536
12	$\mathcal{O}(1; \{2^4, 4^7, 6^3, 12\})$	110592
12	$\mathcal{O}(1; \{3^3, 4^7, 6^3, 12\})$	774144
12	$\mathcal{O}(1; \{2, 4^9, 6^3, 12\})$	442368
12	$\mathcal{O}(1; \{2^{10}, 3, 4, 6^4, 12\})$	6336
12	$\mathcal{O}(1; \{2^6, 3^4, 4, 6^4, 12\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^7, 4, 6^4, 12\})$	393408
12	$\mathcal{O}(1; \{2^7, 3, 4^3, 6^4, 12\})$	25344
12	$\mathcal{O}(1; \{2^3, 3^4, 4^3, 6^4, 12\})$	195840
12	$\mathcal{O}(1; \{2^4, 3, 4^5, 6^4, 12\})$	101376
12	$\mathcal{O}(1; \{3^4, 4^5, 6^4, 12\})$	783360
12	$\mathcal{O}(1; \{2, 3, 4^7, 6^4, 12\})$	405504
12	$\mathcal{O}(1; \{2^7, 3^2, 4, 6^5, 12\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^5, 4, 6^5, 12\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^2, 4^3, 6^5, 12\})$	99072
12	$\mathcal{O}(1; \{3^5, 4^3, 6^5, 12\})$	785664

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2, 3^2, 4^5, 6^5, 12\})$	396288
12	$\mathcal{O}(1; \{2^8, 4, 6^6, 12\})$	12096
12	$\mathcal{O}(1; \{2^4, 3^3, 4, 6^6, 12\})$	98496
12	$\mathcal{O}(1; \{3^6, 4, 6^6, 12\})$	786240
12	$\mathcal{O}(1; \{2^5, 4^3, 6^6, 12\})$	48384
12	$\mathcal{O}(1; \{2, 3^3, 4^3, 6^6, 12\})$	393984
12	$\mathcal{O}(1; \{2^2, 4^5, 6^6, 12\})$	193536
12	$\mathcal{O}(1; \{2^5, 3, 4, 6^7, 12\})$	48960
12	$\mathcal{O}(1; \{2, 3^4, 4, 6^7, 12\})$	393408
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 6^7, 12\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^8, 12\})$	196416
12	$\mathcal{O}(1; \{2^3, 4, 6^9, 12\})$	98496
12	$\mathcal{O}(1; \{4^3, 6^9, 12\})$	393984
12	$\mathcal{O}(1; \{3, 4, 6^{10}, 12\})$	393408
12	$\mathcal{O}(1; \{2^{15}, 3^2, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{11}, 3^5, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^8, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^{11}, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^2, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^8, 3^5, 4^2, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^8, 4^2, 12^2\})$	393984
12	$\mathcal{O}(1; \{3^{11}, 4^2, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^9, 3^2, 4^4, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^5, 3^5, 4^4, 12^2\})$	193536
12	$\mathcal{O}(1; \{2, 3^8, 4^4, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^6, 3^2, 4^6, 12^2\})$	110592
12	$\mathcal{O}(1; \{2^2, 3^5, 4^6, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^2, 4^8, 12^2\})$	442368
12	$\mathcal{O}(1; \{3^2, 4^{10}, 12^2\})$	1769472
12	$\mathcal{O}(1; \{2^{16}, 6, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{12}, 3^3, 6, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^6, 6, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^9, 6, 12^2\})$	393408
12	$\mathcal{O}(1; \{3^{12}, 6, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{13}, 4^2, 6, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^9, 3^3, 4^2, 6, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^6, 4^2, 6, 12^2\})$	195840
12	$\mathcal{O}(1; \{2, 3^9, 4^2, 6, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^{10}, 4^4, 6, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^6, 3^3, 4^4, 6, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^6, 4^4, 6, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^7, 4^6, 6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^3, 3^3, 4^6, 6, 12^2\})$	405504

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 4^2, 6^7, 12^2\})$	195840
12	$\mathcal{O}(1; \{4^4, 6^7, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^3, 3, 6^8, 12^2\})$	196416
12	$\mathcal{O}(1; \{3, 4^2, 6^8, 12^2\})$	785664
12	$\mathcal{O}(1; \{3^2, 6^9, 12^2\})$	786240
12	$\mathcal{O}(1; \{2, 6^{10}, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^{13}, 3, 4, 12^3\})$	6912
12	$\mathcal{O}(1; \{2^9, 3^4, 4, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^7, 4, 12^3\})$	393984
12	$\mathcal{O}(1; \{2, 3^{10}, 4, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^{10}, 3, 4^3, 12^3\})$	27648
12	$\mathcal{O}(1; \{2^6, 3^4, 4^3, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^7, 4^3, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^7, 3, 4^5, 12^3\})$	110592
12	$\mathcal{O}(1; \{2^3, 3^4, 4^5, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^4, 3, 4^7, 12^3\})$	442368
12	$\mathcal{O}(1; \{3^4, 4^7, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2, 3, 4^9, 12^3\})$	1769472
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4, 6, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^5, 4, 6, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^8, 4, 6, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^7, 3^2, 4^3, 6, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^5, 4^3, 6, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^2, 4^5, 6, 12^3\})$	405504
12	$\mathcal{O}(1; \{3^5, 4^5, 6, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2, 3^2, 4^7, 6, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2^{11}, 4, 6^2, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^3, 4, 6^2, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^6, 4, 6^2, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^8, 4^3, 6^2, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^3, 4^3, 6^2, 12^3\})$	396288
12	$\mathcal{O}(1; \{3^6, 4^3, 6^2, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^5, 4^5, 6^2, 12^3\})$	184320
12	$\mathcal{O}(1; \{2, 3^3, 4^5, 6^2, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^2, 4^7, 6^2, 12^3\})$	737280
12	$\mathcal{O}(1; \{2^8, 3, 4, 6^3, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^4, 4, 6^3, 12^3\})$	393984
12	$\mathcal{O}(1; \{3^7, 4, 6^3, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^5, 3, 4^3, 6^3, 12^3\})$	193536
12	$\mathcal{O}(1; \{2, 3^4, 4^3, 6^3, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3, 4^5, 6^3, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^5, 3^2, 4, 6^4, 12^3\})$	195840
12	$\mathcal{O}(1; \{2, 3^5, 4, 6^4, 12^3\})$	1573632

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 6^4, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^6, 4, 6^5, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 6^5, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^3, 4^3, 6^5, 12^3\})$	396288
12	$\mathcal{O}(1; \{4^5, 6^5, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3, 4, 6^6, 12^3\})$	393984
12	$\mathcal{O}(1; \{3, 4^3, 6^6, 12^3\})$	1575936
12	$\mathcal{O}(1; \{3^2, 4, 6^7, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2, 4, 6^8, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^{14}, 12^4\})$	6912
12	$\mathcal{O}(1; \{2^{10}, 3^3, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^9, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^{11}, 4^2, 12^4\})$	27648
12	$\mathcal{O}(1; \{2^7, 3^3, 4^2, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^6, 4^2, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^8, 4^4, 12^4\})$	110592
12	$\mathcal{O}(1; \{2^4, 3^3, 4^4, 12^4\})$	774144
12	$\mathcal{O}(1; \{3^6, 4^4, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^5, 4^6, 12^4\})$	442368
12	$\mathcal{O}(1; \{2, 3^3, 4^6, 12^4\})$	3096576
12	$\mathcal{O}(1; \{2^2, 4^8, 12^4\})$	1769472
12	$\mathcal{O}(1; \{2^{11}, 3, 6, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^4, 6, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^7, 6, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^8, 3, 4^2, 6, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^4, 4^2, 6, 12^4\})$	783360
12	$\mathcal{O}(1; \{3^7, 4^2, 6, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^5, 3, 4^4, 6, 12^4\})$	405504
12	$\mathcal{O}(1; \{2, 3^4, 4^4, 6, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3, 4^6, 6, 12^4\})$	1622016
12	$\mathcal{O}(1; \{2^8, 3^2, 6^2, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^5, 6^2, 12^4\})$	785664
12	$\mathcal{O}(1; \{3^8, 6^2, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 6^2, 12^4\})$	396288
12	$\mathcal{O}(1; \{2, 3^5, 4^2, 6^2, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 6^2, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^9, 6^3, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^3, 6^3, 12^4\})$	393984
12	$\mathcal{O}(1; \{2, 3^6, 6^3, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^6, 4^2, 6^3, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6^3, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^3, 4^4, 6^3, 12^4\})$	774144

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{4^6, 6^3, 12^4\})$	3096576
12	$\mathcal{O}(1; \{2^6, 3, 6^4, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^4, 6^4, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^4, 12^4\})$	783360
12	$\mathcal{O}(1; \{3, 4^4, 6^4, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3^2, 6^5, 12^4\})$	785664
12	$\mathcal{O}(1; \{3^2, 4^2, 6^5, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^4, 6^6, 12^4\})$	393984
12	$\mathcal{O}(1; \{3^3, 6^6, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2, 4^2, 6^6, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2, 3, 6^7, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^8, 3^2, 4, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^5, 4, 12^5\})$	1575936
12	$\mathcal{O}(1; \{3^8, 4, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^5, 3^2, 4^3, 12^5\})$	774144
12	$\mathcal{O}(1; \{2, 3^5, 4^3, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^2, 4^5, 12^5\})$	3096576
12	$\mathcal{O}(1; \{2^9, 4, 6, 12^5\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^3, 4, 6, 12^5\})$	783360
12	$\mathcal{O}(1; \{2, 3^6, 4, 6, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^6, 4^3, 6, 12^5\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^3, 4^3, 6, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2^3, 4^5, 6, 12^5\})$	1622016
12	$\mathcal{O}(1; \{4^7, 6, 12^5\})$	6488064
12	$\mathcal{O}(1; \{2^6, 3, 4, 6^2, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^4, 4, 6^2, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3, 4^3, 6^2, 12^5\})$	1585152
12	$\mathcal{O}(1; \{3, 4^5, 6^2, 12^5\})$	6340608
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 6^3, 12^5\})$	1575936
12	$\mathcal{O}(1; \{3^2, 4^3, 6^3, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2^4, 4, 6^4, 12^5\})$	783360
12	$\mathcal{O}(1; \{3^3, 4, 6^4, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2, 4^3, 6^4, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2, 3, 4, 6^5, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^9, 3, 12^6\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^4, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2, 3^7, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 12^6\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 12^6\})$	3096576
12	$\mathcal{O}(1; \{3, 4^6, 12^6\})$	12386304
12	$\mathcal{O}(1; \{2^6, 3^2, 6, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^5, 6, 12^6\})$	6294528

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6, 12^6\})$	3133440
12	$\mathcal{O}(1; \{3^2, 4^4, 6, 12^6\})$	12533760
12	$\mathcal{O}(1; \{2^7, 6^2, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^3, 6^2, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^4, 4^2, 6^2, 12^6\})$	1585152
12	$\mathcal{O}(1; \{3^3, 4^2, 6^2, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2, 4^4, 6^2, 12^6\})$	6340608
12	$\mathcal{O}(1; \{2^4, 3, 6^3, 12^6\})$	1575936
12	$\mathcal{O}(1; \{3^4, 6^3, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^3, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2, 3^2, 6^4, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^2, 6^5, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2^7, 4, 12^7\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^3, 4, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2^4, 4^3, 12^7\})$	3096576
12	$\mathcal{O}(1; \{3^3, 4^3, 12^7\})$	25214976
12	$\mathcal{O}(1; \{2, 4^5, 12^7\})$	12386304
12	$\mathcal{O}(1; \{2^4, 3, 4, 6, 12^7\})$	3133440
12	$\mathcal{O}(1; \{3^4, 4, 6, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2, 3, 4^3, 6, 12^7\})$	12533760
12	$\mathcal{O}(1; \{2, 3^2, 4, 6^2, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2^2, 4, 6^3, 12^7\})$	6303744
12	$\mathcal{O}(1; \{2^4, 3^2, 12^8\})$	6303744
12	$\mathcal{O}(1; \{3^5, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 12^8\})$	25214976
12	$\mathcal{O}(1; \{2^5, 6, 12^8\})$	3133440
12	$\mathcal{O}(1; \{2, 3^3, 6, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2^2, 4^2, 6, 12^8\})$	12533760
12	$\mathcal{O}(1; \{2^2, 3, 6^2, 12^8\})$	12570624
12	$\mathcal{O}(1; \{6^4, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2^2, 3, 4, 12^9\})$	25214976
12	$\mathcal{O}(1; \{4, 6^2, 12^9\})$	50282496
12	$\mathcal{O}(1; \{2^3, 12^{10}\})$	25214976
12	$\mathcal{O}(1; \{4^2, 12^{10}\})$	100859904
12	$\mathcal{O}(1; \{3, 6, 12^{10}\})$	100712448
12	$\mathcal{O}(0; \{2^{17}, 3^4, 4^2\})$	12
12	$\mathcal{O}(0; \{2^{13}, 3^7, 4^2\})$	84
12	$\mathcal{O}(0; \{2^9, 3^{10}, 4^2\})$	684
12	$\mathcal{O}(0; \{2^5, 3^{13}, 4^2\})$	5460
12	$\mathcal{O}(0; \{2, 3^{16}, 4^2\})$	43692
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^4\})$	48
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^4\})$	336
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^4\})$	2736

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^4\})$	21840
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^6\})$	192
12	$\mathcal{O}(0; \{2^7, 3^7, 4^6\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^6\})$	10944
12	$\mathcal{O}(0; \{2^8, 3^4, 4^8\})$	768
12	$\mathcal{O}(0; \{2^4, 3^7, 4^8\})$	5376
12	$\mathcal{O}(0; \{3^{10}, 4^8\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^4, 4^{10}\})$	3072
12	$\mathcal{O}(0; \{2, 3^7, 4^{10}\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{12}\})$	12288
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4^2, 6\})$	4
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4^2, 6\})$	44
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4^2, 6\})$	340
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4^2, 6\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4^2, 6\})$	21844
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^4, 6\})$	16
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^4, 6\})$	176
12	$\mathcal{O}(0; \{2^7, 3^8, 4^4, 6\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^4, 6\})$	10928
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^6, 6\})$	64
12	$\mathcal{O}(0; \{2^8, 3^5, 4^6, 6\})$	704
12	$\mathcal{O}(0; \{2^4, 3^8, 4^6, 6\})$	5440
12	$\mathcal{O}(0; \{3^{11}, 4^6, 6\})$	43712
12	$\mathcal{O}(0; \{2^9, 3^2, 4^8, 6\})$	256
12	$\mathcal{O}(0; \{2^5, 3^5, 4^8, 6\})$	2816
12	$\mathcal{O}(0; \{2, 3^8, 4^8, 6\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^2, 4^{10}, 6\})$	1024
12	$\mathcal{O}(0; \{2^2, 3^5, 4^{10}, 6\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{12}, 6\})$	4096
12	$\mathcal{O}(0; \{3^2, 4^{14}, 6\})$	16384
12	$\mathcal{O}(0; \{2^{19}, 4^2, 6^2\})$	4
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^2, 6^2\})$	20
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^2, 6^2\})$	172
12	$\mathcal{O}(0; \{2^7, 3^9, 4^2, 6^2\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^2, 6^2\})$	10924
12	$\mathcal{O}(0; \{2^{16}, 4^4, 6^2\})$	16
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^4, 6^2\})$	80
12	$\mathcal{O}(0; \{2^8, 3^6, 4^4, 6^2\})$	688
12	$\mathcal{O}(0; \{2^4, 3^9, 4^4, 6^2\})$	5456
12	$\mathcal{O}(0; \{3^{12}, 4^4, 6^2\})$	43696
12	$\mathcal{O}(0; \{2^{13}, 4^6, 6^2\})$	64
12	$\mathcal{O}(0; \{2^9, 3^3, 4^6, 6^2\})$	320
12	$\mathcal{O}(0; \{2^5, 3^6, 4^6, 6^2\})$	2752

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^9, 4^6, 6^2\})$	21824
12	$\mathcal{O}(0; \{2^{10}, 4^8, 6^2\})$	256
12	$\mathcal{O}(0; \{2^6, 3^3, 4^8, 6^2\})$	1280
12	$\mathcal{O}(0; \{2^2, 3^6, 4^8, 6^2\})$	11008
12	$\mathcal{O}(0; \{2^7, 4^{10}, 6^2\})$	1024
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{10}, 6^2\})$	5120
12	$\mathcal{O}(0; \{2^4, 4^{12}, 6^2\})$	4096
12	$\mathcal{O}(0; \{3^3, 4^{12}, 6^2\})$	20480
12	$\mathcal{O}(0; \{2, 4^{14}, 6^2\})$	16384
12	$\mathcal{O}(0; \{2^{16}, 3, 4^2, 6^3\})$	12
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^2, 6^3\})$	84
12	$\mathcal{O}(0; \{2^8, 3^7, 4^2, 6^3\})$	684
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^2, 6^3\})$	5460
12	$\mathcal{O}(0; \{3^{13}, 4^2, 6^3\})$	43692
12	$\mathcal{O}(0; \{2^{13}, 3, 4^4, 6^3\})$	48
12	$\mathcal{O}(0; \{2^9, 3^4, 4^4, 6^3\})$	336
12	$\mathcal{O}(0; \{2^5, 3^7, 4^4, 6^3\})$	2736
12	$\mathcal{O}(0; \{2, 3^{10}, 4^4, 6^3\})$	21840
12	$\mathcal{O}(0; \{2^{10}, 3, 4^6, 6^3\})$	192
12	$\mathcal{O}(0; \{2^6, 3^4, 4^6, 6^3\})$	1344
12	$\mathcal{O}(0; \{2^2, 3^7, 4^6, 6^3\})$	10944
12	$\mathcal{O}(0; \{2^7, 3, 4^8, 6^3\})$	768
12	$\mathcal{O}(0; \{2^3, 3^4, 4^8, 6^3\})$	5376
12	$\mathcal{O}(0; \{2^4, 3, 4^{10}, 6^3\})$	3072
12	$\mathcal{O}(0; \{3^4, 4^{10}, 6^3\})$	21504
12	$\mathcal{O}(0; \{2, 3, 4^{12}, 6^3\})$	12288
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^2, 6^4\})$	44
12	$\mathcal{O}(0; \{2^9, 3^5, 4^2, 6^4\})$	340
12	$\mathcal{O}(0; \{2^5, 3^8, 4^2, 6^4\})$	2732
12	$\mathcal{O}(0; \{2, 3^{11}, 4^2, 6^4\})$	21844
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^4, 6^4\})$	176
12	$\mathcal{O}(0; \{2^6, 3^5, 4^4, 6^4\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^8, 4^4, 6^4\})$	10928
12	$\mathcal{O}(0; \{2^7, 3^2, 4^6, 6^4\})$	704
12	$\mathcal{O}(0; \{2^3, 3^5, 4^6, 6^4\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^2, 4^8, 6^4\})$	2816
12	$\mathcal{O}(0; \{3^5, 4^8, 6^4\})$	21760
12	$\mathcal{O}(0; \{2, 3^2, 4^{10}, 6^4\})$	11264
12	$\mathcal{O}(0; \{2^{14}, 4^2, 6^5\})$	20
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^2, 6^5\})$	172
12	$\mathcal{O}(0; \{2^6, 3^6, 4^2, 6^5\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^9, 4^2, 6^5\})$	10924
12	$\mathcal{O}(0; \{2^{11}, 4^4, 6^5\})$	80

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^7, 3^3, 4^4, 6^5\})$	688
12	$\mathcal{O}(0; \{2^3, 3^6, 4^4, 6^5\})$	5456
12	$\mathcal{O}(0; \{2^8, 4^6, 6^5\})$	320
12	$\mathcal{O}(0; \{2^4, 3^3, 4^6, 6^5\})$	2752
12	$\mathcal{O}(0; \{3^6, 4^6, 6^5\})$	21824
12	$\mathcal{O}(0; \{2^5, 4^8, 6^5\})$	1280
12	$\mathcal{O}(0; \{2, 3^3, 4^8, 6^5\})$	11008
12	$\mathcal{O}(0; \{2^2, 4^{10}, 6^5\})$	5120
12	$\mathcal{O}(0; \{2^{11}, 3, 4^2, 6^6\})$	84
12	$\mathcal{O}(0; \{2^7, 3^4, 4^2, 6^6\})$	684
12	$\mathcal{O}(0; \{2^3, 3^7, 4^2, 6^6\})$	5460
12	$\mathcal{O}(0; \{2^8, 3, 4^4, 6^6\})$	336
12	$\mathcal{O}(0; \{2^4, 3^4, 4^4, 6^6\})$	2736
12	$\mathcal{O}(0; \{3^7, 4^4, 6^6\})$	21840
12	$\mathcal{O}(0; \{2^5, 3, 4^6, 6^6\})$	1344
12	$\mathcal{O}(0; \{2, 3^4, 4^6, 6^6\})$	10944
12	$\mathcal{O}(0; \{2^2, 3, 4^8, 6^6\})$	5376
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 6^7\})$	340
12	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 6^7\})$	2732
12	$\mathcal{O}(0; \{3^8, 4^2, 6^7\})$	21844
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 6^7\})$	1360
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 6^7\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 6^7\})$	5440
12	$\mathcal{O}(0; \{2^9, 4^2, 6^8\})$	172
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6^8\})$	1364
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6^8\})$	10924
12	$\mathcal{O}(0; \{2^6, 4^4, 6^8\})$	688
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6^8\})$	5456
12	$\mathcal{O}(0; \{2^3, 4^6, 6^8\})$	2752
12	$\mathcal{O}(0; \{4^8, 6^8\})$	11008
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^9\})$	684
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^9\})$	5460
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^9\})$	2736
12	$\mathcal{O}(0; \{3, 4^6, 6^9\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^{10}\})$	2732
12	$\mathcal{O}(0; \{3^2, 4^4, 6^{10}\})$	10928
12	$\mathcal{O}(0; \{2^4, 4^2, 6^{11}\})$	1364
12	$\mathcal{O}(0; \{3^3, 4^2, 6^{11}\})$	10924
12	$\mathcal{O}(0; \{2, 4^4, 6^{11}\})$	5456
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^{12}\})$	5460
12	$\mathcal{O}(0; \{2^{18}, 3^3, 4, 12\})$	12
12	$\mathcal{O}(0; \{2^{14}, 3^6, 4, 12\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^9, 4, 12\})$	684

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 3^{12}, 4, 12\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{15}, 4, 12\})$	43692
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^3, 12\})$	48
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^3, 12\})$	336
12	$\mathcal{O}(0; \{2^7, 3^9, 4^3, 12\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^3, 12\})$	21840
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^5, 12\})$	192
12	$\mathcal{O}(0; \{2^8, 3^6, 4^5, 12\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^9, 4^5, 12\})$	10944
12	$\mathcal{O}(0; \{3^{12}, 4^5, 12\})$	87360
12	$\mathcal{O}(0; \{2^9, 3^3, 4^7, 12\})$	768
12	$\mathcal{O}(0; \{2^5, 3^6, 4^7, 12\})$	5376
12	$\mathcal{O}(0; \{2, 3^9, 4^7, 12\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^3, 4^9, 12\})$	3072
12	$\mathcal{O}(0; \{2^2, 3^6, 4^9, 12\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{11}, 12\})$	12288
12	$\mathcal{O}(0; \{3^3, 4^{13}, 12\})$	49152
12	$\mathcal{O}(0; \{2^{19}, 3, 4, 6, 12\})$	4
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4, 6, 12\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4, 6, 12\})$	340
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4, 6, 12\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4, 6, 12\})$	21844
12	$\mathcal{O}(0; \{2^{16}, 3, 4^3, 6, 12\})$	16
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^3, 6, 12\})$	176
12	$\mathcal{O}(0; \{2^8, 3^7, 4^3, 6, 12\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^3, 6, 12\})$	10928
12	$\mathcal{O}(0; \{3^{13}, 4^3, 6, 12\})$	87376
12	$\mathcal{O}(0; \{2^{13}, 3, 4^5, 6, 12\})$	64
12	$\mathcal{O}(0; \{2^9, 3^4, 4^5, 6, 12\})$	704
12	$\mathcal{O}(0; \{2^5, 3^7, 4^5, 6, 12\})$	5440
12	$\mathcal{O}(0; \{2, 3^{10}, 4^5, 6, 12\})$	43712
12	$\mathcal{O}(0; \{2^{10}, 3, 4^7, 6, 12\})$	256
12	$\mathcal{O}(0; \{2^6, 3^4, 4^7, 6, 12\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^7, 4^7, 6, 12\})$	21760
12	$\mathcal{O}(0; \{2^7, 3, 4^9, 6, 12\})$	1024
12	$\mathcal{O}(0; \{2^3, 3^4, 4^9, 6, 12\})$	11264
12	$\mathcal{O}(0; \{2^4, 3, 4^{11}, 6, 12\})$	4096
12	$\mathcal{O}(0; \{3^4, 4^{11}, 6, 12\})$	45056
12	$\mathcal{O}(0; \{2, 3, 4^{13}, 6, 12\})$	16384
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4, 6^2, 12\})$	20
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4, 6^2, 12\})$	172
12	$\mathcal{O}(0; \{2^8, 3^8, 4, 6^2, 12\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4, 6^2, 12\})$	10924

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^{14}, 4, 6^2, 12\})$	87380
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^3, 6^2, 12\})$	80
12	$\mathcal{O}(0; \{2^9, 3^5, 4^3, 6^2, 12\})$	688
12	$\mathcal{O}(0; \{2^5, 3^8, 4^3, 6^2, 12\})$	5456
12	$\mathcal{O}(0; \{2, 3^{11}, 4^3, 6^2, 12\})$	43696
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^5, 6^2, 12\})$	320
12	$\mathcal{O}(0; \{2^6, 3^5, 4^5, 6^2, 12\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^8, 4^5, 6^2, 12\})$	21824
12	$\mathcal{O}(0; \{2^7, 3^2, 4^7, 6^2, 12\})$	1280
12	$\mathcal{O}(0; \{2^3, 3^5, 4^7, 6^2, 12\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^2, 4^9, 6^2, 12\})$	5120
12	$\mathcal{O}(0; \{3^5, 4^9, 6^2, 12\})$	44032
12	$\mathcal{O}(0; \{2, 3^2, 4^{11}, 6^2, 12\})$	20480
12	$\mathcal{O}(0; \{2^{17}, 4, 6^3, 12\})$	12
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4, 6^3, 12\})$	84
12	$\mathcal{O}(0; \{2^9, 3^6, 4, 6^3, 12\})$	684
12	$\mathcal{O}(0; \{2^5, 3^9, 4, 6^3, 12\})$	5460
12	$\mathcal{O}(0; \{2, 3^{12}, 4, 6^3, 12\})$	43692
12	$\mathcal{O}(0; \{2^{14}, 4^3, 6^3, 12\})$	48
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^3, 6^3, 12\})$	336
12	$\mathcal{O}(0; \{2^6, 3^6, 4^3, 6^3, 12\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^9, 4^3, 6^3, 12\})$	21840
12	$\mathcal{O}(0; \{2^{11}, 4^5, 6^3, 12\})$	192
12	$\mathcal{O}(0; \{2^7, 3^3, 4^5, 6^3, 12\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^6, 4^5, 6^3, 12\})$	10944
12	$\mathcal{O}(0; \{2^8, 4^7, 6^3, 12\})$	768
12	$\mathcal{O}(0; \{2^4, 3^3, 4^7, 6^3, 12\})$	5376
12	$\mathcal{O}(0; \{3^6, 4^7, 6^3, 12\})$	43776
12	$\mathcal{O}(0; \{2^5, 4^9, 6^3, 12\})$	3072
12	$\mathcal{O}(0; \{2, 3^3, 4^9, 6^3, 12\})$	21504
12	$\mathcal{O}(0; \{2^2, 4^{11}, 6^3, 12\})$	12288
12	$\mathcal{O}(0; \{2^{14}, 3, 4, 6^4, 12\})$	44
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4, 6^4, 12\})$	340
12	$\mathcal{O}(0; \{2^6, 3^7, 4, 6^4, 12\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4, 6^4, 12\})$	21844
12	$\mathcal{O}(0; \{2^{11}, 3, 4^3, 6^4, 12\})$	176
12	$\mathcal{O}(0; \{2^7, 3^4, 4^3, 6^4, 12\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^7, 4^3, 6^4, 12\})$	10928
12	$\mathcal{O}(0; \{2^8, 3, 4^5, 6^4, 12\})$	704
12	$\mathcal{O}(0; \{2^4, 3^4, 4^5, 6^4, 12\})$	5440
12	$\mathcal{O}(0; \{3^7, 4^5, 6^4, 12\})$	43712
12	$\mathcal{O}(0; \{2^5, 3, 4^7, 6^4, 12\})$	2816
12	$\mathcal{O}(0; \{2, 3^4, 4^7, 6^4, 12\})$	21760

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3, 4^9, 6^4, 12\})$	11264
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4, 6^5, 12\})$	172
12	$\mathcal{O}(0; \{2^7, 3^5, 4, 6^5, 12\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^8, 4, 6^5, 12\})$	10924
12	$\mathcal{O}(0; \{2^8, 3^2, 4^3, 6^5, 12\})$	688
12	$\mathcal{O}(0; \{2^4, 3^5, 4^3, 6^5, 12\})$	5456
12	$\mathcal{O}(0; \{3^8, 4^3, 6^5, 12\})$	43696
12	$\mathcal{O}(0; \{2^5, 3^2, 4^5, 6^5, 12\})$	2752
12	$\mathcal{O}(0; \{2, 3^5, 4^5, 6^5, 12\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^2, 4^7, 6^5, 12\})$	11008
12	$\mathcal{O}(0; \{2^{12}, 4, 6^6, 12\})$	84
12	$\mathcal{O}(0; \{2^8, 3^3, 4, 6^6, 12\})$	684
12	$\mathcal{O}(0; \{2^4, 3^6, 4, 6^6, 12\})$	5460
12	$\mathcal{O}(0; \{3^9, 4, 6^6, 12\})$	43692
12	$\mathcal{O}(0; \{2^9, 4^3, 6^6, 12\})$	336
12	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 6^6, 12\})$	2736
12	$\mathcal{O}(0; \{2, 3^6, 4^3, 6^6, 12\})$	21840
12	$\mathcal{O}(0; \{2^6, 4^5, 6^6, 12\})$	1344
12	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 6^6, 12\})$	10944
12	$\mathcal{O}(0; \{2^3, 4^7, 6^6, 12\})$	5376
12	$\mathcal{O}(0; \{4^9, 6^6, 12\})$	21504
12	$\mathcal{O}(0; \{2^9, 3, 4, 6^7, 12\})$	340
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 6^7, 12\})$	2732
12	$\mathcal{O}(0; \{2, 3^7, 4, 6^7, 12\})$	21844
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 6^7, 12\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6^7, 12\})$	10928
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 6^7, 12\})$	5440
12	$\mathcal{O}(0; \{3, 4^7, 6^7, 12\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^8, 12\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^8, 12\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^8, 12\})$	5456
12	$\mathcal{O}(0; \{3^2, 4^5, 6^8, 12\})$	21824
12	$\mathcal{O}(0; \{2^7, 4, 6^9, 12\})$	684
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^9, 12\})$	5460
12	$\mathcal{O}(0; \{2^4, 4^3, 6^9, 12\})$	2736
12	$\mathcal{O}(0; \{3^3, 4^3, 6^9, 12\})$	21840
12	$\mathcal{O}(0; \{2, 4^5, 6^9, 12\})$	10944
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^{10}, 12\})$	2732
12	$\mathcal{O}(0; \{3^4, 4, 6^{10}, 12\})$	21844
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^{10}, 12\})$	10928
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^{11}, 12\})$	10924
12	$\mathcal{O}(0; \{2^2, 4, 6^{12}, 12\})$	5460
12	$\mathcal{O}(0; \{2^{19}, 3^2, 12^2\})$	12

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{15}, 3^5, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^8, 12^2\})$	684
12	$\mathcal{O}(0; \{2^7, 3^{11}, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{14}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^2, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^2, 12^2\})$	336
12	$\mathcal{O}(0; \{2^8, 3^8, 4^2, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^2, 12^2\})$	21840
12	$\mathcal{O}(0; \{3^{14}, 4^2, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^4, 12^2\})$	192
12	$\mathcal{O}(0; \{2^9, 3^5, 4^4, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^8, 4^4, 12^2\})$	10944
12	$\mathcal{O}(0; \{2, 3^{11}, 4^4, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^6, 12^2\})$	768
12	$\mathcal{O}(0; \{2^6, 3^5, 4^6, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^8, 4^6, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^7, 3^2, 4^8, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^3, 3^5, 4^8, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{10}, 12^2\})$	12288
12	$\mathcal{O}(0; \{3^5, 4^{10}, 12^2\})$	86016
12	$\mathcal{O}(0; \{2, 3^2, 4^{12}, 12^2\})$	49152
12	$\mathcal{O}(0; \{2^{20}, 6, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{16}, 3^3, 6, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^6, 6, 12^2\})$	340
12	$\mathcal{O}(0; \{2^8, 3^9, 6, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^{12}, 6, 12^2\})$	21844
12	$\mathcal{O}(0; \{3^{15}, 6, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{17}, 4^2, 6, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^2, 6, 12^2\})$	176
12	$\mathcal{O}(0; \{2^9, 3^6, 4^2, 6, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^9, 4^2, 6, 12^2\})$	10928
12	$\mathcal{O}(0; \{2, 3^{12}, 4^2, 6, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^{14}, 4^4, 6, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^4, 6, 12^2\})$	704
12	$\mathcal{O}(0; \{2^6, 3^6, 4^4, 6, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^9, 4^4, 6, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^{11}, 4^6, 6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^7, 3^3, 4^6, 6, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^6, 4^6, 6, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^8, 4^8, 6, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^4, 3^3, 4^8, 6, 12^2\})$	11264
12	$\mathcal{O}(0; \{3^6, 4^8, 6, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^5, 4^{10}, 6, 12^2\})$	4096

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^3, 4^{10}, 6, 12^2\})$	45056
12	$\mathcal{O}(0; \{2^2, 4^{12}, 6, 12^2\})$	16384
12	$\mathcal{O}(0; \{2^{17}, 3, 6^2, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{13}, 3^4, 6^2, 12^2\})$	172
12	$\mathcal{O}(0; \{2^9, 3^7, 6^2, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^{10}, 6^2, 12^2\})$	10924
12	$\mathcal{O}(0; \{2, 3^{13}, 6^2, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{14}, 3, 4^2, 6^2, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^2, 6^2, 12^2\})$	688
12	$\mathcal{O}(0; \{2^6, 3^7, 4^2, 6^2, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^2, 6^2, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^{11}, 3, 4^4, 6^2, 12^2\})$	320
12	$\mathcal{O}(0; \{2^7, 3^4, 4^4, 6^2, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^7, 4^4, 6^2, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^8, 3, 4^6, 6^2, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^4, 4^6, 6^2, 12^2\})$	11008
12	$\mathcal{O}(0; \{3^7, 4^6, 6^2, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^5, 3, 4^8, 6^2, 12^2\})$	5120
12	$\mathcal{O}(0; \{2, 3^4, 4^8, 6^2, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^2, 3, 4^{10}, 6^2, 12^2\})$	20480
12	$\mathcal{O}(0; \{2^{14}, 3^2, 6^3, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^5, 6^3, 12^2\})$	684
12	$\mathcal{O}(0; \{2^6, 3^8, 6^3, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{11}, 6^3, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^2, 6^3, 12^2\})$	336
12	$\mathcal{O}(0; \{2^7, 3^5, 4^2, 6^3, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^8, 4^2, 6^3, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^8, 3^2, 4^4, 6^3, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^5, 4^4, 6^3, 12^2\})$	10944
12	$\mathcal{O}(0; \{3^8, 4^4, 6^3, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^5, 3^2, 4^6, 6^3, 12^2\})$	5376
12	$\mathcal{O}(0; \{2, 3^5, 4^6, 6^3, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^2, 4^8, 6^3, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^{15}, 6^4, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^3, 6^4, 12^2\})$	340
12	$\mathcal{O}(0; \{2^7, 3^6, 6^4, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^9, 6^4, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^{12}, 4^2, 6^4, 12^2\})$	176
12	$\mathcal{O}(0; \{2^8, 3^3, 4^2, 6^4, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^6, 4^2, 6^4, 12^2\})$	10928
12	$\mathcal{O}(0; \{3^9, 4^2, 6^4, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^9, 4^4, 6^4, 12^2\})$	704
12	$\mathcal{O}(0; \{2^5, 3^3, 4^4, 6^4, 12^2\})$	5440

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{13}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^{17}, 3, 4, 12^3\})$	48
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4, 12^3\})$	336
12	$\mathcal{O}(0; \{2^9, 3^7, 4, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4, 12^3\})$	21840
12	$\mathcal{O}(0; \{2, 3^{13}, 4, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{14}, 3, 4^3, 12^3\})$	192
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^3, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^7, 4^3, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^3, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^{11}, 3, 4^5, 12^3\})$	768
12	$\mathcal{O}(0; \{2^7, 3^4, 4^5, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^7, 4^5, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^8, 3, 4^7, 12^3\})$	3072
12	$\mathcal{O}(0; \{2^4, 3^4, 4^7, 12^3\})$	21504
12	$\mathcal{O}(0; \{3^7, 4^7, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^5, 3, 4^9, 12^3\})$	12288
12	$\mathcal{O}(0; \{2, 3^4, 4^9, 12^3\})$	86016
12	$\mathcal{O}(0; \{2^2, 3, 4^{11}, 12^3\})$	49152
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4, 6, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4, 6, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^8, 4, 6, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4, 6, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^3, 6, 12^3\})$	704
12	$\mathcal{O}(0; \{2^7, 3^5, 4^3, 6, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^8, 4^3, 6, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^8, 3^2, 4^5, 6, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^5, 4^5, 6, 12^3\})$	21760
12	$\mathcal{O}(0; \{3^8, 4^5, 6, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^5, 3^2, 4^7, 6, 12^3\})$	11264
12	$\mathcal{O}(0; \{2, 3^5, 4^7, 6, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^2, 4^9, 6, 12^3\})$	45056
12	$\mathcal{O}(0; \{2^{15}, 4, 6^2, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4, 6^2, 12^3\})$	688
12	$\mathcal{O}(0; \{2^7, 3^6, 4, 6^2, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^9, 4, 6^2, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^{12}, 4^3, 6^2, 12^3\})$	320
12	$\mathcal{O}(0; \{2^8, 3^3, 4^3, 6^2, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^6, 4^3, 6^2, 12^3\})$	21824
12	$\mathcal{O}(0; \{3^9, 4^3, 6^2, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^9, 4^5, 6^2, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^3, 4^5, 6^2, 12^3\})$	11008
12	$\mathcal{O}(0; \{2, 3^6, 4^5, 6^2, 12^3\})$	87296

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^6, 4^7, 6^2, 12^3\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^3, 4^7, 6^2, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^3, 4^9, 6^2, 12^3\})$	20480
12	$\mathcal{O}(0; \{4^{11}, 6^2, 12^3\})$	81920
12	$\mathcal{O}(0; \{2^{12}, 3, 4, 6^3, 12^3\})$	336
12	$\mathcal{O}(0; \{2^8, 3^4, 4, 6^3, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^7, 4, 6^3, 12^3\})$	21840
12	$\mathcal{O}(0; \{3^{10}, 4, 6^3, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^9, 3, 4^3, 6^3, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^4, 4^3, 6^3, 12^3\})$	10944
12	$\mathcal{O}(0; \{2, 3^7, 4^3, 6^3, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^6, 3, 4^5, 6^3, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^4, 4^5, 6^3, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^3, 3, 4^7, 6^3, 12^3\})$	21504
12	$\mathcal{O}(0; \{3, 4^9, 6^3, 12^3\})$	86016
12	$\mathcal{O}(0; \{2^9, 3^2, 4, 6^4, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^5, 4, 6^4, 12^3\})$	10928
12	$\mathcal{O}(0; \{2, 3^8, 4, 6^4, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 6^4, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 6^4, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 6^4, 12^3\})$	21760
12	$\mathcal{O}(0; \{3^2, 4^7, 6^4, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^{10}, 4, 6^5, 12^3\})$	688
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 6^5, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 6^5, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^7, 4^3, 6^5, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6^5, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^4, 4^5, 6^5, 12^3\})$	11008
12	$\mathcal{O}(0; \{3^3, 4^5, 6^5, 12^3\})$	87296
12	$\mathcal{O}(0; \{2, 4^7, 6^5, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^7, 3, 4, 6^6, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^6, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^6, 12^3\})$	10944
12	$\mathcal{O}(0; \{3^4, 4^3, 6^6, 12^3\})$	87360
12	$\mathcal{O}(0; \{2, 3, 4^5, 6^6, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^7, 12^3\})$	10928
12	$\mathcal{O}(0; \{3^5, 4, 6^7, 12^3\})$	87376
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^7, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^5, 4, 6^8, 12^3\})$	5456
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^8, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^2, 4^3, 6^8, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^9, 12^3\})$	21840
12	$\mathcal{O}(0; \{4, 6^{11}, 12^3\})$	43696

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{18}, 12^4\})$	48
12	$\mathcal{O}(0; \{2^{14}, 3^3, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^9, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{12}, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^{15}, 4^2, 12^4\})$	192
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^2, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^6, 4^2, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^9, 4^2, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^{12}, 4^4, 12^4\})$	768
12	$\mathcal{O}(0; \{2^8, 3^3, 4^4, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^6, 4^4, 12^4\})$	43776
12	$\mathcal{O}(0; \{3^9, 4^4, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^9, 4^6, 12^4\})$	3072
12	$\mathcal{O}(0; \{2^5, 3^3, 4^6, 12^4\})$	21504
12	$\mathcal{O}(0; \{2, 3^6, 4^6, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^6, 4^8, 12^4\})$	12288
12	$\mathcal{O}(0; \{2^2, 3^3, 4^8, 12^4\})$	86016
12	$\mathcal{O}(0; \{2^3, 4^{10}, 12^4\})$	49152
12	$\mathcal{O}(0; \{4^{12}, 12^4\})$	196608
12	$\mathcal{O}(0; \{2^{15}, 3, 6, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^4, 6, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^7, 6, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{10}, 6, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^{12}, 3, 4^2, 6, 12^4\})$	704
12	$\mathcal{O}(0; \{2^8, 3^4, 4^2, 6, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^7, 4^2, 6, 12^4\})$	43712
12	$\mathcal{O}(0; \{3^{10}, 4^2, 6, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^9, 3, 4^4, 6, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^4, 4^4, 6, 12^4\})$	21760
12	$\mathcal{O}(0; \{2, 3^7, 4^4, 6, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^6, 3, 4^6, 6, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^4, 4^6, 6, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^3, 3, 4^8, 6, 12^4\})$	45056
12	$\mathcal{O}(0; \{3, 4^{10}, 6, 12^4\})$	180224
12	$\mathcal{O}(0; \{2^{12}, 3^2, 6^2, 12^4\})$	688
12	$\mathcal{O}(0; \{2^8, 3^5, 6^2, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^8, 6^2, 12^4\})$	43696
12	$\mathcal{O}(0; \{3^{11}, 6^2, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^9, 3^2, 4^2, 6^2, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^5, 4^2, 6^2, 12^4\})$	21824
12	$\mathcal{O}(0; \{2, 3^8, 4^2, 6^2, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^6, 3^2, 4^4, 6^2, 12^4\})$	11008

Continued on next page

Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3^8, 4, 12^5\})$	87360
12	$\mathcal{O}(0; \{3^{11}, 4, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^9, 3^2, 4^3, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^5, 4^3, 12^5\})$	43776
12	$\mathcal{O}(0; \{2, 3^8, 4^3, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^6, 3^2, 4^5, 12^5\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^5, 4^5, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^2, 4^7, 12^5\})$	86016
12	$\mathcal{O}(0; \{3^2, 4^9, 12^5\})$	344064
12	$\mathcal{O}(0; \{2^{13}, 4, 6, 12^5\})$	704
12	$\mathcal{O}(0; \{2^9, 3^3, 4, 6, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^6, 4, 6, 12^5\})$	43712
12	$\mathcal{O}(0; \{2, 3^9, 4, 6, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^{10}, 4^3, 6, 12^5\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^3, 4^3, 6, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^6, 4^3, 6, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^7, 4^5, 6, 12^5\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^3, 4^5, 6, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^4, 4^7, 6, 12^5\})$	45056
12	$\mathcal{O}(0; \{3^3, 4^7, 6, 12^5\})$	348160
12	$\mathcal{O}(0; \{2, 4^9, 6, 12^5\})$	180224
12	$\mathcal{O}(0; \{2^{10}, 3, 4, 6^2, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^4, 4, 6^2, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^7, 4, 6^2, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^7, 3, 4^3, 6^2, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 6^2, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^4, 3, 4^5, 6^2, 12^5\})$	44032
12	$\mathcal{O}(0; \{3^4, 4^5, 6^2, 12^5\})$	349184
12	$\mathcal{O}(0; \{2, 3, 4^7, 6^2, 12^5\})$	176128
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 6^3, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 6^3, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6^3, 12^5\})$	43776
12	$\mathcal{O}(0; \{3^5, 4^3, 6^3, 12^5\})$	349440
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 6^3, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^8, 4, 6^4, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^4, 12^5\})$	43712
12	$\mathcal{O}(0; \{3^6, 4, 6^4, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^5, 4^3, 6^4, 12^5\})$	21760
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^4, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^2, 4^5, 6^4, 12^5\})$	87040
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^5, 12^5\})$	21824
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^5, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^5, 12^5\})$	87296

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^3, 6^5, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^3, 4^2, 6^5, 12^6\})$	87296
12	$\mathcal{O}(0; \{4^4, 6^5, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^3, 3, 6^6, 12^6\})$	87360
12	$\mathcal{O}(0; \{3, 4^2, 6^6, 12^6\})$	349440
12	$\mathcal{O}(0; \{3^2, 6^7, 12^6\})$	349504
12	$\mathcal{O}(0; \{2, 6^8, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^{11}, 4, 12^7\})$	5376
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^8, 4^3, 12^7\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 12^7\})$	175104
12	$\mathcal{O}(0; \{3^6, 4^3, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^5, 4^5, 12^7\})$	86016
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 12^7\})$	700416
12	$\mathcal{O}(0; \{2^2, 4^7, 12^7\})$	344064
12	$\mathcal{O}(0; \{2^8, 3, 4, 6, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6, 12^7\})$	174848
12	$\mathcal{O}(0; \{3^7, 4, 6, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 6, 12^7\})$	87040
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6, 12^7\})$	699392
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6, 12^7\})$	348160
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^2, 12^7\})$	87296
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^2, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^2, 12^7\})$	349184
12	$\mathcal{O}(0; \{2^6, 4, 6^3, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^3, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^3, 4^3, 6^3, 12^7\})$	175104
12	$\mathcal{O}(0; \{4^5, 6^3, 12^7\})$	700416
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^4, 12^7\})$	174848
12	$\mathcal{O}(0; \{3, 4^3, 6^4, 12^7\})$	699392
12	$\mathcal{O}(0; \{3^2, 4, 6^5, 12^7\})$	699136
12	$\mathcal{O}(0; \{2, 4, 6^6, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^8, 3^2, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^5, 12^8\})$	349440
12	$\mathcal{O}(0; \{3^8, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 12^8\})$	175104
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 12^8\})$	700416
12	$\mathcal{O}(0; \{2^9, 6, 12^8\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^3, 6, 12^8\})$	174848
12	$\mathcal{O}(0; \{2, 3^6, 6, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^6, 4^2, 6, 12^8\})$	87040

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6, 12^8\})$	699392
12	$\mathcal{O}(0; \{2^3, 4^4, 6, 12^8\})$	348160
12	$\mathcal{O}(0; \{4^6, 6, 12^8\})$	1392640
12	$\mathcal{O}(0; \{2^6, 3, 6^2, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^2, 12^8\})$	349184
12	$\mathcal{O}(0; \{3, 4^4, 6^2, 12^8\})$	1396736
12	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 12^8\})$	349440
12	$\mathcal{O}(0; \{3^2, 4^2, 6^3, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2^4, 6^4, 12^8\})$	174848
12	$\mathcal{O}(0; \{3^3, 6^4, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2, 4^2, 6^4, 12^8\})$	699392
12	$\mathcal{O}(0; \{2, 3, 6^5, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^6, 3, 4, 12^9\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 12^9\})$	700416
12	$\mathcal{O}(0; \{3, 4^5, 12^9\})$	2801664
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6, 12^9\})$	699392
12	$\mathcal{O}(0; \{3^2, 4^3, 6, 12^9\})$	2797568
12	$\mathcal{O}(0; \{2^4, 4, 6^2, 12^9\})$	349184
12	$\mathcal{O}(0; \{3^3, 4, 6^2, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2, 4^3, 6^2, 12^9\})$	1396736
12	$\mathcal{O}(0; \{2, 3, 4, 6^3, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^7, 12^{10}\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^3, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2^4, 4^2, 12^{10}\})$	700416
12	$\mathcal{O}(0; \{3^3, 4^2, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{2, 4^4, 12^{10}\})$	2801664
12	$\mathcal{O}(0; \{2^4, 3, 6, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{3^4, 6, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2, 3, 4^2, 6, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{2, 3^2, 6^2, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2^2, 6^3, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{2, 3^2, 4, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{2^2, 4, 6, 12^{11}\})$	2797568
12	$\mathcal{O}(0; \{2^2, 3, 12^{12}\})$	5591040
12	$\mathcal{O}(0; \{6^2, 12^{12}\})$	11186176
12	$\mathcal{O}(0; \{4, 12^{13}\})$	22364160
13	$\mathcal{O}(5; \{13^2\})$	1654301902188
14	$\mathcal{O}(4; \{2, 7^2, 14\})$	44273671680
14	$\mathcal{O}(3; \{7^6\})$	49407638742
14	$\mathcal{O}(3; \{2^5, 7^2, 14\})$	225886080
14	$\mathcal{O}(3; \{2^3, 7, 14^3\})$	1400493696

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(3; \{2, 14^5\})$	8357784960
14	$\mathcal{O}(2; \{2^4, 7^6\})$	256081056
14	$\mathcal{O}(2; \{2^9, 7^2, 14\})$	1152480
14	$\mathcal{O}(2; \{2^2, 7^5, 14^2\})$	1536255840
14	$\mathcal{O}(2; \{2^7, 7, 14^3\})$	7145376
14	$\mathcal{O}(2; \{7^4, 14^4\})$	9217765536
14	$\mathcal{O}(2; \{2^5, 14^5\})$	42641760
14	$\mathcal{O}(1; \{2^8, 7^6\})$	1306536
14	$\mathcal{O}(1; \{2^{13}, 7^2, 14\})$	5880
14	$\mathcal{O}(1; \{2, 7^9, 14\})$	1693053096
14	$\mathcal{O}(1; \{2^6, 7^5, 14^2\})$	7838040
14	$\mathcal{O}(1; \{2^{11}, 7, 14^3\})$	36456
14	$\mathcal{O}(1; \{2^4, 7^4, 14^4\})$	47029416
14	$\mathcal{O}(1; \{2^9, 14^5\})$	217560
14	$\mathcal{O}(1; \{2^2, 7^3, 14^6\})$	282175320
14	$\mathcal{O}(1; \{7^2, 14^8\})$	1693053096
14	$\mathcal{O}(0; \{2^{12}, 7^6\})$	6666
14	$\mathcal{O}(0; \{2^{17}, 7^2, 14\})$	30
14	$\mathcal{O}(0; \{2^5, 7^9, 14\})$	8638026
14	$\mathcal{O}(0; \{2^{10}, 7^5, 14^2\})$	39990
14	$\mathcal{O}(0; \{2^{15}, 7, 14^3\})$	186
14	$\mathcal{O}(0; \{2^3, 7^8, 14^3\})$	51828150
14	$\mathcal{O}(0; \{2^8, 7^4, 14^4\})$	239946
14	$\mathcal{O}(0; \{2^{13}, 14^5\})$	1110
14	$\mathcal{O}(0; \{2, 7^7, 14^9\})$	310968906
14	$\mathcal{O}(0; \{2^6, 7^3, 14^6\})$	1439670
14	$\mathcal{O}(0; \{2^4, 7^2, 14^8\})$	8638026
14	$\mathcal{O}(0; \{2^2, 7, 14^{10}\})$	51828150
14	$\mathcal{O}(0; \{14^{12}\})$	310968906
15	$\mathcal{O}(4; \{3, 15^2\})$	20503125000
15	$\mathcal{O}(3; \{3^2, 5^4\})$	1184625000
15	$\mathcal{O}(3; \{3^3, 5^2, 15\})$	820125000
15	$\mathcal{O}(3; \{3^4, 15^2\})$	1002375000
15	$\mathcal{O}(3; \{5, 15^4\})$	13942125000
15	$\mathcal{O}(2; \{3^5, 5^4\})$	26325000
15	$\mathcal{O}(2; \{3^6, 5^2, 15\})$	25515000
15	$\mathcal{O}(2; \{3^7, 15^2\})$	34425000
15	$\mathcal{O}(2; \{3, 5^5, 15^2\})$	331695000
15	$\mathcal{O}(2; \{3^2, 5^3, 15^3\})$	415125000
15	$\mathcal{O}(2; \{3^3, 5, 15^4\})$	433755000
15	$\mathcal{O}(2; \{15^7\})$	6965595000
15	$\mathcal{O}(1; \{3^8, 5^4\})$	1006200
15	$\mathcal{O}(1; \{3^2, 5^9\})$	23592600

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(1; \{3^9, 5^2, 15\})$	923400
15	$\mathcal{O}(1; \{3^3, 5^7, 15\})$	17695800
15	$\mathcal{O}(1; \{3^{10}, 15^2\})$	1229400
15	$\mathcal{O}(1; \{3^4, 5^5, 15^2\})$	16216200
15	$\mathcal{O}(1; \{3^5, 5^3, 15^3\})$	15867000
15	$\mathcal{O}(1; \{3^6, 5, 15^4\})$	15697800
15	$\mathcal{O}(1; \{5^6, 15^4\})$	283116600
15	$\mathcal{O}(1; \{3, 5^4, 15^5\})$	259518600
15	$\mathcal{O}(1; \{3^2, 5^2, 15^6\})$	253639800
15	$\mathcal{O}(1; \{3^3, 15^7\})$	252088200
15	$\mathcal{O}(0; \{3^{11}, 5^4\})$	35464
15	$\mathcal{O}(0; \{3^5, 5^9\})$	524280
15	$\mathcal{O}(0; \{3^{12}, 5^2, 15\})$	32760
15	$\mathcal{O}(0; \{3^6, 5^7, 15\})$	550536
15	$\mathcal{O}(0; \{3^{13}, 15^2\})$	43688
15	$\mathcal{O}(0; \{3^7, 5^5, 15^2\})$	556920
15	$\mathcal{O}(0; \{3, 5^{10}, 15^2\})$	6710888
15	$\mathcal{O}(0; \{3^8, 5^3, 15^3\})$	559240
15	$\mathcal{O}(0; \{3^2, 5^8, 15^3\})$	8388600
15	$\mathcal{O}(0; \{3^9, 5, 15^4\})$	556920
15	$\mathcal{O}(0; \{3^3, 5^6, 15^4\})$	8808072
15	$\mathcal{O}(0; \{3^4, 5^4, 15^5\})$	8912760
15	$\mathcal{O}(0; \{3^5, 5^2, 15^6\})$	8939656
15	$\mathcal{O}(0; \{3^6, 15^7\})$	8943480
15	$\mathcal{O}(0; \{5^5, 15^7\})$	140928648
15	$\mathcal{O}(0; \{3, 5^3, 15^8\})$	142606200
15	$\mathcal{O}(0; \{3^2, 5, 15^9\})$	143026312
16	$\mathcal{O}(5; \emptyset)$	1098437885952
16	$\mathcal{O}(4; \{2^4\})$	4278190080
16	$\mathcal{O}(4; \{2, 4^2\})$	8556380160
16	$\mathcal{O}(3; \{2^8\})$	16515072
16	$\mathcal{O}(3; \{2^5, 4^2\})$	33030144
16	$\mathcal{O}(3; \{2^2, 4^4\})$	132120576
16	$\mathcal{O}(3; \{2^3, 4, 8^2\})$	132120576
16	$\mathcal{O}(3; \{4^3, 8^2\})$	528482304
16	$\mathcal{O}(3; \{2, 8^4\})$	1056964608
16	$\mathcal{O}(3; \{2, 4, 8, 16^2\})$	1073741824
16	$\mathcal{O}(2; \{2^{12}\})$	61440
16	$\mathcal{O}(2; \{2^9, 4^2\})$	122880
16	$\mathcal{O}(2; \{2^6, 4^4\})$	491520
16	$\mathcal{O}(2; \{2^3, 4^6\})$	1966080
16	$\mathcal{O}(2; \{4^8\})$	7864320
16	$\mathcal{O}(2; \{2^7, 4, 8^2\})$	491520

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{2^4, 4^3, 8^2\})$	1966080
16	$\mathcal{O}(2; \{2, 4^5, 8^2\})$	7864320
16	$\mathcal{O}(2; \{2^5, 8^4\})$	3932160
16	$\mathcal{O}(2; \{2^2, 4^2, 8^4\})$	15728640
16	$\mathcal{O}(2; \{4, 8^6\})$	125829120
16	$\mathcal{O}(2; \{2^5, 4, 8, 16^2\})$	4194304
16	$\mathcal{O}(2; \{2^2, 4^3, 8, 16^2\})$	16777216
16	$\mathcal{O}(2; \{2^3, 8^3, 16^2\})$	33554432
16	$\mathcal{O}(2; \{4^2, 8^3, 16^2\})$	134217728
16	$\mathcal{O}(2; \{2^3, 4, 16^4\})$	67108864
16	$\mathcal{O}(2; \{4^3, 16^4\})$	268435456
16	$\mathcal{O}(2; \{2, 8^2, 16^4\})$	536870912
16	$\mathcal{O}(1; \{2^{16}\})$	192
16	$\mathcal{O}(1; \{2^{13}, 4^2\})$	384
16	$\mathcal{O}(1; \{2^{10}, 4^4\})$	1536
16	$\mathcal{O}(1; \{2^7, 4^6\})$	6144
16	$\mathcal{O}(1; \{2^4, 4^8\})$	24576
16	$\mathcal{O}(1; \{2, 4^{10}\})$	98304
16	$\mathcal{O}(1; \{2^{11}, 4, 8^2\})$	1536
16	$\mathcal{O}(1; \{2^8, 4^3, 8^2\})$	6144
16	$\mathcal{O}(1; \{2^5, 4^5, 8^2\})$	24576
16	$\mathcal{O}(1; \{2^2, 4^7, 8^2\})$	98304
16	$\mathcal{O}(1; \{2^9, 8^4\})$	12288
16	$\mathcal{O}(1; \{2^6, 4^2, 8^4\})$	49152
16	$\mathcal{O}(1; \{2^3, 4^4, 8^4\})$	196608
16	$\mathcal{O}(1; \{4^6, 8^4\})$	786432
16	$\mathcal{O}(1; \{2^4, 4, 8^6\})$	393216
16	$\mathcal{O}(1; \{2, 4^3, 8^6\})$	1572864
16	$\mathcal{O}(1; \{2^2, 8^8\})$	3145728
16	$\mathcal{O}(1; \{2^9, 4, 8, 16^2\})$	16384
16	$\mathcal{O}(1; \{2^6, 4^3, 8, 16^2\})$	65536
16	$\mathcal{O}(1; \{2^3, 4^5, 8, 16^2\})$	262144
16	$\mathcal{O}(1; \{4^7, 8, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2^7, 8^3, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^4, 4^2, 8^3, 16^2\})$	524288
16	$\mathcal{O}(1; \{2, 4^4, 8^3, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2^2, 4, 8^5, 16^2\})$	4194304
16	$\mathcal{O}(1; \{8^7, 16^2\})$	33554432
16	$\mathcal{O}(1; \{2^7, 4, 16^4\})$	262144
16	$\mathcal{O}(1; \{2^4, 4^3, 16^4\})$	1048576
16	$\mathcal{O}(1; \{2, 4^5, 16^4\})$	4194304
16	$\mathcal{O}(1; \{2^5, 8^2, 16^4\})$	2097152
16	$\mathcal{O}(1; \{2^2, 4^2, 8^2, 16^4\})$	8388608

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{4, 8^4, 16^4\})$	67108864
16	$\mathcal{O}(1; \{2^3, 8, 16^6\})$	33554432
16	$\mathcal{O}(1; \{4^2, 8, 16^6\})$	134217728
16	$\mathcal{O}(1; \{2, 16^8\})$	536870912
16	$\mathcal{O}(0; \{2^{13}, 4, 8, 16^2\})$	64
16	$\mathcal{O}(0; \{2^{10}, 4^3, 8, 16^2\})$	256
16	$\mathcal{O}(0; \{2^7, 4^5, 8, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^4, 4^7, 8, 16^2\})$	4096
16	$\mathcal{O}(0; \{2, 4^9, 8, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^{11}, 8^3, 16^2\})$	512
16	$\mathcal{O}(0; \{2^8, 4^2, 8^3, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^5, 4^4, 8^3, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^2, 4^6, 8^3, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^6, 4, 8^5, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^3, 4^3, 8^5, 16^2\})$	65536
16	$\mathcal{O}(0; \{4^5, 8^5, 16^2\})$	262144
16	$\mathcal{O}(0; \{2^4, 8^7, 16^2\})$	131072
16	$\mathcal{O}(0; \{2, 4^2, 8^7, 16^2\})$	524288
16	$\mathcal{O}(0; \{2^{11}, 4, 16^4\})$	1024
16	$\mathcal{O}(0; \{2^8, 4^3, 16^4\})$	4096
16	$\mathcal{O}(0; \{2^5, 4^5, 16^4\})$	16384
16	$\mathcal{O}(0; \{2^2, 4^7, 16^4\})$	65536
16	$\mathcal{O}(0; \{2^9, 8^2, 16^4\})$	8192
16	$\mathcal{O}(0; \{2^6, 4^2, 8^2, 16^4\})$	32768
16	$\mathcal{O}(0; \{2^3, 4^4, 8^2, 16^4\})$	131072
16	$\mathcal{O}(0; \{4^6, 8^2, 16^4\})$	524288
16	$\mathcal{O}(0; \{2^4, 4, 8^4, 16^4\})$	262144
16	$\mathcal{O}(0; \{2, 4^3, 8^4, 16^4\})$	1048576
16	$\mathcal{O}(0; \{2^2, 8^6, 16^4\})$	2097152
16	$\mathcal{O}(0; \{2^7, 8, 16^6\})$	131072
16	$\mathcal{O}(0; \{2^4, 4^2, 8, 16^6\})$	524288
16	$\mathcal{O}(0; \{2, 4^4, 8, 16^6\})$	2097152
16	$\mathcal{O}(0; \{2^2, 4, 8^3, 16^6\})$	4194304
16	$\mathcal{O}(0; \{8^5, 16^6\})$	33554432
16	$\mathcal{O}(0; \{2^5, 16^8\})$	2097152
16	$\mathcal{O}(0; \{2^2, 4^2, 16^8\})$	8388608
16	$\mathcal{O}(0; \{4, 8^2, 16^8\})$	67108864
17	$\mathcal{O}(1; \{17^8\})$	73014444304
18	$\mathcal{O}(3; \{3^2, 9^2\})$	803538792
18	$\mathcal{O}(3; \{2, 6, 9^2\})$	408146688
18	$\mathcal{O}(2; \{2^4, 3^2, 9^2\})$	2519424
18	$\mathcal{O}(2; \{3^5, 9^2\})$	18895680
18	$\mathcal{O}(2; \{2^5, 6, 9^2\})$	1259712

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{2, 3^3, 6, 9^2\})$	10077696
18	$\mathcal{O}(2; \{2^2, 3, 6^2, 9^2\})$	5038848
18	$\mathcal{O}(2; \{6^4, 9^2\})$	10077696
18	$\mathcal{O}(2; \{3, 9^5\})$	159432300
18	$\mathcal{O}(2; \{2^3, 9^3, 18\})$	17006112
18	$\mathcal{O}(2; \{3, 6, 9^3, 18\})$	68024448
18	$\mathcal{O}(2; \{2^2, 3^2, 9, 18^2\})$	7558272
18	$\mathcal{O}(2; \{2^3, 6, 9, 18^2\})$	3779136
18	$\mathcal{O}(2; \{3, 6^2, 9, 18^2\})$	15116544
18	$\mathcal{O}(2; \{2, 9^2, 18^3\})$	85030560
18	$\mathcal{O}(2; \{3^2, 18^4\})$	68024448
18	$\mathcal{O}(2; \{2, 6, 18^4\})$	34012224
18	$\mathcal{O}(1; \{2^8, 3^2, 9^2\})$	7776
18	$\mathcal{O}(1; \{2^4, 3^5, 9^2\})$	62208
18	$\mathcal{O}(1; \{3^8, 9^2\})$	373248
18	$\mathcal{O}(1; \{2^9, 6, 9^2\})$	3888
18	$\mathcal{O}(1; \{2^5, 3^3, 6, 9^2\})$	31104
18	$\mathcal{O}(1; \{2, 3^6, 6, 9^2\})$	248832
18	$\mathcal{O}(1; \{2^6, 3, 6^2, 9^2\})$	15552
18	$\mathcal{O}(1; \{2^2, 3^4, 6^2, 9^2\})$	124416
18	$\mathcal{O}(1; \{2^3, 3^2, 6^3, 9^2\})$	62208
18	$\mathcal{O}(1; \{2^4, 6^4, 9^2\})$	31104
18	$\mathcal{O}(1; \{3^3, 6^4, 9^2\})$	248832
18	$\mathcal{O}(1; \{2, 3, 6^5, 9^2\})$	124416
18	$\mathcal{O}(1; \{2^4, 3, 9^5\})$	524880
18	$\mathcal{O}(1; \{3^4, 9^5\})$	3149280
18	$\mathcal{O}(1; \{2, 3^2, 6, 9^5\})$	2099520
18	$\mathcal{O}(1; \{2^2, 6^2, 9^5\})$	1049760
18	$\mathcal{O}(1; \{9^8\})$	45703926
18	$\mathcal{O}(1; \{2^7, 9^3, 18\})$	52488
18	$\mathcal{O}(1; \{2^3, 3^3, 9^3, 18\})$	419904
18	$\mathcal{O}(1; \{2^4, 3, 6, 9^3, 18\})$	209952
18	$\mathcal{O}(1; \{3^4, 6, 9^3, 18\})$	1679616
18	$\mathcal{O}(1; \{2, 3^2, 6^2, 9^3, 18\})$	839808
18	$\mathcal{O}(1; \{2^2, 6^3, 9^3, 18\})$	419904
18	$\mathcal{O}(1; \{6, 9^6, 18\})$	19840464
18	$\mathcal{O}(1; \{2^6, 3^2, 9, 18^2\})$	23328
18	$\mathcal{O}(1; \{2^2, 3^5, 9, 18^2\})$	186624
18	$\mathcal{O}(1; \{2^7, 6, 9, 18^2\})$	11664
18	$\mathcal{O}(1; \{2^3, 3^3, 6, 9, 18^2\})$	93312
18	$\mathcal{O}(1; \{2^4, 3, 6^2, 9, 18^2\})$	46656
18	$\mathcal{O}(1; \{3^4, 6^2, 9, 18^2\})$	373248
18	$\mathcal{O}(1; \{2, 3^2, 6^3, 9, 18^2\})$	186624

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^2, 6^4, 9, 18^2\})$	93312
18	$\mathcal{O}(1; \{2^2, 3, 9^4, 18^2\})$	3464208
18	$\mathcal{O}(1; \{6^2, 9^4, 18^2\})$	6928416
18	$\mathcal{O}(1; \{2^5, 9^2, 18^3\})$	262440
18	$\mathcal{O}(1; \{2, 3^3, 9^2, 18^3\})$	2099520
18	$\mathcal{O}(1; \{2^2, 3, 6, 9^2, 18^3\})$	1049760
18	$\mathcal{O}(1; \{6^3, 9^2, 18^3\})$	2099520
18	$\mathcal{O}(1; \{2^4, 3^2, 18^4\})$	209952
18	$\mathcal{O}(1; \{3^5, 18^4\})$	1679616
18	$\mathcal{O}(1; \{2^5, 6, 18^4\})$	104976
18	$\mathcal{O}(1; \{2, 3^3, 6, 18^4\})$	839808
18	$\mathcal{O}(1; \{2^2, 3, 6^2, 18^4\})$	419904
18	$\mathcal{O}(1; \{6^4, 18^4\})$	839808
18	$\mathcal{O}(1; \{3, 9^3, 18^4\})$	19840464
18	$\mathcal{O}(1; \{2^3, 9, 18^5\})$	1732104
18	$\mathcal{O}(1; \{3, 6, 9, 18^5\})$	6928416
18	$\mathcal{O}(1; \{2, 18^7\})$	9920232
18	$\mathcal{O}(0; \{2^{12}, 3^2, 9^2\})$	24
18	$\mathcal{O}(0; \{2^8, 3^5, 9^2\})$	192
18	$\mathcal{O}(0; \{2^4, 3^8, 9^2\})$	1536
18	$\mathcal{O}(0; \{2^{13}, 6, 9^2\})$	12
18	$\mathcal{O}(0; \{2^9, 3^3, 6, 9^2\})$	96
18	$\mathcal{O}(0; \{2^5, 3^6, 6, 9^2\})$	768
18	$\mathcal{O}(0; \{2, 3^9, 6, 9^2\})$	6144
18	$\mathcal{O}(0; \{2^{10}, 3, 6^2, 9^2\})$	48
18	$\mathcal{O}(0; \{2^6, 3^4, 6^2, 9^2\})$	384
18	$\mathcal{O}(0; \{2^2, 3^7, 6^2, 9^2\})$	3072
18	$\mathcal{O}(0; \{2^7, 3^2, 6^3, 9^2\})$	192
18	$\mathcal{O}(0; \{2^3, 3^5, 6^3, 9^2\})$	1536
18	$\mathcal{O}(0; \{2^8, 6^4, 9^2\})$	96
18	$\mathcal{O}(0; \{2^4, 3^3, 6^4, 9^2\})$	768
18	$\mathcal{O}(0; \{3^6, 6^4, 9^2\})$	6144
18	$\mathcal{O}(0; \{2^5, 3, 6^5, 9^2\})$	384
18	$\mathcal{O}(0; \{2, 3^4, 6^5, 9^2\})$	3072
18	$\mathcal{O}(0; \{2^2, 3^2, 6^6, 9^2\})$	1536
18	$\mathcal{O}(0; \{2^3, 6^7, 9^2\})$	768
18	$\mathcal{O}(0; \{3, 6^8, 9^2\})$	3072
18	$\mathcal{O}(0; \{2^8, 3, 9^5\})$	1620
18	$\mathcal{O}(0; \{2^4, 3^4, 9^5\})$	12960
18	$\mathcal{O}(0; \{2^5, 3^2, 6, 9^5\})$	6480
18	$\mathcal{O}(0; \{2, 3^5, 6, 9^5\})$	51840
18	$\mathcal{O}(0; \{2^6, 6^2, 9^5\})$	3240
18	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 9^5\})$	25920

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^3, 3, 6^3, 9^5\})$	12960
18	$\mathcal{O}(0; \{3^2, 6^4, 9^5\})$	51840
18	$\mathcal{O}(0; \{2, 6^5, 9^5\})$	25920
18	$\mathcal{O}(0; \{2^4, 9^8\})$	188082
18	$\mathcal{O}(0; \{2, 3, 6, 9^8\})$	752328
18	$\mathcal{O}(0; \{2^{11}, 9^3, 18\})$	162
18	$\mathcal{O}(0; \{2^7, 3^3, 9^3, 18\})$	1296
18	$\mathcal{O}(0; \{2^3, 3^6, 9^3, 18\})$	10368
18	$\mathcal{O}(0; \{2^8, 3, 6, 9^3, 18\})$	648
18	$\mathcal{O}(0; \{2^4, 3^4, 6, 9^3, 18\})$	5184
18	$\mathcal{O}(0; \{3^7, 6, 9^3, 18\})$	41472
18	$\mathcal{O}(0; \{2^5, 3^2, 6^2, 9^3, 18\})$	2592
18	$\mathcal{O}(0; \{2, 3^5, 6^2, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{2^6, 6^3, 9^3, 18\})$	1296
18	$\mathcal{O}(0; \{2^2, 3^3, 6^3, 9^3, 18\})$	10368
18	$\mathcal{O}(0; \{2^3, 3, 6^4, 9^3, 18\})$	5184
18	$\mathcal{O}(0; \{3^2, 6^5, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{2, 6^6, 9^3, 18\})$	10368
18	$\mathcal{O}(0; \{2^3, 3^2, 9^6, 18\})$	122472
18	$\mathcal{O}(0; \{2^4, 6, 9^6, 18\})$	61236
18	$\mathcal{O}(0; \{3^3, 6, 9^6, 18\})$	489888
18	$\mathcal{O}(0; \{2, 3, 6^2, 9^6, 18\})$	244944
18	$\mathcal{O}(0; \{2^{10}, 3^2, 9, 18^2\})$	72
18	$\mathcal{O}(0; \{2^6, 3^5, 9, 18^2\})$	576
18	$\mathcal{O}(0; \{2^2, 3^8, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{2^{11}, 6, 9, 18^2\})$	36
18	$\mathcal{O}(0; \{2^7, 3^3, 6, 9, 18^2\})$	288
18	$\mathcal{O}(0; \{2^3, 3^6, 6, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{2^8, 3, 6^2, 9, 18^2\})$	144
18	$\mathcal{O}(0; \{2^4, 3^4, 6^2, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{3^7, 6^2, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{2^5, 3^2, 6^3, 9, 18^2\})$	576
18	$\mathcal{O}(0; \{2, 3^5, 6^3, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{2^6, 6^4, 9, 18^2\})$	288
18	$\mathcal{O}(0; \{2^2, 3^3, 6^4, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{2^3, 3, 6^5, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{3^2, 6^6, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{2, 6^7, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{2^6, 3, 9^4, 18^2\})$	10692
18	$\mathcal{O}(0; \{2^2, 3^4, 9^4, 18^2\})$	85536
18	$\mathcal{O}(0; \{2^3, 3^2, 6, 9^4, 18^2\})$	42768
18	$\mathcal{O}(0; \{2^4, 6^2, 9^4, 18^2\})$	21384
18	$\mathcal{O}(0; \{3^3, 6^2, 9^4, 18^2\})$	171072

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2, 3, 6^3, 9^4, 18^2\})$	85536
18	$\mathcal{O}(0; \{2^2, 9^7, 18^2\})$	1115370
18	$\mathcal{O}(0; \{2^9, 9^2, 18^3\})$	810
18	$\mathcal{O}(0; \{2^5, 3^3, 9^2, 18^3\})$	6480
18	$\mathcal{O}(0; \{2, 3^6, 9^2, 18^3\})$	51840
18	$\mathcal{O}(0; \{2^6, 3, 6, 9^2, 18^3\})$	3240
18	$\mathcal{O}(0; \{2^2, 3^4, 6, 9^2, 18^3\})$	25920
18	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 9^2, 18^3\})$	12960
18	$\mathcal{O}(0; \{2^4, 6^3, 9^2, 18^3\})$	6480
18	$\mathcal{O}(0; \{3^3, 6^3, 9^2, 18^3\})$	51840
18	$\mathcal{O}(0; \{2, 3, 6^4, 9^2, 18^3\})$	25920
18	$\mathcal{O}(0; \{2, 3^2, 9^5, 18^3\})$	752328
18	$\mathcal{O}(0; \{2^2, 6, 9^5, 18^3\})$	376164
18	$\mathcal{O}(0; \{2^8, 3^2, 18^4\})$	648
18	$\mathcal{O}(0; \{2^4, 3^5, 18^4\})$	5184
18	$\mathcal{O}(0; \{3^8, 18^4\})$	41472
18	$\mathcal{O}(0; \{2^9, 6, 18^4\})$	324
18	$\mathcal{O}(0; \{2^5, 3^3, 6, 18^4\})$	2592
18	$\mathcal{O}(0; \{2, 3^6, 6, 18^4\})$	20736
18	$\mathcal{O}(0; \{2^6, 3, 6^2, 18^4\})$	1296
18	$\mathcal{O}(0; \{2^2, 3^4, 6^2, 18^4\})$	10368
18	$\mathcal{O}(0; \{2^3, 3^2, 6^3, 18^4\})$	5184
18	$\mathcal{O}(0; \{2^4, 6^4, 18^4\})$	2592
18	$\mathcal{O}(0; \{3^3, 6^4, 18^4\})$	20736
18	$\mathcal{O}(0; \{2, 3, 6^5, 18^4\})$	10368
18	$\mathcal{O}(0; \{2^4, 3, 9^3, 18^4\})$	61236
18	$\mathcal{O}(0; \{3^4, 9^3, 18^4\})$	489888
18	$\mathcal{O}(0; \{2, 3^2, 6, 9^3, 18^4\})$	244944
18	$\mathcal{O}(0; \{2^2, 6^2, 9^3, 18^4\})$	122472
18	$\mathcal{O}(0; \{9^6, 18^4\})$	6731586
18	$\mathcal{O}(0; \{2^7, 9, 18^5\})$	5346
18	$\mathcal{O}(0; \{2^3, 3^3, 9, 18^5\})$	42768
18	$\mathcal{O}(0; \{2^4, 3, 6, 9, 18^5\})$	21384
18	$\mathcal{O}(0; \{3^4, 6, 9, 18^5\})$	171072
18	$\mathcal{O}(0; \{2, 3^2, 6^2, 9, 18^5\})$	85536
18	$\mathcal{O}(0; \{2^2, 6^3, 9, 18^5\})$	42768
18	$\mathcal{O}(0; \{6, 9^4, 18^5\})$	2230740
18	$\mathcal{O}(0; \{2^2, 3, 9^2, 18^6\})$	376164
18	$\mathcal{O}(0; \{6^2, 9^2, 18^6\})$	752328
18	$\mathcal{O}(0; \{2^5, 18^7\})$	30618
18	$\mathcal{O}(0; \{2, 3^3, 18^7\})$	244944
18	$\mathcal{O}(0; \{2^2, 3, 6, 18^7\})$	122472
18	$\mathcal{O}(0; \{6^3, 18^7\})$	244944

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{3, 9, 18^8\})$	2230740
19	$\mathcal{O}(2; \{19^5\})$	12960423450
20	$\mathcal{O}(3; \{5^3\})$	756000000
20	$\mathcal{O}(3; \{2, 20^2\})$	512000000
20	$\mathcal{O}(2; \{2^4, 5^3\})$	1800000
20	$\mathcal{O}(2; \{2, 4^2, 5^3\})$	3840000
20	$\mathcal{O}(2; \{2^2, 5^2, 10^2\})$	7800000
20	$\mathcal{O}(2; \{5, 10^4\})$	30600000
20	$\mathcal{O}(2; \{2^2, 4, 5, 10, 20\})$	3840000
20	$\mathcal{O}(2; \{4, 10^3, 20\})$	16640000
20	$\mathcal{O}(2; \{2^5, 20^2\})$	1280000
20	$\mathcal{O}(2; \{2^2, 4^2, 20^2\})$	5120000
20	$\mathcal{O}(2; \{5^2, 10, 20^2\})$	65280000
20	$\mathcal{O}(2; \{4, 5, 20^3\})$	66560000
20	$\mathcal{O}(1; \{2^8, 5^3\})$	3600
20	$\mathcal{O}(1; \{2^5, 4^2, 5^3\})$	9600
20	$\mathcal{O}(1; \{2^2, 4^4, 5^3\})$	38400
20	$\mathcal{O}(1; \{5^8\})$	3932400
20	$\mathcal{O}(1; \{2^3, 5^5, 10\})$	246000
20	$\mathcal{O}(1; \{4^2, 5^5, 10\})$	656000
20	$\mathcal{O}(1; \{2^6, 5^2, 10^2\})$	15600
20	$\mathcal{O}(1; \{2^3, 4^2, 5^2, 10^2\})$	41600
20	$\mathcal{O}(1; \{4^4, 5^2, 10^2\})$	166400
20	$\mathcal{O}(1; \{2, 5^4, 10^3\})$	982800
20	$\mathcal{O}(1; \{2^4, 5, 10^4\})$	61200
20	$\mathcal{O}(1; \{2, 4^2, 5, 10^4\})$	163200
20	$\mathcal{O}(1; \{2^2, 10^6\})$	246000
20	$\mathcal{O}(1; \{2^3, 4, 5^4, 20\})$	163200
20	$\mathcal{O}(1; \{4^3, 5^4, 20\})$	652800
20	$\mathcal{O}(1; \{2^6, 4, 5, 10, 20\})$	9600
20	$\mathcal{O}(1; \{2^3, 4^3, 5, 10, 20\})$	38400
20	$\mathcal{O}(1; \{4^5, 5, 10, 20\})$	153600
20	$\mathcal{O}(1; \{2, 4, 5^3, 10^2, 20\})$	656000
20	$\mathcal{O}(1; \{2^4, 4, 10^3, 20\})$	41600
20	$\mathcal{O}(1; \{2, 4^3, 10^3, 20\})$	166400
20	$\mathcal{O}(1; \{2^9, 20^2\})$	3200
20	$\mathcal{O}(1; \{2^6, 4^2, 20^2\})$	12800
20	$\mathcal{O}(1; \{2^3, 4^4, 20^2\})$	51200
20	$\mathcal{O}(1; \{4^6, 20^2\})$	204800
20	$\mathcal{O}(1; \{2, 5^5, 20^2\})$	2620800
20	$\mathcal{O}(1; \{2^4, 5^2, 10, 20^2\})$	163200
20	$\mathcal{O}(1; \{2, 4^2, 5^2, 10, 20^2\})$	652800
20	$\mathcal{O}(1; \{2^2, 5, 10^3, 20^2\})$	656000

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{10^5, 20^2\})$	2620800
20	$\mathcal{O}(1; \{2^4, 4, 5, 20^3\})$	166400
20	$\mathcal{O}(1; \{2, 4^3, 5, 20^3\})$	665600
20	$\mathcal{O}(1; \{2^2, 4, 10^2, 20^3\})$	652800
20	$\mathcal{O}(1; \{2^2, 5^2, 20^4\})$	2624000
20	$\mathcal{O}(1; \{5, 10^2, 20^4\})$	10483200
20	$\mathcal{O}(1; \{4, 10, 20^5\})$	10496000
20	$\mathcal{O}(0; \{2^9, 4^2, 5^3\})$	24
20	$\mathcal{O}(0; \{2^6, 4^4, 5^3\})$	96
20	$\mathcal{O}(0; \{2^3, 4^6, 5^3\})$	384
20	$\mathcal{O}(0; \{4^8, 5^3\})$	1536
20	$\mathcal{O}(0; \{2, 4^2, 5^8\})$	26216
20	$\mathcal{O}(0; \{2^4, 4^2, 5^5, 10\})$	1640
20	$\mathcal{O}(0; \{2, 4^4, 5^5, 10\})$	6560
20	$\mathcal{O}(0; \{2^7, 4^2, 5^2, 10^2\})$	104
20	$\mathcal{O}(0; \{2^4, 4^4, 5^2, 10^2\})$	416
20	$\mathcal{O}(0; \{2, 4^6, 5^2, 10^2\})$	1664
20	$\mathcal{O}(0; \{2^2, 4^2, 5^4, 10^3\})$	6552
20	$\mathcal{O}(0; \{2^5, 4^2, 5, 10^4\})$	408
20	$\mathcal{O}(0; \{2^2, 4^4, 5, 10^4\})$	1632
20	$\mathcal{O}(0; \{4^2, 5^3, 10^5\})$	26216
20	$\mathcal{O}(0; \{2^3, 4^2, 10^6\})$	1640
20	$\mathcal{O}(0; \{4^4, 10^6\})$	6560
20	$\mathcal{O}(0; \{2^7, 4, 5^4, 20\})$	408
20	$\mathcal{O}(0; \{2^4, 4^3, 5^4, 20\})$	1632
20	$\mathcal{O}(0; \{2, 4^5, 5^4, 20\})$	6528
20	$\mathcal{O}(0; \{2^{10}, 4, 5, 10, 20\})$	24
20	$\mathcal{O}(0; \{2^7, 4^3, 5, 10, 20\})$	96
20	$\mathcal{O}(0; \{2^4, 4^5, 5, 10, 20\})$	384
20	$\mathcal{O}(0; \{2, 4^7, 5, 10, 20\})$	1536
20	$\mathcal{O}(0; \{2^2, 4, 5^6, 10, 20\})$	26216
20	$\mathcal{O}(0; \{2^5, 4, 5^3, 10^2, 20\})$	1640
20	$\mathcal{O}(0; \{2^2, 4^3, 5^3, 10^2, 20\})$	6560
20	$\mathcal{O}(0; \{2^8, 4, 10^3, 20\})$	104
20	$\mathcal{O}(0; \{2^5, 4^3, 10^3, 20\})$	416
20	$\mathcal{O}(0; \{2^2, 4^5, 10^3, 20\})$	1664
20	$\mathcal{O}(0; \{4, 5^5, 10^3, 20\})$	104856
20	$\mathcal{O}(0; \{2^3, 4, 5^2, 10^4, 20\})$	6552
20	$\mathcal{O}(0; \{4^3, 5^2, 10^4, 20\})$	26208
20	$\mathcal{O}(0; \{2, 4, 5, 10^6, 20\})$	26216
20	$\mathcal{O}(0; \{2^{13}, 20^2\})$	8
20	$\mathcal{O}(0; \{2^{10}, 4^2, 20^2\})$	32
20	$\mathcal{O}(0; \{2^7, 4^4, 20^2\})$	128

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^4, 4^6, 20^2\})$	512
20	$\mathcal{O}(0; \{2, 4^8, 20^2\})$	2048
20	$\mathcal{O}(0; \{2^5, 5^5, 20^2\})$	6552
20	$\mathcal{O}(0; \{2^2, 4^2, 5^5, 20^2\})$	26208
20	$\mathcal{O}(0; \{2^8, 5^2, 10, 20^2\})$	408
20	$\mathcal{O}(0; \{2^5, 4^2, 5^2, 10, 20^2\})$	1632
20	$\mathcal{O}(0; \{2^2, 4^4, 5^2, 10, 20^2\})$	6528
20	$\mathcal{O}(0; \{5^7, 10, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^3, 5^4, 10^2, 20^2\})$	26216
20	$\mathcal{O}(0; \{4^2, 5^4, 10^2, 20^2\})$	104864
20	$\mathcal{O}(0; \{2^6, 5, 10^3, 20^2\})$	1640
20	$\mathcal{O}(0; \{2^3, 4^2, 5, 10^3, 20^2\})$	6560
20	$\mathcal{O}(0; \{4^4, 5, 10^3, 20^2\})$	26240
20	$\mathcal{O}(0; \{2, 5^3, 10^4, 20^2\})$	104856
20	$\mathcal{O}(0; \{2^4, 10^5, 20^2\})$	6552
20	$\mathcal{O}(0; \{2, 4^2, 10^5, 20^2\})$	26208
20	$\mathcal{O}(0; \{2^8, 4, 5, 20^3\})$	416
20	$\mathcal{O}(0; \{2^5, 4^3, 5, 20^3\})$	1664
20	$\mathcal{O}(0; \{2^2, 4^5, 5, 20^3\})$	6656
20	$\mathcal{O}(0; \{4, 5^6, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^3, 4, 5^3, 10, 20^3\})$	26208
20	$\mathcal{O}(0; \{4^3, 5^3, 10, 20^3\})$	104832
20	$\mathcal{O}(0; \{2^6, 4, 10^2, 20^3\})$	1632
20	$\mathcal{O}(0; \{2^3, 4^3, 10^2, 20^3\})$	6528
20	$\mathcal{O}(0; \{4^5, 10^2, 20^3\})$	26112
20	$\mathcal{O}(0; \{2, 4, 5^2, 10^3, 20^3\})$	104864
20	$\mathcal{O}(0; \{2^6, 5^2, 20^4\})$	6560
20	$\mathcal{O}(0; \{2^3, 4^2, 5^2, 20^4\})$	26240
20	$\mathcal{O}(0; \{4^4, 5^2, 20^4\})$	104960
20	$\mathcal{O}(0; \{2, 5^4, 10, 20^4\})$	419424
20	$\mathcal{O}(0; \{2^4, 5, 10^2, 20^4\})$	26208
20	$\mathcal{O}(0; \{2, 4^2, 5, 10^2, 20^4\})$	104832
20	$\mathcal{O}(0; \{2^2, 10^4, 20^4\})$	104864
20	$\mathcal{O}(0; \{2, 4, 5^3, 20^5\})$	419456
20	$\mathcal{O}(0; \{2^4, 4, 10, 20^5\})$	26240
20	$\mathcal{O}(0; \{2, 4^3, 10, 20^5\})$	104960
20	$\mathcal{O}(0; \{2^2, 5, 10, 20^6\})$	419456
20	$\mathcal{O}(0; \{10^3, 20^6\})$	1677696
20	$\mathcal{O}(0; \{2^2, 4, 20^7\})$	419328
20	$\mathcal{O}(0; \{5, 20^8\})$	6710784
21	$\mathcal{O}(2; \{3^2, 7, 21^2\})$	35006580
21	$\mathcal{O}(1; \{3^4, 7^4\})$	492156
21	$\mathcal{O}(1; \{3^5, 7, 21^2\})$	555660

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
21	$\mathcal{O}(1; \{3, 7^3, 21^3\})$	17638236
21	$\mathcal{O}(1; \{3^2, 21^5\})$	20559420
21	$\mathcal{O}(0; \{3^7, 7^4\})$	7812
21	$\mathcal{O}(0; \{3^3, 7^6, 21\})$	239940
21	$\mathcal{O}(0; \{3^8, 7, 21^2\})$	10260
21	$\mathcal{O}(0; \{3^4, 7^3, 21^3\})$	279972
21	$\mathcal{O}(0; \{7^5, 21^4\})$	8638020
21	$\mathcal{O}(0; \{3^5, 21^5\})$	379620
21	$\mathcal{O}(0; \{3, 7^2, 21^6\})$	10077732
22	$\mathcal{O}(3; \{11^2\})$	1116083430
22	$\mathcal{O}(2; \{2^4, 11^2\})$	2342560
22	$\mathcal{O}(2; \{2^2, 11, 22^2\})$	21083040
22	$\mathcal{O}(2; \{22^4\})$	213172960
22	$\mathcal{O}(1; \{2^8, 11^2\})$	4840
22	$\mathcal{O}(1; \{2^6, 11, 22^2\})$	43560
22	$\mathcal{O}(1; \{2^4, 22^4\})$	440440
22	$\mathcal{O}(0; \{2^{12}, 11^2\})$	10
22	$\mathcal{O}(0; \{2, 11^7, 22\})$	9090910
22	$\mathcal{O}(0; \{2^{10}, 11, 22^2\})$	90
22	$\mathcal{O}(0; \{2^8, 22^4\})$	910
24	$\mathcal{O}(3; \{3^2\})$	376233984
24	$\mathcal{O}(2; \{2^4, 3^2\})$	622080
24	$\mathcal{O}(2; \{3^5\})$	3110400
24	$\mathcal{O}(2; \{2, 3^2, 4^2\})$	1244160
24	$\mathcal{O}(2; \{2, 3^3, 6\})$	1866240
24	$\mathcal{O}(2; \{2^2, 3, 6^2\})$	622080
24	$\mathcal{O}(2; \{6^4\})$	1866240
24	$\mathcal{O}(2; \{2^2, 3, 4, 12\})$	1244160
24	$\mathcal{O}(2; \{4, 6^2, 12\})$	1244160
24	$\mathcal{O}(2; \{3, 8^2, 12\})$	5308416
24	$\mathcal{O}(2; \{2^3, 12^2\})$	1244160
24	$\mathcal{O}(2; \{4^2, 12^2\})$	4976640
24	$\mathcal{O}(2; \{3, 6, 12^2\})$	3732480
24	$\mathcal{O}(2; \{3, 6, 8, 24\})$	2654208
24	$\mathcal{O}(2; \{3, 4, 24^2\})$	5308416
24	$\mathcal{O}(2; \{2, 12, 24^2\})$	5308416
24	$\mathcal{O}(1; \{2^8, 3^2\})$	864
24	$\mathcal{O}(1; \{2^4, 3^5\})$	4320
24	$\mathcal{O}(1; \{3^8\})$	37152
24	$\mathcal{O}(1; \{2^5, 3^2, 4^2\})$	1728
24	$\mathcal{O}(1; \{2, 3^5, 4^2\})$	8640
24	$\mathcal{O}(1; \{2^2, 3^2, 4^4\})$	6912
24	$\mathcal{O}(1; \{2^5, 3^3, 6\})$	2592

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{2, 3^6, 6\})$	18144
24	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6\})$	5184
24	$\mathcal{O}(1; \{2^6, 3, 6^2\})$	864
24	$\mathcal{O}(1; \{2^2, 3^4, 6^2\})$	9504
24	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^2\})$	1728
24	$\mathcal{O}(1; \{3, 4^4, 6^2\})$	6912
24	$\mathcal{O}(1; \{2^3, 3^2, 6^3\})$	4320
24	$\mathcal{O}(1; \{3^2, 4^2, 6^3\})$	8640
24	$\mathcal{O}(1; \{2^4, 6^4\})$	2592
24	$\mathcal{O}(1; \{3^3, 6^4\})$	18144
24	$\mathcal{O}(1; \{2, 4^2, 6^4\})$	5184
24	$\mathcal{O}(1; \{2, 3, 6^5\})$	9504
24	$\mathcal{O}(1; \{2^3, 3^2, 4, 8^2\})$	9216
24	$\mathcal{O}(1; \{3^2, 4^3, 8^2\})$	36864
24	$\mathcal{O}(1; \{3^3, 4, 6, 8^2\})$	27648
24	$\mathcal{O}(1; \{2, 3, 4, 6^2, 8^2\})$	9216
24	$\mathcal{O}(1; \{2, 3^2, 8^4\})$	73728
24	$\mathcal{O}(1; \{2^6, 3, 4, 12\})$	1728
24	$\mathcal{O}(1; \{2^2, 3^4, 4, 12\})$	8640
24	$\mathcal{O}(1; \{2^3, 3, 4^3, 12\})$	6912
24	$\mathcal{O}(1; \{3, 4^5, 12\})$	27648
24	$\mathcal{O}(1; \{2^3, 3^2, 4, 6, 12\})$	5184
24	$\mathcal{O}(1; \{3^2, 4^3, 6, 12\})$	20736
24	$\mathcal{O}(1; \{2^4, 4, 6^2, 12\})$	1728
24	$\mathcal{O}(1; \{3^3, 4, 6^2, 12\})$	19008
24	$\mathcal{O}(1; \{2, 4^3, 6^2, 12\})$	6912
24	$\mathcal{O}(1; \{2, 3, 4, 6^3, 12\})$	8640
24	$\mathcal{O}(1; \{2^4, 3, 8^2, 12\})$	9216
24	$\mathcal{O}(1; \{3^4, 8^2, 12\})$	46080
24	$\mathcal{O}(1; \{2, 3, 4^2, 8^2, 12\})$	36864
24	$\mathcal{O}(1; \{2, 3^2, 6, 8^2, 12\})$	27648
24	$\mathcal{O}(1; \{2^2, 6^2, 8^2, 12\})$	9216
24	$\mathcal{O}(1; \{2^7, 12^2\})$	1728
24	$\mathcal{O}(1; \{2^3, 3^3, 12^2\})$	8640
24	$\mathcal{O}(1; \{2^4, 4^2, 12^2\})$	6912
24	$\mathcal{O}(1; \{3^3, 4^2, 12^2\})$	34560
24	$\mathcal{O}(1; \{2, 4^4, 12^2\})$	27648
24	$\mathcal{O}(1; \{2^4, 3, 6, 12^2\})$	5184
24	$\mathcal{O}(1; \{3^4, 6, 12^2\})$	36288
24	$\mathcal{O}(1; \{2, 3, 4^2, 6, 12^2\})$	20736
24	$\mathcal{O}(1; \{2, 3^2, 6^2, 12^2\})$	19008
24	$\mathcal{O}(1; \{2^2, 6^3, 12^2\})$	8640
24	$\mathcal{O}(1; \{2^2, 4, 8^2, 12^2\})$	36864

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{8^4, 12^2\})$	294912
24	$\mathcal{O}(1; \{2, 3^2, 4, 12^3\})$	34560
24	$\mathcal{O}(1; \{2^2, 4, 6, 12^3\})$	20736
24	$\mathcal{O}(1; \{6, 8^2, 12^3\})$	110592
24	$\mathcal{O}(1; \{2^2, 3, 12^4\})$	34560
24	$\mathcal{O}(1; \{6^2, 12^4\})$	76032
24	$\mathcal{O}(1; \{4, 12^5\})$	138240
24	$\mathcal{O}(1; \{2^3, 3^3, 8, 24\})$	13824
24	$\mathcal{O}(1; \{3^3, 4^2, 8, 24\})$	55296
24	$\mathcal{O}(1; \{2^4, 3, 6, 8, 24\})$	4608
24	$\mathcal{O}(1; \{3^4, 6, 8, 24\})$	50688
24	$\mathcal{O}(1; \{2, 3, 4^2, 6, 8, 24\})$	18432
24	$\mathcal{O}(1; \{2, 3^2, 6^2, 8, 24\})$	23040
24	$\mathcal{O}(1; \{2^2, 6^3, 8, 24\})$	13824
24	$\mathcal{O}(1; \{2, 3^2, 4, 8, 12, 24\})$	55296
24	$\mathcal{O}(1; \{2^2, 4, 6, 8, 12, 24\})$	18432
24	$\mathcal{O}(1; \{6, 8^3, 12, 24\})$	147456
24	$\mathcal{O}(1; \{2^2, 3, 8, 12^2, 24\})$	55296
24	$\mathcal{O}(1; \{6^2, 8, 12^2, 24\})$	92160
24	$\mathcal{O}(1; \{4, 8, 12^3, 24\})$	221184
24	$\mathcal{O}(1; \{2^4, 3, 4, 24^2\})$	9216
24	$\mathcal{O}(1; \{3^4, 4, 24^2\})$	101376
24	$\mathcal{O}(1; \{2, 3, 4^3, 24^2\})$	36864
24	$\mathcal{O}(1; \{2, 3^2, 4, 6, 24^2\})$	46080
24	$\mathcal{O}(1; \{2^2, 4, 6^2, 24^2\})$	27648
24	$\mathcal{O}(1; \{2^2, 3, 8^2, 24^2\})$	73728
24	$\mathcal{O}(1; \{6^2, 8^2, 24^2\})$	221184
24	$\mathcal{O}(1; \{2^5, 12, 24^2\})$	9216
24	$\mathcal{O}(1; \{2, 3^3, 12, 24^2\})$	101376
24	$\mathcal{O}(1; \{2^2, 4^2, 12, 24^2\})$	36864
24	$\mathcal{O}(1; \{2^2, 3, 6, 12, 24^2\})$	46080
24	$\mathcal{O}(1; \{6^3, 12, 24^2\})$	101376
24	$\mathcal{O}(1; \{4, 8^2, 12, 24^2\})$	294912
24	$\mathcal{O}(1; \{4, 6, 12^2, 24^2\})$	184320
24	$\mathcal{O}(1; \{3, 12^3, 24^2\})$	405504
24	$\mathcal{O}(1; \{4, 6, 8, 24^3\})$	442368
24	$\mathcal{O}(1; \{3, 8, 12, 24^3\})$	737280
24	$\mathcal{O}(1; \{2^3, 24^4\})$	221184
24	$\mathcal{O}(1; \{4^2, 24^4\})$	884736
24	$\mathcal{O}(1; \{3, 6, 24^4\})$	811008
24	$\mathcal{O}(0; \{2^7, 3^2, 4, 8^2\})$	16
24	$\mathcal{O}(0; \{2^3, 3^5, 4, 8^2\})$	80
24	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 8^2\})$	64

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^6, 4, 8^2, 12^2\})$	64
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 8^2, 12^2\})$	320
24	$\mathcal{O}(0; \{2^3, 4^3, 8^2, 12^2\})$	256
24	$\mathcal{O}(0; \{4^5, 8^2, 12^2\})$	1024
24	$\mathcal{O}(0; \{2^3, 3, 4, 6, 8^2, 12^2\})$	192
24	$\mathcal{O}(0; \{3, 4^3, 6, 8^2, 12^2\})$	768
24	$\mathcal{O}(0; \{3^2, 4, 6^2, 8^2, 12^2\})$	704
24	$\mathcal{O}(0; \{2, 4, 6^3, 8^2, 12^2\})$	320
24	$\mathcal{O}(0; \{2^4, 8^4, 12^2\})$	512
24	$\mathcal{O}(0; \{3^3, 8^4, 12^2\})$	2560
24	$\mathcal{O}(0; \{2, 4^2, 8^4, 12^2\})$	2048
24	$\mathcal{O}(0; \{2, 3, 6, 8^4, 12^2\})$	1536
24	$\mathcal{O}(0; \{2^3, 3^2, 8^2, 12^3\})$	320
24	$\mathcal{O}(0; \{3^2, 4^2, 8^2, 12^3\})$	1280
24	$\mathcal{O}(0; \{2^4, 6, 8^2, 12^3\})$	192
24	$\mathcal{O}(0; \{3^3, 6, 8^2, 12^3\})$	1344
24	$\mathcal{O}(0; \{2, 4^2, 6, 8^2, 12^3\})$	768
24	$\mathcal{O}(0; \{2, 3, 6^2, 8^2, 12^3\})$	704
24	$\mathcal{O}(0; \{2, 3, 4, 8^2, 12^4\})$	1280
24	$\mathcal{O}(0; \{2^2, 8^2, 12^5\})$	1280
24	$\mathcal{O}(0; \{2^7, 3^3, 8, 24\})$	24
24	$\mathcal{O}(0; \{2^3, 3^6, 8, 24\})$	168
24	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 8, 24\})$	96
24	$\mathcal{O}(0; \{3^6, 4^2, 8, 24\})$	672
24	$\mathcal{O}(0; \{2, 3^3, 4^4, 8, 24\})$	384
24	$\mathcal{O}(0; \{2^8, 3, 6, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^4, 3^4, 6, 8, 24\})$	88
24	$\mathcal{O}(0; \{3^7, 6, 8, 24\})$	680
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 6, 8, 24\})$	32
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 6, 8, 24\})$	352
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 6, 8, 24\})$	128
24	$\mathcal{O}(0; \{2^5, 3^2, 6^2, 8, 24\})$	40
24	$\mathcal{O}(0; \{2, 3^5, 6^2, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^2, 8, 24\})$	160
24	$\mathcal{O}(0; \{2^6, 6^3, 8, 24\})$	24
24	$\mathcal{O}(0; \{2^2, 3^3, 6^3, 8, 24\})$	168
24	$\mathcal{O}(0; \{2^3, 4^2, 6^3, 8, 24\})$	96
24	$\mathcal{O}(0; \{4^4, 6^3, 8, 24\})$	384
24	$\mathcal{O}(0; \{2^3, 3, 6^4, 8, 24\})$	88
24	$\mathcal{O}(0; \{3, 4^2, 6^4, 8, 24\})$	352
24	$\mathcal{O}(0; \{3^2, 6^5, 8, 24\})$	344
24	$\mathcal{O}(0; \{2, 6^6, 8, 24\})$	168
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 8^3, 24\})$	768

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^3, 3, 4, 6, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{3, 4^3, 6, 8^3, 24\})$	1024
24	$\mathcal{O}(0; \{3^2, 4, 6^2, 8^3, 24\})$	1280
24	$\mathcal{O}(0; \{2, 4, 6^3, 8^3, 24\})$	768
24	$\mathcal{O}(0; \{3^3, 8^5, 24\})$	6144
24	$\mathcal{O}(0; \{2, 3, 6, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 8, 12, 24\})$	96
24	$\mathcal{O}(0; \{2, 3^5, 4, 8, 12, 24\})$	672
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 8, 12, 24\})$	384
24	$\mathcal{O}(0; \{2^6, 4, 6, 8, 12, 24\})$	32
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6, 8, 12, 24\})$	352
24	$\mathcal{O}(0; \{2^3, 4^3, 6, 8, 12, 24\})$	128
24	$\mathcal{O}(0; \{4^5, 6, 8, 12, 24\})$	512
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^2, 8, 12, 24\})$	160
24	$\mathcal{O}(0; \{3, 4^3, 6^2, 8, 12, 24\})$	640
24	$\mathcal{O}(0; \{3^2, 4, 6^3, 8, 12, 24\})$	672
24	$\mathcal{O}(0; \{2, 4, 6^4, 8, 12, 24\})$	352
24	$\mathcal{O}(0; \{2^3, 3^2, 8^3, 12, 24\})$	768
24	$\mathcal{O}(0; \{3^2, 4^2, 8^3, 12, 24\})$	3072
24	$\mathcal{O}(0; \{2^4, 6, 8^3, 12, 24\})$	256
24	$\mathcal{O}(0; \{3^3, 6, 8^3, 12, 24\})$	2816
24	$\mathcal{O}(0; \{2, 4^2, 6, 8^3, 12, 24\})$	1024
24	$\mathcal{O}(0; \{2, 3, 6^2, 8^3, 12, 24\})$	1280
24	$\mathcal{O}(0; \{2^6, 3, 8, 12^2, 24\})$	96
24	$\mathcal{O}(0; \{2^2, 3^4, 8, 12^2, 24\})$	672
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 8, 12^2, 24\})$	384
24	$\mathcal{O}(0; \{3, 4^4, 8, 12^2, 24\})$	1536
24	$\mathcal{O}(0; \{2^3, 3^2, 6, 8, 12^2, 24\})$	352
24	$\mathcal{O}(0; \{3^2, 4^2, 6, 8, 12^2, 24\})$	1408
24	$\mathcal{O}(0; \{2^4, 6^2, 8, 12^2, 24\})$	160
24	$\mathcal{O}(0; \{3^3, 6^2, 8, 12^2, 24\})$	1376
24	$\mathcal{O}(0; \{2, 4^2, 6^2, 8, 12^2, 24\})$	640
24	$\mathcal{O}(0; \{2, 3, 6^3, 8, 12^2, 24\})$	672
24	$\mathcal{O}(0; \{2, 3, 4, 8^3, 12^2, 24\})$	3072
24	$\mathcal{O}(0; \{2^4, 4, 8, 12^3, 24\})$	384
24	$\mathcal{O}(0; \{3^3, 4, 8, 12^3, 24\})$	2688
24	$\mathcal{O}(0; \{2, 4^3, 8, 12^3, 24\})$	1536
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8, 12^3, 24\})$	1408
24	$\mathcal{O}(0; \{2^2, 8^3, 12^3, 24\})$	3072
24	$\mathcal{O}(0; \{2, 3^2, 8, 12^4, 24\})$	2688
24	$\mathcal{O}(0; \{2^2, 6, 8, 12^4, 24\})$	1408
24	$\mathcal{O}(0; \{8, 12^6, 24\})$	10752
24	$\mathcal{O}(0; \{2^8, 3, 4, 24^2\})$	16

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 3^4, 4, 24^2\})$	176
24	$\mathcal{O}(0; \{3^7, 4, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^5, 3, 4^3, 24^2\})$	64
24	$\mathcal{O}(0; \{2, 3^4, 4^3, 24^2\})$	704
24	$\mathcal{O}(0; \{2^2, 3, 4^5, 24^2\})$	256
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 6, 24^2\})$	80
24	$\mathcal{O}(0; \{2, 3^5, 4, 6, 24^2\})$	688
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6, 24^2\})$	320
24	$\mathcal{O}(0; \{2^6, 4, 6^2, 24^2\})$	48
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^2, 24^2\})$	336
24	$\mathcal{O}(0; \{2^3, 4^3, 6^2, 24^2\})$	192
24	$\mathcal{O}(0; \{4^5, 6^2, 24^2\})$	768
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^3, 24^2\})$	176
24	$\mathcal{O}(0; \{3, 4^3, 6^3, 24^2\})$	704
24	$\mathcal{O}(0; \{3^2, 4, 6^4, 24^2\})$	688
24	$\mathcal{O}(0; \{2, 4, 6^5, 24^2\})$	336
24	$\mathcal{O}(0; \{2^6, 3, 8^2, 24^2\})$	128
24	$\mathcal{O}(0; \{2^2, 3^4, 8^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 8^2, 24^2\})$	512
24	$\mathcal{O}(0; \{3, 4^4, 8^2, 24^2\})$	2048
24	$\mathcal{O}(0; \{2^3, 3^2, 6, 8^2, 24^2\})$	640
24	$\mathcal{O}(0; \{3^2, 4^2, 6, 8^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^4, 6^2, 8^2, 24^2\})$	384
24	$\mathcal{O}(0; \{3^3, 6^2, 8^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2, 4^2, 6^2, 8^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{2, 3, 6^3, 8^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{2, 3, 4, 8^4, 24^2\})$	4096
24	$\mathcal{O}(0; \{2^9, 12, 24^2\})$	16
24	$\mathcal{O}(0; \{2^5, 3^3, 12, 24^2\})$	176
24	$\mathcal{O}(0; \{2, 3^6, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^6, 4^2, 12, 24^2\})$	64
24	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 12, 24^2\})$	704
24	$\mathcal{O}(0; \{2^3, 4^4, 12, 24^2\})$	256
24	$\mathcal{O}(0; \{4^6, 12, 24^2\})$	1024
24	$\mathcal{O}(0; \{2^6, 3, 6, 12, 24^2\})$	80
24	$\mathcal{O}(0; \{2^2, 3^4, 6, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 6, 12, 24^2\})$	320
24	$\mathcal{O}(0; \{3, 4^4, 6, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 12, 24^2\})$	336
24	$\mathcal{O}(0; \{3^2, 4^2, 6^2, 12, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^4, 6^3, 12, 24^2\})$	176
24	$\mathcal{O}(0; \{3^3, 6^3, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2, 4^2, 6^3, 12, 24^2\})$	704

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2, 3, 6^4, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{2^4, 4, 8^2, 12, 24^2\})$	512
24	$\mathcal{O}(0; \{3^3, 4, 8^2, 12, 24^2\})$	5632
24	$\mathcal{O}(0; \{2, 4^3, 8^2, 12, 24^2\})$	2048
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8^2, 12, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^2, 8^4, 12, 24^2\})$	4096
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 12^2, 24^2\})$	704
24	$\mathcal{O}(0; \{3^2, 4^3, 12^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^4, 4, 6, 12^2, 24^2\})$	320
24	$\mathcal{O}(0; \{3^3, 4, 6, 12^2, 24^2\})$	2752
24	$\mathcal{O}(0; \{2, 4^3, 6, 12^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{2, 3, 4, 6^2, 12^2, 24^2\})$	1344
24	$\mathcal{O}(0; \{2, 3^2, 8^2, 12^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^2, 6, 8^2, 12^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^4, 3, 12^3, 24^2\})$	704
24	$\mathcal{O}(0; \{3^4, 12^3, 24^2\})$	5440
24	$\mathcal{O}(0; \{2, 3, 4^2, 12^3, 24^2\})$	2816
24	$\mathcal{O}(0; \{2, 3^2, 6, 12^3, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^2, 6^2, 12^3, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^2, 4, 12^4, 24^2\})$	2816
24	$\mathcal{O}(0; \{8^2, 12^4, 24^2\})$	22528
24	$\mathcal{O}(0; \{6, 12^5, 24^2\})$	11008
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 8, 24^3\})$	1280
24	$\mathcal{O}(0; \{3^2, 4^3, 8, 24^3\})$	5120
24	$\mathcal{O}(0; \{2^4, 4, 6, 8, 24^3\})$	768
24	$\mathcal{O}(0; \{3^3, 4, 6, 8, 24^3\})$	5376
24	$\mathcal{O}(0; \{2, 4^3, 6, 8, 24^3\})$	3072
24	$\mathcal{O}(0; \{2, 3, 4, 6^2, 8, 24^3\})$	2816
24	$\mathcal{O}(0; \{2, 3^2, 8^3, 24^3\})$	10240
24	$\mathcal{O}(0; \{2^2, 6, 8^3, 24^3\})$	6144
24	$\mathcal{O}(0; \{2^4, 3, 8, 12, 24^3\})$	1280
24	$\mathcal{O}(0; \{3^4, 8, 12, 24^3\})$	11008
24	$\mathcal{O}(0; \{2, 3, 4^2, 8, 12, 24^3\})$	5120
24	$\mathcal{O}(0; \{2, 3^2, 6, 8, 12, 24^3\})$	5376
24	$\mathcal{O}(0; \{2^2, 6^2, 8, 12, 24^3\})$	2816
24	$\mathcal{O}(0; \{2^2, 4, 8, 12^2, 24^3\})$	5120
24	$\mathcal{O}(0; \{8^3, 12^2, 24^3\})$	40960
24	$\mathcal{O}(0; \{6, 8, 12^3, 24^3\})$	21504
24	$\mathcal{O}(0; \{2^7, 24^4\})$	384
24	$\mathcal{O}(0; \{2^3, 3^3, 24^4\})$	2688
24	$\mathcal{O}(0; \{2^4, 4^2, 24^4\})$	1536
24	$\mathcal{O}(0; \{3^3, 4^2, 24^4\})$	10752
24	$\mathcal{O}(0; \{2, 4^4, 24^4\})$	6144

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{2^4, 3, 6, 24^4\})$	1408
24	$\mathcal{O}(0; \{3^4, 6, 24^4\})$	10880
24	$\mathcal{O}(0; \{2, 3, 4^2, 6, 24^4\})$	5632
24	$\mathcal{O}(0; \{2, 3^2, 6^2, 24^4\})$	5504
24	$\mathcal{O}(0; \{2^2, 6^3, 24^4\})$	2688
24	$\mathcal{O}(0; \{2^2, 4, 8^2, 24^4\})$	12288
24	$\mathcal{O}(0; \{8^4, 24^4\})$	98304
24	$\mathcal{O}(0; \{2, 3^2, 4, 12, 24^4\})$	10752
24	$\mathcal{O}(0; \{2^2, 4, 6, 12, 24^4\})$	5632
24	$\mathcal{O}(0; \{6, 8^2, 12, 24^4\})$	45056
24	$\mathcal{O}(0; \{2^2, 3, 12^2, 24^4\})$	10752
24	$\mathcal{O}(0; \{6^2, 12^2, 24^4\})$	22016
24	$\mathcal{O}(0; \{4, 12^3, 24^4\})$	43008
24	$\mathcal{O}(0; \{2^2, 3, 8, 24^5\})$	22528
24	$\mathcal{O}(0; \{6^2, 8, 24^5\})$	43008
24	$\mathcal{O}(0; \{4, 8, 12, 24^5\})$	90112
24	$\mathcal{O}(0; \{4, 6, 24^6\})$	86016
24	$\mathcal{O}(0; \{3, 12, 24^6\})$	176128
25	$\mathcal{O}(1; \{5^4, 25^2\})$	3200000
26	$\mathcal{O}(2; \{2^2, 26^2\})$	5483712
26	$\mathcal{O}(1; \{2^6, 26^2\})$	8112
26	$\mathcal{O}(0; \{2^{10}, 26^2\})$	12
27	$\mathcal{O}(1; \{9, 27^4\})$	19131876
27	$\mathcal{O}(0; \{3^3, 9, 27^4\})$	209952
27	$\mathcal{O}(0; \{27^7\})$	22320522
28	$\mathcal{O}(2; \{7^3\})$	17287200
28	$\mathcal{O}(2; \{4, 7, 28\})$	7375872
28	$\mathcal{O}(1; \{2^4, 7^3\})$	17640
28	$\mathcal{O}(1; \{2, 4^2, 7^3\})$	47040
28	$\mathcal{O}(1; \{2^2, 7^2, 14^2\})$	109368
28	$\mathcal{O}(1; \{7, 14^4\})$	652680
28	$\mathcal{O}(1; \{2^4, 4, 7, 28\})$	9408
28	$\mathcal{O}(1; \{2, 4^3, 7, 28\})$	37632
28	$\mathcal{O}(1; \{2^2, 4, 14^2, 28\})$	47040
28	$\mathcal{O}(1; \{7^2, 14, 28^2\})$	1740480
28	$\mathcal{O}(1; \{4, 14, 28^3\})$	1166592
28	$\mathcal{O}(0; \{2^5, 4^2, 7^3\})$	60
28	$\mathcal{O}(0; \{2^2, 4^4, 7^3\})$	240
28	$\mathcal{O}(0; \{2^3, 4^2, 7^2, 14^2\})$	372
28	$\mathcal{O}(0; \{4^4, 7^2, 14^2\})$	1488
28	$\mathcal{O}(0; \{2, 4^2, 7, 14^4\})$	2220
28	$\mathcal{O}(0; \{2^8, 4, 7, 28\})$	12
28	$\mathcal{O}(0; \{2^5, 4^3, 7, 28\})$	48

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{2^2, 4^5, 7, 28\})$	192
28	$\mathcal{O}(0; \{2, 4, 7^4, 14, 28\})$	13332
28	$\mathcal{O}(0; \{2^6, 4, 14^2, 28\})$	60
28	$\mathcal{O}(0; \{2^3, 4^3, 14^2, 28\})$	240
28	$\mathcal{O}(0; \{4^5, 14^2, 28\})$	960
28	$\mathcal{O}(0; \{2^4, 7^2, 14, 28^2\})$	2220
28	$\mathcal{O}(0; \{2, 4^2, 7^2, 14, 28^2\})$	8880
28	$\mathcal{O}(0; \{2^2, 7, 14^3, 28^2\})$	13332
28	$\mathcal{O}(0; \{14^5, 28^2\})$	79980
28	$\mathcal{O}(0; \{2^4, 4, 14, 28^3\})$	1488
28	$\mathcal{O}(0; \{2, 4^3, 14, 28^3\})$	5952
28	$\mathcal{O}(0; \{2^2, 7^2, 28^4\})$	53328
28	$\mathcal{O}(0; \{7, 14^2, 28^4\})$	319920
28	$\mathcal{O}(0; \{2^2, 4, 28^5\})$	35520
30	$\mathcal{O}(1; \{3^4, 5^2\})$	16200
30	$\mathcal{O}(1; \{2, 3^2, 5^2, 6\})$	7200
30	$\mathcal{O}(1; \{2^2, 5^2, 6^2\})$	7200
30	$\mathcal{O}(1; \{5, 6^2, 10^2\})$	21600
30	$\mathcal{O}(1; \{5^2, 6, 10, 15\})$	93600
30	$\mathcal{O}(1; \{5^3, 15^2\})$	275400
30	$\mathcal{O}(1; \{2^3, 10, 15^2\})$	21600
30	$\mathcal{O}(1; \{3, 6, 10, 15^2\})$	64800
30	$\mathcal{O}(1; \{3, 5, 15^3\})$	210600
30	$\mathcal{O}(1; \{2, 3^3, 5, 30\})$	21600
30	$\mathcal{O}(1; \{2^2, 3, 5, 6, 30\})$	7200
30	$\mathcal{O}(1; \{5, 6^3, 30\})$	21600
30	$\mathcal{O}(1; \{3, 6, 10^2, 30\})$	21600
30	$\mathcal{O}(1; \{3, 5, 10, 15, 30\})$	93600
30	$\mathcal{O}(1; \{2, 15^3, 30\})$	280800
30	$\mathcal{O}(1; \{2^2, 3^2, 30^2\})$	21600
30	$\mathcal{O}(1; \{2^3, 6, 30^2\})$	7200
30	$\mathcal{O}(1; \{3, 6^2, 30^2\})$	36000
30	$\mathcal{O}(1; \{2, 10, 15, 30^2\})$	93600
30	$\mathcal{O}(0; \{2^4, 3^4, 5^2\})$	24
30	$\mathcal{O}(0; \{2^5, 3^2, 5^2, 6\})$	8
30	$\mathcal{O}(0; \{2, 3^5, 5^2, 6\})$	88
30	$\mathcal{O}(0; \{2^6, 5^2, 6^2\})$	8
30	$\mathcal{O}(0; \{2^2, 3^3, 5^2, 6^2\})$	40
30	$\mathcal{O}(0; \{2^3, 3, 5^2, 6^3\})$	24
30	$\mathcal{O}(0; \{3^2, 5^2, 6^4\})$	88
30	$\mathcal{O}(0; \{2, 5^2, 6^5\})$	40
30	$\mathcal{O}(0; \{3^2, 5^4, 6, 10\})$	408
30	$\mathcal{O}(0; \{2, 5^4, 6^2, 10\})$	408

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

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

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{5^2, 6, 15, 30^3\})$	8200
30	$\mathcal{O}(0; \{2^3, 15^2, 30^3\})$	2040
30	$\mathcal{O}(0; \{3, 6, 15^2, 30^3\})$	8568
30	$\mathcal{O}(0; \{5^3, 30^4\})$	19656
30	$\mathcal{O}(0; \{2^3, 10, 30^4\})$	1224
30	$\mathcal{O}(0; \{3, 6, 10, 30^4\})$	4488
30	$\mathcal{O}(0; \{3, 5, 15, 30^4\})$	18040
30	$\mathcal{O}(0; \{2, 15, 30^5\})$	18040
32	$\mathcal{O}(3; \emptyset)$	1056964608
32	$\mathcal{O}(2; \{2^4\})$	983040
32	$\mathcal{O}(2; \{2, 4^2\})$	1966080
32	$\mathcal{O}(1; \{2^8\})$	768
32	$\mathcal{O}(1; \{2^5, 4^2\})$	1536
32	$\mathcal{O}(1; \{2^2, 4^4\})$	6144
32	$\mathcal{O}(1; \{2^3, 4, 8^2\})$	6144
32	$\mathcal{O}(1; \{4^3, 8^2\})$	24576
32	$\mathcal{O}(1; \{2, 8^4\})$	49152
32	$\mathcal{O}(1; \{2, 4, 8, 16^2\})$	49152
32	$\mathcal{O}(0; \{2^3, 4, 8, 16, 32^2\})$	1024
32	$\mathcal{O}(0; \{4^3, 8, 16, 32^2\})$	4096
32	$\mathcal{O}(0; \{2, 8^3, 16, 32^2\})$	8192
32	$\mathcal{O}(0; \{2, 4, 16^3, 32^2\})$	16384
32	$\mathcal{O}(0; \{2, 4, 8, 32^4\})$	32768
33	$\mathcal{O}(1; \{3^3, 11, 33\})$	65340
33	$\mathcal{O}(1; \{33^4\})$	5945940
33	$\mathcal{O}(0; \{3^2, 11^5\})$	18180
33	$\mathcal{O}(0; \{3^6, 11, 33\})$	420
33	$\mathcal{O}(0; \{3^3, 33^4\})$	38220
34	$\mathcal{O}(1; \{17^4\})$	3343152
34	$\mathcal{O}(0; \{2^4, 17^4\})$	3856
34	$\mathcal{O}(0; \{2^2, 17^3, 34^2\})$	61680
34	$\mathcal{O}(0; \{17^2, 34^4\})$	986896
35	$\mathcal{O}(1; \{7^2, 35^2\})$	911400
35	$\mathcal{O}(0; \{5, 35^5\})$	910200
36	$\mathcal{O}(1; \{9^4\})$	157464
36	$\mathcal{O}(1; \{6, 9^2, 18\})$	34992
36	$\mathcal{O}(1; \{2^2, 3, 18^2\})$	11664
36	$\mathcal{O}(1; \{6^2, 18^2\})$	23328
36	$\mathcal{O}(1; \{4, 12, 18^2\})$	31104
36	$\mathcal{O}(1; \{4, 9, 18, 36\})$	46656
36	$\mathcal{O}(1; \{3, 18, 36^2\})$	93312
36	$\mathcal{O}(0; \{2, 4^2, 9^4\})$	324
36	$\mathcal{O}(0; \{3^2, 4^2, 9^2, 18\})$	144

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2, 4^2, 6, 9^2, 18\})$	72
36	$\mathcal{O}(0; \{2, 3, 4, 9^2, 12, 18\})$	144
36	$\mathcal{O}(0; \{2^2, 9^2, 12^2, 18\})$	144
36	$\mathcal{O}(0; \{2^3, 3, 4^2, 18^2\})$	24
36	$\mathcal{O}(0; \{3, 4^4, 18^2\})$	96
36	$\mathcal{O}(0; \{3^2, 4^2, 6, 18^2\})$	96
36	$\mathcal{O}(0; \{2, 4^2, 6^2, 18^2\})$	48
36	$\mathcal{O}(0; \{2^4, 4, 12, 18^2\})$	24
36	$\mathcal{O}(0; \{3^3, 4, 12, 18^2\})$	192
36	$\mathcal{O}(0; \{2, 4^3, 12, 18^2\})$	96
36	$\mathcal{O}(0; \{2, 3, 4, 6, 12, 18^2\})$	96
36	$\mathcal{O}(0; \{2, 3^2, 12^2, 18^2\})$	192
36	$\mathcal{O}(0; \{2^2, 6, 12^2, 18^2\})$	96
36	$\mathcal{O}(0; \{12^4, 18^2\})$	768
36	$\mathcal{O}(0; \{9, 12^2, 18^3\})$	1296
36	$\mathcal{O}(0; \{2, 3, 4, 9^3, 36\})$	648
36	$\mathcal{O}(0; \{2^2, 9^3, 12, 36\})$	648
36	$\mathcal{O}(0; \{2^4, 4, 9, 18, 36\})$	36
36	$\mathcal{O}(0; \{3^3, 4, 9, 18, 36\})$	288
36	$\mathcal{O}(0; \{2, 4^3, 9, 18, 36\})$	144
36	$\mathcal{O}(0; \{2, 3, 4, 6, 9, 18, 36\})$	144
36	$\mathcal{O}(0; \{2, 3^2, 9, 12, 18, 36\})$	288
36	$\mathcal{O}(0; \{2^2, 6, 9, 12, 18, 36\})$	144
36	$\mathcal{O}(0; \{9, 12^3, 18, 36\})$	1152
36	$\mathcal{O}(0; \{9^2, 12, 18^2, 36\})$	3240
36	$\mathcal{O}(0; \{2^2, 4, 18^3, 36\})$	324
36	$\mathcal{O}(0; \{6, 12, 18^3, 36\})$	1296
36	$\mathcal{O}(0; \{2, 3^2, 9^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{2^2, 6, 9^2, 36^2\})$	648
36	$\mathcal{O}(0; \{9^2, 12^2, 36^2\})$	5184
36	$\mathcal{O}(0; \{2^4, 3, 18, 36^2\})$	72
36	$\mathcal{O}(0; \{3^4, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{2, 3, 4^2, 18, 36^2\})$	288
36	$\mathcal{O}(0; \{2, 3^2, 6, 18, 36^2\})$	288
36	$\mathcal{O}(0; \{2^2, 6^2, 18, 36^2\})$	144
36	$\mathcal{O}(0; \{9^3, 18, 36^2\})$	10692
36	$\mathcal{O}(0; \{2^2, 4, 12, 18, 36^2\})$	288
36	$\mathcal{O}(0; \{6, 12^2, 18, 36^2\})$	1152
36	$\mathcal{O}(0; \{6, 9, 18^2, 36^2\})$	3240
36	$\mathcal{O}(0; \{2^2, 4, 9, 36^3\})$	1296
36	$\mathcal{O}(0; \{6, 9, 12, 36^3\})$	5184
36	$\mathcal{O}(0; \{4, 18^2, 36^3\})$	6480
36	$\mathcal{O}(0; \{2^2, 3, 36^4\})$	2592

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{6^2, 36^4\})$	5184
36	$\mathcal{O}(0; \{4, 12, 36^4\})$	10368
38	$\mathcal{O}(1; \{2, 19^2, 38\})$	441864
38	$\mathcal{O}(0; \{2^5, 19^2, 38\})$	306
38	$\mathcal{O}(0; \{2^3, 19, 38^3\})$	5526
38	$\mathcal{O}(0; \{2, 38^5\})$	99450
39	$\mathcal{O}(1; \{3^2, 39^2\})$	109512
39	$\mathcal{O}(0; \{3^5, 39^2\})$	504
40	$\mathcal{O}(1; \{5^4\})$	62400
40	$\mathcal{O}(1; \{2^3, 5, 10\})$	4800
40	$\mathcal{O}(1; \{4^2, 5, 10\})$	9600
40	$\mathcal{O}(1; \{2, 10^3\})$	14400
40	$\mathcal{O}(1; \{2, 5, 20^2\})$	28800
40	$\mathcal{O}(1; \{2, 4, 40^2\})$	51200
40	$\mathcal{O}(0; \{2^2, 4, 5, 8^2, 10\})$	32
40	$\mathcal{O}(0; \{5, 8^4, 10\})$	256
40	$\mathcal{O}(0; \{4, 8^2, 10^3\})$	96
40	$\mathcal{O}(0; \{5^2, 8^2, 10, 20\})$	416
40	$\mathcal{O}(0; \{4, 5, 8^2, 20^2\})$	384
40	$\mathcal{O}(0; \{2^2, 4, 5^2, 8, 40\})$	96
40	$\mathcal{O}(0; \{5^2, 8^3, 40\})$	768
40	$\mathcal{O}(0; \{4, 5, 8, 10^2, 40\})$	416
40	$\mathcal{O}(0; \{5^3, 8, 20, 40\})$	1632
40	$\mathcal{O}(0; \{2^3, 8, 10, 20, 40\})$	96
40	$\mathcal{O}(0; \{4^2, 8, 10, 20, 40\})$	384
40	$\mathcal{O}(0; \{2, 8, 20^3, 40\})$	1664
40	$\mathcal{O}(0; \{2^5, 4, 40^2\})$	32
40	$\mathcal{O}(0; \{2^2, 4^3, 40^2\})$	128
40	$\mathcal{O}(0; \{2^3, 8^2, 40^2\})$	256
40	$\mathcal{O}(0; \{4^2, 8^2, 40^2\})$	1024
40	$\mathcal{O}(0; \{4, 5^2, 10, 40^2\})$	1632
40	$\mathcal{O}(0; \{2^3, 5, 20, 40^2\})$	416
40	$\mathcal{O}(0; \{4^2, 5, 20, 40^2\})$	1664
40	$\mathcal{O}(0; \{2, 10^2, 20, 40^2\})$	1632
40	$\mathcal{O}(0; \{2, 8, 10, 40^3\})$	3328
40	$\mathcal{O}(0; \{2, 5, 40^4\})$	13056
42	$\mathcal{O}(1; \{3^2, 7^2\})$	15876
42	$\mathcal{O}(1; \{2, 3, 14, 21\})$	21168
42	$\mathcal{O}(0; \{2^4, 3^2, 7^2\})$	12
42	$\mathcal{O}(0; \{2, 3^3, 6, 7^2\})$	36
42	$\mathcal{O}(0; \{2^2, 3, 6^2, 7^2\})$	12
42	$\mathcal{O}(0; \{6^4, 7^2\})$	36
42	$\mathcal{O}(0; \{2^2, 3^2, 7, 14^2\})$	60

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{3, 6^2, 7, 14^2\})$	60
42	$\mathcal{O}(0; \{3^2, 14^4\})$	372
42	$\mathcal{O}(0; \{2^5, 3, 14, 21\})$	12
42	$\mathcal{O}(0; \{2, 3^4, 14, 21\})$	60
42	$\mathcal{O}(0; \{2^2, 3^2, 6, 14, 21\})$	36
42	$\mathcal{O}(0; \{2^3, 6^2, 14, 21\})$	12
42	$\mathcal{O}(0; \{3, 6^3, 14, 21\})$	60
42	$\mathcal{O}(0; \{2, 7^2, 14, 21^2\})$	2220
42	$\mathcal{O}(0; \{2, 6, 7, 21^3\})$	1116
42	$\mathcal{O}(0; \{3, 6, 7^3, 42\})$	372
42	$\mathcal{O}(0; \{3^2, 7, 14, 21, 42\})$	1116
42	$\mathcal{O}(0; \{2, 6, 7, 14, 21, 42\})$	372
42	$\mathcal{O}(0; \{2^3, 3, 21^2, 42\})$	180
42	$\mathcal{O}(0; \{3^2, 6, 21^2, 42\})$	660
42	$\mathcal{O}(0; \{2, 6^2, 21^2, 42\})$	300
42	$\mathcal{O}(0; \{2^3, 3, 14, 42^2\})$	60
42	$\mathcal{O}(0; \{3^2, 6, 14, 42^2\})$	300
42	$\mathcal{O}(0; \{2, 6^2, 14, 42^2\})$	180
42	$\mathcal{O}(0; \{2, 3, 21, 42^3\})$	1860
44	$\mathcal{O}(1; \{2^2, 22^2\})$	14520
44	$\mathcal{O}(1; \{22, 44^2\})$	348480
44	$\mathcal{O}(0; \{2^3, 4^2, 22^2\})$	20
44	$\mathcal{O}(0; \{4^4, 22^2\})$	80
44	$\mathcal{O}(0; \{2^4, 22, 44^2\})$	180
44	$\mathcal{O}(0; \{2, 4^2, 22, 44^2\})$	720
44	$\mathcal{O}(0; \{2^2, 44^4\})$	7280
45	$\mathcal{O}(1; \{9, 45^2\})$	145800
45	$\mathcal{O}(0; \{3, 5^3, 9^2\})$	144
45	$\mathcal{O}(0; \{3^2, 5, 9^2, 15\})$	192
45	$\mathcal{O}(0; \{3^3, 9, 45^2\})$	576
45	$\mathcal{O}(0; \{15, 45^4\})$	66096
48	$\mathcal{O}(1; \{3^4\})$	10368
48	$\mathcal{O}(1; \{2, 3^2, 6\})$	3456
48	$\mathcal{O}(1; \{2^2, 6^2\})$	3456
48	$\mathcal{O}(1; \{6, 12^2\})$	6912
48	$\mathcal{O}(1; \{6, 8, 24\})$	13824
48	$\mathcal{O}(1; \{4, 24^2\})$	27648
48	$\mathcal{O}(0; \{2, 3^2, 16^2, 24\})$	64
48	$\mathcal{O}(0; \{2^2, 6, 16^2, 24\})$	64
48	$\mathcal{O}(0; \{12^2, 16^2, 24\})$	256
48	$\mathcal{O}(0; \{8, 16^2, 24^2\})$	1024
48	$\mathcal{O}(0; \{3^3, 4, 16, 48\})$	96
48	$\mathcal{O}(0; \{2, 3, 4, 6, 16, 48\})$	32

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{2, 3^2, 12, 16, 48\})$	96
48	$\mathcal{O}(0; \{2^2, 6, 12, 16, 48\})$	32
48	$\mathcal{O}(0; \{12^3, 16, 48\})$	384
48	$\mathcal{O}(0; \{8, 12, 16, 24, 48\})$	512
48	$\mathcal{O}(0; \{6, 16, 24^2, 48\})$	768
48	$\mathcal{O}(0; \{2, 3^2, 8, 48^2\})$	192
48	$\mathcal{O}(0; \{2^2, 6, 8, 48^2\})$	64
48	$\mathcal{O}(0; \{8, 12^2, 48^2\})$	768
48	$\mathcal{O}(0; \{6, 16^2, 48^2\})$	1024
48	$\mathcal{O}(0; \{2^2, 4, 24, 48^2\})$	128
48	$\mathcal{O}(0; \{8^2, 24, 48^2\})$	1024
48	$\mathcal{O}(0; \{6, 12, 24, 48^2\})$	640
48	$\mathcal{O}(0; \{4, 48^4\})$	6144
50	$\mathcal{O}(0; \{2^2, 5^2, 50^2\})$	320
50	$\mathcal{O}(0; \{5, 10^2, 50^2\})$	1280
51	$\mathcal{O}(0; \{3, 17^2, 51^2\})$	7712
52	$\mathcal{O}(1; \{2, 52^2\})$	64896
52	$\mathcal{O}(0; \{2^5, 52^2\})$	24
52	$\mathcal{O}(0; \{2^2, 4^2, 52^2\})$	96
54	$\mathcal{O}(0; \{2^3, 18, 27^2\})$	108
54	$\mathcal{O}(0; \{3, 6, 18, 27^2\})$	432
54	$\mathcal{O}(0; \{2, 27^3, 54\})$	4374
54	$\mathcal{O}(0; \{2, 18, 27, 54^2\})$	972
55	$\mathcal{O}(0; \{5^2, 11^3\})$	360
56	$\mathcal{O}(1; \{2, 7, 14\})$	14112
56	$\mathcal{O}(0; \{4, 7, 8^2, 14\})$	48
56	$\mathcal{O}(0; \{2^3, 8, 14, 56\})$	24
56	$\mathcal{O}(0; \{4^2, 8, 14, 56\})$	96
56	$\mathcal{O}(0; \{2, 8, 28^2, 56\})$	480
56	$\mathcal{O}(0; \{2, 7, 28, 56^2\})$	1488
57	$\mathcal{O}(0; \{3^2, 19, 57^2\})$	1836
60	$\mathcal{O}(0; \{3, 4, 10^2, 12\})$	16
60	$\mathcal{O}(0; \{2, 10^2, 12^2\})$	16
60	$\mathcal{O}(0; \{3, 5^2, 12, 20\})$	48
60	$\mathcal{O}(0; \{3, 4, 6, 15, 20\})$	16
60	$\mathcal{O}(0; \{3^2, 12, 15, 20\})$	48
60	$\mathcal{O}(0; \{2, 6, 12, 15, 20\})$	16
60	$\mathcal{O}(0; \{3^2, 10, 20^2\})$	48
60	$\mathcal{O}(0; \{3, 4, 5, 20, 30\})$	48
60	$\mathcal{O}(0; \{2, 5, 12, 20, 30\})$	48
60	$\mathcal{O}(0; \{2, 4, 20, 30^2\})$	48
60	$\mathcal{O}(0; \{3, 4, 6, 10, 60\})$	16
60	$\mathcal{O}(0; \{3^2, 10, 12, 60\})$	48

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{2, 6, 10, 12, 60\})$	16
60	$\mathcal{O}(0; \{3, 4, 5, 15, 60\})$	48
60	$\mathcal{O}(0; \{2, 5, 12, 15, 60\})$	48
60	$\mathcal{O}(0; \{2, 4, 15, 30, 60\})$	48
60	$\mathcal{O}(0; \{2^3, 3, 60^2\})$	16
60	$\mathcal{O}(0; \{3, 4^2, 60^2\})$	64
60	$\mathcal{O}(0; \{3^2, 6, 60^2\})$	80
60	$\mathcal{O}(0; \{2, 6^2, 60^2\})$	48
60	$\mathcal{O}(0; \{2, 4, 12, 60^2\})$	64
64	$\mathcal{O}(2; \emptyset)$	15728640
64	$\mathcal{O}(1; \{2^4\})$	3072
64	$\mathcal{O}(1; \{2, 4^2\})$	6144
65	$\mathcal{O}(1; \{65^2\})$	202800
66	$\mathcal{O}(1; \{33^2\})$	65340
66	$\mathcal{O}(0; \{2^4, 33^2\})$	20
66	$\mathcal{O}(0; \{2, 3, 6, 33^2\})$	60
66	$\mathcal{O}(0; \{3^3, 22, 66\})$	60
66	$\mathcal{O}(0; \{2, 3, 6, 22, 66\})$	20
66	$\mathcal{O}(0; \{2^2, 33, 66^2\})$	180
66	$\mathcal{O}(0; \{66^4\})$	5460
68	$\mathcal{O}(1; \{17^2\})$	55488
68	$\mathcal{O}(0; \{2, 4^2, 17^2\})$	32
68	$\mathcal{O}(0; \{17, 34, 68^2\})$	7712
70	$\mathcal{O}(0; \{10, 35^2, 70\})$	1560
70	$\mathcal{O}(0; \{2^2, 7, 70^2\})$	120
70	$\mathcal{O}(0; \{14^2, 70^2\})$	744
72	$\mathcal{O}(1; \{9^2\})$	23328
72	$\mathcal{O}(0; \{9, 24^2, 36\})$	192
72	$\mathcal{O}(0; \{8, 24, 36^2\})$	192
72	$\mathcal{O}(0; \{9, 18, 24, 72\})$	144
72	$\mathcal{O}(0; \{8, 18, 36, 72\})$	144
72	$\mathcal{O}(0; \{9, 12, 72^2\})$	288
72	$\mathcal{O}(0; \{6, 36, 72^2\})$	288
75	$\mathcal{O}(0; \{5, 15, 75^2\})$	640
76	$\mathcal{O}(0; \{2^2, 4, 19, 76\})$	36
76	$\mathcal{O}(0; \{4, 38^2, 76\})$	612
77	$\mathcal{O}(0; \{7, 11^2, 77\})$	540
78	$\mathcal{O}(0; \{2^2, 3, 78^2\})$	24
78	$\mathcal{O}(0; \{6^2, 78^2\})$	72
80	$\mathcal{O}(1; \{5^2\})$	19200
80	$\mathcal{O}(0; \{5, 8, 16, 80\})$	128
80	$\mathcal{O}(0; \{4, 8, 80^2\})$	256
84	$\mathcal{O}(0; \{4, 6, 28, 42\})$	24

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
84	$\mathcal{O}(0; \{3, 12, 28, 42\})$	24
84	$\mathcal{O}(0; \{4, 6, 21, 84\})$	24
84	$\mathcal{O}(0; \{3, 12, 21, 84\})$	72
88	$\mathcal{O}(0; \{2, 44, 88^2\})$	720
90	$\mathcal{O}(0; \{2, 30, 45^2\})$	144
90	$\mathcal{O}(0; \{2, 18, 90^2\})$	72
96	$\mathcal{O}(1; \{3^2\})$	13824
100	$\mathcal{O}(0; \{2, 5, 100^2\})$	160
102	$\mathcal{O}(0; \{2, 6, 17, 51\})$	32
104	$\mathcal{O}(0; \{2, 4, 104^2\})$	96
114	$\mathcal{O}(0; \{2, 3, 38, 57\})$	36
128	$\mathcal{O}(1; \{2^2\})$	12288
130	$\mathcal{O}(0; \{2^2, 130^2\})$	48
131	$\mathcal{O}(0; \{131^3\})$	16770
132	$\mathcal{O}(0; \{66, 132^2\})$	360
135	$\mathcal{O}(0; \{27, 135^2\})$	648
140	$\mathcal{O}(0; \{20, 35, 140\})$	144
140	$\mathcal{O}(0; \{14, 140^2\})$	240
143	$\mathcal{O}(0; \{11, 143^2\})$	1080
152	$\mathcal{O}(0; \{8, 38, 152\})$	72
154	$\mathcal{O}(0; \{11, 14, 154\})$	60
156	$\mathcal{O}(0; \{6, 156^2\})$	48
195	$\mathcal{O}(0; \{3, 195^2\})$	96
260	$\mathcal{O}(0; \{2, 260^2\})$	96
262	$\mathcal{O}(0; \{2, 131, 262\})$	130

Table 6: 66-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(66; \emptyset)$	1
2	$\mathcal{O}(33; \{2^2\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^6\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{10}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{14}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{18}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{22}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{26}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{30}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{34}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{38}\})$	281474976710656

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(23; \{2^{42}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{46}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{50}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{54}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{58}\})$	274877906944
2	$\mathcal{O}(18; \{2^{62}\})$	68719476736
2	$\mathcal{O}(17; \{2^{66}\})$	17179869184
2	$\mathcal{O}(16; \{2^{70}\})$	4294967296
2	$\mathcal{O}(15; \{2^{74}\})$	1073741824
2	$\mathcal{O}(14; \{2^{78}\})$	268435456
2	$\mathcal{O}(13; \{2^{82}\})$	67108864
2	$\mathcal{O}(12; \{2^{86}\})$	16777216
2	$\mathcal{O}(11; \{2^{90}\})$	4194304
2	$\mathcal{O}(10; \{2^{94}\})$	1048576
2	$\mathcal{O}(9; \{2^{98}\})$	262144
2	$\mathcal{O}(8; \{2^{102}\})$	65536
2	$\mathcal{O}(7; \{2^{106}\})$	16384
2	$\mathcal{O}(6; \{2^{110}\})$	4096
2	$\mathcal{O}(5; \{2^{114}\})$	1024
2	$\mathcal{O}(4; \{2^{118}\})$	256
2	$\mathcal{O}(3; \{2^{122}\})$	64
2	$\mathcal{O}(2; \{2^{126}\})$	16
2	$\mathcal{O}(1; \{2^{130}\})$	4
2	$\mathcal{O}(0; \{2^{134}\})$	1
3	$\mathcal{O}(22; \{3^2\})$	1969541804367222465762
3	$\mathcal{O}(21; \{3^5\})$	1094189891315123592090
3	$\mathcal{O}(20; \{3^8\})$	1045559229478895876886
3	$\mathcal{O}(19; \{3^{11}\})$	921280871452980604698
3	$\mathcal{O}(18; \{3^{14}\})$	819816897992209198902
3	$\mathcal{O}(17; \{3^{17}\})$	728626068458432399610
3	$\mathcal{O}(16; \{3^{20}\})$	647678734528628577366
3	$\mathcal{O}(15; \{3^{23}\})$	575713195345321723098
3	$\mathcal{O}(14; \{3^{26}\})$	511745199789929594742
3	$\mathcal{O}(13; \{3^{29}\})$	454884606784298003130
3	$\mathcal{O}(12; \{3^{32}\})$	404341874391730999446
3	$\mathcal{O}(11; \{3^{35}\})$	359414999271030086298
3	$\mathcal{O}(10; \{3^{38}\})$	319479999372947449782
3	$\mathcal{O}(9; \{3^{41}\})$	283982221662517654650
3	$\mathcal{O}(8; \{3^{44}\})$	252428641478051751126
3	$\mathcal{O}(7; \{3^{47}\})$	224381014647128414298
3	$\mathcal{O}(6; \{3^{50}\})$	199449790797450668022
3	$\mathcal{O}(5; \{3^{53}\})$	177288702931066906170
3	$\mathcal{O}(4; \{3^{56}\})$	157589958160948400406

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(3; \{3^{59}\})$	140079962809731907098
3	$\mathcal{O}(2; \{3^{62}\})$	124515522497539473462
3	$\mathcal{O}(1; \{3^{65}\})$	110680464442257309690
3	$\mathcal{O}(0; \{3^{68}\})$	98382635059784275286
4	$\mathcal{O}(16; \{2^2, 4^2\})$	36893488147419103232
4	$\mathcal{O}(15; \{2^6, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2^3, 4^4\})$	9223372036854775808
4	$\mathcal{O}(15; \{4^6\})$	36893488147419103232
4	$\mathcal{O}(14; \{2^{10}, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^7, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^4, 4^6\})$	2305843009213693952
4	$\mathcal{O}(14; \{2, 4^8\})$	9223372036854775808
4	$\mathcal{O}(13; \{2^{14}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^{11}, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^8, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^5, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{2^2, 4^{10}\})$	2305843009213693952
4	$\mathcal{O}(12; \{2^{18}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{15}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{12}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^9, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^6, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2^3, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(12; \{4^{14}\})$	2305843009213693952
4	$\mathcal{O}(11; \{2^{22}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{19}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{16}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{13}, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^{10}, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^7, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(11; \{2^4, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(11; \{2, 4^{16}\})$	576460752303423488
4	$\mathcal{O}(10; \{2^{26}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{23}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{20}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{17}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^{14}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^{11}, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^8, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^5, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(10; \{2^2, 4^{18}\})$	144115188075855872
4	$\mathcal{O}(9; \{2^{30}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{27}, 4^4\})$	549755813888

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(9; \{2^{24}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{21}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{18}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{15}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^{12}, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^9, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^6, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(9; \{2^3, 4^{20}\})$	36028797018963968
4	$\mathcal{O}(9; \{4^{22}\})$	144115188075855872
4	$\mathcal{O}(8; \{2^{34}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{31}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{28}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{25}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{22}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{19}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{16}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^{13}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^{10}, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^7, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^4, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(8; \{2, 4^{24}\})$	36028797018963968
4	$\mathcal{O}(7; \{2^{38}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{35}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{32}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{29}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{26}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{23}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{20}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{17}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{14}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^{11}, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^8, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^5, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(7; \{2^2, 4^{26}\})$	9007199254740992
4	$\mathcal{O}(6; \{2^{42}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{39}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{36}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{33}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{30}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{27}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{24}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{21}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{18}, 4^{18}\})$	2199023255552

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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	$\mathcal{O}(6; \{2^{15}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{12}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^9, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^6, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2^3, 4^{28}\})$	2251799813685248
4	$\mathcal{O}(6; \{4^{30}\})$	9007199254740992
4	$\mathcal{O}(5; \{2^{46}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{43}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{40}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{37}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{34}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{31}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{28}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{25}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{22}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{19}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{16}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{13}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^{10}, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^7, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2^4, 4^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{2, 4^{32}\})$	2251799813685248
4	$\mathcal{O}(4; \{2^{50}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{47}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{44}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{41}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{38}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{35}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{32}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{29}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{26}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{23}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{20}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{17}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{14}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^{11}, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^8, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^5, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{2^2, 4^{34}\})$	562949953421312
4	$\mathcal{O}(3; \{2^{54}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{51}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{48}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{45}, 4^8\})$	524288

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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	$\mathcal{O}(3; \{2^{42}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{39}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{36}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{33}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{30}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{27}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{24}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{21}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{18}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{15}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{12}, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^9, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^6, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{2^3, 4^{36}\})$	140737488355328
4	$\mathcal{O}(3; \{4^{38}\})$	562949953421312
4	$\mathcal{O}(2; \{2^{58}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{55}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{52}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{49}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{46}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{43}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{40}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{37}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{34}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{31}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{28}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{25}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{22}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{19}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{16}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{13}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^{10}, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^7, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^4, 4^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{2, 4^{40}\})$	140737488355328
4	$\mathcal{O}(1; \{2^{62}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{59}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{56}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{53}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{50}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{47}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{44}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{41}, 4^{16}\})$	524288

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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	$\mathcal{O}(1; \{2^{38}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{35}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{32}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{29}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{26}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{23}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{20}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{17}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{14}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^{11}, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^8, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^5, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{2^2, 4^{42}\})$	35184372088832
4	$\mathcal{O}(0; \{2^{66}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{63}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{60}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{57}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{54}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{51}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{48}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{45}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{42}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{39}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{36}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{33}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{30}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{27}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{24}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{21}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{18}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{15}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{12}, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^9, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^6, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2^3, 4^{44}\})$	8796093022208
4	$\mathcal{O}(0; \{4^{46}\})$	35184372088832
5	$\mathcal{O}(14; \emptyset)$	37252902984619140624
5	$\mathcal{O}(12; \{5^5\})$	12159347534179687500
5	$\mathcal{O}(10; \{5^{10}\})$	20000076293945312500
5	$\mathcal{O}(8; \{5^{15}\})$	32767999877929687500
5	$\mathcal{O}(6; \{5^{20}\})$	53687091200195312500
5	$\mathcal{O}(4; \{5^{25}\})$	87960930222079687500
5	$\mathcal{O}(2; \{5^{30}\})$	144115188075855872500

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
5	$\mathcal{O}(0; \{5^{35}\})$	236118324143482260684
6	$\mathcal{O}(11; \{6^2\})$	263243407684534272
6	$\mathcal{O}(10; \{2^2, 3^4\})$	21936950640377856
6	$\mathcal{O}(10; \{2^3, 3^2, 6\})$	7312316880125952
6	$\mathcal{O}(10; \{2^4, 6^2\})$	7312316880125952
6	$\mathcal{O}(10; \{3^3, 6^2\})$	36561584400629760
6	$\mathcal{O}(10; \{2, 3, 6^3\})$	21936950640377856
6	$\mathcal{O}(9; \{2^6, 3^4\})$	609359740010496
6	$\mathcal{O}(9; \{2^2, 3^7\})$	4265518180073472
6	$\mathcal{O}(9; \{2^7, 3^2, 6\})$	203119913336832
6	$\mathcal{O}(9; \{2^3, 3^5, 6\})$	2234319046705152
6	$\mathcal{O}(9; \{2^8, 6^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^4, 3^3, 6^2\})$	1015599566684160
6	$\mathcal{O}(9; \{3^6, 6^2\})$	8734156273483776
6	$\mathcal{O}(9; \{2^5, 3, 6^3\})$	609359740010496
6	$\mathcal{O}(9; \{2, 3^4, 6^3\})$	4265518180073472
6	$\mathcal{O}(9; \{2^2, 3^2, 6^4\})$	2234319046705152
6	$\mathcal{O}(9; \{2^3, 6^5\})$	1015599566684160
6	$\mathcal{O}(9; \{3, 6^6\})$	4265518180073472
6	$\mathcal{O}(8; \{2^{10}, 3^4\})$	16926659444736
6	$\mathcal{O}(8; \{2^6, 3^7\})$	118486616113152
6	$\mathcal{O}(8; \{2^2, 3^{10}\})$	964819588349952
6	$\mathcal{O}(8; \{2^{11}, 3^2, 6\})$	5642219814912
6	$\mathcal{O}(8; \{2^7, 3^5, 6\})$	62064417964032
6	$\mathcal{O}(8; \{2^3, 3^8, 6\})$	479588684267520
6	$\mathcal{O}(8; \{2^{12}, 6^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^8, 3^3, 6^2\})$	28211099074560
6	$\mathcal{O}(8; \{2^4, 3^6, 6^2\})$	242615452041216
6	$\mathcal{O}(8; \{3^9, 6^2\})$	1923996956884992
6	$\mathcal{O}(8; \{2^9, 3, 6^3\})$	16926659444736
6	$\mathcal{O}(8; \{2^5, 3^4, 6^3\})$	118486616113152
6	$\mathcal{O}(8; \{2, 3^7, 6^3\})$	964819588349952
6	$\mathcal{O}(8; \{2^6, 3^2, 6^4\})$	62064417964032
6	$\mathcal{O}(8; \{2^2, 3^5, 6^4\})$	479588684267520
6	$\mathcal{O}(8; \{2^7, 6^5\})$	28211099074560
6	$\mathcal{O}(8; \{2^3, 3^3, 6^5\})$	242615452041216
6	$\mathcal{O}(8; \{2^4, 3, 6^6\})$	118486616113152
6	$\mathcal{O}(8; \{3^4, 6^6\})$	964819588349952
6	$\mathcal{O}(8; \{2, 3^2, 6^7\})$	479588684267520
6	$\mathcal{O}(8; \{2^2, 6^8\})$	242615452041216
6	$\mathcal{O}(7; \{2^{14}, 3^4\})$	470184984576
6	$\mathcal{O}(7; \{2^{10}, 3^7\})$	3291294892032
6	$\mathcal{O}(7; \{2^6, 3^{10}\})$	26800544120832

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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	$\mathcal{O}(7; \{2^2, 3^{13}\})$	213934167982080
6	$\mathcal{O}(7; \{2^{15}, 3^2, 6\})$	156728328192
6	$\mathcal{O}(7; \{2^{11}, 3^5, 6\})$	1724011610112
6	$\mathcal{O}(7; \{2^7, 3^8, 6\})$	13321907896320
6	$\mathcal{O}(7; \{2^3, 3^{11}, 6\})$	107045448155136
6	$\mathcal{O}(7; \{2^{16}, 6^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{12}, 3^3, 6^2\})$	783641640960
6	$\mathcal{O}(7; \{2^8, 3^6, 6^2\})$	6739318112256
6	$\mathcal{O}(7; \{2^4, 3^9, 6^2\})$	53444359913472
6	$\mathcal{O}(7; \{3^{12}, 6^2\})$	428025064292352
6	$\mathcal{O}(7; \{2^{13}, 3, 6^3\})$	470184984576
6	$\mathcal{O}(7; \{2^9, 3^4, 6^3\})$	3291294892032
6	$\mathcal{O}(7; \{2^5, 3^7, 6^3\})$	26800544120832
6	$\mathcal{O}(7; \{2, 3^{10}, 6^3\})$	213934167982080
6	$\mathcal{O}(7; \{2^{10}, 3^2, 6^4\})$	1724011610112
6	$\mathcal{O}(7; \{2^6, 3^5, 6^4\})$	13321907896320
6	$\mathcal{O}(7; \{2^2, 3^8, 6^4\})$	107045448155136
6	$\mathcal{O}(7; \{2^{11}, 6^5\})$	783641640960
6	$\mathcal{O}(7; \{2^7, 3^3, 6^5\})$	6739318112256
6	$\mathcal{O}(7; \{2^3, 3^6, 6^5\})$	53444359913472
6	$\mathcal{O}(7; \{2^8, 3, 6^6\})$	3291294892032
6	$\mathcal{O}(7; \{2^4, 3^4, 6^6\})$	26800544120832
6	$\mathcal{O}(7; \{3^7, 6^6\})$	213934167982080
6	$\mathcal{O}(7; \{2^5, 3^2, 6^7\})$	13321907896320
6	$\mathcal{O}(7; \{2, 3^5, 6^7\})$	107045448155136
6	$\mathcal{O}(7; \{2^6, 6^8\})$	6739318112256
6	$\mathcal{O}(7; \{2^2, 3^3, 6^8\})$	53444359913472
6	$\mathcal{O}(7; \{2^3, 3, 6^9\})$	26800544120832
6	$\mathcal{O}(7; \{3^2, 6^{10}\})$	107045448155136
6	$\mathcal{O}(7; \{2, 6^{11}\})$	53444359913472
6	$\mathcal{O}(6; \{2^{18}, 3^4\})$	13060694016
6	$\mathcal{O}(6; \{2^{14}, 3^7\})$	91424858112
6	$\mathcal{O}(6; \{2^{10}, 3^{10}\})$	744459558912
6	$\mathcal{O}(6; \{2^6, 3^{13}\})$	5942615777280
6	$\mathcal{O}(6; \{2^2, 3^{16}\})$	47553986912256
6	$\mathcal{O}(6; \{2^{19}, 3^2, 6\})$	4353564672
6	$\mathcal{O}(6; \{2^{15}, 3^5, 6\})$	47889211392
6	$\mathcal{O}(6; \{2^{11}, 3^8, 6\})$	370052997120
6	$\mathcal{O}(6; \{2^7, 3^{11}, 6\})$	2973484670976
6	$\mathcal{O}(6; \{2^3, 3^{14}, 6\})$	23774816673792
6	$\mathcal{O}(6; \{2^{20}, 6^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{16}, 3^3, 6^2\})$	21767823360
6	$\mathcal{O}(6; \{2^{12}, 3^6, 6^2\})$	187203280896

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{2^8, 3^9, 6^2\})$	1484565553152
6	$\mathcal{O}(6; \{2^4, 3^{12}, 6^2\})$	11889585119232
6	$\mathcal{O}(6; \{3^{15}, 6^2\})$	95103620259840
6	$\mathcal{O}(6; \{2^{17}, 3, 6^3\})$	13060694016
6	$\mathcal{O}(6; \{2^{13}, 3^4, 6^3\})$	91424858112
6	$\mathcal{O}(6; \{2^9, 3^7, 6^3\})$	744459558912
6	$\mathcal{O}(6; \{2^5, 3^{10}, 6^3\})$	5942615777280
6	$\mathcal{O}(6; \{2, 3^{13}, 6^3\})$	47553986912256
6	$\mathcal{O}(6; \{2^{14}, 3^2, 6^4\})$	47889211392
6	$\mathcal{O}(6; \{2^{10}, 3^5, 6^4\})$	370052997120
6	$\mathcal{O}(6; \{2^6, 3^8, 6^4\})$	2973484670976
6	$\mathcal{O}(6; \{2^2, 3^{11}, 6^4\})$	23774816673792
6	$\mathcal{O}(6; \{2^{15}, 6^5\})$	21767823360
6	$\mathcal{O}(6; \{2^{11}, 3^3, 6^5\})$	187203280896
6	$\mathcal{O}(6; \{2^7, 3^6, 6^5\})$	1484565553152
6	$\mathcal{O}(6; \{2^3, 3^9, 6^5\})$	11889585119232
6	$\mathcal{O}(6; \{2^{12}, 3, 6^6\})$	91424858112
6	$\mathcal{O}(6; \{2^8, 3^4, 6^6\})$	744459558912
6	$\mathcal{O}(6; \{2^4, 3^7, 6^6\})$	5942615777280
6	$\mathcal{O}(6; \{3^{10}, 6^6\})$	47553986912256
6	$\mathcal{O}(6; \{2^9, 3^2, 6^7\})$	370052997120
6	$\mathcal{O}(6; \{2^5, 3^5, 6^7\})$	2973484670976
6	$\mathcal{O}(6; \{2, 3^8, 6^7\})$	23774816673792
6	$\mathcal{O}(6; \{2^{10}, 6^8\})$	187203280896
6	$\mathcal{O}(6; \{2^6, 3^3, 6^8\})$	1484565553152
6	$\mathcal{O}(6; \{2^2, 3^6, 6^8\})$	11889585119232
6	$\mathcal{O}(6; \{2^7, 3, 6^9\})$	744459558912
6	$\mathcal{O}(6; \{2^3, 3^4, 6^9\})$	5942615777280
6	$\mathcal{O}(6; \{2^4, 3^2, 6^{10}\})$	2973484670976
6	$\mathcal{O}(6; \{3^5, 6^{10}\})$	23774816673792
6	$\mathcal{O}(6; \{2^5, 6^{11}\})$	1484565553152
6	$\mathcal{O}(6; \{2, 3^3, 6^{11}\})$	11889585119232
6	$\mathcal{O}(6; \{2^2, 3, 6^{12}\})$	5942615777280
6	$\mathcal{O}(6; \{6^{14}\})$	11889585119232
6	$\mathcal{O}(5; \{2^{22}, 3^4\})$	362797056
6	$\mathcal{O}(5; \{2^{18}, 3^7\})$	2539579392
6	$\mathcal{O}(5; \{2^{14}, 3^{10}\})$	20679432192
6	$\mathcal{O}(5; \{2^{10}, 3^{13}\})$	165072660480
6	$\mathcal{O}(5; \{2^6, 3^{16}\})$	1320944080896
6	$\mathcal{O}(5; \{2^2, 3^{19}\})$	10567189850112
6	$\mathcal{O}(5; \{2^{23}, 3^2, 6\})$	120932352
6	$\mathcal{O}(5; \{2^{19}, 3^5, 6\})$	1330255872
6	$\mathcal{O}(5; \{2^{15}, 3^8, 6\})$	10279249920

Continued on next page

Table 6 – continued from previous page

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

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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	$\mathcal{O}(5; \{2^4, 3^5, 6^{10}\})$	660411574272
6	$\mathcal{O}(5; \{3^8, 6^{10}\})$	5283655391232
6	$\mathcal{O}(5; \{2^9, 6^{11}\})$	41237932032
6	$\mathcal{O}(5; \{2^5, 3^3, 6^{11}\})$	330266253312
6	$\mathcal{O}(5; \{2, 3^6, 6^{11}\})$	2641767229440
6	$\mathcal{O}(5; \{2^6, 3, 6^{12}\})$	165072660480
6	$\mathcal{O}(5; \{2^2, 3^4, 6^{12}\})$	1320944080896
6	$\mathcal{O}(5; \{2^3, 3^2, 6^{13}\})$	660411574272
6	$\mathcal{O}(5; \{2^4, 6^{14}\})$	330266253312
6	$\mathcal{O}(5; \{3^3, 6^{14}\})$	2641767229440
6	$\mathcal{O}(5; \{2, 3, 6^{15}\})$	1320944080896
6	$\mathcal{O}(4; \{2^{26}, 3^4\})$	10077696
6	$\mathcal{O}(4; \{2^{22}, 3^7\})$	70543872
6	$\mathcal{O}(4; \{2^{18}, 3^{10}\})$	574428672
6	$\mathcal{O}(4; \{2^{14}, 3^{13}\})$	4585351680
6	$\mathcal{O}(4; \{2^{10}, 3^{16}\})$	36692891136
6	$\mathcal{O}(4; \{2^6, 3^{19}\})$	293533051392
6	$\mathcal{O}(4; \{2^2, 3^{22}\})$	2348274488832
6	$\mathcal{O}(4; \{2^{27}, 3^2, 6\})$	3359232
6	$\mathcal{O}(4; \{2^{23}, 3^5, 6\})$	36951552
6	$\mathcal{O}(4; \{2^{19}, 3^8, 6\})$	285534720
6	$\mathcal{O}(4; \{2^{15}, 3^{11}, 6\})$	229435456
6	$\mathcal{O}(4; \{2^{11}, 3^{14}, 6\})$	18344765952
6	$\mathcal{O}(4; \{2^7, 3^{17}, 6\})$	146768205312
6	$\mathcal{O}(4; \{2^3, 3^{20}, 6\})$	1174135564800
6	$\mathcal{O}(4; \{2^{28}, 6^2\})$	3359232
6	$\mathcal{O}(4; \{2^{24}, 3^3, 6^2\})$	16796160
6	$\mathcal{O}(4; \{2^{20}, 3^6, 6^2\})$	144446976
6	$\mathcal{O}(4; \{2^{16}, 3^9, 6^2\})$	1145498112
6	$\mathcal{O}(4; \{2^{12}, 3^{12}, 6^2\})$	9174062592
6	$\mathcal{O}(4; \{2^8, 3^{15}, 6^2\})$	73382423040
6	$\mathcal{O}(4; \{2^4, 3^{18}, 6^2\})$	587069462016
6	$\mathcal{O}(4; \{3^{21}, 6^2\})$	4696545618432
6	$\mathcal{O}(4; \{2^{25}, 3, 6^3\})$	10077696
6	$\mathcal{O}(4; \{2^{21}, 3^4, 6^3\})$	70543872
6	$\mathcal{O}(4; \{2^{17}, 3^7, 6^3\})$	574428672
6	$\mathcal{O}(4; \{2^{13}, 3^{10}, 6^3\})$	4585351680
6	$\mathcal{O}(4; \{2^9, 3^{13}, 6^3\})$	36692891136
6	$\mathcal{O}(4; \{2^5, 3^{16}, 6^3\})$	293533051392
6	$\mathcal{O}(4; \{2, 3^{19}, 6^3\})$	2348274488832
6	$\mathcal{O}(4; \{2^{22}, 3^2, 6^4\})$	36951552
6	$\mathcal{O}(4; \{2^{18}, 3^5, 6^4\})$	285534720
6	$\mathcal{O}(4; \{2^{14}, 3^8, 6^4\})$	229435456

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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	$\mathcal{O}(4; \{2^{10}, 3^{11}, 6^4\})$	18344765952
6	$\mathcal{O}(4; \{2^6, 3^{14}, 6^4\})$	146768205312
6	$\mathcal{O}(4; \{2^2, 3^{17}, 6^4\})$	1174135564800
6	$\mathcal{O}(4; \{2^{23}, 6^5\})$	16796160
6	$\mathcal{O}(4; \{2^{19}, 3^3, 6^5\})$	144446976
6	$\mathcal{O}(4; \{2^{15}, 3^6, 6^5\})$	1145498112
6	$\mathcal{O}(4; \{2^{11}, 3^9, 6^5\})$	9174062592
6	$\mathcal{O}(4; \{2^7, 3^{12}, 6^5\})$	73382423040
6	$\mathcal{O}(4; \{2^3, 3^{15}, 6^5\})$	587069462016
6	$\mathcal{O}(4; \{2^{20}, 3, 6^6\})$	70543872
6	$\mathcal{O}(4; \{2^{16}, 3^4, 6^6\})$	574428672
6	$\mathcal{O}(4; \{2^{12}, 3^7, 6^6\})$	4585351680
6	$\mathcal{O}(4; \{2^8, 3^{10}, 6^6\})$	36692891136
6	$\mathcal{O}(4; \{2^4, 3^{13}, 6^6\})$	293533051392
6	$\mathcal{O}(4; \{3^{16}, 6^6\})$	2348274488832
6	$\mathcal{O}(4; \{2^{17}, 3^2, 6^7\})$	285534720
6	$\mathcal{O}(4; \{2^{13}, 3^5, 6^7\})$	2294355456
6	$\mathcal{O}(4; \{2^9, 3^8, 6^7\})$	18344765952
6	$\mathcal{O}(4; \{2^5, 3^{11}, 6^7\})$	146768205312
6	$\mathcal{O}(4; \{2, 3^{14}, 6^7\})$	1174135564800
6	$\mathcal{O}(4; \{2^{18}, 6^8\})$	144446976
6	$\mathcal{O}(4; \{2^{14}, 3^3, 6^8\})$	1145498112
6	$\mathcal{O}(4; \{2^{10}, 3^6, 6^8\})$	9174062592
6	$\mathcal{O}(4; \{2^6, 3^9, 6^8\})$	73382423040
6	$\mathcal{O}(4; \{2^2, 3^{12}, 6^8\})$	587069462016
6	$\mathcal{O}(4; \{2^{15}, 3, 6^9\})$	574428672
6	$\mathcal{O}(4; \{2^{11}, 3^4, 6^9\})$	4585351680
6	$\mathcal{O}(4; \{2^7, 3^7, 6^9\})$	36692891136
6	$\mathcal{O}(4; \{2^3, 3^{10}, 6^9\})$	293533051392
6	$\mathcal{O}(4; \{2^{12}, 3^2, 6^{10}\})$	2294355456
6	$\mathcal{O}(4; \{2^8, 3^5, 6^{10}\})$	18344765952
6	$\mathcal{O}(4; \{2^4, 3^8, 6^{10}\})$	146768205312
6	$\mathcal{O}(4; \{3^{11}, 6^{10}\})$	1174135564800
6	$\mathcal{O}(4; \{2^{13}, 6^{11}\})$	1145498112
6	$\mathcal{O}(4; \{2^9, 3^3, 6^{11}\})$	9174062592
6	$\mathcal{O}(4; \{2^5, 3^6, 6^{11}\})$	73382423040
6	$\mathcal{O}(4; \{2, 3^9, 6^{11}\})$	587069462016
6	$\mathcal{O}(4; \{2^{10}, 3, 6^{12}\})$	4585351680
6	$\mathcal{O}(4; \{2^6, 3^4, 6^{12}\})$	36692891136
6	$\mathcal{O}(4; \{2^2, 3^7, 6^{12}\})$	293533051392
6	$\mathcal{O}(4; \{2^7, 3^2, 6^{13}\})$	18344765952
6	$\mathcal{O}(4; \{2^3, 3^5, 6^{13}\})$	146768205312
6	$\mathcal{O}(4; \{2^8, 6^{14}\})$	9174062592

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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	$\mathcal{O}(4; \{2^4, 3^3, 6^{14}\})$	73382423040
6	$\mathcal{O}(4; \{3^6, 6^{14}\})$	587069462016
6	$\mathcal{O}(4; \{2^5, 3, 6^{15}\})$	36692891136
6	$\mathcal{O}(4; \{2, 3^4, 6^{15}\})$	293533051392
6	$\mathcal{O}(4; \{2^2, 3^2, 6^{16}\})$	146768205312
6	$\mathcal{O}(4; \{2^3, 6^{17}\})$	73382423040
6	$\mathcal{O}(4; \{3, 6^{18}\})$	293533051392
6	$\mathcal{O}(3; \{2^{30}, 3^4\})$	279936
6	$\mathcal{O}(3; \{2^{26}, 3^7\})$	1959552
6	$\mathcal{O}(3; \{2^{22}, 3^{10}\})$	15956352
6	$\mathcal{O}(3; \{2^{18}, 3^{13}\})$	127370880
6	$\mathcal{O}(3; \{2^{14}, 3^{16}\})$	1019246976
6	$\mathcal{O}(3; \{2^{10}, 3^{19}\})$	8153695872
6	$\mathcal{O}(3; \{2^6, 3^{22}\})$	65229846912
6	$\mathcal{O}(3; \{2^2, 3^{25}\})$	521838495360
6	$\mathcal{O}(3; \{2^{31}, 3^2, 6\})$	93312
6	$\mathcal{O}(3; \{2^{27}, 3^5, 6\})$	1026432
6	$\mathcal{O}(3; \{2^{23}, 3^8, 6\})$	7931520
6	$\mathcal{O}(3; \{2^{19}, 3^{11}, 6\})$	63732096
6	$\mathcal{O}(3; \{2^{15}, 3^{14}, 6\})$	509576832
6	$\mathcal{O}(3; \{2^{11}, 3^{17}, 6\})$	4076894592
6	$\mathcal{O}(3; \{2^7, 3^{20}, 6\})$	32614876800
6	$\mathcal{O}(3; \{2^3, 3^{23}, 6\})$	260919294336
6	$\mathcal{O}(3; \{2^{32}, 6^2\})$	93312
6	$\mathcal{O}(3; \{2^{28}, 3^3, 6^2\})$	466560
6	$\mathcal{O}(3; \{2^{24}, 3^6, 6^2\})$	4012416
6	$\mathcal{O}(3; \{2^{20}, 3^9, 6^2\})$	31819392
6	$\mathcal{O}(3; \{2^{16}, 3^{12}, 6^2\})$	254835072
6	$\mathcal{O}(3; \{2^{12}, 3^{15}, 6^2\})$	2038400640
6	$\mathcal{O}(3; \{2^8, 3^{18}, 6^2\})$	16307485056
6	$\mathcal{O}(3; \{2^4, 3^{21}, 6^2\})$	130459600512
6	$\mathcal{O}(3; \{3^{24}, 6^2\})$	1043677084032
6	$\mathcal{O}(3; \{2^{29}, 3, 6^3\})$	279936
6	$\mathcal{O}(3; \{2^{25}, 3^4, 6^3\})$	1959552
6	$\mathcal{O}(3; \{2^{21}, 3^7, 6^3\})$	15956352
6	$\mathcal{O}(3; \{2^{17}, 3^{10}, 6^3\})$	127370880
6	$\mathcal{O}(3; \{2^{13}, 3^{13}, 6^3\})$	1019246976
6	$\mathcal{O}(3; \{2^9, 3^{16}, 6^3\})$	8153695872
6	$\mathcal{O}(3; \{2^5, 3^{19}, 6^3\})$	65229846912
6	$\mathcal{O}(3; \{2, 3^{22}, 6^3\})$	521838495360
6	$\mathcal{O}(3; \{2^{26}, 3^2, 6^4\})$	1026432
6	$\mathcal{O}(3; \{2^{22}, 3^5, 6^4\})$	7931520
6	$\mathcal{O}(3; \{2^{18}, 3^8, 6^4\})$	63732096

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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	$\mathcal{O}(3; \{2^{14}, 3^{11}, 6^4\})$	509576832
6	$\mathcal{O}(3; \{2^{10}, 3^{14}, 6^4\})$	4076894592
6	$\mathcal{O}(3; \{2^6, 3^{17}, 6^4\})$	32614876800
6	$\mathcal{O}(3; \{2^2, 3^{20}, 6^4\})$	260919294336
6	$\mathcal{O}(3; \{2^{27}, 6^5\})$	466560
6	$\mathcal{O}(3; \{2^{23}, 3^3, 6^5\})$	4012416
6	$\mathcal{O}(3; \{2^{19}, 3^6, 6^5\})$	31819392
6	$\mathcal{O}(3; \{2^{15}, 3^9, 6^5\})$	254835072
6	$\mathcal{O}(3; \{2^{11}, 3^{12}, 6^5\})$	2038400640
6	$\mathcal{O}(3; \{2^7, 3^{15}, 6^5\})$	16307485056
6	$\mathcal{O}(3; \{2^3, 3^{18}, 6^5\})$	130459600512
6	$\mathcal{O}(3; \{2^{24}, 3, 6^6\})$	1959552
6	$\mathcal{O}(3; \{2^{20}, 3^4, 6^6\})$	15956352
6	$\mathcal{O}(3; \{2^{16}, 3^7, 6^6\})$	127370880
6	$\mathcal{O}(3; \{2^{12}, 3^{10}, 6^6\})$	1019246976
6	$\mathcal{O}(3; \{2^8, 3^{13}, 6^6\})$	8153695872
6	$\mathcal{O}(3; \{2^4, 3^{16}, 6^6\})$	65229846912
6	$\mathcal{O}(3; \{3^{19}, 6^6\})$	521838495360
6	$\mathcal{O}(3; \{2^{21}, 3^2, 6^7\})$	7931520
6	$\mathcal{O}(3; \{2^{17}, 3^5, 6^7\})$	63732096
6	$\mathcal{O}(3; \{2^{13}, 3^8, 6^7\})$	509576832
6	$\mathcal{O}(3; \{2^9, 3^{11}, 6^7\})$	4076894592
6	$\mathcal{O}(3; \{2^5, 3^{14}, 6^7\})$	32614876800
6	$\mathcal{O}(3; \{2, 3^{17}, 6^7\})$	260919294336
6	$\mathcal{O}(3; \{2^{22}, 6^8\})$	4012416
6	$\mathcal{O}(3; \{2^{18}, 3^3, 6^8\})$	31819392
6	$\mathcal{O}(3; \{2^{14}, 3^6, 6^8\})$	254835072
6	$\mathcal{O}(3; \{2^{10}, 3^9, 6^8\})$	2038400640
6	$\mathcal{O}(3; \{2^6, 3^{12}, 6^8\})$	16307485056
6	$\mathcal{O}(3; \{2^2, 3^{15}, 6^8\})$	130459600512
6	$\mathcal{O}(3; \{2^{19}, 3, 6^9\})$	15956352
6	$\mathcal{O}(3; \{2^{15}, 3^4, 6^9\})$	127370880
6	$\mathcal{O}(3; \{2^{11}, 3^7, 6^9\})$	1019246976
6	$\mathcal{O}(3; \{2^7, 3^{10}, 6^9\})$	8153695872
6	$\mathcal{O}(3; \{2^3, 3^{13}, 6^9\})$	65229846912
6	$\mathcal{O}(3; \{2^{16}, 3^2, 6^{10}\})$	63732096
6	$\mathcal{O}(3; \{2^{12}, 3^5, 6^{10}\})$	509576832
6	$\mathcal{O}(3; \{2^8, 3^8, 6^{10}\})$	4076894592
6	$\mathcal{O}(3; \{2^4, 3^{11}, 6^{10}\})$	32614876800
6	$\mathcal{O}(3; \{3^{14}, 6^{10}\})$	260919294336
6	$\mathcal{O}(3; \{2^{17}, 6^{11}\})$	31819392
6	$\mathcal{O}(3; \{2^{13}, 3^3, 6^{11}\})$	254835072
6	$\mathcal{O}(3; \{2^9, 3^6, 6^{11}\})$	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	$\mathcal{O}(3; \{2^5, 3^9, 6^{11}\})$	16307485056
6	$\mathcal{O}(3; \{2, 3^{12}, 6^{11}\})$	130459600512
6	$\mathcal{O}(3; \{2^{14}, 3, 6^{12}\})$	127370880
6	$\mathcal{O}(3; \{2^{10}, 3^4, 6^{12}\})$	1019246976
6	$\mathcal{O}(3; \{2^6, 3^7, 6^{12}\})$	8153695872
6	$\mathcal{O}(3; \{2^2, 3^{10}, 6^{12}\})$	65229846912
6	$\mathcal{O}(3; \{2^{11}, 3^2, 6^{13}\})$	509576832
6	$\mathcal{O}(3; \{2^7, 3^5, 6^{13}\})$	4076894592
6	$\mathcal{O}(3; \{2^3, 3^8, 6^{13}\})$	32614876800
6	$\mathcal{O}(3; \{2^{12}, 6^{14}\})$	254835072
6	$\mathcal{O}(3; \{2^8, 3^3, 6^{14}\})$	2038400640
6	$\mathcal{O}(3; \{2^4, 3^6, 6^{14}\})$	16307485056
6	$\mathcal{O}(3; \{3^9, 6^{14}\})$	130459600512
6	$\mathcal{O}(3; \{2^9, 3, 6^{15}\})$	1019246976
6	$\mathcal{O}(3; \{2^5, 3^4, 6^{15}\})$	8153695872
6	$\mathcal{O}(3; \{2, 3^7, 6^{15}\})$	65229846912
6	$\mathcal{O}(3; \{2^6, 3^2, 6^{16}\})$	4076894592
6	$\mathcal{O}(3; \{2^2, 3^5, 6^{16}\})$	32614876800
6	$\mathcal{O}(3; \{2^7, 6^{17}\})$	2038400640
6	$\mathcal{O}(3; \{2^3, 3^3, 6^{17}\})$	16307485056
6	$\mathcal{O}(3; \{2^4, 3, 6^{18}\})$	8153695872
6	$\mathcal{O}(3; \{3^4, 6^{18}\})$	65229846912
6	$\mathcal{O}(3; \{2, 3^2, 6^{19}\})$	32614876800
6	$\mathcal{O}(3; \{2^2, 6^{20}\})$	16307485056
6	$\mathcal{O}(2; \{2^{34}, 3^4\})$	7776
6	$\mathcal{O}(2; \{2^{30}, 3^7\})$	54432
6	$\mathcal{O}(2; \{2^{26}, 3^{10}\})$	443232
6	$\mathcal{O}(2; \{2^{22}, 3^{13}\})$	3538080
6	$\mathcal{O}(2; \{2^{18}, 3^{16}\})$	28312416
6	$\mathcal{O}(2; \{2^{14}, 3^{19}\})$	226491552
6	$\mathcal{O}(2; \{2^{10}, 3^{22}\})$	1811940192
6	$\mathcal{O}(2; \{2^6, 3^{25}\})$	14495513760
6	$\mathcal{O}(2; \{2^2, 3^{28}\})$	115964117856
6	$\mathcal{O}(2; \{2^{35}, 3^2, 6\})$	2592
6	$\mathcal{O}(2; \{2^{31}, 3^5, 6\})$	28512
6	$\mathcal{O}(2; \{2^{27}, 3^8, 6\})$	220320
6	$\mathcal{O}(2; \{2^{23}, 3^{11}, 6\})$	1770336
6	$\mathcal{O}(2; \{2^{19}, 3^{14}, 6\})$	14154912
6	$\mathcal{O}(2; \{2^{15}, 3^{17}, 6\})$	113247072
6	$\mathcal{O}(2; \{2^{11}, 3^{20}, 6\})$	905968800
6	$\mathcal{O}(2; \{2^7, 3^{23}, 6\})$	7247758176
6	$\mathcal{O}(2; \{2^3, 3^{26}, 6\})$	57982057632
6	$\mathcal{O}(2; \{2^{36}, 6^2\})$	2592

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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	$\mathcal{O}(2; \{2^{32}, 3^3, 6^2\})$	12960
6	$\mathcal{O}(2; \{2^{28}, 3^6, 6^2\})$	111456
6	$\mathcal{O}(2; \{2^{24}, 3^9, 6^2\})$	883872
6	$\mathcal{O}(2; \{2^{20}, 3^{12}, 6^2\})$	7078752
6	$\mathcal{O}(2; \{2^{16}, 3^{15}, 6^2\})$	56622240
6	$\mathcal{O}(2; \{2^{12}, 3^{18}, 6^2\})$	452985696
6	$\mathcal{O}(2; \{2^8, 3^{21}, 6^2\})$	3623877792
6	$\mathcal{O}(2; \{2^4, 3^{24}, 6^2\})$	28991030112
6	$\mathcal{O}(2; \{3^{27}, 6^2\})$	231928233120
6	$\mathcal{O}(2; \{2^{33}, 3, 6^3\})$	7776
6	$\mathcal{O}(2; \{2^{29}, 3^4, 6^3\})$	54432
6	$\mathcal{O}(2; \{2^{25}, 3^7, 6^3\})$	443232
6	$\mathcal{O}(2; \{2^{21}, 3^{10}, 6^3\})$	3538080
6	$\mathcal{O}(2; \{2^{17}, 3^{13}, 6^3\})$	28312416
6	$\mathcal{O}(2; \{2^{13}, 3^{16}, 6^3\})$	226491552
6	$\mathcal{O}(2; \{2^9, 3^{19}, 6^3\})$	1811940192
6	$\mathcal{O}(2; \{2^5, 3^{22}, 6^3\})$	14495513760
6	$\mathcal{O}(2; \{2, 3^{25}, 6^3\})$	115964117856
6	$\mathcal{O}(2; \{2^{30}, 3^2, 6^4\})$	28512
6	$\mathcal{O}(2; \{2^{26}, 3^5, 6^4\})$	220320
6	$\mathcal{O}(2; \{2^{22}, 3^8, 6^4\})$	1770336
6	$\mathcal{O}(2; \{2^{18}, 3^{11}, 6^4\})$	14154912
6	$\mathcal{O}(2; \{2^{14}, 3^{14}, 6^4\})$	113247072
6	$\mathcal{O}(2; \{2^{10}, 3^{17}, 6^4\})$	905968800
6	$\mathcal{O}(2; \{2^6, 3^{20}, 6^4\})$	7247758176
6	$\mathcal{O}(2; \{2^2, 3^{23}, 6^4\})$	57982057632
6	$\mathcal{O}(2; \{2^{31}, 6^5\})$	12960
6	$\mathcal{O}(2; \{2^{27}, 3^3, 6^5\})$	111456
6	$\mathcal{O}(2; \{2^{23}, 3^6, 6^5\})$	883872
6	$\mathcal{O}(2; \{2^{19}, 3^9, 6^5\})$	7078752
6	$\mathcal{O}(2; \{2^{15}, 3^{12}, 6^5\})$	56622240
6	$\mathcal{O}(2; \{2^{11}, 3^{15}, 6^5\})$	452985696
6	$\mathcal{O}(2; \{2^7, 3^{18}, 6^5\})$	3623877792
6	$\mathcal{O}(2; \{2^3, 3^{21}, 6^5\})$	28991030112
6	$\mathcal{O}(2; \{2^{28}, 3, 6^6\})$	54432
6	$\mathcal{O}(2; \{2^{24}, 3^4, 6^6\})$	443232
6	$\mathcal{O}(2; \{2^{20}, 3^7, 6^6\})$	3538080
6	$\mathcal{O}(2; \{2^{16}, 3^{10}, 6^6\})$	28312416
6	$\mathcal{O}(2; \{2^{12}, 3^{13}, 6^6\})$	226491552
6	$\mathcal{O}(2; \{2^8, 3^{16}, 6^6\})$	1811940192
6	$\mathcal{O}(2; \{2^4, 3^{19}, 6^6\})$	14495513760
6	$\mathcal{O}(2; \{3^{22}, 6^6\})$	115964117856
6	$\mathcal{O}(2; \{2^{25}, 3^2, 6^7\})$	220320

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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	$\mathcal{O}(2; \{2^{21}, 3^5, 6^7\})$	1770336
6	$\mathcal{O}(2; \{2^{17}, 3^8, 6^7\})$	14154912
6	$\mathcal{O}(2; \{2^{13}, 3^{11}, 6^7\})$	113247072
6	$\mathcal{O}(2; \{2^9, 3^{14}, 6^7\})$	905968800
6	$\mathcal{O}(2; \{2^5, 3^{17}, 6^7\})$	7247758176
6	$\mathcal{O}(2; \{2, 3^{20}, 6^7\})$	57982057632
6	$\mathcal{O}(2; \{2^{26}, 6^8\})$	111456
6	$\mathcal{O}(2; \{2^{22}, 3^3, 6^8\})$	883872
6	$\mathcal{O}(2; \{2^{18}, 3^6, 6^8\})$	7078752
6	$\mathcal{O}(2; \{2^{14}, 3^9, 6^8\})$	56622240
6	$\mathcal{O}(2; \{2^{10}, 3^{12}, 6^8\})$	452985696
6	$\mathcal{O}(2; \{2^6, 3^{15}, 6^8\})$	3623877792
6	$\mathcal{O}(2; \{2^2, 3^{18}, 6^8\})$	28991030112
6	$\mathcal{O}(2; \{2^{23}, 3, 6^9\})$	443232
6	$\mathcal{O}(2; \{2^{19}, 3^4, 6^9\})$	3538080
6	$\mathcal{O}(2; \{2^{15}, 3^7, 6^9\})$	28312416
6	$\mathcal{O}(2; \{2^{11}, 3^{10}, 6^9\})$	226491552
6	$\mathcal{O}(2; \{2^7, 3^{13}, 6^9\})$	1811940192
6	$\mathcal{O}(2; \{2^3, 3^{16}, 6^9\})$	14495513760
6	$\mathcal{O}(2; \{2^{20}, 3^2, 6^{10}\})$	1770336
6	$\mathcal{O}(2; \{2^{16}, 3^5, 6^{10}\})$	14154912
6	$\mathcal{O}(2; \{2^{12}, 3^8, 6^{10}\})$	113247072
6	$\mathcal{O}(2; \{2^8, 3^{11}, 6^{10}\})$	905968800
6	$\mathcal{O}(2; \{2^4, 3^{14}, 6^{10}\})$	7247758176
6	$\mathcal{O}(2; \{3^{17}, 6^{10}\})$	57982057632
6	$\mathcal{O}(2; \{2^{21}, 6^{11}\})$	883872
6	$\mathcal{O}(2; \{2^{17}, 3^3, 6^{11}\})$	7078752
6	$\mathcal{O}(2; \{2^{13}, 3^6, 6^{11}\})$	56622240
6	$\mathcal{O}(2; \{2^9, 3^9, 6^{11}\})$	452985696
6	$\mathcal{O}(2; \{2^5, 3^{12}, 6^{11}\})$	3623877792
6	$\mathcal{O}(2; \{2, 3^{15}, 6^{11}\})$	28991030112
6	$\mathcal{O}(2; \{2^{18}, 3, 6^{12}\})$	3538080
6	$\mathcal{O}(2; \{2^{14}, 3^4, 6^{12}\})$	28312416
6	$\mathcal{O}(2; \{2^{10}, 3^7, 6^{12}\})$	226491552
6	$\mathcal{O}(2; \{2^6, 3^{10}, 6^{12}\})$	1811940192
6	$\mathcal{O}(2; \{2^2, 3^{13}, 6^{12}\})$	14495513760
6	$\mathcal{O}(2; \{2^{15}, 3^2, 6^{13}\})$	14154912
6	$\mathcal{O}(2; \{2^{11}, 3^5, 6^{13}\})$	113247072
6	$\mathcal{O}(2; \{2^7, 3^8, 6^{13}\})$	905968800
6	$\mathcal{O}(2; \{2^3, 3^{11}, 6^{13}\})$	7247758176
6	$\mathcal{O}(2; \{2^{16}, 6^{14}\})$	7078752
6	$\mathcal{O}(2; \{2^{12}, 3^3, 6^{14}\})$	56622240
6	$\mathcal{O}(2; \{2^8, 3^6, 6^{14}\})$	452985696

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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	$\mathcal{O}(2; \{2^4, 3^9, 6^{14}\})$	3623877792
6	$\mathcal{O}(2; \{3^{12}, 6^{14}\})$	28991030112
6	$\mathcal{O}(2; \{2^{13}, 3, 6^{15}\})$	28312416
6	$\mathcal{O}(2; \{2^9, 3^4, 6^{15}\})$	226491552
6	$\mathcal{O}(2; \{2^5, 3^7, 6^{15}\})$	1811940192
6	$\mathcal{O}(2; \{2, 3^{10}, 6^{15}\})$	14495513760
6	$\mathcal{O}(2; \{2^{10}, 3^2, 6^{16}\})$	113247072
6	$\mathcal{O}(2; \{2^6, 3^5, 6^{16}\})$	905968800
6	$\mathcal{O}(2; \{2^2, 3^8, 6^{16}\})$	7247758176
6	$\mathcal{O}(2; \{2^{11}, 6^{17}\})$	56622240
6	$\mathcal{O}(2; \{2^7, 3^3, 6^{17}\})$	452985696
6	$\mathcal{O}(2; \{2^3, 3^6, 6^{17}\})$	3623877792
6	$\mathcal{O}(2; \{2^8, 3, 6^{18}\})$	226491552
6	$\mathcal{O}(2; \{2^4, 3^4, 6^{18}\})$	1811940192
6	$\mathcal{O}(2; \{3^7, 6^{18}\})$	14495513760
6	$\mathcal{O}(2; \{2^5, 3^2, 6^{19}\})$	905968800
6	$\mathcal{O}(2; \{2, 3^5, 6^{19}\})$	7247758176
6	$\mathcal{O}(2; \{2^6, 6^{20}\})$	452985696
6	$\mathcal{O}(2; \{2^2, 3^3, 6^{20}\})$	3623877792
6	$\mathcal{O}(2; \{2^3, 3, 6^{21}\})$	1811940192
6	$\mathcal{O}(2; \{3^2, 6^{22}\})$	7247758176
6	$\mathcal{O}(2; \{2, 6^{23}\})$	3623877792
6	$\mathcal{O}(1; \{2^{38}, 3^4\})$	216
6	$\mathcal{O}(1; \{2^{34}, 3^7\})$	1512
6	$\mathcal{O}(1; \{2^{30}, 3^{10}\})$	12312
6	$\mathcal{O}(1; \{2^{26}, 3^{13}\})$	98280
6	$\mathcal{O}(1; \{2^{22}, 3^{16}\})$	786456
6	$\mathcal{O}(1; \{2^{18}, 3^{19}\})$	6291432
6	$\mathcal{O}(1; \{2^{14}, 3^{22}\})$	50331672
6	$\mathcal{O}(1; \{2^{10}, 3^{25}\})$	402653160
6	$\mathcal{O}(1; \{2^6, 3^{28}\})$	3221225496
6	$\mathcal{O}(1; \{2^2, 3^{31}\})$	25769803752
6	$\mathcal{O}(1; \{2^{39}, 3^2, 6\})$	72
6	$\mathcal{O}(1; \{2^{35}, 3^5, 6\})$	792
6	$\mathcal{O}(1; \{2^{31}, 3^8, 6\})$	6120
6	$\mathcal{O}(1; \{2^{27}, 3^{11}, 6\})$	49176
6	$\mathcal{O}(1; \{2^{23}, 3^{14}, 6\})$	393192
6	$\mathcal{O}(1; \{2^{19}, 3^{17}, 6\})$	3145752
6	$\mathcal{O}(1; \{2^{15}, 3^{20}, 6\})$	25165800
6	$\mathcal{O}(1; \{2^{11}, 3^{23}, 6\})$	201326616
6	$\mathcal{O}(1; \{2^7, 3^{26}, 6\})$	1610612712
6	$\mathcal{O}(1; \{2^3, 3^{29}, 6\})$	12884901912
6	$\mathcal{O}(1; \{2^{40}, 6^2\})$	72

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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	$\mathcal{O}(1; \{2^{36}, 3^3, 6^2\})$	360
6	$\mathcal{O}(1; \{2^{32}, 3^6, 6^2\})$	3096
6	$\mathcal{O}(1; \{2^{28}, 3^9, 6^2\})$	24552
6	$\mathcal{O}(1; \{2^{24}, 3^{12}, 6^2\})$	196632
6	$\mathcal{O}(1; \{2^{20}, 3^{15}, 6^2\})$	1572840
6	$\mathcal{O}(1; \{2^{16}, 3^{18}, 6^2\})$	12582936
6	$\mathcal{O}(1; \{2^{12}, 3^{21}, 6^2\})$	100663272
6	$\mathcal{O}(1; \{2^8, 3^{24}, 6^2\})$	805306392
6	$\mathcal{O}(1; \{2^4, 3^{27}, 6^2\})$	6442450920
6	$\mathcal{O}(1; \{3^{30}, 6^2\})$	51539607576
6	$\mathcal{O}(1; \{2^{37}, 3, 6^3\})$	216
6	$\mathcal{O}(1; \{2^{33}, 3^4, 6^3\})$	1512
6	$\mathcal{O}(1; \{2^{29}, 3^7, 6^3\})$	12312
6	$\mathcal{O}(1; \{2^{25}, 3^{10}, 6^3\})$	98280
6	$\mathcal{O}(1; \{2^{21}, 3^{13}, 6^3\})$	786456
6	$\mathcal{O}(1; \{2^{17}, 3^{16}, 6^3\})$	6291432
6	$\mathcal{O}(1; \{2^{13}, 3^{19}, 6^3\})$	50331672
6	$\mathcal{O}(1; \{2^9, 3^{22}, 6^3\})$	402653160
6	$\mathcal{O}(1; \{2^5, 3^{25}, 6^3\})$	3221225496
6	$\mathcal{O}(1; \{2, 3^{28}, 6^3\})$	25769803752
6	$\mathcal{O}(1; \{2^{34}, 3^2, 6^4\})$	792
6	$\mathcal{O}(1; \{2^{30}, 3^5, 6^4\})$	6120
6	$\mathcal{O}(1; \{2^{26}, 3^8, 6^4\})$	49176
6	$\mathcal{O}(1; \{2^{22}, 3^{11}, 6^4\})$	393192
6	$\mathcal{O}(1; \{2^{18}, 3^{14}, 6^4\})$	3145752
6	$\mathcal{O}(1; \{2^{14}, 3^{17}, 6^4\})$	25165800
6	$\mathcal{O}(1; \{2^{10}, 3^{20}, 6^4\})$	201326616
6	$\mathcal{O}(1; \{2^6, 3^{23}, 6^4\})$	1610612712
6	$\mathcal{O}(1; \{2^2, 3^{26}, 6^4\})$	12884901912
6	$\mathcal{O}(1; \{2^{35}, 6^5\})$	360
6	$\mathcal{O}(1; \{2^{31}, 3^3, 6^5\})$	3096
6	$\mathcal{O}(1; \{2^{27}, 3^6, 6^5\})$	24552
6	$\mathcal{O}(1; \{2^{23}, 3^9, 6^5\})$	196632
6	$\mathcal{O}(1; \{2^{19}, 3^{12}, 6^5\})$	1572840
6	$\mathcal{O}(1; \{2^{15}, 3^{15}, 6^5\})$	12582936
6	$\mathcal{O}(1; \{2^{11}, 3^{18}, 6^5\})$	100663272
6	$\mathcal{O}(1; \{2^7, 3^{21}, 6^5\})$	805306392
6	$\mathcal{O}(1; \{2^3, 3^{24}, 6^5\})$	6442450920
6	$\mathcal{O}(1; \{2^{32}, 3, 6^6\})$	1512
6	$\mathcal{O}(1; \{2^{28}, 3^4, 6^6\})$	12312
6	$\mathcal{O}(1; \{2^{24}, 3^7, 6^6\})$	98280
6	$\mathcal{O}(1; \{2^{20}, 3^{10}, 6^6\})$	786456
6	$\mathcal{O}(1; \{2^{16}, 3^{13}, 6^6\})$	6291432

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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	$\mathcal{O}(1; \{2^{12}, 3^{16}, 6^6\})$	50331672
6	$\mathcal{O}(1; \{2^8, 3^{19}, 6^6\})$	402653160
6	$\mathcal{O}(1; \{2^4, 3^{22}, 6^6\})$	3221225496
6	$\mathcal{O}(1; \{3^{25}, 6^6\})$	25769803752
6	$\mathcal{O}(1; \{2^{29}, 3^2, 6^7\})$	6120
6	$\mathcal{O}(1; \{2^{25}, 3^5, 6^7\})$	49176
6	$\mathcal{O}(1; \{2^{21}, 3^8, 6^7\})$	393192
6	$\mathcal{O}(1; \{2^{17}, 3^{11}, 6^7\})$	3145752
6	$\mathcal{O}(1; \{2^{13}, 3^{14}, 6^7\})$	25165800
6	$\mathcal{O}(1; \{2^9, 3^{17}, 6^7\})$	201326616
6	$\mathcal{O}(1; \{2^5, 3^{20}, 6^7\})$	1610612712
6	$\mathcal{O}(1; \{2, 3^{23}, 6^7\})$	12884901912
6	$\mathcal{O}(1; \{2^{30}, 6^8\})$	3096
6	$\mathcal{O}(1; \{2^{26}, 3^3, 6^8\})$	24552
6	$\mathcal{O}(1; \{2^{22}, 3^6, 6^8\})$	196632
6	$\mathcal{O}(1; \{2^{18}, 3^9, 6^8\})$	1572840
6	$\mathcal{O}(1; \{2^{14}, 3^{12}, 6^8\})$	12582936
6	$\mathcal{O}(1; \{2^{10}, 3^{15}, 6^8\})$	100663272
6	$\mathcal{O}(1; \{2^6, 3^{18}, 6^8\})$	805306392
6	$\mathcal{O}(1; \{2^2, 3^{21}, 6^8\})$	6442450920
6	$\mathcal{O}(1; \{2^{27}, 3, 6^9\})$	12312
6	$\mathcal{O}(1; \{2^{23}, 3^4, 6^9\})$	98280
6	$\mathcal{O}(1; \{2^{19}, 3^7, 6^9\})$	786456
6	$\mathcal{O}(1; \{2^{15}, 3^{10}, 6^9\})$	6291432
6	$\mathcal{O}(1; \{2^{11}, 3^{13}, 6^9\})$	50331672
6	$\mathcal{O}(1; \{2^7, 3^{16}, 6^9\})$	402653160
6	$\mathcal{O}(1; \{2^3, 3^{19}, 6^9\})$	3221225496
6	$\mathcal{O}(1; \{2^{24}, 3^2, 6^{10}\})$	49176
6	$\mathcal{O}(1; \{2^{20}, 3^5, 6^{10}\})$	393192
6	$\mathcal{O}(1; \{2^{16}, 3^8, 6^{10}\})$	3145752
6	$\mathcal{O}(1; \{2^{12}, 3^{11}, 6^{10}\})$	25165800
6	$\mathcal{O}(1; \{2^8, 3^{14}, 6^{10}\})$	201326616
6	$\mathcal{O}(1; \{2^4, 3^{17}, 6^{10}\})$	1610612712
6	$\mathcal{O}(1; \{3^{20}, 6^{10}\})$	12884901912
6	$\mathcal{O}(1; \{2^{25}, 6^{11}\})$	24552
6	$\mathcal{O}(1; \{2^{21}, 3^3, 6^{11}\})$	196632
6	$\mathcal{O}(1; \{2^{17}, 3^6, 6^{11}\})$	1572840
6	$\mathcal{O}(1; \{2^{13}, 3^9, 6^{11}\})$	12582936
6	$\mathcal{O}(1; \{2^9, 3^{12}, 6^{11}\})$	100663272
6	$\mathcal{O}(1; \{2^5, 3^{15}, 6^{11}\})$	805306392
6	$\mathcal{O}(1; \{2, 3^{18}, 6^{11}\})$	6442450920
6	$\mathcal{O}(1; \{2^{22}, 3, 6^{12}\})$	98280
6	$\mathcal{O}(1; \{2^{18}, 3^4, 6^{12}\})$	786456

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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	$\mathcal{O}(1; \{2^{14}, 3^7, 6^{12}\})$	6291432
6	$\mathcal{O}(1; \{2^{10}, 3^{10}, 6^{12}\})$	50331672
6	$\mathcal{O}(1; \{2^6, 3^{13}, 6^{12}\})$	402653160
6	$\mathcal{O}(1; \{2^2, 3^{16}, 6^{12}\})$	3221225496
6	$\mathcal{O}(1; \{2^{19}, 3^2, 6^{13}\})$	393192
6	$\mathcal{O}(1; \{2^{15}, 3^5, 6^{13}\})$	3145752
6	$\mathcal{O}(1; \{2^{11}, 3^8, 6^{13}\})$	25165800
6	$\mathcal{O}(1; \{2^7, 3^{11}, 6^{13}\})$	201326616
6	$\mathcal{O}(1; \{2^3, 3^{14}, 6^{13}\})$	1610612712
6	$\mathcal{O}(1; \{2^{20}, 6^{14}\})$	196632
6	$\mathcal{O}(1; \{2^{16}, 3^3, 6^{14}\})$	1572840
6	$\mathcal{O}(1; \{2^{12}, 3^6, 6^{14}\})$	12582936
6	$\mathcal{O}(1; \{2^8, 3^9, 6^{14}\})$	100663272
6	$\mathcal{O}(1; \{2^4, 3^{12}, 6^{14}\})$	805306392
6	$\mathcal{O}(1; \{3^{15}, 6^{14}\})$	6442450920
6	$\mathcal{O}(1; \{2^{17}, 3, 6^{15}\})$	786456
6	$\mathcal{O}(1; \{2^{13}, 3^4, 6^{15}\})$	6291432
6	$\mathcal{O}(1; \{2^9, 3^7, 6^{15}\})$	50331672
6	$\mathcal{O}(1; \{2^5, 3^{10}, 6^{15}\})$	402653160
6	$\mathcal{O}(1; \{2, 3^{13}, 6^{15}\})$	3221225496
6	$\mathcal{O}(1; \{2^{14}, 3^2, 6^{16}\})$	3145752
6	$\mathcal{O}(1; \{2^{10}, 3^5, 6^{16}\})$	25165800
6	$\mathcal{O}(1; \{2^6, 3^8, 6^{16}\})$	201326616
6	$\mathcal{O}(1; \{2^2, 3^{11}, 6^{16}\})$	1610612712
6	$\mathcal{O}(1; \{2^{15}, 6^{17}\})$	1572840
6	$\mathcal{O}(1; \{2^{11}, 3^3, 6^{17}\})$	12582936
6	$\mathcal{O}(1; \{2^7, 3^6, 6^{17}\})$	100663272
6	$\mathcal{O}(1; \{2^3, 3^9, 6^{17}\})$	805306392
6	$\mathcal{O}(1; \{2^{12}, 3, 6^{18}\})$	6291432
6	$\mathcal{O}(1; \{2^8, 3^4, 6^{18}\})$	50331672
6	$\mathcal{O}(1; \{2^4, 3^7, 6^{18}\})$	402653160
6	$\mathcal{O}(1; \{3^{10}, 6^{18}\})$	3221225496
6	$\mathcal{O}(1; \{2^9, 3^2, 6^{19}\})$	25165800
6	$\mathcal{O}(1; \{2^5, 3^5, 6^{19}\})$	201326616
6	$\mathcal{O}(1; \{2, 3^8, 6^{19}\})$	1610612712
6	$\mathcal{O}(1; \{2^{10}, 6^{20}\})$	12582936
6	$\mathcal{O}(1; \{2^6, 3^3, 6^{20}\})$	100663272
6	$\mathcal{O}(1; \{2^2, 3^6, 6^{20}\})$	805306392
6	$\mathcal{O}(1; \{2^7, 3, 6^{21}\})$	50331672
6	$\mathcal{O}(1; \{2^3, 3^4, 6^{21}\})$	402653160
6	$\mathcal{O}(1; \{2^4, 3^2, 6^{22}\})$	201326616
6	$\mathcal{O}(1; \{3^5, 6^{22}\})$	1610612712
6	$\mathcal{O}(1; \{2^5, 6^{23}\})$	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	$\mathcal{O}(1; \{2, 3^3, 6^{23}\})$	805306392
6	$\mathcal{O}(1; \{2^2, 3, 6^{24}\})$	402653160
6	$\mathcal{O}(1; \{6^{26}\})$	805306392
6	$\mathcal{O}(0; \{2^{42}, 3^4\})$	6
6	$\mathcal{O}(0; \{2^{38}, 3^7\})$	42
6	$\mathcal{O}(0; \{2^{34}, 3^{10}\})$	342
6	$\mathcal{O}(0; \{2^{30}, 3^{13}\})$	2730
6	$\mathcal{O}(0; \{2^{26}, 3^{16}\})$	21846
6	$\mathcal{O}(0; \{2^{22}, 3^{19}\})$	174762
6	$\mathcal{O}(0; \{2^{18}, 3^{22}\})$	1398102
6	$\mathcal{O}(0; \{2^{14}, 3^{25}\})$	11184810
6	$\mathcal{O}(0; \{2^{10}, 3^{28}\})$	89478486
6	$\mathcal{O}(0; \{2^6, 3^{31}\})$	715827882
6	$\mathcal{O}(0; \{2^2, 3^{34}\})$	5726623062
6	$\mathcal{O}(0; \{2^{43}, 3^2, 6\})$	2
6	$\mathcal{O}(0; \{2^{39}, 3^5, 6\})$	22
6	$\mathcal{O}(0; \{2^{35}, 3^8, 6\})$	170
6	$\mathcal{O}(0; \{2^{31}, 3^{11}, 6\})$	1366
6	$\mathcal{O}(0; \{2^{27}, 3^{14}, 6\})$	10922
6	$\mathcal{O}(0; \{2^{23}, 3^{17}, 6\})$	87382
6	$\mathcal{O}(0; \{2^{19}, 3^{20}, 6\})$	699050
6	$\mathcal{O}(0; \{2^{15}, 3^{23}, 6\})$	5592406
6	$\mathcal{O}(0; \{2^{11}, 3^{26}, 6\})$	44739242
6	$\mathcal{O}(0; \{2^7, 3^{29}, 6\})$	357913942
6	$\mathcal{O}(0; \{2^3, 3^{32}, 6\})$	2863311530
6	$\mathcal{O}(0; \{2^{44}, 6^2\})$	2
6	$\mathcal{O}(0; \{2^{40}, 3^3, 6^2\})$	10
6	$\mathcal{O}(0; \{2^{36}, 3^6, 6^2\})$	86
6	$\mathcal{O}(0; \{2^{32}, 3^9, 6^2\})$	682
6	$\mathcal{O}(0; \{2^{28}, 3^{12}, 6^2\})$	5462
6	$\mathcal{O}(0; \{2^{24}, 3^{15}, 6^2\})$	43690
6	$\mathcal{O}(0; \{2^{20}, 3^{18}, 6^2\})$	349526
6	$\mathcal{O}(0; \{2^{16}, 3^{21}, 6^2\})$	2796202
6	$\mathcal{O}(0; \{2^{12}, 3^{24}, 6^2\})$	22369622
6	$\mathcal{O}(0; \{2^8, 3^{27}, 6^2\})$	178956970
6	$\mathcal{O}(0; \{2^4, 3^{30}, 6^2\})$	1431655766
6	$\mathcal{O}(0; \{3^{33}, 6^2\})$	11453246122
6	$\mathcal{O}(0; \{2^{41}, 3, 6^3\})$	6
6	$\mathcal{O}(0; \{2^{37}, 3^4, 6^3\})$	42
6	$\mathcal{O}(0; \{2^{33}, 3^7, 6^3\})$	342
6	$\mathcal{O}(0; \{2^{29}, 3^{10}, 6^3\})$	2730
6	$\mathcal{O}(0; \{2^{25}, 3^{13}, 6^3\})$	21846
6	$\mathcal{O}(0; \{2^{21}, 3^{16}, 6^3\})$	174762

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

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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	$\mathcal{O}(0; \{2, 3^{26}, 6^7\})$	2863311530
6	$\mathcal{O}(0; \{2^{34}, 6^8\})$	86
6	$\mathcal{O}(0; \{2^{30}, 3^3, 6^8\})$	682
6	$\mathcal{O}(0; \{2^{26}, 3^6, 6^8\})$	5462
6	$\mathcal{O}(0; \{2^{22}, 3^9, 6^8\})$	43690
6	$\mathcal{O}(0; \{2^{18}, 3^{12}, 6^8\})$	349526
6	$\mathcal{O}(0; \{2^{14}, 3^{15}, 6^8\})$	2796202
6	$\mathcal{O}(0; \{2^{10}, 3^{18}, 6^8\})$	22369622
6	$\mathcal{O}(0; \{2^6, 3^{21}, 6^8\})$	178956970
6	$\mathcal{O}(0; \{2^2, 3^{24}, 6^8\})$	1431655766
6	$\mathcal{O}(0; \{2^{31}, 3, 6^9\})$	342
6	$\mathcal{O}(0; \{2^{27}, 3^4, 6^9\})$	2730
6	$\mathcal{O}(0; \{2^{23}, 3^7, 6^9\})$	21846
6	$\mathcal{O}(0; \{2^{19}, 3^{10}, 6^9\})$	174762
6	$\mathcal{O}(0; \{2^{15}, 3^{13}, 6^9\})$	1398102
6	$\mathcal{O}(0; \{2^{11}, 3^{16}, 6^9\})$	11184810
6	$\mathcal{O}(0; \{2^7, 3^{19}, 6^9\})$	89478486
6	$\mathcal{O}(0; \{2^3, 3^{22}, 6^9\})$	715827882
6	$\mathcal{O}(0; \{2^{28}, 3^2, 6^{10}\})$	1366
6	$\mathcal{O}(0; \{2^{24}, 3^5, 6^{10}\})$	10922
6	$\mathcal{O}(0; \{2^{20}, 3^8, 6^{10}\})$	87382
6	$\mathcal{O}(0; \{2^{16}, 3^{11}, 6^{10}\})$	699050
6	$\mathcal{O}(0; \{2^{12}, 3^{14}, 6^{10}\})$	5592406
6	$\mathcal{O}(0; \{2^8, 3^{17}, 6^{10}\})$	44739242
6	$\mathcal{O}(0; \{2^4, 3^{20}, 6^{10}\})$	357913942
6	$\mathcal{O}(0; \{3^{23}, 6^{10}\})$	2863311530
6	$\mathcal{O}(0; \{2^{29}, 6^{11}\})$	682
6	$\mathcal{O}(0; \{2^{25}, 3^3, 6^{11}\})$	5462
6	$\mathcal{O}(0; \{2^{21}, 3^6, 6^{11}\})$	43690
6	$\mathcal{O}(0; \{2^{17}, 3^9, 6^{11}\})$	349526
6	$\mathcal{O}(0; \{2^{13}, 3^{12}, 6^{11}\})$	2796202
6	$\mathcal{O}(0; \{2^9, 3^{15}, 6^{11}\})$	22369622
6	$\mathcal{O}(0; \{2^5, 3^{18}, 6^{11}\})$	178956970
6	$\mathcal{O}(0; \{2, 3^{21}, 6^{11}\})$	1431655766
6	$\mathcal{O}(0; \{2^{26}, 3, 6^{12}\})$	2730
6	$\mathcal{O}(0; \{2^{22}, 3^4, 6^{12}\})$	21846
6	$\mathcal{O}(0; \{2^{18}, 3^7, 6^{12}\})$	174762
6	$\mathcal{O}(0; \{2^{14}, 3^{10}, 6^{12}\})$	1398102
6	$\mathcal{O}(0; \{2^{10}, 3^{13}, 6^{12}\})$	11184810
6	$\mathcal{O}(0; \{2^6, 3^{16}, 6^{12}\})$	89478486
6	$\mathcal{O}(0; \{2^2, 3^{19}, 6^{12}\})$	715827882
6	$\mathcal{O}(0; \{2^{23}, 3^2, 6^{13}\})$	10922
6	$\mathcal{O}(0; \{2^{19}, 3^5, 6^{13}\})$	87382

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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	$\mathcal{O}(0; \{2^{15}, 3^8, 6^{13}\})$	699050
6	$\mathcal{O}(0; \{2^{11}, 3^{11}, 6^{13}\})$	5592406
6	$\mathcal{O}(0; \{2^7, 3^{14}, 6^{13}\})$	44739242
6	$\mathcal{O}(0; \{2^3, 3^{17}, 6^{13}\})$	357913942
6	$\mathcal{O}(0; \{2^{24}, 6^{14}\})$	5462
6	$\mathcal{O}(0; \{2^{20}, 3^3, 6^{14}\})$	43690
6	$\mathcal{O}(0; \{2^{16}, 3^6, 6^{14}\})$	349526
6	$\mathcal{O}(0; \{2^{12}, 3^9, 6^{14}\})$	2796202
6	$\mathcal{O}(0; \{2^8, 3^{12}, 6^{14}\})$	22369622
6	$\mathcal{O}(0; \{2^4, 3^{15}, 6^{14}\})$	178956970
6	$\mathcal{O}(0; \{3^{18}, 6^{14}\})$	1431655766
6	$\mathcal{O}(0; \{2^{21}, 3, 6^{15}\})$	21846
6	$\mathcal{O}(0; \{2^{17}, 3^4, 6^{15}\})$	174762
6	$\mathcal{O}(0; \{2^{13}, 3^7, 6^{15}\})$	1398102
6	$\mathcal{O}(0; \{2^9, 3^{10}, 6^{15}\})$	11184810
6	$\mathcal{O}(0; \{2^5, 3^{13}, 6^{15}\})$	89478486
6	$\mathcal{O}(0; \{2, 3^{16}, 6^{15}\})$	715827882
6	$\mathcal{O}(0; \{2^{18}, 3^2, 6^{16}\})$	87382
6	$\mathcal{O}(0; \{2^{14}, 3^5, 6^{16}\})$	699050
6	$\mathcal{O}(0; \{2^{10}, 3^8, 6^{16}\})$	5592406
6	$\mathcal{O}(0; \{2^6, 3^{11}, 6^{16}\})$	44739242
6	$\mathcal{O}(0; \{2^2, 3^{14}, 6^{16}\})$	357913942
6	$\mathcal{O}(0; \{2^{19}, 6^{17}\})$	43690
6	$\mathcal{O}(0; \{2^{15}, 3^3, 6^{17}\})$	349526
6	$\mathcal{O}(0; \{2^{11}, 3^6, 6^{17}\})$	2796202
6	$\mathcal{O}(0; \{2^7, 3^9, 6^{17}\})$	22369622
6	$\mathcal{O}(0; \{2^3, 3^{12}, 6^{17}\})$	178956970
6	$\mathcal{O}(0; \{2^{16}, 3, 6^{18}\})$	174762
6	$\mathcal{O}(0; \{2^{12}, 3^4, 6^{18}\})$	1398102
6	$\mathcal{O}(0; \{2^8, 3^7, 6^{18}\})$	11184810
6	$\mathcal{O}(0; \{2^4, 3^{10}, 6^{18}\})$	89478486
6	$\mathcal{O}(0; \{3^{13}, 6^{18}\})$	715827882
6	$\mathcal{O}(0; \{2^{13}, 3^2, 6^{19}\})$	699050
6	$\mathcal{O}(0; \{2^9, 3^5, 6^{19}\})$	5592406
6	$\mathcal{O}(0; \{2^5, 3^8, 6^{19}\})$	44739242
6	$\mathcal{O}(0; \{2, 3^{11}, 6^{19}\})$	357913942
6	$\mathcal{O}(0; \{2^{14}, 6^{20}\})$	349526
6	$\mathcal{O}(0; \{2^{10}, 3^3, 6^{20}\})$	2796202
6	$\mathcal{O}(0; \{2^6, 3^6, 6^{20}\})$	22369622
6	$\mathcal{O}(0; \{2^2, 3^9, 6^{20}\})$	178956970
6	$\mathcal{O}(0; \{2^{11}, 3, 6^{21}\})$	1398102
6	$\mathcal{O}(0; \{2^7, 3^4, 6^{21}\})$	11184810
6	$\mathcal{O}(0; \{2^3, 3^7, 6^{21}\})$	89478486

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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	$\mathcal{O}(0; \{2^8, 3^2, 6^{22}\})$	5592406
6	$\mathcal{O}(0; \{2^4, 3^5, 6^{22}\})$	44739242
6	$\mathcal{O}(0; \{3^8, 6^{22}\})$	357913942
6	$\mathcal{O}(0; \{2^9, 6^{23}\})$	2796202
6	$\mathcal{O}(0; \{2^5, 3^3, 6^{23}\})$	22369622
6	$\mathcal{O}(0; \{2, 3^6, 6^{23}\})$	178956970
6	$\mathcal{O}(0; \{2^6, 3, 6^{24}\})$	11184810
6	$\mathcal{O}(0; \{2^2, 3^4, 6^{24}\})$	89478486
6	$\mathcal{O}(0; \{2^3, 3^2, 6^{25}\})$	44739242
6	$\mathcal{O}(0; \{2^4, 6^{26}\})$	22369622
6	$\mathcal{O}(0; \{3^3, 6^{26}\})$	178956970
6	$\mathcal{O}(0; \{2, 3, 6^{27}\})$	89478486
7	$\mathcal{O}(9; \{7^3\})$	48852407937313470
7	$\mathcal{O}(6; \{7^{10}\})$	119561398715705226
7	$\mathcal{O}(3; \{7^{17}\})$	284486365287577110
7	$\mathcal{O}(0; \{7^{24}\})$	676911619760230986
8	$\mathcal{O}(8; \{2, 8^2\})$	1125899906842624
8	$\mathcal{O}(7; \{2^5, 8^2\})$	17592186044416
8	$\mathcal{O}(7; \{2^2, 4^2, 8^2\})$	70368744177664
8	$\mathcal{O}(7; \{4, 8^4\})$	562949953421312
8	$\mathcal{O}(6; \{2^9, 8^2\})$	274877906944
8	$\mathcal{O}(6; \{2^6, 4^2, 8^2\})$	1099511627776
8	$\mathcal{O}(6; \{2^3, 4^4, 8^2\})$	4398046511104
8	$\mathcal{O}(6; \{4^6, 8^2\})$	17592186044416
8	$\mathcal{O}(6; \{2^4, 4, 8^4\})$	8796093022208
8	$\mathcal{O}(6; \{2, 4^3, 8^4\})$	35184372088832
8	$\mathcal{O}(6; \{2^2, 8^6\})$	70368744177664
8	$\mathcal{O}(5; \{2^{13}, 8^2\})$	4294967296
8	$\mathcal{O}(5; \{2^{10}, 4^2, 8^2\})$	17179869184
8	$\mathcal{O}(5; \{2^7, 4^4, 8^2\})$	68719476736
8	$\mathcal{O}(5; \{2^4, 4^6, 8^2\})$	274877906944
8	$\mathcal{O}(5; \{2, 4^8, 8^2\})$	1099511627776
8	$\mathcal{O}(5; \{2^8, 4, 8^4\})$	137438953472
8	$\mathcal{O}(5; \{2^5, 4^3, 8^4\})$	549755813888
8	$\mathcal{O}(5; \{2^2, 4^5, 8^4\})$	2199023255552
8	$\mathcal{O}(5; \{2^6, 8^6\})$	1099511627776
8	$\mathcal{O}(5; \{2^3, 4^2, 8^6\})$	4398046511104
8	$\mathcal{O}(5; \{4^4, 8^6\})$	17592186044416
8	$\mathcal{O}(5; \{2, 4, 8^8\})$	35184372088832
8	$\mathcal{O}(4; \{2^{17}, 8^2\})$	67108864
8	$\mathcal{O}(4; \{2^{14}, 4^2, 8^2\})$	268435456
8	$\mathcal{O}(4; \{2^{11}, 4^4, 8^2\})$	1073741824
8	$\mathcal{O}(4; \{2^8, 4^6, 8^2\})$	4294967296

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Table 6 – continued from previous page

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

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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	$\mathcal{O}(2; \{2^{25}, 8^2\})$	16384
8	$\mathcal{O}(2; \{2^{22}, 4^2, 8^2\})$	65536
8	$\mathcal{O}(2; \{2^{19}, 4^4, 8^2\})$	262144
8	$\mathcal{O}(2; \{2^{16}, 4^6, 8^2\})$	1048576
8	$\mathcal{O}(2; \{2^{13}, 4^8, 8^2\})$	4194304
8	$\mathcal{O}(2; \{2^{10}, 4^{10}, 8^2\})$	16777216
8	$\mathcal{O}(2; \{2^7, 4^{12}, 8^2\})$	67108864
8	$\mathcal{O}(2; \{2^4, 4^{14}, 8^2\})$	268435456
8	$\mathcal{O}(2; \{2, 4^{16}, 8^2\})$	1073741824
8	$\mathcal{O}(2; \{2^{20}, 4, 8^4\})$	524288
8	$\mathcal{O}(2; \{2^{17}, 4^3, 8^4\})$	2097152
8	$\mathcal{O}(2; \{2^{14}, 4^5, 8^4\})$	8388608
8	$\mathcal{O}(2; \{2^{11}, 4^7, 8^4\})$	33554432
8	$\mathcal{O}(2; \{2^8, 4^9, 8^4\})$	134217728
8	$\mathcal{O}(2; \{2^5, 4^{11}, 8^4\})$	536870912
8	$\mathcal{O}(2; \{2^2, 4^{13}, 8^4\})$	2147483648
8	$\mathcal{O}(2; \{2^{18}, 8^6\})$	4194304
8	$\mathcal{O}(2; \{2^{15}, 4^2, 8^6\})$	16777216
8	$\mathcal{O}(2; \{2^{12}, 4^4, 8^6\})$	67108864
8	$\mathcal{O}(2; \{2^9, 4^6, 8^6\})$	268435456
8	$\mathcal{O}(2; \{2^6, 4^8, 8^6\})$	1073741824
8	$\mathcal{O}(2; \{2^3, 4^{10}, 8^6\})$	4294967296
8	$\mathcal{O}(2; \{4^{12}, 8^6\})$	17179869184
8	$\mathcal{O}(2; \{2^{13}, 4, 8^8\})$	134217728
8	$\mathcal{O}(2; \{2^{10}, 4^3, 8^8\})$	536870912
8	$\mathcal{O}(2; \{2^7, 4^5, 8^8\})$	2147483648
8	$\mathcal{O}(2; \{2^4, 4^7, 8^8\})$	8589934592
8	$\mathcal{O}(2; \{2, 4^9, 8^8\})$	34359738368
8	$\mathcal{O}(2; \{2^{11}, 8^{10}\})$	1073741824
8	$\mathcal{O}(2; \{2^8, 4^2, 8^{10}\})$	4294967296
8	$\mathcal{O}(2; \{2^5, 4^4, 8^{10}\})$	17179869184
8	$\mathcal{O}(2; \{2^2, 4^6, 8^{10}\})$	68719476736
8	$\mathcal{O}(2; \{2^6, 4, 8^{12}\})$	34359738368
8	$\mathcal{O}(2; \{2^3, 4^3, 8^{12}\})$	137438953472
8	$\mathcal{O}(2; \{4^5, 8^{12}\})$	549755813888
8	$\mathcal{O}(2; \{2^4, 8^{14}\})$	274877906944
8	$\mathcal{O}(2; \{2, 4^2, 8^{14}\})$	1099511627776
8	$\mathcal{O}(1; \{2^{29}, 8^2\})$	256
8	$\mathcal{O}(1; \{2^{26}, 4^2, 8^2\})$	1024
8	$\mathcal{O}(1; \{2^{23}, 4^4, 8^2\})$	4096
8	$\mathcal{O}(1; \{2^{20}, 4^6, 8^2\})$	16384
8	$\mathcal{O}(1; \{2^{17}, 4^8, 8^2\})$	65536
8	$\mathcal{O}(1; \{2^{14}, 4^{10}, 8^2\})$	262144

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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	$\mathcal{O}(1; \{2^{11}, 4^{12}, 8^2\})$	1048576
8	$\mathcal{O}(1; \{2^8, 4^{14}, 8^2\})$	4194304
8	$\mathcal{O}(1; \{2^5, 4^{16}, 8^2\})$	16777216
8	$\mathcal{O}(1; \{2^2, 4^{18}, 8^2\})$	67108864
8	$\mathcal{O}(1; \{2^{24}, 4, 8^4\})$	8192
8	$\mathcal{O}(1; \{2^{21}, 4^3, 8^4\})$	32768
8	$\mathcal{O}(1; \{2^{18}, 4^5, 8^4\})$	131072
8	$\mathcal{O}(1; \{2^{15}, 4^7, 8^4\})$	524288
8	$\mathcal{O}(1; \{2^{12}, 4^9, 8^4\})$	2097152
8	$\mathcal{O}(1; \{2^9, 4^{11}, 8^4\})$	8388608
8	$\mathcal{O}(1; \{2^6, 4^{13}, 8^4\})$	33554432
8	$\mathcal{O}(1; \{2^3, 4^{15}, 8^4\})$	134217728
8	$\mathcal{O}(1; \{4^{17}, 8^4\})$	536870912
8	$\mathcal{O}(1; \{2^{22}, 8^6\})$	65536
8	$\mathcal{O}(1; \{2^{19}, 4^2, 8^6\})$	262144
8	$\mathcal{O}(1; \{2^{16}, 4^4, 8^6\})$	1048576
8	$\mathcal{O}(1; \{2^{13}, 4^6, 8^6\})$	4194304
8	$\mathcal{O}(1; \{2^{10}, 4^8, 8^6\})$	16777216
8	$\mathcal{O}(1; \{2^7, 4^{10}, 8^6\})$	67108864
8	$\mathcal{O}(1; \{2^4, 4^{12}, 8^6\})$	268435456
8	$\mathcal{O}(1; \{2, 4^{14}, 8^6\})$	1073741824
8	$\mathcal{O}(1; \{2^{17}, 4, 8^8\})$	2097152
8	$\mathcal{O}(1; \{2^{14}, 4^3, 8^8\})$	8388608
8	$\mathcal{O}(1; \{2^{11}, 4^5, 8^8\})$	33554432
8	$\mathcal{O}(1; \{2^8, 4^7, 8^8\})$	134217728
8	$\mathcal{O}(1; \{2^5, 4^9, 8^8\})$	536870912
8	$\mathcal{O}(1; \{2^2, 4^{11}, 8^8\})$	2147483648
8	$\mathcal{O}(1; \{2^{15}, 8^{10}\})$	16777216
8	$\mathcal{O}(1; \{2^{12}, 4^2, 8^{10}\})$	67108864
8	$\mathcal{O}(1; \{2^9, 4^4, 8^{10}\})$	268435456
8	$\mathcal{O}(1; \{2^6, 4^6, 8^{10}\})$	1073741824
8	$\mathcal{O}(1; \{2^3, 4^8, 8^{10}\})$	4294967296
8	$\mathcal{O}(1; \{4^{10}, 8^{10}\})$	17179869184
8	$\mathcal{O}(1; \{2^{10}, 4, 8^{12}\})$	536870912
8	$\mathcal{O}(1; \{2^7, 4^3, 8^{12}\})$	2147483648
8	$\mathcal{O}(1; \{2^4, 4^5, 8^{12}\})$	8589934592
8	$\mathcal{O}(1; \{2, 4^7, 8^{12}\})$	34359738368
8	$\mathcal{O}(1; \{2^8, 8^{14}\})$	4294967296
8	$\mathcal{O}(1; \{2^5, 4^2, 8^{14}\})$	17179869184
8	$\mathcal{O}(1; \{2^2, 4^4, 8^{14}\})$	68719476736
8	$\mathcal{O}(1; \{2^3, 4, 8^{16}\})$	137438953472
8	$\mathcal{O}(1; \{4^3, 8^{16}\})$	549755813888
8	$\mathcal{O}(1; \{2, 8^{18}\})$	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	$\mathcal{O}(0; \{2^{33}, 8^2\})$	4
8	$\mathcal{O}(0; \{2^{30}, 4^2, 8^2\})$	16
8	$\mathcal{O}(0; \{2^{27}, 4^4, 8^2\})$	64
8	$\mathcal{O}(0; \{2^{24}, 4^6, 8^2\})$	256
8	$\mathcal{O}(0; \{2^{21}, 4^8, 8^2\})$	1024
8	$\mathcal{O}(0; \{2^{18}, 4^{10}, 8^2\})$	4096
8	$\mathcal{O}(0; \{2^{15}, 4^{12}, 8^2\})$	16384
8	$\mathcal{O}(0; \{2^{12}, 4^{14}, 8^2\})$	65536
8	$\mathcal{O}(0; \{2^9, 4^{16}, 8^2\})$	262144
8	$\mathcal{O}(0; \{2^6, 4^{18}, 8^2\})$	1048576
8	$\mathcal{O}(0; \{2^3, 4^{20}, 8^2\})$	4194304
8	$\mathcal{O}(0; \{4^{22}, 8^2\})$	16777216
8	$\mathcal{O}(0; \{2^{28}, 4, 8^4\})$	128
8	$\mathcal{O}(0; \{2^{25}, 4^3, 8^4\})$	512
8	$\mathcal{O}(0; \{2^{22}, 4^5, 8^4\})$	2048
8	$\mathcal{O}(0; \{2^{19}, 4^7, 8^4\})$	8192
8	$\mathcal{O}(0; \{2^{16}, 4^9, 8^4\})$	32768
8	$\mathcal{O}(0; \{2^{13}, 4^{11}, 8^4\})$	131072
8	$\mathcal{O}(0; \{2^{10}, 4^{13}, 8^4\})$	524288
8	$\mathcal{O}(0; \{2^7, 4^{15}, 8^4\})$	2097152
8	$\mathcal{O}(0; \{2^4, 4^{17}, 8^4\})$	8388608
8	$\mathcal{O}(0; \{2, 4^{19}, 8^4\})$	33554432
8	$\mathcal{O}(0; \{2^{26}, 8^6\})$	1024
8	$\mathcal{O}(0; \{2^{23}, 4^2, 8^6\})$	4096
8	$\mathcal{O}(0; \{2^{20}, 4^4, 8^6\})$	16384
8	$\mathcal{O}(0; \{2^{17}, 4^6, 8^6\})$	65536
8	$\mathcal{O}(0; \{2^{14}, 4^8, 8^6\})$	262144
8	$\mathcal{O}(0; \{2^{11}, 4^{10}, 8^6\})$	1048576
8	$\mathcal{O}(0; \{2^8, 4^{12}, 8^6\})$	4194304
8	$\mathcal{O}(0; \{2^5, 4^{14}, 8^6\})$	16777216
8	$\mathcal{O}(0; \{2^2, 4^{16}, 8^6\})$	67108864
8	$\mathcal{O}(0; \{2^{21}, 4, 8^8\})$	32768
8	$\mathcal{O}(0; \{2^{18}, 4^3, 8^8\})$	131072
8	$\mathcal{O}(0; \{2^{15}, 4^5, 8^8\})$	524288
8	$\mathcal{O}(0; \{2^{12}, 4^7, 8^8\})$	2097152
8	$\mathcal{O}(0; \{2^9, 4^9, 8^8\})$	8388608
8	$\mathcal{O}(0; \{2^6, 4^{11}, 8^8\})$	33554432
8	$\mathcal{O}(0; \{2^3, 4^{13}, 8^8\})$	134217728
8	$\mathcal{O}(0; \{4^{15}, 8^8\})$	536870912
8	$\mathcal{O}(0; \{2^{19}, 8^{10}\})$	262144
8	$\mathcal{O}(0; \{2^{16}, 4^2, 8^{10}\})$	1048576
8	$\mathcal{O}(0; \{2^{13}, 4^4, 8^{10}\})$	4194304
8	$\mathcal{O}(0; \{2^{10}, 4^6, 8^{10}\})$	16777216

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^7, 4^8, 8^{10}\})$	67108864
8	$\mathcal{O}(0; \{2^4, 4^{10}, 8^{10}\})$	268435456
8	$\mathcal{O}(0; \{2, 4^{12}, 8^{10}\})$	1073741824
8	$\mathcal{O}(0; \{2^{14}, 4, 8^{12}\})$	8388608
8	$\mathcal{O}(0; \{2^{11}, 4^3, 8^{12}\})$	33554432
8	$\mathcal{O}(0; \{2^8, 4^5, 8^{12}\})$	134217728
8	$\mathcal{O}(0; \{2^5, 4^7, 8^{12}\})$	536870912
8	$\mathcal{O}(0; \{2^2, 4^9, 8^{12}\})$	2147483648
8	$\mathcal{O}(0; \{2^{12}, 8^{14}\})$	67108864
8	$\mathcal{O}(0; \{2^9, 4^2, 8^{14}\})$	268435456
8	$\mathcal{O}(0; \{2^6, 4^4, 8^{14}\})$	1073741824
8	$\mathcal{O}(0; \{2^3, 4^6, 8^{14}\})$	4294967296
8	$\mathcal{O}(0; \{4^8, 8^{14}\})$	17179869184
8	$\mathcal{O}(0; \{2^7, 4, 8^{16}\})$	2147483648
8	$\mathcal{O}(0; \{2^4, 4^3, 8^{16}\})$	8589934592
8	$\mathcal{O}(0; \{2, 4^5, 8^{16}\})$	34359738368
8	$\mathcal{O}(0; \{2^5, 8^{18}\})$	17179869184
8	$\mathcal{O}(0; \{2^2, 4^2, 8^{18}\})$	68719476736
8	$\mathcal{O}(0; \{4, 8^{20}\})$	549755813888
9	$\mathcal{O}(7; \{3, 9^2\})$	274521509459532
9	$\mathcal{O}(6; \{3^4, 9^2\})$	27113235502176
9	$\mathcal{O}(6; \{9^5\})$	228767924549610
9	$\mathcal{O}(5; \{3^7, 9^2\})$	2677850419968
9	$\mathcal{O}(5; \{3^3, 9^5\})$	22594362918480
9	$\mathcal{O}(4; \{3^{10}, 9^2\})$	264479053824
9	$\mathcal{O}(4; \{3^6, 9^5\})$	2231542016640
9	$\mathcal{O}(4; \{3^2, 9^8\})$	32385253516488
9	$\mathcal{O}(3; \{3^{13}, 9^2\})$	26121388032
9	$\mathcal{O}(3; \{3^9, 9^5\})$	220399211520
9	$\mathcal{O}(3; \{3^5, 9^8\})$	3198543557184
9	$\mathcal{O}(3; \{3, 9^{11}\})$	42803765306676
9	$\mathcal{O}(2; \{3^{16}, 9^2\})$	2579890176
9	$\mathcal{O}(2; \{3^{12}, 9^5\})$	21767823360
9	$\mathcal{O}(2; \{3^8, 9^8\})$	315905536512
9	$\mathcal{O}(2; \{3^4, 9^{11}\})$	4227532375968
9	$\mathcal{O}(2; \{9^{14}\})$	57134449194786
9	$\mathcal{O}(1; \{3^{19}, 9^2\})$	254803968
9	$\mathcal{O}(1; \{3^{15}, 9^5\})$	2149908480
9	$\mathcal{O}(1; \{3^{11}, 9^8\})$	31200546816
9	$\mathcal{O}(1; \{3^7, 9^{11}\})$	417534061824
9	$\mathcal{O}(1; \{3^3, 9^{14}\})$	5642908562448
9	$\mathcal{O}(0; \{3^{22}, 9^2\})$	25165824
9	$\mathcal{O}(0; \{3^{18}, 9^5\})$	212336640

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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	$\mathcal{O}(0; \{3^{14}, 9^8\})$	3081535488
9	$\mathcal{O}(0; \{3^{10}, 9^{11}\})$	41237932032
9	$\mathcal{O}(0; \{3^6, 9^{14}\})$	557324302464
9	$\mathcal{O}(0; \{3^2, 9^{17}\})$	7522844961960
10	$\mathcal{O}(7; \{2^2\})$	99999999983616
10	$\mathcal{O}(6; \{2^6\})$	9999999995904
10	$\mathcal{O}(6; \{2, 5^2, 10\})$	12000000000000
10	$\mathcal{O}(5; \{2^{10}\})$	9999998976
10	$\mathcal{O}(5; \{2^2, 5^5\})$	2040000000000
10	$\mathcal{O}(5; \{2^5, 5^2, 10\})$	1200000000000
10	$\mathcal{O}(5; \{5^4, 10^2\})$	8200000000000
10	$\mathcal{O}(5; \{2^3, 5, 10^3\})$	5200000000000
10	$\mathcal{O}(5; \{2, 10^5\})$	2040000000000
10	$\mathcal{O}(4; \{2^{14}\})$	99999744
10	$\mathcal{O}(4; \{2^6, 5^5\})$	20400000000
10	$\mathcal{O}(4; \{2^9, 5^2, 10\})$	1200000000
10	$\mathcal{O}(4; \{2, 5^7, 10\})$	1310800000000
10	$\mathcal{O}(4; \{2^4, 5^4, 10^2\})$	82000000000
10	$\mathcal{O}(4; \{2^7, 5, 10^3\})$	5200000000
10	$\mathcal{O}(4; \{2^2, 5^3, 10^4\})$	3276000000000
10	$\mathcal{O}(4; \{2^5, 10^5\})$	20400000000
10	$\mathcal{O}(4; \{5^2, 10^6\})$	1310800000000
10	$\mathcal{O}(3; \{2^{18}\})$	999936
10	$\mathcal{O}(3; \{2^{10}, 5^5\})$	204000000
10	$\mathcal{O}(3; \{2^2, 5^{10}\})$	209716000000
10	$\mathcal{O}(3; \{2^{13}, 5^2, 10\})$	12000000
10	$\mathcal{O}(3; \{2^5, 5^7, 10\})$	13108000000
10	$\mathcal{O}(3; \{2^8, 5^4, 10^2\})$	820000000
10	$\mathcal{O}(3; \{5^9, 10^2\})$	838860000000
10	$\mathcal{O}(3; \{2^{11}, 5, 10^3\})$	52000000
10	$\mathcal{O}(3; \{2^3, 5^6, 10^3\})$	52428000000
10	$\mathcal{O}(3; \{2^6, 5^3, 10^4\})$	3276000000
10	$\mathcal{O}(3; \{2^9, 10^5\})$	204000000
10	$\mathcal{O}(3; \{2, 5^5, 10^5\})$	209716000000
10	$\mathcal{O}(3; \{2^4, 5^2, 10^6\})$	13108000000
10	$\mathcal{O}(3; \{2^2, 5, 10^8\})$	52428000000
10	$\mathcal{O}(3; \{10^{10}\})$	209716000000
10	$\mathcal{O}(2; \{2^{22}\})$	9984
10	$\mathcal{O}(2; \{2^{14}, 5^5\})$	2040000
10	$\mathcal{O}(2; \{2^6, 5^{10}\})$	2097160000
10	$\mathcal{O}(2; \{2^{17}, 5^2, 10\})$	120000
10	$\mathcal{O}(2; \{2^9, 5^7, 10\})$	131080000
10	$\mathcal{O}(2; \{2, 5^{12}, 10\})$	134217720000

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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	$\mathcal{O}(2; \{2^{12}, 5^4, 10^2\})$	8200000
10	$\mathcal{O}(2; \{2^4, 5^9, 10^2\})$	8388600000
10	$\mathcal{O}(2; \{2^{15}, 5, 10^3\})$	520000
10	$\mathcal{O}(2; \{2^7, 5^6, 10^3\})$	524280000
10	$\mathcal{O}(2; \{2^{10}, 5^3, 10^4\})$	32760000
10	$\mathcal{O}(2; \{2^2, 5^8, 10^4\})$	33554440000
10	$\mathcal{O}(2; \{2^{13}, 10^5\})$	2040000
10	$\mathcal{O}(2; \{2^5, 5^5, 10^5\})$	2097160000
10	$\mathcal{O}(2; \{2^8, 5^2, 10^6\})$	131080000
10	$\mathcal{O}(2; \{5^7, 10^6\})$	134217720000
10	$\mathcal{O}(2; \{2^3, 5^4, 10^7\})$	8388600000
10	$\mathcal{O}(2; \{2^6, 5, 10^8\})$	524280000
10	$\mathcal{O}(2; \{2, 5^3, 10^9\})$	33554440000
10	$\mathcal{O}(2; \{2^4, 10^{10}\})$	2097160000
10	$\mathcal{O}(1; \{2^{26}\})$	96
10	$\mathcal{O}(1; \{2^{18}, 5^5\})$	20400
10	$\mathcal{O}(1; \{2^{10}, 5^{10}\})$	20971600
10	$\mathcal{O}(1; \{2^2, 5^{15}\})$	21474836400
10	$\mathcal{O}(1; \{2^{21}, 5^2, 10\})$	1200
10	$\mathcal{O}(1; \{2^{13}, 5^7, 10\})$	1310800
10	$\mathcal{O}(1; \{2^5, 5^{12}, 10\})$	1342177200
10	$\mathcal{O}(1; \{2^{16}, 5^4, 10^2\})$	82000
10	$\mathcal{O}(1; \{2^8, 5^9, 10^2\})$	83886000
10	$\mathcal{O}(1; \{5^{14}, 10^2\})$	85899346000
10	$\mathcal{O}(1; \{2^{19}, 5, 10^3\})$	5200
10	$\mathcal{O}(1; \{2^{11}, 5^6, 10^3\})$	5242800
10	$\mathcal{O}(1; \{2^3, 5^{11}, 10^3\})$	5368709200
10	$\mathcal{O}(1; \{2^{14}, 5^3, 10^4\})$	327600
10	$\mathcal{O}(1; \{2^6, 5^8, 10^4\})$	335544400
10	$\mathcal{O}(1; \{2^{17}, 10^5\})$	20400
10	$\mathcal{O}(1; \{2^9, 5^5, 10^5\})$	20971600
10	$\mathcal{O}(1; \{2, 5^{10}, 10^5\})$	21474836400
10	$\mathcal{O}(1; \{2^{12}, 5^2, 10^6\})$	1310800
10	$\mathcal{O}(1; \{2^4, 5^7, 10^6\})$	1342177200
10	$\mathcal{O}(1; \{2^7, 5^4, 10^7\})$	83886000
10	$\mathcal{O}(1; \{2^{10}, 5, 10^8\})$	5242800
10	$\mathcal{O}(1; \{2^2, 5^6, 10^8\})$	5368709200
10	$\mathcal{O}(1; \{2^5, 5^3, 10^9\})$	335544400
10	$\mathcal{O}(1; \{2^8, 10^{10}\})$	20971600
10	$\mathcal{O}(1; \{5^5, 10^{10}\})$	21474836400
10	$\mathcal{O}(1; \{2^3, 5^2, 10^{11}\})$	1342177200
10	$\mathcal{O}(1; \{2, 5, 10^{13}\})$	5368709200
10	$\mathcal{O}(0; \{2^{22}, 5^5\})$	204

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{2^{14}, 5^{10}\})$	209716
10	$\mathcal{O}(0; \{2^6, 5^{15}\})$	214748364
10	$\mathcal{O}(0; \{2^{25}, 5^2, 10\})$	12
10	$\mathcal{O}(0; \{2^{17}, 5^7, 10\})$	13108
10	$\mathcal{O}(0; \{2^9, 5^{12}, 10\})$	13421772
10	$\mathcal{O}(0; \{2, 5^{17}, 10\})$	13743895348
10	$\mathcal{O}(0; \{2^{20}, 5^4, 10^2\})$	820
10	$\mathcal{O}(0; \{2^{12}, 5^9, 10^2\})$	838860
10	$\mathcal{O}(0; \{2^4, 5^{14}, 10^2\})$	858993460
10	$\mathcal{O}(0; \{2^{23}, 5, 10^3\})$	52
10	$\mathcal{O}(0; \{2^{15}, 5^6, 10^3\})$	52428
10	$\mathcal{O}(0; \{2^7, 5^{11}, 10^3\})$	53687092
10	$\mathcal{O}(0; \{2^{18}, 5^3, 10^4\})$	3276
10	$\mathcal{O}(0; \{2^{10}, 5^8, 10^4\})$	3355444
10	$\mathcal{O}(0; \{2^2, 5^{13}, 10^4\})$	3435973836
10	$\mathcal{O}(0; \{2^{21}, 10^5\})$	204
10	$\mathcal{O}(0; \{2^{13}, 5^5, 10^5\})$	209716
10	$\mathcal{O}(0; \{2^5, 5^{10}, 10^5\})$	214748364
10	$\mathcal{O}(0; \{2^{16}, 5^2, 10^6\})$	13108
10	$\mathcal{O}(0; \{2^8, 5^7, 10^6\})$	13421772
10	$\mathcal{O}(0; \{5^{12}, 10^6\})$	13743895348
10	$\mathcal{O}(0; \{2^{11}, 5^4, 10^7\})$	838860
10	$\mathcal{O}(0; \{2^3, 5^9, 10^7\})$	858993460
10	$\mathcal{O}(0; \{2^{14}, 5, 10^8\})$	52428
10	$\mathcal{O}(0; \{2^6, 5^6, 10^8\})$	53687092
10	$\mathcal{O}(0; \{2^9, 5^3, 10^9\})$	3355444
10	$\mathcal{O}(0; \{2, 5^8, 10^9\})$	3435973836
10	$\mathcal{O}(0; \{2^{12}, 10^{10}\})$	209716
10	$\mathcal{O}(0; \{2^4, 5^5, 10^{10}\})$	214748364
10	$\mathcal{O}(0; \{2^7, 5^2, 10^{11}\})$	13421772
10	$\mathcal{O}(0; \{2^2, 5^4, 10^{12}\})$	858993460
10	$\mathcal{O}(0; \{2^5, 5, 10^{13}\})$	53687092
10	$\mathcal{O}(0; \{5^3, 10^{14}\})$	3435973836
10	$\mathcal{O}(0; \{2^3, 10^{15}\})$	214748364
11	$\mathcal{O}(6; \{11^2\})$	31384283767210
11	$\mathcal{O}(1; \{11^{13}\})$	109999999999890
12	$\mathcal{O}(5; \{3^2, 4^2\})$	247669456896
12	$\mathcal{O}(5; \{2, 3, 4, 12\})$	247669456896
12	$\mathcal{O}(5; \{2^2, 12^2\})$	247669456896
12	$\mathcal{O}(4; \{2^4, 3^2, 4^2\})$	1719926784
12	$\mathcal{O}(4; \{3^5, 4^2\})$	8599633920
12	$\mathcal{O}(4; \{2, 3^2, 4^4\})$	6879707136
12	$\mathcal{O}(4; \{2, 3^3, 4^2, 6\})$	5159780352

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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	$\mathcal{O}(4; \{2^2, 3, 4^2, 6^2\})$	1719926784
12	$\mathcal{O}(4; \{4^2, 6^4\})$	5159780352
12	$\mathcal{O}(4; \{2^5, 3, 4, 12\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^4, 4, 12\})$	8599633920
12	$\mathcal{O}(4; \{2^2, 3, 4^3, 12\})$	6879707136
12	$\mathcal{O}(4; \{2^2, 3^2, 4, 6, 12\})$	5159780352
12	$\mathcal{O}(4; \{2^3, 4, 6^2, 12\})$	1719926784
12	$\mathcal{O}(4; \{4^3, 6^2, 12\})$	6879707136
12	$\mathcal{O}(4; \{3, 4, 6^3, 12\})$	8599633920
12	$\mathcal{O}(4; \{2^6, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3^3, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{2^3, 4^2, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{4^4, 12^2\})$	27518828544
12	$\mathcal{O}(4; \{2^3, 3, 6, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{3, 4^2, 6, 12^2\})$	20639121408
12	$\mathcal{O}(4; \{3^2, 6^2, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2, 6^3, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{3^2, 4, 12^3\})$	34398535680
12	$\mathcal{O}(4; \{2, 4, 6, 12^3\})$	20639121408
12	$\mathcal{O}(4; \{2, 3, 12^4\})$	34398535680
12	$\mathcal{O}(3; \{2^8, 3^2, 4^2\})$	11943936
12	$\mathcal{O}(3; \{2^4, 3^5, 4^2\})$	59719680
12	$\mathcal{O}(3; \{3^8, 4^2\})$	513589248
12	$\mathcal{O}(3; \{2^5, 3^2, 4^4\})$	47775744
12	$\mathcal{O}(3; \{2, 3^5, 4^4\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3^2, 4^6\})$	191102976
12	$\mathcal{O}(3; \{2^5, 3^3, 4^2, 6\})$	35831808
12	$\mathcal{O}(3; \{2, 3^6, 4^2, 6\})$	250822656
12	$\mathcal{O}(3; \{2^2, 3^3, 4^4, 6\})$	143327232
12	$\mathcal{O}(3; \{2^6, 3, 4^2, 6^2\})$	11943936
12	$\mathcal{O}(3; \{2^2, 3^4, 4^2, 6^2\})$	131383296
12	$\mathcal{O}(3; \{2^3, 3, 4^4, 6^2\})$	47775744
12	$\mathcal{O}(3; \{3, 4^6, 6^2\})$	191102976
12	$\mathcal{O}(3; \{2^3, 3^2, 4^2, 6^3\})$	59719680
12	$\mathcal{O}(3; \{3^2, 4^4, 6^3\})$	238878720
12	$\mathcal{O}(3; \{2^4, 4^2, 6^4\})$	35831808
12	$\mathcal{O}(3; \{3^3, 4^2, 6^4\})$	250822656
12	$\mathcal{O}(3; \{2, 4^4, 6^4\})$	143327232
12	$\mathcal{O}(3; \{2, 3, 4^2, 6^5\})$	131383296
12	$\mathcal{O}(3; \{2^9, 3, 4, 12\})$	11943936
12	$\mathcal{O}(3; \{2^5, 3^4, 4, 12\})$	59719680
12	$\mathcal{O}(3; \{2, 3^7, 4, 12\})$	513589248
12	$\mathcal{O}(3; \{2^6, 3, 4^3, 12\})$	47775744

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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	$\mathcal{O}(3; \{2^2, 3^4, 4^3, 12\})$	238878720
12	$\mathcal{O}(3; \{2^3, 3, 4^5, 12\})$	191102976
12	$\mathcal{O}(3; \{3, 4^7, 12\})$	764411904
12	$\mathcal{O}(3; \{2^6, 3^2, 4, 6, 12\})$	35831808
12	$\mathcal{O}(3; \{2^2, 3^5, 4, 6, 12\})$	250822656
12	$\mathcal{O}(3; \{2^3, 3^2, 4^3, 6, 12\})$	143327232
12	$\mathcal{O}(3; \{3^2, 4^5, 6, 12\})$	573308928
12	$\mathcal{O}(3; \{2^7, 4, 6^2, 12\})$	11943936
12	$\mathcal{O}(3; \{2^3, 3^3, 4, 6^2, 12\})$	131383296
12	$\mathcal{O}(3; \{2^4, 4^3, 6^2, 12\})$	47775744
12	$\mathcal{O}(3; \{3^3, 4^3, 6^2, 12\})$	525533184
12	$\mathcal{O}(3; \{2, 4^5, 6^2, 12\})$	191102976
12	$\mathcal{O}(3; \{2^4, 3, 4, 6^3, 12\})$	59719680
12	$\mathcal{O}(3; \{3^4, 4, 6^3, 12\})$	513589248
12	$\mathcal{O}(3; \{2, 3, 4^3, 6^3, 12\})$	238878720
12	$\mathcal{O}(3; \{2, 3^2, 4, 6^4, 12\})$	250822656
12	$\mathcal{O}(3; \{2^2, 4, 6^5, 12\})$	131383296
12	$\mathcal{O}(3; \{2^{10}, 12^2\})$	11943936
12	$\mathcal{O}(3; \{2^6, 3^3, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^2, 3^6, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^7, 4^2, 12^2\})$	47775744
12	$\mathcal{O}(3; \{2^3, 3^3, 4^2, 12^2\})$	238878720
12	$\mathcal{O}(3; \{2^4, 4^4, 12^2\})$	191102976
12	$\mathcal{O}(3; \{3^3, 4^4, 12^2\})$	955514880
12	$\mathcal{O}(3; \{2, 4^6, 12^2\})$	764411904
12	$\mathcal{O}(3; \{2^7, 3, 6, 12^2\})$	35831808
12	$\mathcal{O}(3; \{2^3, 3^4, 6, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2^4, 3, 4^2, 6, 12^2\})$	143327232
12	$\mathcal{O}(3; \{3^4, 4^2, 6, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2, 3, 4^4, 6, 12^2\})$	573308928
12	$\mathcal{O}(3; \{2^4, 3^2, 6^2, 12^2\})$	131383296
12	$\mathcal{O}(3; \{3^5, 6^2, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2, 3^2, 4^2, 6^2, 12^2\})$	525533184
12	$\mathcal{O}(3; \{2^5, 6^3, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2, 3^3, 6^3, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^2, 4^2, 6^3, 12^2\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3, 6^4, 12^2\})$	250822656
12	$\mathcal{O}(3; \{6^6, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^4, 3^2, 4, 12^3\})$	238878720
12	$\mathcal{O}(3; \{3^5, 4, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2, 3^2, 4^3, 12^3\})$	955514880
12	$\mathcal{O}(3; \{2^5, 4, 6, 12^3\})$	143327232
12	$\mathcal{O}(3; \{2, 3^3, 4, 6, 12^3\})$	1003290624

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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	$\mathcal{O}(3; \{2^2, 4^3, 6, 12^3\})$	573308928
12	$\mathcal{O}(3; \{2^2, 3, 4, 6^2, 12^3\})$	525533184
12	$\mathcal{O}(3; \{4, 6^4, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{2^5, 3, 12^4\})$	238878720
12	$\mathcal{O}(3; \{2, 3^4, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2^2, 3, 4^2, 12^4\})$	955514880
12	$\mathcal{O}(3; \{2^2, 3^2, 6, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 6^2, 12^4\})$	525533184
12	$\mathcal{O}(3; \{4^2, 6^2, 12^4\})$	2102132736
12	$\mathcal{O}(3; \{3, 6^3, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2^3, 4, 12^5\})$	955514880
12	$\mathcal{O}(3; \{4^3, 12^5\})$	3822059520
12	$\mathcal{O}(3; \{3, 4, 6, 12^5\})$	4013162496
12	$\mathcal{O}(3; \{3^2, 12^6\})$	8217427968
12	$\mathcal{O}(3; \{2, 6, 12^6\})$	4013162496
12	$\mathcal{O}(2; \{2^{12}, 3^2, 4^2\})$	82944
12	$\mathcal{O}(2; \{2^8, 3^5, 4^2\})$	414720
12	$\mathcal{O}(2; \{2^4, 3^8, 4^2\})$	3566592
12	$\mathcal{O}(2; \{3^{11}, 4^2\})$	28283904
12	$\mathcal{O}(2; \{2^9, 3^2, 4^4\})$	331776
12	$\mathcal{O}(2; \{2^5, 3^5, 4^4\})$	1658880
12	$\mathcal{O}(2; \{2, 3^8, 4^4\})$	14266368
12	$\mathcal{O}(2; \{2^6, 3^2, 4^6\})$	1327104
12	$\mathcal{O}(2; \{2^2, 3^5, 4^6\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3^2, 4^8\})$	5308416
12	$\mathcal{O}(2; \{3^2, 4^{10}\})$	21233664
12	$\mathcal{O}(2; \{2^9, 3^3, 4^2, 6\})$	248832
12	$\mathcal{O}(2; \{2^5, 3^6, 4^2, 6\})$	1741824
12	$\mathcal{O}(2; \{2, 3^9, 4^2, 6\})$	14183424
12	$\mathcal{O}(2; \{2^6, 3^3, 4^4, 6\})$	995328
12	$\mathcal{O}(2; \{2^2, 3^6, 4^4, 6\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^3, 4^6, 6\})$	3981312
12	$\mathcal{O}(2; \{3^3, 4^8, 6\})$	15925248
12	$\mathcal{O}(2; \{2^{10}, 3, 4^2, 6^2\})$	82944
12	$\mathcal{O}(2; \{2^6, 3^4, 4^2, 6^2\})$	912384
12	$\mathcal{O}(2; \{2^2, 3^7, 4^2, 6^2\})$	7050240
12	$\mathcal{O}(2; \{2^7, 3, 4^4, 6^2\})$	331776
12	$\mathcal{O}(2; \{2^3, 3^4, 4^4, 6^2\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3, 4^6, 6^2\})$	1327104
12	$\mathcal{O}(2; \{3^4, 4^6, 6^2\})$	14598144
12	$\mathcal{O}(2; \{2, 3, 4^8, 6^2\})$	5308416
12	$\mathcal{O}(2; \{2^7, 3^2, 4^2, 6^3\})$	414720
12	$\mathcal{O}(2; \{2^3, 3^5, 4^2, 6^3\})$	3566592

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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	$\mathcal{O}(2; \{2^4, 3^2, 4^4, 6^3\})$	1658880
12	$\mathcal{O}(2; \{3^5, 4^4, 6^3\})$	14266368
12	$\mathcal{O}(2; \{2, 3^2, 4^6, 6^3\})$	6635520
12	$\mathcal{O}(2; \{2^8, 4^2, 6^4\})$	248832
12	$\mathcal{O}(2; \{2^4, 3^3, 4^2, 6^4\})$	1741824
12	$\mathcal{O}(2; \{3^6, 4^2, 6^4\})$	14183424
12	$\mathcal{O}(2; \{2^5, 4^4, 6^4\})$	995328
12	$\mathcal{O}(2; \{2, 3^3, 4^4, 6^4\})$	6967296
12	$\mathcal{O}(2; \{2^2, 4^6, 6^4\})$	3981312
12	$\mathcal{O}(2; \{2^5, 3, 4^2, 6^5\})$	912384
12	$\mathcal{O}(2; \{2, 3^4, 4^2, 6^5\})$	7050240
12	$\mathcal{O}(2; \{2^2, 3, 4^4, 6^5\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^2, 4^2, 6^6\})$	3566592
12	$\mathcal{O}(2; \{2^3, 4^2, 6^7\})$	1741824
12	$\mathcal{O}(2; \{4^4, 6^7\})$	6967296
12	$\mathcal{O}(2; \{3, 4^2, 6^8\})$	7050240
12	$\mathcal{O}(2; \{2^{13}, 3, 4, 12\})$	82944
12	$\mathcal{O}(2; \{2^9, 3^4, 4, 12\})$	414720
12	$\mathcal{O}(2; \{2^5, 3^7, 4, 12\})$	3566592
12	$\mathcal{O}(2; \{2, 3^{10}, 4, 12\})$	28283904
12	$\mathcal{O}(2; \{2^{10}, 3, 4^3, 12\})$	331776
12	$\mathcal{O}(2; \{2^6, 3^4, 4^3, 12\})$	1658880
12	$\mathcal{O}(2; \{2^2, 3^7, 4^3, 12\})$	14266368
12	$\mathcal{O}(2; \{2^7, 3, 4^5, 12\})$	1327104
12	$\mathcal{O}(2; \{2^3, 3^4, 4^5, 12\})$	6635520
12	$\mathcal{O}(2; \{2^4, 3, 4^7, 12\})$	5308416
12	$\mathcal{O}(2; \{3^4, 4^7, 12\})$	26542080
12	$\mathcal{O}(2; \{2, 3, 4^9, 12\})$	21233664
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4, 6, 12\})$	248832
12	$\mathcal{O}(2; \{2^6, 3^5, 4, 6, 12\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^8, 4, 6, 12\})$	14183424
12	$\mathcal{O}(2; \{2^7, 3^2, 4^3, 6, 12\})$	995328
12	$\mathcal{O}(2; \{2^3, 3^5, 4^3, 6, 12\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^2, 4^5, 6, 12\})$	3981312
12	$\mathcal{O}(2; \{3^5, 4^5, 6, 12\})$	27869184
12	$\mathcal{O}(2; \{2, 3^2, 4^7, 6, 12\})$	15925248
12	$\mathcal{O}(2; \{2^{11}, 4, 6^2, 12\})$	82944
12	$\mathcal{O}(2; \{2^7, 3^3, 4, 6^2, 12\})$	912384
12	$\mathcal{O}(2; \{2^3, 3^6, 4, 6^2, 12\})$	7050240
12	$\mathcal{O}(2; \{2^8, 4^3, 6^2, 12\})$	331776
12	$\mathcal{O}(2; \{2^4, 3^3, 4^3, 6^2, 12\})$	3649536
12	$\mathcal{O}(2; \{3^6, 4^3, 6^2, 12\})$	28200960
12	$\mathcal{O}(2; \{2^5, 4^5, 6^2, 12\})$	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	$\mathcal{O}(2; \{2, 3^3, 4^5, 6^2, 12\})$	14598144
12	$\mathcal{O}(2; \{2^2, 4^7, 6^2, 12\})$	5308416
12	$\mathcal{O}(2; \{2^8, 3, 4, 6^3, 12\})$	414720
12	$\mathcal{O}(2; \{2^4, 3^4, 4, 6^3, 12\})$	3566592
12	$\mathcal{O}(2; \{3^7, 4, 6^3, 12\})$	28283904
12	$\mathcal{O}(2; \{2^5, 3, 4^3, 6^3, 12\})$	1658880
12	$\mathcal{O}(2; \{2, 3^4, 4^3, 6^3, 12\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3, 4^5, 6^3, 12\})$	6635520
12	$\mathcal{O}(2; \{2^5, 3^2, 4, 6^4, 12\})$	1741824
12	$\mathcal{O}(2; \{2, 3^5, 4, 6^4, 12\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3^2, 4^3, 6^4, 12\})$	6967296
12	$\mathcal{O}(2; \{2^6, 4, 6^5, 12\})$	912384
12	$\mathcal{O}(2; \{2^2, 3^3, 4, 6^5, 12\})$	7050240
12	$\mathcal{O}(2; \{2^3, 4^3, 6^5, 12\})$	3649536
12	$\mathcal{O}(2; \{4^5, 6^5, 12\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3, 4, 6^6, 12\})$	3566592
12	$\mathcal{O}(2; \{3, 4^3, 6^6, 12\})$	14266368
12	$\mathcal{O}(2; \{3^2, 4, 6^7, 12\})$	14183424
12	$\mathcal{O}(2; \{2, 4, 6^8, 12\})$	7050240
12	$\mathcal{O}(2; \{2^{14}, 12^2\})$	82944
12	$\mathcal{O}(2; \{2^{10}, 3^3, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^6, 3^6, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^9, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^{11}, 4^2, 12^2\})$	331776
12	$\mathcal{O}(2; \{2^7, 3^3, 4^2, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^3, 3^6, 4^2, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^8, 4^4, 12^2\})$	1327104
12	$\mathcal{O}(2; \{2^4, 3^3, 4^4, 12^2\})$	6635520
12	$\mathcal{O}(2; \{3^6, 4^4, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^5, 4^6, 12^2\})$	5308416
12	$\mathcal{O}(2; \{2, 3^3, 4^6, 12^2\})$	26542080
12	$\mathcal{O}(2; \{2^2, 4^8, 12^2\})$	21233664
12	$\mathcal{O}(2; \{2^{11}, 3, 6, 12^2\})$	248832
12	$\mathcal{O}(2; \{2^7, 3^4, 6, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^7, 6, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^8, 3, 4^2, 6, 12^2\})$	995328
12	$\mathcal{O}(2; \{2^4, 3^4, 4^2, 6, 12^2\})$	6967296
12	$\mathcal{O}(2; \{3^7, 4^2, 6, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^5, 3, 4^4, 6, 12^2\})$	3981312
12	$\mathcal{O}(2; \{2, 3^4, 4^4, 6, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3, 4^6, 6, 12^2\})$	15925248
12	$\mathcal{O}(2; \{2^8, 3^2, 6^2, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^4, 3^5, 6^2, 12^2\})$	7050240

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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	$\mathcal{O}(2; \{3^8, 6^2, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^5, 3^2, 4^2, 6^2, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2, 3^5, 4^2, 6^2, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^2, 4^4, 6^2, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2^9, 6^3, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^5, 3^3, 6^3, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2, 3^6, 6^3, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^6, 4^2, 6^3, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^2, 3^3, 4^2, 6^3, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^3, 4^4, 6^3, 12^2\})$	6635520
12	$\mathcal{O}(2; \{4^6, 6^3, 12^2\})$	26542080
12	$\mathcal{O}(2; \{2^6, 3, 6^4, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^4, 6^4, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^3, 3, 4^2, 6^4, 12^2\})$	6967296
12	$\mathcal{O}(2; \{3, 4^4, 6^4, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^2, 6^5, 12^2\})$	7050240
12	$\mathcal{O}(2; \{3^2, 4^2, 6^5, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^4, 6^6, 12^2\})$	3566592
12	$\mathcal{O}(2; \{3^3, 6^6, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2, 4^2, 6^6, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2, 3, 6^7, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^8, 3^2, 4, 12^3\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3^5, 4, 12^3\})$	14266368
12	$\mathcal{O}(2; \{3^8, 4, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^5, 3^2, 4^3, 12^3\})$	6635520
12	$\mathcal{O}(2; \{2, 3^5, 4^3, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3^2, 4^5, 12^3\})$	26542080
12	$\mathcal{O}(2; \{2^9, 4, 6, 12^3\})$	995328
12	$\mathcal{O}(2; \{2^5, 3^3, 4, 6, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2, 3^6, 4, 6, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^6, 4^3, 6, 12^3\})$	3981312
12	$\mathcal{O}(2; \{2^2, 3^3, 4^3, 6, 12^3\})$	27869184
12	$\mathcal{O}(2; \{2^3, 4^5, 6, 12^3\})$	15925248
12	$\mathcal{O}(2; \{4^7, 6, 12^3\})$	63700992
12	$\mathcal{O}(2; \{2^6, 3, 4, 6^2, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^4, 4, 6^2, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2^3, 3, 4^3, 6^2, 12^3\})$	14598144
12	$\mathcal{O}(2; \{3, 4^5, 6^2, 12^3\})$	58392576
12	$\mathcal{O}(2; \{2^3, 3^2, 4, 6^3, 12^3\})$	14266368
12	$\mathcal{O}(2; \{3^2, 4^3, 6^3, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2^4, 4, 6^4, 12^3\})$	6967296
12	$\mathcal{O}(2; \{3^3, 4, 6^4, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2, 4^3, 6^4, 12^3\})$	27869184

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Table 6 – continued from previous page

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

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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	$\mathcal{O}(2; \{4^2, 12^8\})$	913047552
12	$\mathcal{O}(2; \{3, 6, 12^8\})$	907739136
12	$\mathcal{O}(1; \{2^{16}, 3^2, 4^2\})$	576
12	$\mathcal{O}(1; \{2^{12}, 3^5, 4^2\})$	2880
12	$\mathcal{O}(1; \{2^8, 3^8, 4^2\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^{11}, 4^2\})$	196416
12	$\mathcal{O}(1; \{3^{14}, 4^2\})$	1573056
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^4\})$	2304
12	$\mathcal{O}(1; \{2^9, 3^5, 4^4\})$	11520
12	$\mathcal{O}(1; \{2^5, 3^8, 4^4\})$	99072
12	$\mathcal{O}(1; \{2, 3^{11}, 4^4\})$	785664
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^6\})$	9216
12	$\mathcal{O}(1; \{2^6, 3^5, 4^6\})$	46080
12	$\mathcal{O}(1; \{2^2, 3^8, 4^6\})$	396288
12	$\mathcal{O}(1; \{2^7, 3^2, 4^8\})$	36864
12	$\mathcal{O}(1; \{2^3, 3^5, 4^8\})$	184320
12	$\mathcal{O}(1; \{2^4, 3^2, 4^{10}\})$	147456
12	$\mathcal{O}(1; \{3^5, 4^{10}\})$	737280
12	$\mathcal{O}(1; \{2, 3^2, 4^{12}\})$	589824
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4^2, 6\})$	1728
12	$\mathcal{O}(1; \{2^9, 3^6, 4^2, 6\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^9, 4^2, 6\})$	98496
12	$\mathcal{O}(1; \{2, 3^{12}, 4^2, 6\})$	786240
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^4, 6\})$	6912
12	$\mathcal{O}(1; \{2^6, 3^6, 4^4, 6\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^9, 4^4, 6\})$	393984
12	$\mathcal{O}(1; \{2^7, 3^3, 4^6, 6\})$	27648
12	$\mathcal{O}(1; \{2^3, 3^6, 4^6, 6\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^3, 4^8, 6\})$	110592
12	$\mathcal{O}(1; \{3^6, 4^8, 6\})$	774144
12	$\mathcal{O}(1; \{2, 3^3, 4^{10}, 6\})$	442368
12	$\mathcal{O}(1; \{2^{14}, 3, 4^2, 6^2\})$	576
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^2, 6^2\})$	6336
12	$\mathcal{O}(1; \{2^6, 3^7, 4^2, 6^2\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^2, 6^2\})$	393408
12	$\mathcal{O}(1; \{2^{11}, 3, 4^4, 6^2\})$	2304
12	$\mathcal{O}(1; \{2^7, 3^4, 4^4, 6^2\})$	25344
12	$\mathcal{O}(1; \{2^3, 3^7, 4^4, 6^2\})$	195840
12	$\mathcal{O}(1; \{2^8, 3, 4^6, 6^2\})$	9216
12	$\mathcal{O}(1; \{2^4, 3^4, 4^6, 6^2\})$	101376
12	$\mathcal{O}(1; \{3^7, 4^6, 6^2\})$	783360
12	$\mathcal{O}(1; \{2^5, 3, 4^8, 6^2\})$	36864
12	$\mathcal{O}(1; \{2, 3^4, 4^8, 6^2\})$	405504

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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	$\mathcal{O}(1; \{2^2, 3, 4^{10}, 6^2\})$	147456
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^2, 6^3\})$	2880
12	$\mathcal{O}(1; \{2^7, 3^5, 4^2, 6^3\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^8, 4^2, 6^3\})$	196416
12	$\mathcal{O}(1; \{2^8, 3^2, 4^4, 6^3\})$	11520
12	$\mathcal{O}(1; \{2^4, 3^5, 4^4, 6^3\})$	99072
12	$\mathcal{O}(1; \{3^8, 4^4, 6^3\})$	785664
12	$\mathcal{O}(1; \{2^5, 3^2, 4^6, 6^3\})$	46080
12	$\mathcal{O}(1; \{2, 3^5, 4^6, 6^3\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^2, 4^8, 6^3\})$	184320
12	$\mathcal{O}(1; \{2^{12}, 4^2, 6^4\})$	1728
12	$\mathcal{O}(1; \{2^8, 3^3, 4^2, 6^4\})$	12096
12	$\mathcal{O}(1; \{2^4, 3^6, 4^2, 6^4\})$	98496
12	$\mathcal{O}(1; \{3^9, 4^2, 6^4\})$	786240
12	$\mathcal{O}(1; \{2^9, 4^4, 6^4\})$	6912
12	$\mathcal{O}(1; \{2^5, 3^3, 4^4, 6^4\})$	48384
12	$\mathcal{O}(1; \{2, 3^6, 4^4, 6^4\})$	393984
12	$\mathcal{O}(1; \{2^6, 4^6, 6^4\})$	27648
12	$\mathcal{O}(1; \{2^2, 3^3, 4^6, 6^4\})$	193536
12	$\mathcal{O}(1; \{2^3, 4^8, 6^4\})$	110592
12	$\mathcal{O}(1; \{4^{10}, 6^4\})$	442368
12	$\mathcal{O}(1; \{2^9, 3, 4^2, 6^5\})$	6336
12	$\mathcal{O}(1; \{2^5, 3^4, 4^2, 6^5\})$	48960
12	$\mathcal{O}(1; \{2, 3^7, 4^2, 6^5\})$	393408
12	$\mathcal{O}(1; \{2^6, 3, 4^4, 6^5\})$	25344
12	$\mathcal{O}(1; \{2^2, 3^4, 4^4, 6^5\})$	195840
12	$\mathcal{O}(1; \{2^3, 3, 4^6, 6^5\})$	101376
12	$\mathcal{O}(1; \{3, 4^8, 6^5\})$	405504
12	$\mathcal{O}(1; \{2^6, 3^2, 4^2, 6^6\})$	24768
12	$\mathcal{O}(1; \{2^2, 3^5, 4^2, 6^6\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^2, 4^4, 6^6\})$	99072
12	$\mathcal{O}(1; \{3^2, 4^6, 6^6\})$	396288
12	$\mathcal{O}(1; \{2^7, 4^2, 6^7\})$	12096
12	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 6^7\})$	98496
12	$\mathcal{O}(1; \{2^4, 4^4, 6^7\})$	48384
12	$\mathcal{O}(1; \{3^3, 4^4, 6^7\})$	393984
12	$\mathcal{O}(1; \{2, 4^6, 6^7\})$	193536
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 6^8\})$	48960
12	$\mathcal{O}(1; \{3^4, 4^2, 6^8\})$	393408
12	$\mathcal{O}(1; \{2, 3, 4^4, 6^8\})$	195840
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^9\})$	196416
12	$\mathcal{O}(1; \{2^2, 4^2, 6^{10}\})$	98496
12	$\mathcal{O}(1; \{2^{17}, 3, 4, 12\})$	576

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{13}, 3^4, 4, 12\})$	2880
12	$\mathcal{O}(1; \{2^9, 3^7, 4, 12\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^{10}, 4, 12\})$	196416
12	$\mathcal{O}(1; \{2, 3^{13}, 4, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{14}, 3, 4^3, 12\})$	2304
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^3, 12\})$	11520
12	$\mathcal{O}(1; \{2^6, 3^7, 4^3, 12\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^3, 12\})$	785664
12	$\mathcal{O}(1; \{2^{11}, 3, 4^5, 12\})$	9216
12	$\mathcal{O}(1; \{2^7, 3^4, 4^5, 12\})$	46080
12	$\mathcal{O}(1; \{2^3, 3^7, 4^5, 12\})$	396288
12	$\mathcal{O}(1; \{2^8, 3, 4^7, 12\})$	36864
12	$\mathcal{O}(1; \{2^4, 3^4, 4^7, 12\})$	184320
12	$\mathcal{O}(1; \{3^7, 4^7, 12\})$	1585152
12	$\mathcal{O}(1; \{2^5, 3, 4^9, 12\})$	147456
12	$\mathcal{O}(1; \{2, 3^4, 4^9, 12\})$	737280
12	$\mathcal{O}(1; \{2^2, 3, 4^{11}, 12\})$	589824
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4, 6, 12\})$	1728
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4, 6, 12\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^8, 4, 6, 12\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4, 6, 12\})$	786240
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^3, 6, 12\})$	6912
12	$\mathcal{O}(1; \{2^7, 3^5, 4^3, 6, 12\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^8, 4^3, 6, 12\})$	393984
12	$\mathcal{O}(1; \{2^8, 3^2, 4^5, 6, 12\})$	27648
12	$\mathcal{O}(1; \{2^4, 3^5, 4^5, 6, 12\})$	193536
12	$\mathcal{O}(1; \{3^8, 4^5, 6, 12\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3^2, 4^7, 6, 12\})$	110592
12	$\mathcal{O}(1; \{2, 3^5, 4^7, 6, 12\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^2, 4^9, 6, 12\})$	442368
12	$\mathcal{O}(1; \{2^{15}, 4, 6^2, 12\})$	576
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4, 6^2, 12\})$	6336
12	$\mathcal{O}(1; \{2^7, 3^6, 4, 6^2, 12\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^9, 4, 6^2, 12\})$	393408
12	$\mathcal{O}(1; \{2^{12}, 4^3, 6^2, 12\})$	2304
12	$\mathcal{O}(1; \{2^8, 3^3, 4^3, 6^2, 12\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^6, 4^3, 6^2, 12\})$	195840
12	$\mathcal{O}(1; \{3^9, 4^3, 6^2, 12\})$	1573632
12	$\mathcal{O}(1; \{2^9, 4^5, 6^2, 12\})$	9216
12	$\mathcal{O}(1; \{2^5, 3^3, 4^5, 6^2, 12\})$	101376
12	$\mathcal{O}(1; \{2, 3^6, 4^5, 6^2, 12\})$	783360
12	$\mathcal{O}(1; \{2^6, 4^7, 6^2, 12\})$	36864
12	$\mathcal{O}(1; \{2^2, 3^3, 4^7, 6^2, 12\})$	405504

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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	$\mathcal{O}(1; \{2^3, 4^9, 6^2, 12\})$	147456
12	$\mathcal{O}(1; \{4^{11}, 6^2, 12\})$	589824
12	$\mathcal{O}(1; \{2^{12}, 3, 4, 6^3, 12\})$	2880
12	$\mathcal{O}(1; \{2^8, 3^4, 4, 6^3, 12\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^7, 4, 6^3, 12\})$	196416
12	$\mathcal{O}(1; \{3^{10}, 4, 6^3, 12\})$	1573056
12	$\mathcal{O}(1; \{2^9, 3, 4^3, 6^3, 12\})$	11520
12	$\mathcal{O}(1; \{2^5, 3^4, 4^3, 6^3, 12\})$	99072
12	$\mathcal{O}(1; \{2, 3^7, 4^3, 6^3, 12\})$	785664
12	$\mathcal{O}(1; \{2^6, 3, 4^5, 6^3, 12\})$	46080
12	$\mathcal{O}(1; \{2^2, 3^4, 4^5, 6^3, 12\})$	396288
12	$\mathcal{O}(1; \{2^3, 3, 4^7, 6^3, 12\})$	184320
12	$\mathcal{O}(1; \{3, 4^9, 6^3, 12\})$	737280
12	$\mathcal{O}(1; \{2^9, 3^2, 4, 6^4, 12\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^5, 4, 6^4, 12\})$	98496
12	$\mathcal{O}(1; \{2, 3^8, 4, 6^4, 12\})$	786240
12	$\mathcal{O}(1; \{2^6, 3^2, 4^3, 6^4, 12\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^5, 4^3, 6^4, 12\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^2, 4^5, 6^4, 12\})$	193536
12	$\mathcal{O}(1; \{3^2, 4^7, 6^4, 12\})$	774144
12	$\mathcal{O}(1; \{2^{10}, 4, 6^5, 12\})$	6336
12	$\mathcal{O}(1; \{2^6, 3^3, 4, 6^5, 12\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^6, 4, 6^5, 12\})$	393408
12	$\mathcal{O}(1; \{2^7, 4^3, 6^5, 12\})$	25344
12	$\mathcal{O}(1; \{2^3, 3^3, 4^3, 6^5, 12\})$	195840
12	$\mathcal{O}(1; \{2^4, 4^5, 6^5, 12\})$	101376
12	$\mathcal{O}(1; \{3^3, 4^5, 6^5, 12\})$	783360
12	$\mathcal{O}(1; \{2, 4^7, 6^5, 12\})$	405504
12	$\mathcal{O}(1; \{2^7, 3, 4, 6^6, 12\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^4, 4, 6^6, 12\})$	196416
12	$\mathcal{O}(1; \{2^4, 3, 4^3, 6^6, 12\})$	99072
12	$\mathcal{O}(1; \{3^4, 4^3, 6^6, 12\})$	785664
12	$\mathcal{O}(1; \{2, 3, 4^5, 6^6, 12\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 6^7, 12\})$	98496
12	$\mathcal{O}(1; \{3^5, 4, 6^7, 12\})$	786240
12	$\mathcal{O}(1; \{2, 3^2, 4^3, 6^7, 12\})$	393984
12	$\mathcal{O}(1; \{2^5, 4, 6^8, 12\})$	48960
12	$\mathcal{O}(1; \{2, 3^3, 4, 6^8, 12\})$	393408
12	$\mathcal{O}(1; \{2^2, 4^3, 6^8, 12\})$	195840
12	$\mathcal{O}(1; \{2^2, 3, 4, 6^9, 12\})$	196416
12	$\mathcal{O}(1; \{4, 6^{11}, 12\})$	393408
12	$\mathcal{O}(1; \{2^{18}, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{14}, 3^3, 12^2\})$	2880

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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	$\mathcal{O}(1; \{2^{10}, 3^6, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^9, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^{12}, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^{15}, 4^2, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^2, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^6, 4^2, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^9, 4^2, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^{12}, 4^4, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^8, 3^3, 4^4, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^6, 4^4, 12^2\})$	396288
12	$\mathcal{O}(1; \{3^9, 4^4, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^9, 4^6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^5, 3^3, 4^6, 12^2\})$	184320
12	$\mathcal{O}(1; \{2, 3^6, 4^6, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^6, 4^8, 12^2\})$	147456
12	$\mathcal{O}(1; \{2^2, 3^3, 4^8, 12^2\})$	737280
12	$\mathcal{O}(1; \{2^3, 4^{10}, 12^2\})$	589824
12	$\mathcal{O}(1; \{4^{12}, 12^2\})$	2359296
12	$\mathcal{O}(1; \{2^{15}, 3, 6, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{11}, 3^4, 6, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^7, 6, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^{10}, 6, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^{12}, 3, 4^2, 6, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^8, 3^4, 4^2, 6, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^7, 4^2, 6, 12^2\})$	393984
12	$\mathcal{O}(1; \{3^{10}, 4^2, 6, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^9, 3, 4^4, 6, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^5, 3^4, 4^4, 6, 12^2\})$	193536
12	$\mathcal{O}(1; \{2, 3^7, 4^4, 6, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^6, 3, 4^6, 6, 12^2\})$	110592
12	$\mathcal{O}(1; \{2^2, 3^4, 4^6, 6, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^3, 3, 4^8, 6, 12^2\})$	442368
12	$\mathcal{O}(1; \{3, 4^{10}, 6, 12^2\})$	1769472
12	$\mathcal{O}(1; \{2^{12}, 3^2, 6^2, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^5, 6^2, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^8, 6^2, 12^2\})$	393408
12	$\mathcal{O}(1; \{3^{11}, 6^2, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^9, 3^2, 4^2, 6^2, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^5, 4^2, 6^2, 12^2\})$	195840
12	$\mathcal{O}(1; \{2, 3^8, 4^2, 6^2, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^6, 3^2, 4^4, 6^2, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^5, 4^4, 6^2, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^2, 4^6, 6^2, 12^2\})$	405504

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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	$\mathcal{O}(1; \{3^2, 4^8, 6^2, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2^{13}, 6^3, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^9, 3^3, 6^3, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^6, 6^3, 12^2\})$	196416
12	$\mathcal{O}(1; \{2, 3^9, 6^3, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^{10}, 4^2, 6^3, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^6, 3^3, 4^2, 6^3, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^6, 4^2, 6^3, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^7, 4^4, 6^3, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^3, 3^3, 4^4, 6^3, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^4, 4^6, 6^3, 12^2\})$	184320
12	$\mathcal{O}(1; \{3^3, 4^6, 6^3, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2, 4^8, 6^3, 12^2\})$	737280
12	$\mathcal{O}(1; \{2^{10}, 3, 6^4, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^4, 6^4, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^7, 6^4, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^7, 3, 4^2, 6^4, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^4, 4^2, 6^4, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^4, 3, 4^4, 6^4, 12^2\})$	193536
12	$\mathcal{O}(1; \{3^4, 4^4, 6^4, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2, 3, 4^6, 6^4, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^7, 3^2, 6^5, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^5, 6^5, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 6^5, 12^2\})$	195840
12	$\mathcal{O}(1; \{3^5, 4^2, 6^5, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2, 3^2, 4^4, 6^5, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^8, 6^6, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^3, 6^6, 12^2\})$	196416
12	$\mathcal{O}(1; \{3^6, 6^6, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^5, 4^2, 6^6, 12^2\})$	99072
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 6^6, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^2, 4^4, 6^6, 12^2\})$	396288
12	$\mathcal{O}(1; \{2^5, 3, 6^7, 12^2\})$	98496
12	$\mathcal{O}(1; \{2, 3^4, 6^7, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^7, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^2, 6^8, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^3, 6^9, 12^2\})$	196416
12	$\mathcal{O}(1; \{4^2, 6^9, 12^2\})$	785664
12	$\mathcal{O}(1; \{3, 6^{10}, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^5, 4, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^8, 4, 12^3\})$	785664
12	$\mathcal{O}(1; \{3^{11}, 4, 12^3\})$	6292224

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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	$\mathcal{O}(1; \{2^9, 3^2, 4^3, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^5, 4^3, 12^3\})$	396288
12	$\mathcal{O}(1; \{2, 3^8, 4^3, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^6, 3^2, 4^5, 12^3\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^5, 4^5, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^2, 4^7, 12^3\})$	737280
12	$\mathcal{O}(1; \{3^2, 4^9, 12^3\})$	2949120
12	$\mathcal{O}(1; \{2^{13}, 4, 6, 12^3\})$	6912
12	$\mathcal{O}(1; \{2^9, 3^3, 4, 6, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^6, 4, 6, 12^3\})$	393984
12	$\mathcal{O}(1; \{2, 3^9, 4, 6, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^{10}, 4^3, 6, 12^3\})$	27648
12	$\mathcal{O}(1; \{2^6, 3^3, 4^3, 6, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^6, 4^3, 6, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^7, 4^5, 6, 12^3\})$	110592
12	$\mathcal{O}(1; \{2^3, 3^3, 4^5, 6, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^4, 4^7, 6, 12^3\})$	442368
12	$\mathcal{O}(1; \{3^3, 4^7, 6, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2, 4^9, 6, 12^3\})$	1769472
12	$\mathcal{O}(1; \{2^{10}, 3, 4, 6^2, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^4, 4, 6^2, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^7, 4, 6^2, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^7, 3, 4^3, 6^2, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^4, 4^3, 6^2, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^4, 3, 4^5, 6^2, 12^3\})$	405504
12	$\mathcal{O}(1; \{3^4, 4^5, 6^2, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2, 3, 4^7, 6^2, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2^7, 3^2, 4, 6^3, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^5, 4, 6^3, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^4, 3^2, 4^3, 6^3, 12^3\})$	396288
12	$\mathcal{O}(1; \{3^5, 4^3, 6^3, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2, 3^2, 4^5, 6^3, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^8, 4, 6^4, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^3, 4, 6^4, 12^3\})$	393984
12	$\mathcal{O}(1; \{3^6, 4, 6^4, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^5, 4^3, 6^4, 12^3\})$	193536
12	$\mathcal{O}(1; \{2, 3^3, 4^3, 6^4, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^2, 4^5, 6^4, 12^3\})$	774144
12	$\mathcal{O}(1; \{2^5, 3, 4, 6^5, 12^3\})$	195840
12	$\mathcal{O}(1; \{2, 3^4, 4, 6^5, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 6^5, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^6, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^3, 4, 6^7, 12^3\})$	393984

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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	$\mathcal{O}(1; \{4^3, 6^7, 12^3\})$	1575936
12	$\mathcal{O}(1; \{3, 4, 6^8, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^{13}, 3, 12^4\})$	11520
12	$\mathcal{O}(1; \{2^9, 3^4, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^7, 12^4\})$	785664
12	$\mathcal{O}(1; \{2, 3^{10}, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^{10}, 3, 4^2, 12^4\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^4, 4^2, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^7, 4^2, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^7, 3, 4^4, 12^4\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^4, 4^4, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3, 4^6, 12^4\})$	737280
12	$\mathcal{O}(1; \{3^4, 4^6, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2, 3, 4^8, 12^4\})$	2949120
12	$\mathcal{O}(1; \{2^{10}, 3^2, 6, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^5, 6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^8, 6, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^7, 3^2, 4^2, 6, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^5, 4^2, 6, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3^2, 4^4, 6, 12^4\})$	774144
12	$\mathcal{O}(1; \{3^5, 4^4, 6, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2, 3^2, 4^6, 6, 12^4\})$	3096576
12	$\mathcal{O}(1; \{2^{11}, 6^2, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^3, 6^2, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^6, 6^2, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^8, 4^2, 6^2, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^3, 4^2, 6^2, 12^4\})$	783360
12	$\mathcal{O}(1; \{3^6, 4^2, 6^2, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^5, 4^4, 6^2, 12^4\})$	405504
12	$\mathcal{O}(1; \{2, 3^3, 4^4, 6^2, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^2, 4^6, 6^2, 12^4\})$	1622016
12	$\mathcal{O}(1; \{2^8, 3, 6^3, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^4, 6^3, 12^4\})$	785664
12	$\mathcal{O}(1; \{3^7, 6^3, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 6^3, 12^4\})$	396288
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 6^3, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 6^3, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^5, 3^2, 6^4, 12^4\})$	393984
12	$\mathcal{O}(1; \{2, 3^5, 6^4, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^4, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^6, 6^5, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^3, 6^5, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^3, 4^2, 6^5, 12^4\})$	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	$\mathcal{O}(1; \{4^4, 6^5, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3, 6^6, 12^4\})$	785664
12	$\mathcal{O}(1; \{3, 4^2, 6^6, 12^4\})$	3142656
12	$\mathcal{O}(1; \{3^2, 6^7, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2, 6^8, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^{11}, 4, 12^5\})$	46080
12	$\mathcal{O}(1; \{2^7, 3^3, 4, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^6, 4, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^8, 4^3, 12^5\})$	184320
12	$\mathcal{O}(1; \{2^4, 3^3, 4^3, 12^5\})$	1585152
12	$\mathcal{O}(1; \{3^6, 4^3, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^5, 4^5, 12^5\})$	737280
12	$\mathcal{O}(1; \{2, 3^3, 4^5, 12^5\})$	6340608
12	$\mathcal{O}(1; \{2^2, 4^7, 12^5\})$	2949120
12	$\mathcal{O}(1; \{2^8, 3, 4, 6, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^4, 4, 6, 12^5\})$	1575936
12	$\mathcal{O}(1; \{3^7, 4, 6, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^5, 3, 4^3, 6, 12^5\})$	774144
12	$\mathcal{O}(1; \{2, 3^4, 4^3, 6, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3, 4^5, 6, 12^5\})$	3096576
12	$\mathcal{O}(1; \{2^5, 3^2, 4, 6^2, 12^5\})$	783360
12	$\mathcal{O}(1; \{2, 3^5, 4, 6^2, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 6^2, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2^6, 4, 6^3, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 6^3, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^3, 4^3, 6^3, 12^5\})$	1585152
12	$\mathcal{O}(1; \{4^5, 6^3, 12^5\})$	6340608
12	$\mathcal{O}(1; \{2^3, 3, 4, 6^4, 12^5\})$	1575936
12	$\mathcal{O}(1; \{3, 4^3, 6^4, 12^5\})$	6303744
12	$\mathcal{O}(1; \{3^2, 4, 6^5, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2, 4, 6^6, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^8, 3^2, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^5, 12^6\})$	3142656
12	$\mathcal{O}(1; \{3^8, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 12^6\})$	1585152
12	$\mathcal{O}(1; \{2, 3^5, 4^2, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 12^6\})$	6340608
12	$\mathcal{O}(1; \{2^9, 6, 12^6\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^3, 6, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2, 3^6, 6, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^6, 4^2, 6, 12^6\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2^3, 4^4, 6, 12^6\})$	3096576

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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	$\mathcal{O}(1; \{4^6, 6, 12^6\})$	12386304
12	$\mathcal{O}(1; \{2^6, 3, 6^2, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^4, 6^2, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^2, 12^6\})$	3133440
12	$\mathcal{O}(1; \{3, 4^4, 6^2, 12^6\})$	12533760
12	$\mathcal{O}(1; \{2^3, 3^2, 6^3, 12^6\})$	3142656
12	$\mathcal{O}(1; \{3^2, 4^2, 6^3, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2^4, 6^4, 12^6\})$	1575936
12	$\mathcal{O}(1; \{3^3, 6^4, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2, 4^2, 6^4, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2, 3, 6^5, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^6, 3, 4, 12^7\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^4, 4, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2^3, 3, 4^3, 12^7\})$	6340608
12	$\mathcal{O}(1; \{3, 4^5, 12^7\})$	25362432
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 6, 12^7\})$	6303744
12	$\mathcal{O}(1; \{3^2, 4^3, 6, 12^7\})$	25214976
12	$\mathcal{O}(1; \{2^4, 4, 6^2, 12^7\})$	3133440
12	$\mathcal{O}(1; \{3^3, 4, 6^2, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2, 4^3, 6^2, 12^7\})$	12533760
12	$\mathcal{O}(1; \{2, 3, 4, 6^3, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2^7, 12^8\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^3, 12^8\})$	12570624
12	$\mathcal{O}(1; \{2^4, 4^2, 12^8\})$	6340608
12	$\mathcal{O}(1; \{3^3, 4^2, 12^8\})$	50282496
12	$\mathcal{O}(1; \{2, 4^4, 12^8\})$	25362432
12	$\mathcal{O}(1; \{2^4, 3, 6, 12^8\})$	6303744
12	$\mathcal{O}(1; \{3^4, 6, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2, 3, 4^2, 6, 12^8\})$	25214976
12	$\mathcal{O}(1; \{2, 3^2, 6^2, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2^2, 6^3, 12^8\})$	12570624
12	$\mathcal{O}(1; \{2, 3^2, 4, 12^9\})$	50282496
12	$\mathcal{O}(1; \{2^2, 4, 6, 12^9\})$	25214976
12	$\mathcal{O}(1; \{2^2, 3, 12^{10}\})$	50282496
12	$\mathcal{O}(1; \{6^2, 12^{10}\})$	100712448
12	$\mathcal{O}(1; \{4, 12^{11}\})$	201129984
12	$\mathcal{O}(0; \{2^{20}, 3^2, 4^2\})$	4
12	$\mathcal{O}(0; \{2^{16}, 3^5, 4^2\})$	20
12	$\mathcal{O}(0; \{2^{12}, 3^8, 4^2\})$	172
12	$\mathcal{O}(0; \{2^8, 3^{11}, 4^2\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^{14}, 4^2\})$	10924
12	$\mathcal{O}(0; \{3^{17}, 4^2\})$	87380
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^4\})$	16

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^4\})$	80
12	$\mathcal{O}(0; \{2^9, 3^8, 4^4\})$	688
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^4\})$	5456
12	$\mathcal{O}(0; \{2, 3^{14}, 4^4\})$	43696
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^6\})$	64
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^6\})$	320
12	$\mathcal{O}(0; \{2^6, 3^8, 4^6\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^6\})$	21824
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^8\})$	256
12	$\mathcal{O}(0; \{2^7, 3^5, 4^8\})$	1280
12	$\mathcal{O}(0; \{2^3, 3^8, 4^8\})$	11008
12	$\mathcal{O}(0; \{2^8, 3^2, 4^{10}\})$	1024
12	$\mathcal{O}(0; \{2^4, 3^5, 4^{10}\})$	5120
12	$\mathcal{O}(0; \{3^8, 4^{10}\})$	44032
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{12}\})$	4096
12	$\mathcal{O}(0; \{2, 3^5, 4^{12}\})$	20480
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{14}\})$	16384
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4^2, 6\})$	12
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4^2, 6\})$	84
12	$\mathcal{O}(0; \{2^9, 3^9, 4^2, 6\})$	684
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4^2, 6\})$	5460
12	$\mathcal{O}(0; \{2, 3^{15}, 4^2, 6\})$	43692
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^4, 6\})$	48
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^4, 6\})$	336
12	$\mathcal{O}(0; \{2^6, 3^9, 4^4, 6\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^4, 6\})$	21840
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^6, 6\})$	192
12	$\mathcal{O}(0; \{2^7, 3^6, 4^6, 6\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^9, 4^6, 6\})$	10944
12	$\mathcal{O}(0; \{2^8, 3^3, 4^8, 6\})$	768
12	$\mathcal{O}(0; \{2^4, 3^6, 4^8, 6\})$	5376
12	$\mathcal{O}(0; \{3^9, 4^8, 6\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^3, 4^{10}, 6\})$	3072
12	$\mathcal{O}(0; \{2, 3^6, 4^{10}, 6\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{12}, 6\})$	12288
12	$\mathcal{O}(0; \{2^{18}, 3, 4^2, 6^2\})$	4
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^2, 6^2\})$	44
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^2, 6^2\})$	340
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^2, 6^2\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^2, 6^2\})$	21844
12	$\mathcal{O}(0; \{2^{15}, 3, 4^4, 6^2\})$	16
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^4, 6^2\})$	176
12	$\mathcal{O}(0; \{2^7, 3^7, 4^4, 6^2\})$	1360

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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	$\mathcal{O}(0; \{2^3, 3^{10}, 4^4, 6^2\})$	10928
12	$\mathcal{O}(0; \{2^{12}, 3, 4^6, 6^2\})$	64
12	$\mathcal{O}(0; \{2^8, 3^4, 4^6, 6^2\})$	704
12	$\mathcal{O}(0; \{2^4, 3^7, 4^6, 6^2\})$	5440
12	$\mathcal{O}(0; \{3^{10}, 4^6, 6^2\})$	43712
12	$\mathcal{O}(0; \{2^9, 3, 4^8, 6^2\})$	256
12	$\mathcal{O}(0; \{2^5, 3^4, 4^8, 6^2\})$	2816
12	$\mathcal{O}(0; \{2, 3^7, 4^8, 6^2\})$	21760
12	$\mathcal{O}(0; \{2^6, 3, 4^{10}, 6^2\})$	1024
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{10}, 6^2\})$	11264
12	$\mathcal{O}(0; \{2^3, 3, 4^{12}, 6^2\})$	4096
12	$\mathcal{O}(0; \{3, 4^{14}, 6^2\})$	16384
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^2, 6^3\})$	20
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^2, 6^3\})$	172
12	$\mathcal{O}(0; \{2^7, 3^8, 4^2, 6^3\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^2, 6^3\})$	10924
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^4, 6^3\})$	80
12	$\mathcal{O}(0; \{2^8, 3^5, 4^4, 6^3\})$	688
12	$\mathcal{O}(0; \{2^4, 3^8, 4^4, 6^3\})$	5456
12	$\mathcal{O}(0; \{3^{11}, 4^4, 6^3\})$	43696
12	$\mathcal{O}(0; \{2^9, 3^2, 4^6, 6^3\})$	320
12	$\mathcal{O}(0; \{2^5, 3^5, 4^6, 6^3\})$	2752
12	$\mathcal{O}(0; \{2, 3^8, 4^6, 6^3\})$	21824
12	$\mathcal{O}(0; \{2^6, 3^2, 4^8, 6^3\})$	1280
12	$\mathcal{O}(0; \{2^2, 3^5, 4^8, 6^3\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{10}, 6^3\})$	5120
12	$\mathcal{O}(0; \{3^2, 4^{12}, 6^3\})$	20480
12	$\mathcal{O}(0; \{2^{16}, 4^2, 6^4\})$	12
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^2, 6^4\})$	84
12	$\mathcal{O}(0; \{2^8, 3^6, 4^2, 6^4\})$	684
12	$\mathcal{O}(0; \{2^4, 3^9, 4^2, 6^4\})$	5460
12	$\mathcal{O}(0; \{3^{12}, 4^2, 6^4\})$	43692
12	$\mathcal{O}(0; \{2^{13}, 4^4, 6^4\})$	48
12	$\mathcal{O}(0; \{2^9, 3^3, 4^4, 6^4\})$	336
12	$\mathcal{O}(0; \{2^5, 3^6, 4^4, 6^4\})$	2736
12	$\mathcal{O}(0; \{2, 3^9, 4^4, 6^4\})$	21840
12	$\mathcal{O}(0; \{2^{10}, 4^6, 6^4\})$	192
12	$\mathcal{O}(0; \{2^6, 3^3, 4^6, 6^4\})$	1344
12	$\mathcal{O}(0; \{2^2, 3^6, 4^6, 6^4\})$	10944
12	$\mathcal{O}(0; \{2^7, 4^8, 6^4\})$	768
12	$\mathcal{O}(0; \{2^3, 3^3, 4^8, 6^4\})$	5376
12	$\mathcal{O}(0; \{2^4, 4^{10}, 6^4\})$	3072
12	$\mathcal{O}(0; \{3^3, 4^{10}, 6^4\})$	21504

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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	$\mathcal{O}(0; \{2, 4^{12}, 6^4\})$	12288
12	$\mathcal{O}(0; \{2^{13}, 3, 4^2, 6^5\})$	44
12	$\mathcal{O}(0; \{2^9, 3^4, 4^2, 6^5\})$	340
12	$\mathcal{O}(0; \{2^5, 3^7, 4^2, 6^5\})$	2732
12	$\mathcal{O}(0; \{2, 3^{10}, 4^2, 6^5\})$	21844
12	$\mathcal{O}(0; \{2^{10}, 3, 4^4, 6^5\})$	176
12	$\mathcal{O}(0; \{2^6, 3^4, 4^4, 6^5\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^7, 4^4, 6^5\})$	10928
12	$\mathcal{O}(0; \{2^7, 3, 4^6, 6^5\})$	704
12	$\mathcal{O}(0; \{2^3, 3^4, 4^6, 6^5\})$	5440
12	$\mathcal{O}(0; \{2^4, 3, 4^8, 6^5\})$	2816
12	$\mathcal{O}(0; \{3^4, 4^8, 6^5\})$	21760
12	$\mathcal{O}(0; \{2, 3, 4^{10}, 6^5\})$	11264
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^2, 6^6\})$	172
12	$\mathcal{O}(0; \{2^6, 3^5, 4^2, 6^6\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^8, 4^2, 6^6\})$	10924
12	$\mathcal{O}(0; \{2^7, 3^2, 4^4, 6^6\})$	688
12	$\mathcal{O}(0; \{2^3, 3^5, 4^4, 6^6\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^2, 4^6, 6^6\})$	2752
12	$\mathcal{O}(0; \{3^5, 4^6, 6^6\})$	21824
12	$\mathcal{O}(0; \{2, 3^2, 4^8, 6^6\})$	11008
12	$\mathcal{O}(0; \{2^{11}, 4^2, 6^7\})$	84
12	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 6^7\})$	684
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 6^7\})$	5460
12	$\mathcal{O}(0; \{2^8, 4^4, 6^7\})$	336
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 6^7\})$	2736
12	$\mathcal{O}(0; \{3^6, 4^4, 6^7\})$	21840
12	$\mathcal{O}(0; \{2^5, 4^6, 6^7\})$	1344
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 6^7\})$	10944
12	$\mathcal{O}(0; \{2^2, 4^8, 6^7\})$	5376
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6^8\})$	340
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6^8\})$	2732
12	$\mathcal{O}(0; \{3^7, 4^2, 6^8\})$	21844
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6^8\})$	1360
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6^8\})$	10928
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 6^8\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^9\})$	1364
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^9\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^9\})$	5456
12	$\mathcal{O}(0; \{2^6, 4^2, 6^{10}\})$	684
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^{10}\})$	5460
12	$\mathcal{O}(0; \{2^3, 4^4, 6^{10}\})$	2736
12	$\mathcal{O}(0; \{4^6, 6^{10}\})$	10944

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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	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^{11}\})$	2732
12	$\mathcal{O}(0; \{3, 4^4, 6^{11}\})$	10928
12	$\mathcal{O}(0; \{3^2, 4^2, 6^{12}\})$	10924
12	$\mathcal{O}(0; \{2, 4^2, 6^{13}\})$	5460
12	$\mathcal{O}(0; \{2^{21}, 3, 4, 12\})$	4
12	$\mathcal{O}(0; \{2^{17}, 3^4, 4, 12\})$	20
12	$\mathcal{O}(0; \{2^{13}, 3^7, 4, 12\})$	172
12	$\mathcal{O}(0; \{2^9, 3^{10}, 4, 12\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^{13}, 4, 12\})$	10924
12	$\mathcal{O}(0; \{2, 3^{16}, 4, 12\})$	87380
12	$\mathcal{O}(0; \{2^{18}, 3, 4^3, 12\})$	16
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^3, 12\})$	80
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^3, 12\})$	688
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^3, 12\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^3, 12\})$	43696
12	$\mathcal{O}(0; \{2^{15}, 3, 4^5, 12\})$	64
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^5, 12\})$	320
12	$\mathcal{O}(0; \{2^7, 3^7, 4^5, 12\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^5, 12\})$	21824
12	$\mathcal{O}(0; \{2^{12}, 3, 4^7, 12\})$	256
12	$\mathcal{O}(0; \{2^8, 3^4, 4^7, 12\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^7, 4^7, 12\})$	11008
12	$\mathcal{O}(0; \{3^{10}, 4^7, 12\})$	87296
12	$\mathcal{O}(0; \{2^9, 3, 4^9, 12\})$	1024
12	$\mathcal{O}(0; \{2^5, 3^4, 4^9, 12\})$	5120
12	$\mathcal{O}(0; \{2, 3^7, 4^9, 12\})$	44032
12	$\mathcal{O}(0; \{2^6, 3, 4^{11}, 12\})$	4096
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{11}, 12\})$	20480
12	$\mathcal{O}(0; \{2^3, 3, 4^{13}, 12\})$	16384
12	$\mathcal{O}(0; \{3, 4^{15}, 12\})$	65536
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4, 6, 12\})$	12
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4, 6, 12\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4, 6, 12\})$	684
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4, 6, 12\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4, 6, 12\})$	43692
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^3, 6, 12\})$	48
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^3, 6, 12\})$	336
12	$\mathcal{O}(0; \{2^7, 3^8, 4^3, 6, 12\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^3, 6, 12\})$	21840
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^5, 6, 12\})$	192
12	$\mathcal{O}(0; \{2^8, 3^5, 4^5, 6, 12\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^8, 4^5, 6, 12\})$	10944
12	$\mathcal{O}(0; \{3^{11}, 4^5, 6, 12\})$	87360

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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	$\mathcal{O}(0; \{2^9, 3^2, 4^7, 6, 12\})$	768
12	$\mathcal{O}(0; \{2^5, 3^5, 4^7, 6, 12\})$	5376
12	$\mathcal{O}(0; \{2, 3^8, 4^7, 6, 12\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^2, 4^9, 6, 12\})$	3072
12	$\mathcal{O}(0; \{2^2, 3^5, 4^9, 6, 12\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{11}, 6, 12\})$	12288
12	$\mathcal{O}(0; \{3^2, 4^{13}, 6, 12\})$	49152
12	$\mathcal{O}(0; \{2^{19}, 4, 6^2, 12\})$	4
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4, 6^2, 12\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4, 6^2, 12\})$	340
12	$\mathcal{O}(0; \{2^7, 3^9, 4, 6^2, 12\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4, 6^2, 12\})$	21844
12	$\mathcal{O}(0; \{2^{16}, 4^3, 6^2, 12\})$	16
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^3, 6^2, 12\})$	176
12	$\mathcal{O}(0; \{2^8, 3^6, 4^3, 6^2, 12\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^9, 4^3, 6^2, 12\})$	10928
12	$\mathcal{O}(0; \{3^{12}, 4^3, 6^2, 12\})$	87376
12	$\mathcal{O}(0; \{2^{13}, 4^5, 6^2, 12\})$	64
12	$\mathcal{O}(0; \{2^9, 3^3, 4^5, 6^2, 12\})$	704
12	$\mathcal{O}(0; \{2^5, 3^6, 4^5, 6^2, 12\})$	5440
12	$\mathcal{O}(0; \{2, 3^9, 4^5, 6^2, 12\})$	43712
12	$\mathcal{O}(0; \{2^{10}, 4^7, 6^2, 12\})$	256
12	$\mathcal{O}(0; \{2^6, 3^3, 4^7, 6^2, 12\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^6, 4^7, 6^2, 12\})$	21760
12	$\mathcal{O}(0; \{2^7, 4^9, 6^2, 12\})$	1024
12	$\mathcal{O}(0; \{2^3, 3^3, 4^9, 6^2, 12\})$	11264
12	$\mathcal{O}(0; \{2^4, 4^{11}, 6^2, 12\})$	4096
12	$\mathcal{O}(0; \{3^3, 4^{11}, 6^2, 12\})$	45056
12	$\mathcal{O}(0; \{2, 4^{13}, 6^2, 12\})$	16384
12	$\mathcal{O}(0; \{2^{16}, 3, 4, 6^3, 12\})$	20
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4, 6^3, 12\})$	172
12	$\mathcal{O}(0; \{2^8, 3^7, 4, 6^3, 12\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4, 6^3, 12\})$	10924
12	$\mathcal{O}(0; \{3^{13}, 4, 6^3, 12\})$	87380
12	$\mathcal{O}(0; \{2^{13}, 3, 4^3, 6^3, 12\})$	80
12	$\mathcal{O}(0; \{2^9, 3^4, 4^3, 6^3, 12\})$	688
12	$\mathcal{O}(0; \{2^5, 3^7, 4^3, 6^3, 12\})$	5456
12	$\mathcal{O}(0; \{2, 3^{10}, 4^3, 6^3, 12\})$	43696
12	$\mathcal{O}(0; \{2^{10}, 3, 4^5, 6^3, 12\})$	320
12	$\mathcal{O}(0; \{2^6, 3^4, 4^5, 6^3, 12\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^7, 4^5, 6^3, 12\})$	21824
12	$\mathcal{O}(0; \{2^7, 3, 4^7, 6^3, 12\})$	1280
12	$\mathcal{O}(0; \{2^3, 3^4, 4^7, 6^3, 12\})$	11008

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^4, 3, 4^9, 6^3, 12\})$	5120
12	$\mathcal{O}(0; \{3^4, 4^9, 6^3, 12\})$	44032
12	$\mathcal{O}(0; \{2, 3, 4^{11}, 6^3, 12\})$	20480
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4, 6^4, 12\})$	84
12	$\mathcal{O}(0; \{2^9, 3^5, 4, 6^4, 12\})$	684
12	$\mathcal{O}(0; \{2^5, 3^8, 4, 6^4, 12\})$	5460
12	$\mathcal{O}(0; \{2, 3^{11}, 4, 6^4, 12\})$	43692
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^3, 6^4, 12\})$	336
12	$\mathcal{O}(0; \{2^6, 3^5, 4^3, 6^4, 12\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^8, 4^3, 6^4, 12\})$	21840
12	$\mathcal{O}(0; \{2^7, 3^2, 4^5, 6^4, 12\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^5, 4^5, 6^4, 12\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^2, 4^7, 6^4, 12\})$	5376
12	$\mathcal{O}(0; \{3^5, 4^7, 6^4, 12\})$	43776
12	$\mathcal{O}(0; \{2, 3^2, 4^9, 6^4, 12\})$	21504
12	$\mathcal{O}(0; \{2^{14}, 4, 6^5, 12\})$	44
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4, 6^5, 12\})$	340
12	$\mathcal{O}(0; \{2^6, 3^6, 4, 6^5, 12\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^9, 4, 6^5, 12\})$	21844
12	$\mathcal{O}(0; \{2^{11}, 4^3, 6^5, 12\})$	176
12	$\mathcal{O}(0; \{2^7, 3^3, 4^3, 6^5, 12\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^6, 4^3, 6^5, 12\})$	10928
12	$\mathcal{O}(0; \{2^8, 4^5, 6^5, 12\})$	704
12	$\mathcal{O}(0; \{2^4, 3^3, 4^5, 6^5, 12\})$	5440
12	$\mathcal{O}(0; \{3^6, 4^5, 6^5, 12\})$	43712
12	$\mathcal{O}(0; \{2^5, 4^7, 6^5, 12\})$	2816
12	$\mathcal{O}(0; \{2, 3^3, 4^7, 6^5, 12\})$	21760
12	$\mathcal{O}(0; \{2^2, 4^9, 6^5, 12\})$	11264
12	$\mathcal{O}(0; \{2^{11}, 3, 4, 6^6, 12\})$	172
12	$\mathcal{O}(0; \{2^7, 3^4, 4, 6^6, 12\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^7, 4, 6^6, 12\})$	10924
12	$\mathcal{O}(0; \{2^8, 3, 4^3, 6^6, 12\})$	688
12	$\mathcal{O}(0; \{2^4, 3^4, 4^3, 6^6, 12\})$	5456
12	$\mathcal{O}(0; \{3^7, 4^3, 6^6, 12\})$	43696
12	$\mathcal{O}(0; \{2^5, 3, 4^5, 6^6, 12\})$	2752
12	$\mathcal{O}(0; \{2, 3^4, 4^5, 6^6, 12\})$	21824
12	$\mathcal{O}(0; \{2^2, 3, 4^7, 6^6, 12\})$	11008
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 6^7, 12\})$	684
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 6^7, 12\})$	5460
12	$\mathcal{O}(0; \{3^8, 4, 6^7, 12\})$	43692
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 6^7, 12\})$	2736
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 6^7, 12\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 6^7, 12\})$	10944

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^9, 4, 6^8, 12\})$	340
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6^8, 12\})$	2732
12	$\mathcal{O}(0; \{2, 3^6, 4, 6^8, 12\})$	21844
12	$\mathcal{O}(0; \{2^6, 4^3, 6^8, 12\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6^8, 12\})$	10928
12	$\mathcal{O}(0; \{2^3, 4^5, 6^8, 12\})$	5440
12	$\mathcal{O}(0; \{4^7, 6^8, 12\})$	21760
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^9, 12\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^9, 12\})$	10924
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^9, 12\})$	5456
12	$\mathcal{O}(0; \{3, 4^5, 6^9, 12\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^{10}, 12\})$	5460
12	$\mathcal{O}(0; \{3^2, 4^3, 6^{10}, 12\})$	21840
12	$\mathcal{O}(0; \{2^4, 4, 6^{11}, 12\})$	2732
12	$\mathcal{O}(0; \{3^3, 4, 6^{11}, 12\})$	21844
12	$\mathcal{O}(0; \{2, 4^3, 6^{11}, 12\})$	10928
12	$\mathcal{O}(0; \{2, 3, 4, 6^{12}, 12\})$	10924
12	$\mathcal{O}(0; \{2^{22}, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{18}, 3^3, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{14}, 3^6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^9, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^{12}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{15}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{19}, 4^2, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^2, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^2, 12^2\})$	688
12	$\mathcal{O}(0; \{2^7, 3^9, 4^2, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^2, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^{16}, 4^4, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^4, 12^2\})$	320
12	$\mathcal{O}(0; \{2^8, 3^6, 4^4, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^9, 4^4, 12^2\})$	21824
12	$\mathcal{O}(0; \{3^{12}, 4^4, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^{13}, 4^6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^9, 3^3, 4^6, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^6, 4^6, 12^2\})$	11008
12	$\mathcal{O}(0; \{2, 3^9, 4^6, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^{10}, 4^8, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^6, 3^3, 4^8, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^6, 4^8, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^7, 4^{10}, 12^2\})$	4096
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{10}, 12^2\})$	20480
12	$\mathcal{O}(0; \{2^4, 4^{12}, 12^2\})$	16384

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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	$\mathcal{O}(0; \{3^3, 4^{12}, 12^2\})$	81920
12	$\mathcal{O}(0; \{2, 4^{14}, 12^2\})$	65536
12	$\mathcal{O}(0; \{2^{19}, 3, 6, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{15}, 3^4, 6, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^7, 6, 12^2\})$	684
12	$\mathcal{O}(0; \{2^7, 3^{10}, 6, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{13}, 6, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{16}, 3, 4^2, 6, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^2, 6, 12^2\})$	336
12	$\mathcal{O}(0; \{2^8, 3^7, 4^2, 6, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^2, 6, 12^2\})$	21840
12	$\mathcal{O}(0; \{3^{13}, 4^2, 6, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{13}, 3, 4^4, 6, 12^2\})$	192
12	$\mathcal{O}(0; \{2^9, 3^4, 4^4, 6, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^7, 4^4, 6, 12^2\})$	10944
12	$\mathcal{O}(0; \{2, 3^{10}, 4^4, 6, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^{10}, 3, 4^6, 6, 12^2\})$	768
12	$\mathcal{O}(0; \{2^6, 3^4, 4^6, 6, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^7, 4^6, 6, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^7, 3, 4^8, 6, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^3, 3^4, 4^8, 6, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^4, 3, 4^{10}, 6, 12^2\})$	12288
12	$\mathcal{O}(0; \{3^4, 4^{10}, 6, 12^2\})$	86016
12	$\mathcal{O}(0; \{2, 3, 4^{12}, 6, 12^2\})$	49152
12	$\mathcal{O}(0; \{2^{16}, 3^2, 6^2, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^5, 6^2, 12^2\})$	340
12	$\mathcal{O}(0; \{2^8, 3^8, 6^2, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^{11}, 6^2, 12^2\})$	21844
12	$\mathcal{O}(0; \{3^{14}, 6^2, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^2, 6^2, 12^2\})$	176
12	$\mathcal{O}(0; \{2^9, 3^5, 4^2, 6^2, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^8, 4^2, 6^2, 12^2\})$	10928
12	$\mathcal{O}(0; \{2, 3^{11}, 4^2, 6^2, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^4, 6^2, 12^2\})$	704
12	$\mathcal{O}(0; \{2^6, 3^5, 4^4, 6^2, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^8, 4^4, 6^2, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^7, 3^2, 4^6, 6^2, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^5, 4^6, 6^2, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^2, 4^8, 6^2, 12^2\})$	11264
12	$\mathcal{O}(0; \{3^5, 4^8, 6^2, 12^2\})$	87040
12	$\mathcal{O}(0; \{2, 3^2, 4^{10}, 6^2, 12^2\})$	45056
12	$\mathcal{O}(0; \{2^{17}, 6^3, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{13}, 3^3, 6^3, 12^2\})$	172

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^9, 3^6, 6^3, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^9, 6^3, 12^2\})$	10924
12	$\mathcal{O}(0; \{2, 3^{12}, 6^3, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{14}, 4^2, 6^3, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^2, 6^3, 12^2\})$	688
12	$\mathcal{O}(0; \{2^6, 3^6, 4^2, 6^3, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^9, 4^2, 6^3, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^{11}, 4^4, 6^3, 12^2\})$	320
12	$\mathcal{O}(0; \{2^7, 3^3, 4^4, 6^3, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^6, 4^4, 6^3, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^8, 4^6, 6^3, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^3, 4^6, 6^3, 12^2\})$	11008
12	$\mathcal{O}(0; \{3^6, 4^6, 6^3, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^5, 4^8, 6^3, 12^2\})$	5120
12	$\mathcal{O}(0; \{2, 3^3, 4^8, 6^3, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^2, 4^{10}, 6^3, 12^2\})$	20480
12	$\mathcal{O}(0; \{2^{14}, 3, 6^4, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^4, 6^4, 12^2\})$	684
12	$\mathcal{O}(0; \{2^6, 3^7, 6^4, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{10}, 6^4, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{11}, 3, 4^2, 6^4, 12^2\})$	336
12	$\mathcal{O}(0; \{2^7, 3^4, 4^2, 6^4, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^7, 4^2, 6^4, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^8, 3, 4^4, 6^4, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^4, 4^4, 6^4, 12^2\})$	10944
12	$\mathcal{O}(0; \{3^7, 4^4, 6^4, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^5, 3, 4^6, 6^4, 12^2\})$	5376
12	$\mathcal{O}(0; \{2, 3^4, 4^6, 6^4, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^2, 3, 4^8, 6^4, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^{11}, 3^2, 6^5, 12^2\})$	340
12	$\mathcal{O}(0; \{2^7, 3^5, 6^5, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^8, 6^5, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 6^5, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 6^5, 12^2\})$	10928
12	$\mathcal{O}(0; \{3^8, 4^2, 6^5, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 6^5, 12^2\})$	5440
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 6^5, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 6^5, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^{12}, 6^6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^8, 3^3, 6^6, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^6, 6^6, 12^2\})$	10924
12	$\mathcal{O}(0; \{3^9, 6^6, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^9, 4^2, 6^6, 12^2\})$	688

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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	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6^6, 12^2\})$	5456
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6^6, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^6, 4^4, 6^6, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6^6, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^3, 4^6, 6^6, 12^2\})$	11008
12	$\mathcal{O}(0; \{4^8, 6^6, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^9, 3, 6^7, 12^2\})$	684
12	$\mathcal{O}(0; \{2^5, 3^4, 6^7, 12^2\})$	5460
12	$\mathcal{O}(0; \{2, 3^7, 6^7, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^7, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^7, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^7, 12^2\})$	10944
12	$\mathcal{O}(0; \{3, 4^6, 6^7, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^2, 6^8, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^5, 6^8, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^8, 12^2\})$	10928
12	$\mathcal{O}(0; \{3^2, 4^4, 6^8, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^7, 6^9, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^3, 6^9, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^4, 4^2, 6^9, 12^2\})$	5456
12	$\mathcal{O}(0; \{3^3, 4^2, 6^9, 12^2\})$	43696
12	$\mathcal{O}(0; \{2, 4^4, 6^9, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^4, 3, 6^{10}, 12^2\})$	5460
12	$\mathcal{O}(0; \{3^4, 6^{10}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^{10}, 12^2\})$	21840
12	$\mathcal{O}(0; \{2, 3^2, 6^{11}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^2, 6^{12}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4, 12^3\})$	688
12	$\mathcal{O}(0; \{2^8, 3^8, 4, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4, 12^3\})$	43696
12	$\mathcal{O}(0; \{3^{14}, 4, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^3, 12^3\})$	320
12	$\mathcal{O}(0; \{2^9, 3^5, 4^3, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^8, 4^3, 12^3\})$	21824
12	$\mathcal{O}(0; \{2, 3^{11}, 4^3, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^5, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^5, 4^5, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^8, 4^5, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^7, 3^2, 4^7, 12^3\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^5, 4^7, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^2, 4^9, 12^3\})$	20480
12	$\mathcal{O}(0; \{3^5, 4^9, 12^3\})$	176128

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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	$\mathcal{O}(0; \{2, 3^2, 4^{11}, 12^3\})$	81920
12	$\mathcal{O}(0; \{2^{17}, 4, 6, 12^3\})$	48
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4, 6, 12^3\})$	336
12	$\mathcal{O}(0; \{2^9, 3^6, 4, 6, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^9, 4, 6, 12^3\})$	21840
12	$\mathcal{O}(0; \{2, 3^{12}, 4, 6, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{14}, 4^3, 6, 12^3\})$	192
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^3, 6, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^6, 4^3, 6, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^9, 4^3, 6, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^{11}, 4^5, 6, 12^3\})$	768
12	$\mathcal{O}(0; \{2^7, 3^3, 4^5, 6, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^6, 4^5, 6, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^8, 4^7, 6, 12^3\})$	3072
12	$\mathcal{O}(0; \{2^4, 3^3, 4^7, 6, 12^3\})$	21504
12	$\mathcal{O}(0; \{3^6, 4^7, 6, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^5, 4^9, 6, 12^3\})$	12288
12	$\mathcal{O}(0; \{2, 3^3, 4^9, 6, 12^3\})$	86016
12	$\mathcal{O}(0; \{2^2, 4^{11}, 6, 12^3\})$	49152
12	$\mathcal{O}(0; \{2^{14}, 3, 4, 6^2, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4, 6^2, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^7, 4, 6^2, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4, 6^2, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^{11}, 3, 4^3, 6^2, 12^3\})$	704
12	$\mathcal{O}(0; \{2^7, 3^4, 4^3, 6^2, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^7, 4^3, 6^2, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^8, 3, 4^5, 6^2, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^4, 4^5, 6^2, 12^3\})$	21760
12	$\mathcal{O}(0; \{3^7, 4^5, 6^2, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^5, 3, 4^7, 6^2, 12^3\})$	11264
12	$\mathcal{O}(0; \{2, 3^4, 4^7, 6^2, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^2, 3, 4^9, 6^2, 12^3\})$	45056
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4, 6^3, 12^3\})$	688
12	$\mathcal{O}(0; \{2^7, 3^5, 4, 6^3, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^8, 4, 6^3, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^8, 3^2, 4^3, 6^3, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^5, 4^3, 6^3, 12^3\})$	21824
12	$\mathcal{O}(0; \{3^8, 4^3, 6^3, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^5, 3^2, 4^5, 6^3, 12^3\})$	11008
12	$\mathcal{O}(0; \{2, 3^5, 4^5, 6^3, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^2, 4^7, 6^3, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^{12}, 4, 6^4, 12^3\})$	336
12	$\mathcal{O}(0; \{2^8, 3^3, 4, 6^4, 12^3\})$	2736

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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	$\mathcal{O}(0; \{2^4, 3^6, 4, 6^4, 12^3\})$	21840
12	$\mathcal{O}(0; \{3^9, 4, 6^4, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^9, 4^3, 6^4, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 6^4, 12^3\})$	10944
12	$\mathcal{O}(0; \{2, 3^6, 4^3, 6^4, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^6, 4^5, 6^4, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 6^4, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^3, 4^7, 6^4, 12^3\})$	21504
12	$\mathcal{O}(0; \{4^9, 6^4, 12^3\})$	86016
12	$\mathcal{O}(0; \{2^9, 3, 4, 6^5, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 6^5, 12^3\})$	10928
12	$\mathcal{O}(0; \{2, 3^7, 4, 6^5, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 6^5, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6^5, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 6^5, 12^3\})$	21760
12	$\mathcal{O}(0; \{3, 4^7, 6^5, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^6, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^6, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^6, 12^3\})$	21824
12	$\mathcal{O}(0; \{3^2, 4^5, 6^6, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^7, 4, 6^7, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^7, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^4, 4^3, 6^7, 12^3\})$	10944
12	$\mathcal{O}(0; \{3^3, 4^3, 6^7, 12^3\})$	87360
12	$\mathcal{O}(0; \{2, 4^5, 6^7, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^8, 12^3\})$	10928
12	$\mathcal{O}(0; \{3^4, 4, 6^8, 12^3\})$	87376
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^8, 12^3\})$	43712
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^9, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^2, 4, 6^{10}, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^{17}, 3, 12^4\})$	80
12	$\mathcal{O}(0; \{2^{13}, 3^4, 12^4\})$	688
12	$\mathcal{O}(0; \{2^9, 3^7, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^{10}, 12^4\})$	43696
12	$\mathcal{O}(0; \{2, 3^{13}, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{14}, 3, 4^2, 12^4\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^2, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^7, 4^2, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^2, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^{11}, 3, 4^4, 12^4\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^4, 4^4, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^7, 4^4, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^8, 3, 4^6, 12^4\})$	5120

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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	$\mathcal{O}(0; \{2^4, 3^4, 4^6, 12^4\})$	44032
12	$\mathcal{O}(0; \{3^7, 4^6, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^5, 3, 4^8, 12^4\})$	20480
12	$\mathcal{O}(0; \{2, 3^4, 4^8, 12^4\})$	176128
12	$\mathcal{O}(0; \{2^2, 3, 4^{10}, 12^4\})$	81920
12	$\mathcal{O}(0; \{2^{14}, 3^2, 6, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^5, 6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^8, 6, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{11}, 6, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^2, 6, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^5, 4^2, 6, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^8, 4^2, 6, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^8, 3^2, 4^4, 6, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^5, 4^4, 6, 12^4\})$	43776
12	$\mathcal{O}(0; \{3^8, 4^4, 6, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^5, 3^2, 4^6, 6, 12^4\})$	21504
12	$\mathcal{O}(0; \{2, 3^5, 4^6, 6, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^2, 4^8, 6, 12^4\})$	86016
12	$\mathcal{O}(0; \{2^{15}, 6^2, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^3, 6^2, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^6, 6^2, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^9, 6^2, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^{12}, 4^2, 6^2, 12^4\})$	704
12	$\mathcal{O}(0; \{2^8, 3^3, 4^2, 6^2, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^6, 4^2, 6^2, 12^4\})$	43712
12	$\mathcal{O}(0; \{3^9, 4^2, 6^2, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^9, 4^4, 6^2, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^3, 4^4, 6^2, 12^4\})$	21760
12	$\mathcal{O}(0; \{2, 3^6, 4^4, 6^2, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^6, 4^6, 6^2, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^3, 4^6, 6^2, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^3, 4^8, 6^2, 12^4\})$	45056
12	$\mathcal{O}(0; \{4^{10}, 6^2, 12^4\})$	180224
12	$\mathcal{O}(0; \{2^{12}, 3, 6^3, 12^4\})$	688
12	$\mathcal{O}(0; \{2^8, 3^4, 6^3, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^7, 6^3, 12^4\})$	43696
12	$\mathcal{O}(0; \{3^{10}, 6^3, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 6^3, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 6^3, 12^4\})$	21824
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 6^3, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 6^3, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 6^3, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 6^3, 12^4\})$	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	$\mathcal{O}(0; \{3, 4^8, 6^3, 12^4\})$	176128
12	$\mathcal{O}(0; \{2^9, 3^2, 6^4, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^5, 6^4, 12^4\})$	21840
12	$\mathcal{O}(0; \{2, 3^8, 6^4, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6^4, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6^4, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6^4, 12^4\})$	43776
12	$\mathcal{O}(0; \{3^2, 4^6, 6^4, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^{10}, 6^5, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^3, 6^5, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^6, 6^5, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^7, 4^2, 6^5, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^5, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^4, 4^4, 6^5, 12^4\})$	21760
12	$\mathcal{O}(0; \{3^3, 4^4, 6^5, 12^4\})$	174848
12	$\mathcal{O}(0; \{2, 4^6, 6^5, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^7, 3, 6^6, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^4, 6^6, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^6, 12^4\})$	21824
12	$\mathcal{O}(0; \{3^4, 4^2, 6^6, 12^4\})$	174784
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^6, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^2, 6^7, 12^4\})$	21840
12	$\mathcal{O}(0; \{3^5, 6^7, 12^4\})$	174768
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^7, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^5, 6^8, 12^4\})$	10928
12	$\mathcal{O}(0; \{2, 3^3, 6^8, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^2, 4^2, 6^8, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^2, 3, 6^9, 12^4\})$	43696
12	$\mathcal{O}(0; \{6^{11}, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^{15}, 4, 12^5\})$	320
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^6, 4, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^9, 4, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^{12}, 4^3, 12^5\})$	1280
12	$\mathcal{O}(0; \{2^8, 3^3, 4^3, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^6, 4^3, 12^5\})$	87296
12	$\mathcal{O}(0; \{3^9, 4^3, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^9, 4^5, 12^5\})$	5120
12	$\mathcal{O}(0; \{2^5, 3^3, 4^5, 12^5\})$	44032
12	$\mathcal{O}(0; \{2, 3^6, 4^5, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^6, 4^7, 12^5\})$	20480
12	$\mathcal{O}(0; \{2^2, 3^3, 4^7, 12^5\})$	176128
12	$\mathcal{O}(0; \{2^3, 4^9, 12^5\})$	81920

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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	$\mathcal{O}(0; \{4^{11}, 12^5\})$	327680
12	$\mathcal{O}(0; \{2^{12}, 3, 4, 6, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^4, 4, 6, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^7, 4, 6, 12^5\})$	87360
12	$\mathcal{O}(0; \{3^{10}, 4, 6, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^9, 3, 4^3, 6, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^4, 4^3, 6, 12^5\})$	43776
12	$\mathcal{O}(0; \{2, 3^7, 4^3, 6, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^6, 3, 4^5, 6, 12^5\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^4, 4^5, 6, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^3, 3, 4^7, 6, 12^5\})$	86016
12	$\mathcal{O}(0; \{3, 4^9, 6, 12^5\})$	344064
12	$\mathcal{O}(0; \{2^9, 3^2, 4, 6^2, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^5, 4, 6^2, 12^5\})$	43712
12	$\mathcal{O}(0; \{2, 3^8, 4, 6^2, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 6^2, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 6^2, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 6^2, 12^5\})$	87040
12	$\mathcal{O}(0; \{3^2, 4^7, 6^2, 12^5\})$	348160
12	$\mathcal{O}(0; \{2^{10}, 4, 6^3, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 6^3, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 6^3, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^7, 4^3, 6^3, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6^3, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^4, 4^5, 6^3, 12^5\})$	44032
12	$\mathcal{O}(0; \{3^3, 4^5, 6^3, 12^5\})$	349184
12	$\mathcal{O}(0; \{2, 4^7, 6^3, 12^5\})$	176128
12	$\mathcal{O}(0; \{2^7, 3, 4, 6^4, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^4, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^4, 12^5\})$	43776
12	$\mathcal{O}(0; \{3^4, 4^3, 6^4, 12^5\})$	349440
12	$\mathcal{O}(0; \{2, 3, 4^5, 6^4, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^5, 12^5\})$	43712
12	$\mathcal{O}(0; \{3^5, 4, 6^5, 12^5\})$	349504
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^5, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^5, 4, 6^6, 12^5\})$	21824
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^6, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^2, 4^3, 6^6, 12^5\})$	87296
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^7, 12^5\})$	87360
12	$\mathcal{O}(0; \{4, 6^9, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^{12}, 3^2, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^5, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^8, 12^6\})$	174784

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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	$\mathcal{O}(0; \{3^{11}, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^9, 3^2, 4^2, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^5, 4^2, 12^6\})$	87296
12	$\mathcal{O}(0; \{2, 3^8, 4^2, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^6, 3^2, 4^4, 12^6\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^5, 4^4, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^3, 3^2, 4^6, 12^6\})$	176128
12	$\mathcal{O}(0; \{3^2, 4^8, 12^6\})$	704512
12	$\mathcal{O}(0; \{2^{13}, 6, 12^6\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^3, 6, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^6, 6, 12^6\})$	87360
12	$\mathcal{O}(0; \{2, 3^9, 6, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^{10}, 4^2, 6, 12^6\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 6, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 6, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^7, 4^4, 6, 12^6\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 6, 12^6\})$	175104
12	$\mathcal{O}(0; \{2^4, 4^6, 6, 12^6\})$	86016
12	$\mathcal{O}(0; \{3^3, 4^6, 6, 12^6\})$	700416
12	$\mathcal{O}(0; \{2, 4^8, 6, 12^6\})$	344064
12	$\mathcal{O}(0; \{2^{10}, 3, 6^2, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^4, 6^2, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^7, 6^2, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 6^2, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6^2, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 6^2, 12^6\})$	87040
12	$\mathcal{O}(0; \{3^4, 4^4, 6^2, 12^6\})$	699392
12	$\mathcal{O}(0; \{2, 3, 4^6, 6^2, 12^6\})$	348160
12	$\mathcal{O}(0; \{2^7, 3^2, 6^3, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^5, 6^3, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^3, 12^6\})$	87296
12	$\mathcal{O}(0; \{3^5, 4^2, 6^3, 12^6\})$	699136
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^3, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^8, 6^4, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^3, 6^4, 12^6\})$	87360
12	$\mathcal{O}(0; \{3^6, 6^4, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^5, 4^2, 6^4, 12^6\})$	43776
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^4, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^2, 4^4, 6^4, 12^6\})$	175104
12	$\mathcal{O}(0; \{2^5, 3, 6^5, 12^6\})$	43712
12	$\mathcal{O}(0; \{2, 3^4, 6^5, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^5, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^2, 6^6, 12^6\})$	174784

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 6^7, 12^6\})$	87360
12	$\mathcal{O}(0; \{4^2, 6^7, 12^6\})$	349440
12	$\mathcal{O}(0; \{3, 6^8, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^{10}, 3, 4, 12^7\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^4, 4, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^7, 4, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^7, 3, 4^3, 12^7\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 12^7\})$	349184
12	$\mathcal{O}(0; \{2^4, 3, 4^5, 12^7\})$	176128
12	$\mathcal{O}(0; \{3^4, 4^5, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2, 3, 4^7, 12^7\})$	704512
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 6, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 6, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6, 12^7\})$	175104
12	$\mathcal{O}(0; \{3^5, 4^3, 6, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 6, 12^7\})$	700416
12	$\mathcal{O}(0; \{2^8, 4, 6^2, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^2, 12^7\})$	174848
12	$\mathcal{O}(0; \{3^6, 4, 6^2, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^5, 4^3, 6^2, 12^7\})$	87040
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^2, 12^7\})$	699392
12	$\mathcal{O}(0; \{2^2, 4^5, 6^2, 12^7\})$	348160
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^3, 12^7\})$	87296
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^3, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^3, 12^7\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^4, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^3, 4, 6^5, 12^7\})$	174848
12	$\mathcal{O}(0; \{4^3, 6^5, 12^7\})$	699392
12	$\mathcal{O}(0; \{3, 4, 6^6, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^{11}, 12^8\})$	11008
12	$\mathcal{O}(0; \{2^7, 3^3, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^6, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^8, 4^2, 12^8\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 12^8\})$	349184
12	$\mathcal{O}(0; \{3^6, 4^2, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^5, 4^4, 12^8\})$	176128
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 12^8\})$	1396736
12	$\mathcal{O}(0; \{2^2, 4^6, 12^8\})$	704512
12	$\mathcal{O}(0; \{2^8, 3, 6, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^4, 6, 12^8\})$	349440
12	$\mathcal{O}(0; \{3^7, 6, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6, 12^8\})$	175104
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6, 12^8\})$	1397760

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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	$\mathcal{O}(0; \{2^2, 3, 4^4, 6, 12^8\})$	700416
12	$\mathcal{O}(0; \{2^5, 3^2, 6^2, 12^8\})$	174848
12	$\mathcal{O}(0; \{2, 3^5, 6^2, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^2, 12^8\})$	699392
12	$\mathcal{O}(0; \{2^6, 6^3, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^3, 6^3, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^3, 4^2, 6^3, 12^8\})$	349184
12	$\mathcal{O}(0; \{4^4, 6^3, 12^8\})$	1396736
12	$\mathcal{O}(0; \{2^3, 3, 6^4, 12^8\})$	349440
12	$\mathcal{O}(0; \{3, 4^2, 6^4, 12^8\})$	1397760
12	$\mathcal{O}(0; \{3^2, 6^5, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2, 6^6, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 12^9\})$	349184
12	$\mathcal{O}(0; \{2, 3^5, 4, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 12^9\})$	1396736
12	$\mathcal{O}(0; \{2^6, 4, 6, 12^9\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^3, 4^3, 6, 12^9\})$	700416
12	$\mathcal{O}(0; \{4^5, 6, 12^9\})$	2801664
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^2, 12^9\})$	699392
12	$\mathcal{O}(0; \{3, 4^3, 6^2, 12^9\})$	2797568
12	$\mathcal{O}(0; \{3^2, 4, 6^3, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2, 4, 6^4, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^6, 3, 12^{10}\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^4, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 12^{10}\})$	1396736
12	$\mathcal{O}(0; \{3, 4^4, 12^{10}\})$	5586944
12	$\mathcal{O}(0; \{2^3, 3^2, 6, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{3^2, 4^2, 6, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{2^4, 6^2, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{3^3, 6^2, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2, 4^2, 6^2, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{2, 3, 6^3, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2^4, 4, 12^{11}\})$	1396736
12	$\mathcal{O}(0; \{3^3, 4, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{2, 4^3, 12^{11}\})$	5586944
12	$\mathcal{O}(0; \{2, 3, 4, 6, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{2, 3^2, 12^{12}\})$	11186176
12	$\mathcal{O}(0; \{2^2, 6, 12^{12}\})$	5591040
12	$\mathcal{O}(0; \{12^{14}\})$	44744704
13	$\mathcal{O}(6; \emptyset)$	23298085122480
13	$\mathcal{O}(0; \{13^{13}\})$	8230246567620
14	$\mathcal{O}(4; \{2^3, 7, 14\})$	8854734336

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(4; \{2, 14^3\})$	44273671680
14	$\mathcal{O}(3; \{2^2, 7^5\})$	8357784960
14	$\mathcal{O}(3; \{2^7, 7, 14\})$	45177216
14	$\mathcal{O}(3; \{7^4, 14^2\})$	50191886976
14	$\mathcal{O}(3; \{2^5, 14^3\})$	225886080
14	$\mathcal{O}(2; \{2^6, 7^5\})$	42641760
14	$\mathcal{O}(2; \{2^{11}, 7, 14\})$	230496
14	$\mathcal{O}(2; \{2^4, 7^4, 14^2\})$	256081056
14	$\mathcal{O}(2; \{2^9, 14^3\})$	1152480
14	$\mathcal{O}(2; \{2^2, 7^3, 14^4\})$	1536255840
14	$\mathcal{O}(2; \{7^2, 14^6\})$	9217765536
14	$\mathcal{O}(1; \{2^{10}, 7^5\})$	217560
14	$\mathcal{O}(1; \{2^{15}, 7, 14\})$	1176
14	$\mathcal{O}(1; \{2^3, 7^8, 14\})$	282175320
14	$\mathcal{O}(1; \{2^8, 7^4, 14^2\})$	1306536
14	$\mathcal{O}(1; \{2^{13}, 14^3\})$	5880
14	$\mathcal{O}(1; \{2, 7^7, 14^3\})$	1693053096
14	$\mathcal{O}(1; \{2^6, 7^3, 14^4\})$	7838040
14	$\mathcal{O}(1; \{2^4, 7^2, 14^6\})$	47029416
14	$\mathcal{O}(1; \{2^2, 7, 14^8\})$	282175320
14	$\mathcal{O}(1; \{14^{10}\})$	1693053096
14	$\mathcal{O}(0; \{2^{14}, 7^5\})$	1110
14	$\mathcal{O}(0; \{2^2, 7^{12}\})$	310968906
14	$\mathcal{O}(0; \{2^{19}, 7, 14\})$	6
14	$\mathcal{O}(0; \{2^7, 7^8, 14\})$	1439670
14	$\mathcal{O}(0; \{2^{12}, 7^4, 14^2\})$	6666
14	$\mathcal{O}(0; \{7^{11}, 14^2\})$	1865813430
14	$\mathcal{O}(0; \{2^{17}, 14^3\})$	30
14	$\mathcal{O}(0; \{2^5, 7^7, 14^3\})$	8638026
14	$\mathcal{O}(0; \{2^{10}, 7^3, 14^4\})$	39990
14	$\mathcal{O}(0; \{2^3, 7^6, 14^5\})$	51828150
14	$\mathcal{O}(0; \{2^8, 7^2, 14^6\})$	239946
14	$\mathcal{O}(0; \{2, 7^5, 14^7\})$	310968906
14	$\mathcal{O}(0; \{2^6, 7, 14^8\})$	1439670
14	$\mathcal{O}(0; \{2^4, 14^{10}\})$	8638026
15	$\mathcal{O}(4; \{3^4\})$	15377304384
15	$\mathcal{O}(4; \{5, 15^2\})$	61509375000
15	$\mathcal{O}(3; \{3^7\})$	478375632
15	$\mathcal{O}(3; \{3^2, 5^3, 15\})$	1184625000
15	$\mathcal{O}(3; \{3^3, 5, 15^2\})$	1366875000
15	$\mathcal{O}(3; \{15^5\})$	23236875000
15	$\mathcal{O}(2; \{3^{10}\})$	17286048
15	$\mathcal{O}(2; \{3^4, 5^5\})$	61965000

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(2; \{3^5, 5^3, 15\})$	57915000
15	$\mathcal{O}(2; \{3^6, 5, 15^2\})$	52245000
15	$\mathcal{O}(2; \{5^6, 15^2\})$	1327185000
15	$\mathcal{O}(2; \{3, 5^4, 15^3\})$	995085000
15	$\mathcal{O}(2; \{3^2, 5^2, 15^4\})$	913275000
15	$\mathcal{O}(2; \{3^3, 15^5\})$	888165000
15	$\mathcal{O}(1; \{3^{13}\})$	589680
15	$\mathcal{O}(1; \{3^7, 5^5\})$	1927800
15	$\mathcal{O}(1; \{3^8, 5^3, 15\})$	1989000
15	$\mathcal{O}(1; \{3^2, 5^8, 15\})$	23592600
15	$\mathcal{O}(1; \{3^9, 5, 15^2\})$	1841400
15	$\mathcal{O}(1; \{3^3, 5^6, 15^2\})$	29493000
15	$\mathcal{O}(1; \{3^4, 5^4, 15^3\})$	30958200
15	$\mathcal{O}(1; \{3^5, 5^2, 15^4\})$	31365000
15	$\mathcal{O}(1; \{3^6, 15^5\})$	31303800
15	$\mathcal{O}(1; \{5^5, 15^5\})$	471861000
15	$\mathcal{O}(1; \{3, 5^3, 15^6\})$	495444600
15	$\mathcal{O}(1; \{3^2, 5, 15^7\})$	501381000
15	$\mathcal{O}(0; \{3^{10}, 5^5\})$	69768
15	$\mathcal{O}(0; \{3^4, 5^{10}\})$	1258296
15	$\mathcal{O}(0; \{3^{11}, 5^3, 15\})$	71032
15	$\mathcal{O}(0; \{3^5, 5^8, 15\})$	1153416
15	$\mathcal{O}(0; \{3^{12}, 5, 15^2\})$	65544
15	$\mathcal{O}(0; \{3^6, 5^6, 15^2\})$	1127288
15	$\mathcal{O}(0; \{5^{11}, 15^2\})$	26843544
15	$\mathcal{O}(0; \{3^7, 5^4, 15^3\})$	1120392
15	$\mathcal{O}(0; \{3, 5^9, 15^3\})$	20132664
15	$\mathcal{O}(0; \{3^8, 5^2, 15^4\})$	1120120
15	$\mathcal{O}(0; \{3^2, 5^7, 15^4\})$	18454920
15	$\mathcal{O}(0; \{3^9, 15^5\})$	1114248
15	$\mathcal{O}(0; \{3^3, 5^5, 15^5\})$	18035576
15	$\mathcal{O}(0; \{3^4, 5^3, 15^6\})$	17930376
15	$\mathcal{O}(0; \{3^5, 5, 15^7\})$	17905528
15	$\mathcal{O}(0; \{5^4, 15^8\})$	288568184
15	$\mathcal{O}(0; \{3, 5^2, 15^9\})$	286890120
15	$\mathcal{O}(0; \{3^2, 15^{10}\})$	286472056
16	$\mathcal{O}(3; \{2^3, 4, 16^2\})$	268435456
16	$\mathcal{O}(3; \{4^3, 16^2\})$	1073741824
16	$\mathcal{O}(3; \{2, 8^2, 16^2\})$	2147483648
16	$\mathcal{O}(2; \{2^7, 4, 16^2\})$	1048576
16	$\mathcal{O}(2; \{2^4, 4^3, 16^2\})$	4194304
16	$\mathcal{O}(2; \{2, 4^5, 16^2\})$	16777216
16	$\mathcal{O}(2; \{2^5, 8^2, 16^2\})$	8388608

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{2^2, 4^2, 8^2, 16^2\})$	33554432
16	$\mathcal{O}(2; \{4, 8^4, 16^2\})$	268435456
16	$\mathcal{O}(2; \{2^3, 8, 16^4\})$	134217728
16	$\mathcal{O}(2; \{4^2, 8, 16^4\})$	536870912
16	$\mathcal{O}(2; \{2, 16^6\})$	2147483648
16	$\mathcal{O}(1; \{2^{11}, 4, 16^2\})$	4096
16	$\mathcal{O}(1; \{2^8, 4^3, 16^2\})$	16384
16	$\mathcal{O}(1; \{2^5, 4^5, 16^2\})$	65536
16	$\mathcal{O}(1; \{2^2, 4^7, 16^2\})$	262144
16	$\mathcal{O}(1; \{2^9, 8^2, 16^2\})$	32768
16	$\mathcal{O}(1; \{2^6, 4^2, 8^2, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^3, 4^4, 8^2, 16^2\})$	524288
16	$\mathcal{O}(1; \{4^6, 8^2, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2^4, 4, 8^4, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2, 4^3, 8^4, 16^2\})$	4194304
16	$\mathcal{O}(1; \{2^2, 8^6, 16^2\})$	8388608
16	$\mathcal{O}(1; \{2^7, 8, 16^4\})$	524288
16	$\mathcal{O}(1; \{2^4, 4^2, 8, 16^4\})$	2097152
16	$\mathcal{O}(1; \{2, 4^4, 8, 16^4\})$	8388608
16	$\mathcal{O}(1; \{2^2, 4, 8^3, 16^4\})$	16777216
16	$\mathcal{O}(1; \{8^5, 16^4\})$	134217728
16	$\mathcal{O}(1; \{2^5, 16^6\})$	8388608
16	$\mathcal{O}(1; \{2^2, 4^2, 16^6\})$	33554432
16	$\mathcal{O}(1; \{4, 8^2, 16^6\})$	268435456
16	$\mathcal{O}(0; \{2^{15}, 4, 16^2\})$	16
16	$\mathcal{O}(0; \{2^{12}, 4^3, 16^2\})$	64
16	$\mathcal{O}(0; \{2^9, 4^5, 16^2\})$	256
16	$\mathcal{O}(0; \{2^6, 4^7, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^3, 4^9, 16^2\})$	4096
16	$\mathcal{O}(0; \{4^{11}, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^{13}, 8^2, 16^2\})$	128
16	$\mathcal{O}(0; \{2^{10}, 4^2, 8^2, 16^2\})$	512
16	$\mathcal{O}(0; \{2^7, 4^4, 8^2, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^4, 4^6, 8^2, 16^2\})$	8192
16	$\mathcal{O}(0; \{2, 4^8, 8^2, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^8, 4, 8^4, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^5, 4^3, 8^4, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^2, 4^5, 8^4, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^6, 8^6, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^3, 4^2, 8^6, 16^2\})$	131072
16	$\mathcal{O}(0; \{4^4, 8^6, 16^2\})$	524288
16	$\mathcal{O}(0; \{2, 4, 8^8, 16^2\})$	1048576
16	$\mathcal{O}(0; \{2^{11}, 8, 16^4\})$	2048

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{2^8, 4^2, 8, 16^4\})$	8192
16	$\mathcal{O}(0; \{2^5, 4^4, 8, 16^4\})$	32768
16	$\mathcal{O}(0; \{2^2, 4^6, 8, 16^4\})$	131072
16	$\mathcal{O}(0; \{2^6, 4, 8^3, 16^4\})$	65536
16	$\mathcal{O}(0; \{2^3, 4^3, 8^3, 16^4\})$	262144
16	$\mathcal{O}(0; \{4^5, 8^3, 16^4\})$	1048576
16	$\mathcal{O}(0; \{2^4, 8^5, 16^4\})$	524288
16	$\mathcal{O}(0; \{2, 4^2, 8^5, 16^4\})$	2097152
16	$\mathcal{O}(0; \{2^9, 16^6\})$	32768
16	$\mathcal{O}(0; \{2^6, 4^2, 16^6\})$	131072
16	$\mathcal{O}(0; \{2^3, 4^4, 16^6\})$	524288
16	$\mathcal{O}(0; \{4^6, 16^6\})$	2097152
16	$\mathcal{O}(0; \{2^4, 4, 8^2, 16^6\})$	1048576
16	$\mathcal{O}(0; \{2, 4^3, 8^2, 16^6\})$	4194304
16	$\mathcal{O}(0; \{2^2, 8^4, 16^6\})$	8388608
16	$\mathcal{O}(0; \{2^2, 4, 8, 16^8\})$	16777216
16	$\mathcal{O}(0; \{8^3, 16^8\})$	134217728
16	$\mathcal{O}(0; \{4, 16^{10}\})$	268435456
17	$\mathcal{O}(2; \{17^6\})$	82426540816
18	$\mathcal{O}(3; \{2, 9^2, 18\})$	612220032
18	$\mathcal{O}(3; \{3^2, 18^2\})$	816293376
18	$\mathcal{O}(3; \{2, 6, 18^2\})$	408146688
18	$\mathcal{O}(2; \{2^2, 3, 9^4\})$	34012224
18	$\mathcal{O}(2; \{6^2, 9^4\})$	68024448
18	$\mathcal{O}(2; \{2^5, 9^2, 18\})$	1889568
18	$\mathcal{O}(2; \{2, 3^3, 9^2, 18\})$	15116544
18	$\mathcal{O}(2; \{2^2, 3, 6, 9^2, 18\})$	7558272
18	$\mathcal{O}(2; \{6^3, 9^2, 18\})$	15116544
18	$\mathcal{O}(2; \{2^4, 3^2, 18^2\})$	2519424
18	$\mathcal{O}(2; \{3^5, 18^2\})$	20155392
18	$\mathcal{O}(2; \{2^5, 6, 18^2\})$	1259712
18	$\mathcal{O}(2; \{2, 3^3, 6, 18^2\})$	10077696
18	$\mathcal{O}(2; \{2^2, 3, 6^2, 18^2\})$	5038848
18	$\mathcal{O}(2; \{6^4, 18^2\})$	10077696
18	$\mathcal{O}(2; \{3, 9^3, 18^2\})$	170061120
18	$\mathcal{O}(2; \{2^3, 9, 18^3\})$	17006112
18	$\mathcal{O}(2; \{3, 6, 9, 18^3\})$	68024448
18	$\mathcal{O}(2; \{2, 18^5\})$	85030560
18	$\mathcal{O}(1; \{2^6, 3, 9^4\})$	104976
18	$\mathcal{O}(1; \{2^2, 3^4, 9^4\})$	839808
18	$\mathcal{O}(1; \{2^3, 3^2, 6, 9^4\})$	419904
18	$\mathcal{O}(1; \{2^4, 6^2, 9^4\})$	209952
18	$\mathcal{O}(1; \{3^3, 6^2, 9^4\})$	1679616

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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	$\mathcal{O}(1; \{2, 3, 6^3, 9^4\})$	839808
18	$\mathcal{O}(1; \{2^2, 9^7\})$	9920232
18	$\mathcal{O}(1; \{2^9, 9^2, 18\})$	5832
18	$\mathcal{O}(1; \{2^5, 3^3, 9^2, 18\})$	46656
18	$\mathcal{O}(1; \{2, 3^6, 9^2, 18\})$	373248
18	$\mathcal{O}(1; \{2^6, 3, 6, 9^2, 18\})$	23328
18	$\mathcal{O}(1; \{2^2, 3^4, 6, 9^2, 18\})$	186624
18	$\mathcal{O}(1; \{2^3, 3^2, 6^2, 9^2, 18\})$	93312
18	$\mathcal{O}(1; \{2^4, 6^3, 9^2, 18\})$	46656
18	$\mathcal{O}(1; \{3^3, 6^3, 9^2, 18\})$	373248
18	$\mathcal{O}(1; \{2, 3, 6^4, 9^2, 18\})$	186624
18	$\mathcal{O}(1; \{2, 3^2, 9^5, 18\})$	6928416
18	$\mathcal{O}(1; \{2^2, 6, 9^5, 18\})$	3464208
18	$\mathcal{O}(1; \{2^8, 3^2, 18^2\})$	7776
18	$\mathcal{O}(1; \{2^4, 3^5, 18^2\})$	62208
18	$\mathcal{O}(1; \{3^8, 18^2\})$	497664
18	$\mathcal{O}(1; \{2^9, 6, 18^2\})$	3888
18	$\mathcal{O}(1; \{2^5, 3^3, 6, 18^2\})$	31104
18	$\mathcal{O}(1; \{2, 3^6, 6, 18^2\})$	248832
18	$\mathcal{O}(1; \{2^6, 3, 6^2, 18^2\})$	15552
18	$\mathcal{O}(1; \{2^2, 3^4, 6^2, 18^2\})$	124416
18	$\mathcal{O}(1; \{2^3, 3^2, 6^3, 18^2\})$	62208
18	$\mathcal{O}(1; \{2^4, 6^4, 18^2\})$	31104
18	$\mathcal{O}(1; \{3^3, 6^4, 18^2\})$	248832
18	$\mathcal{O}(1; \{2, 3, 6^5, 18^2\})$	124416
18	$\mathcal{O}(1; \{2^4, 3, 9^3, 18^2\})$	524880
18	$\mathcal{O}(1; \{3^4, 9^3, 18^2\})$	4199040
18	$\mathcal{O}(1; \{2, 3^2, 6, 9^3, 18^2\})$	2099520
18	$\mathcal{O}(1; \{2^2, 6^2, 9^3, 18^2\})$	1049760
18	$\mathcal{O}(1; \{9^6, 18^2\})$	60938568
18	$\mathcal{O}(1; \{2^7, 9, 18^3\})$	52488
18	$\mathcal{O}(1; \{2^3, 3^3, 9, 18^3\})$	419904
18	$\mathcal{O}(1; \{2^4, 3, 6, 9, 18^3\})$	209952
18	$\mathcal{O}(1; \{3^4, 6, 9, 18^3\})$	1679616
18	$\mathcal{O}(1; \{2, 3^2, 6^2, 9, 18^3\})$	839808
18	$\mathcal{O}(1; \{2^2, 6^3, 9, 18^3\})$	419904
18	$\mathcal{O}(1; \{6, 9^4, 18^3\})$	19840464
18	$\mathcal{O}(1; \{2^2, 3, 9^2, 18^4\})$	3464208
18	$\mathcal{O}(1; \{6^2, 9^2, 18^4\})$	6928416
18	$\mathcal{O}(1; \{2^5, 18^5\})$	262440
18	$\mathcal{O}(1; \{2, 3^3, 18^5\})$	2099520
18	$\mathcal{O}(1; \{2^2, 3, 6, 18^5\})$	1049760
18	$\mathcal{O}(1; \{6^3, 18^5\})$	2099520

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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	$\mathcal{O}(1; \{3, 9, 18^6\})$	19840464
18	$\mathcal{O}(0; \{2^{10}, 3, 9^4\})$	324
18	$\mathcal{O}(0; \{2^6, 3^4, 9^4\})$	2592
18	$\mathcal{O}(0; \{2^2, 3^7, 9^4\})$	20736
18	$\mathcal{O}(0; \{2^7, 3^2, 6, 9^4\})$	1296
18	$\mathcal{O}(0; \{2^3, 3^5, 6, 9^4\})$	10368
18	$\mathcal{O}(0; \{2^8, 6^2, 9^4\})$	648
18	$\mathcal{O}(0; \{2^4, 3^3, 6^2, 9^4\})$	5184
18	$\mathcal{O}(0; \{3^6, 6^2, 9^4\})$	41472
18	$\mathcal{O}(0; \{2^5, 3, 6^3, 9^4\})$	2592
18	$\mathcal{O}(0; \{2, 3^4, 6^3, 9^4\})$	20736
18	$\mathcal{O}(0; \{2^2, 3^2, 6^4, 9^4\})$	10368
18	$\mathcal{O}(0; \{2^3, 6^5, 9^4\})$	5184
18	$\mathcal{O}(0; \{3, 6^6, 9^4\})$	20736
18	$\mathcal{O}(0; \{2^6, 9^7\})$	30618
18	$\mathcal{O}(0; \{2^2, 3^3, 9^7\})$	244944
18	$\mathcal{O}(0; \{2^3, 3, 6, 9^7\})$	122472
18	$\mathcal{O}(0; \{3^2, 6^2, 9^7\})$	489888
18	$\mathcal{O}(0; \{2, 6^3, 9^7\})$	244944
18	$\mathcal{O}(0; \{2^{13}, 9^2, 18\})$	18
18	$\mathcal{O}(0; \{2^9, 3^3, 9^2, 18\})$	144
18	$\mathcal{O}(0; \{2^5, 3^6, 9^2, 18\})$	1152
18	$\mathcal{O}(0; \{2, 3^9, 9^2, 18\})$	9216
18	$\mathcal{O}(0; \{2^{10}, 3, 6, 9^2, 18\})$	72
18	$\mathcal{O}(0; \{2^6, 3^4, 6, 9^2, 18\})$	576
18	$\mathcal{O}(0; \{2^2, 3^7, 6, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{2^7, 3^2, 6^2, 9^2, 18\})$	288
18	$\mathcal{O}(0; \{2^3, 3^5, 6^2, 9^2, 18\})$	2304
18	$\mathcal{O}(0; \{2^8, 6^3, 9^2, 18\})$	144
18	$\mathcal{O}(0; \{2^4, 3^3, 6^3, 9^2, 18\})$	1152
18	$\mathcal{O}(0; \{3^6, 6^3, 9^2, 18\})$	9216
18	$\mathcal{O}(0; \{2^5, 3, 6^4, 9^2, 18\})$	576
18	$\mathcal{O}(0; \{2, 3^4, 6^4, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{2^2, 3^2, 6^5, 9^2, 18\})$	2304
18	$\mathcal{O}(0; \{2^3, 6^6, 9^2, 18\})$	1152
18	$\mathcal{O}(0; \{3, 6^7, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{2^5, 3^2, 9^5, 18\})$	21384
18	$\mathcal{O}(0; \{2, 3^5, 9^5, 18\})$	171072
18	$\mathcal{O}(0; \{2^6, 6, 9^5, 18\})$	10692
18	$\mathcal{O}(0; \{2^2, 3^3, 6, 9^5, 18\})$	85536
18	$\mathcal{O}(0; \{2^3, 3, 6^2, 9^5, 18\})$	42768
18	$\mathcal{O}(0; \{3^2, 6^3, 9^5, 18\})$	171072
18	$\mathcal{O}(0; \{2, 6^4, 9^5, 18\})$	85536

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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	$\mathcal{O}(0; \{2, 3, 9^8, 18\})$	2230740
18	$\mathcal{O}(0; \{2^{12}, 3^2, 18^2\})$	24
18	$\mathcal{O}(0; \{2^8, 3^5, 18^2\})$	192
18	$\mathcal{O}(0; \{2^4, 3^8, 18^2\})$	1536
18	$\mathcal{O}(0; \{3^{11}, 18^2\})$	12288
18	$\mathcal{O}(0; \{2^{13}, 6, 18^2\})$	12
18	$\mathcal{O}(0; \{2^9, 3^3, 6, 18^2\})$	96
18	$\mathcal{O}(0; \{2^5, 3^6, 6, 18^2\})$	768
18	$\mathcal{O}(0; \{2, 3^9, 6, 18^2\})$	6144
18	$\mathcal{O}(0; \{2^{10}, 3, 6^2, 18^2\})$	48
18	$\mathcal{O}(0; \{2^6, 3^4, 6^2, 18^2\})$	384
18	$\mathcal{O}(0; \{2^2, 3^7, 6^2, 18^2\})$	3072
18	$\mathcal{O}(0; \{2^7, 3^2, 6^3, 18^2\})$	192
18	$\mathcal{O}(0; \{2^3, 3^5, 6^3, 18^2\})$	1536
18	$\mathcal{O}(0; \{2^8, 6^4, 18^2\})$	96
18	$\mathcal{O}(0; \{2^4, 3^3, 6^4, 18^2\})$	768
18	$\mathcal{O}(0; \{3^6, 6^4, 18^2\})$	6144
18	$\mathcal{O}(0; \{2^5, 3, 6^5, 18^2\})$	384
18	$\mathcal{O}(0; \{2, 3^4, 6^5, 18^2\})$	3072
18	$\mathcal{O}(0; \{2^2, 3^2, 6^6, 18^2\})$	1536
18	$\mathcal{O}(0; \{2^3, 6^7, 18^2\})$	768
18	$\mathcal{O}(0; \{3, 6^8, 18^2\})$	3072
18	$\mathcal{O}(0; \{2^8, 3, 9^3, 18^2\})$	1620
18	$\mathcal{O}(0; \{2^4, 3^4, 9^3, 18^2\})$	12960
18	$\mathcal{O}(0; \{3^7, 9^3, 18^2\})$	103680
18	$\mathcal{O}(0; \{2^5, 3^2, 6, 9^3, 18^2\})$	6480
18	$\mathcal{O}(0; \{2, 3^5, 6, 9^3, 18^2\})$	51840
18	$\mathcal{O}(0; \{2^6, 6^2, 9^3, 18^2\})$	3240
18	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 9^3, 18^2\})$	25920
18	$\mathcal{O}(0; \{2^3, 3, 6^3, 9^3, 18^2\})$	12960
18	$\mathcal{O}(0; \{3^2, 6^4, 9^3, 18^2\})$	51840
18	$\mathcal{O}(0; \{2, 6^5, 9^3, 18^2\})$	25920
18	$\mathcal{O}(0; \{2^4, 9^6, 18^2\})$	188082
18	$\mathcal{O}(0; \{3^3, 9^6, 18^2\})$	1504656
18	$\mathcal{O}(0; \{2, 3, 6, 9^6, 18^2\})$	752328
18	$\mathcal{O}(0; \{2^{11}, 9, 18^3\})$	162
18	$\mathcal{O}(0; \{2^7, 3^3, 9, 18^3\})$	1296
18	$\mathcal{O}(0; \{2^3, 3^6, 9, 18^3\})$	10368
18	$\mathcal{O}(0; \{2^8, 3, 6, 9, 18^3\})$	648
18	$\mathcal{O}(0; \{2^4, 3^4, 6, 9, 18^3\})$	5184
18	$\mathcal{O}(0; \{3^7, 6, 9, 18^3\})$	41472
18	$\mathcal{O}(0; \{2^5, 3^2, 6^2, 9, 18^3\})$	2592
18	$\mathcal{O}(0; \{2, 3^5, 6^2, 9, 18^3\})$	20736

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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	$\mathcal{O}(0; \{2^6, 6^3, 9, 18^3\})$	1296
18	$\mathcal{O}(0; \{2^2, 3^3, 6^3, 9, 18^3\})$	10368
18	$\mathcal{O}(0; \{2^3, 3, 6^4, 9, 18^3\})$	5184
18	$\mathcal{O}(0; \{3^2, 6^5, 9, 18^3\})$	20736
18	$\mathcal{O}(0; \{2, 6^6, 9, 18^3\})$	10368
18	$\mathcal{O}(0; \{2^3, 3^2, 9^4, 18^3\})$	122472
18	$\mathcal{O}(0; \{2^4, 6, 9^4, 18^3\})$	61236
18	$\mathcal{O}(0; \{3^3, 6, 9^4, 18^3\})$	489888
18	$\mathcal{O}(0; \{2, 3, 6^2, 9^4, 18^3\})$	244944
18	$\mathcal{O}(0; \{2^6, 3, 9^2, 18^4\})$	10692
18	$\mathcal{O}(0; \{2^2, 3^4, 9^2, 18^4\})$	85536
18	$\mathcal{O}(0; \{2^3, 3^2, 6, 9^2, 18^4\})$	42768
18	$\mathcal{O}(0; \{2^4, 6^2, 9^2, 18^4\})$	21384
18	$\mathcal{O}(0; \{3^3, 6^2, 9^2, 18^4\})$	171072
18	$\mathcal{O}(0; \{2, 3, 6^3, 9^2, 18^4\})$	85536
18	$\mathcal{O}(0; \{2^2, 9^5, 18^4\})$	1115370
18	$\mathcal{O}(0; \{2^9, 18^5\})$	810
18	$\mathcal{O}(0; \{2^5, 3^3, 18^5\})$	6480
18	$\mathcal{O}(0; \{2, 3^6, 18^5\})$	51840
18	$\mathcal{O}(0; \{2^6, 3, 6, 18^5\})$	3240
18	$\mathcal{O}(0; \{2^2, 3^4, 6, 18^5\})$	25920
18	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 18^5\})$	12960
18	$\mathcal{O}(0; \{2^4, 6^3, 18^5\})$	6480
18	$\mathcal{O}(0; \{3^3, 6^3, 18^5\})$	51840
18	$\mathcal{O}(0; \{2, 3, 6^4, 18^5\})$	25920
18	$\mathcal{O}(0; \{2, 3^2, 9^3, 18^5\})$	752328
18	$\mathcal{O}(0; \{2^2, 6, 9^3, 18^5\})$	376164
18	$\mathcal{O}(0; \{2^4, 3, 9, 18^6\})$	61236
18	$\mathcal{O}(0; \{3^4, 9, 18^6\})$	489888
18	$\mathcal{O}(0; \{2, 3^2, 6, 9, 18^6\})$	244944
18	$\mathcal{O}(0; \{2^2, 6^2, 9, 18^6\})$	122472
18	$\mathcal{O}(0; \{9^4, 18^6\})$	6731586
18	$\mathcal{O}(0; \{6, 9^2, 18^7\})$	2230740
18	$\mathcal{O}(0; \{2^2, 3, 18^8\})$	376164
18	$\mathcal{O}(0; \{6^2, 18^8\})$	752328
19	$\mathcal{O}(3; \{19^3\})$	14396039586
20	$\mathcal{O}(3; \{2^2, 4^2\})$	127991808
20	$\mathcal{O}(3; \{4, 5, 20\})$	512000000
20	$\mathcal{O}(2; \{2^6, 4^2\})$	319488
20	$\mathcal{O}(2; \{2^3, 4^4\})$	1277952
20	$\mathcal{O}(2; \{4^6\})$	5111808
20	$\mathcal{O}(2; \{2, 4^2, 5^2, 10\})$	3840000
20	$\mathcal{O}(2; \{2^4, 4, 5, 20\})$	1280000

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{2, 4^3, 5, 20\})$	5120000
20	$\mathcal{O}(2; \{2^2, 4, 10^2, 20\})$	3840000
20	$\mathcal{O}(2; \{2^2, 5^2, 20^2\})$	16640000
20	$\mathcal{O}(2; \{5, 10^2, 20^2\})$	65280000
20	$\mathcal{O}(2; \{4, 10, 20^3\})$	66560000
20	$\mathcal{O}(1; \{2^{10}, 4^2\})$	768
20	$\mathcal{O}(1; \{2^7, 4^4\})$	3072
20	$\mathcal{O}(1; \{2^4, 4^6\})$	12288
20	$\mathcal{O}(1; \{2, 4^8\})$	49152
20	$\mathcal{O}(1; \{2^2, 4^2, 5^5\})$	163200
20	$\mathcal{O}(1; \{2^5, 4^2, 5^2, 10\})$	9600
20	$\mathcal{O}(1; \{2^2, 4^4, 5^2, 10\})$	38400
20	$\mathcal{O}(1; \{4^2, 5^4, 10^2\})$	656000
20	$\mathcal{O}(1; \{2^3, 4^2, 5, 10^3\})$	41600
20	$\mathcal{O}(1; \{4^4, 5, 10^3\})$	166400
20	$\mathcal{O}(1; \{2, 4^2, 10^5\})$	163200
20	$\mathcal{O}(1; \{2^8, 4, 5, 20\})$	3200
20	$\mathcal{O}(1; \{2^5, 4^3, 5, 20\})$	12800
20	$\mathcal{O}(1; \{2^2, 4^5, 5, 20\})$	51200
20	$\mathcal{O}(1; \{4, 5^6, 20\})$	2620800
20	$\mathcal{O}(1; \{2^3, 4, 5^3, 10, 20\})$	163200
20	$\mathcal{O}(1; \{4^3, 5^3, 10, 20\})$	652800
20	$\mathcal{O}(1; \{2^6, 4, 10^2, 20\})$	9600
20	$\mathcal{O}(1; \{2^3, 4^3, 10^2, 20\})$	38400
20	$\mathcal{O}(1; \{4^5, 10^2, 20\})$	153600
20	$\mathcal{O}(1; \{2, 4, 5^2, 10^3, 20\})$	656000
20	$\mathcal{O}(1; \{2^6, 5^2, 20^2\})$	41600
20	$\mathcal{O}(1; \{2^3, 4^2, 5^2, 20^2\})$	166400
20	$\mathcal{O}(1; \{4^4, 5^2, 20^2\})$	665600
20	$\mathcal{O}(1; \{2, 5^4, 10, 20^2\})$	2620800
20	$\mathcal{O}(1; \{2^4, 5, 10^2, 20^2\})$	163200
20	$\mathcal{O}(1; \{2, 4^2, 5, 10^2, 20^2\})$	652800
20	$\mathcal{O}(1; \{2^2, 10^4, 20^2\})$	656000
20	$\mathcal{O}(1; \{2, 4, 5^3, 20^3\})$	2624000
20	$\mathcal{O}(1; \{2^4, 4, 10, 20^3\})$	166400
20	$\mathcal{O}(1; \{2, 4^3, 10, 20^3\})$	665600
20	$\mathcal{O}(1; \{2^2, 5, 10, 20^4\})$	2624000
20	$\mathcal{O}(1; \{10^3, 20^4\})$	10483200
20	$\mathcal{O}(1; \{2^2, 4, 20^5\})$	2611200
20	$\mathcal{O}(1; \{5, 20^6\})$	41932800
20	$\mathcal{O}(0; \{2^6, 4^2, 5^5\})$	408
20	$\mathcal{O}(0; \{2^3, 4^4, 5^5\})$	1632
20	$\mathcal{O}(0; \{4^6, 5^5\})$	6528

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Table 6 – continued from previous page

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

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^5, 4^2, 5, 10^2, 20^2\})$	1632
20	$\mathcal{O}(0; \{2^2, 4^4, 5, 10^2, 20^2\})$	6528
20	$\mathcal{O}(0; \{5^6, 10^2, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^3, 5^3, 10^3, 20^2\})$	26216
20	$\mathcal{O}(0; \{4^2, 5^3, 10^3, 20^2\})$	104864
20	$\mathcal{O}(0; \{2^6, 10^4, 20^2\})$	1640
20	$\mathcal{O}(0; \{2^3, 4^2, 10^4, 20^2\})$	6560
20	$\mathcal{O}(0; \{4^4, 10^4, 20^2\})$	26240
20	$\mathcal{O}(0; \{2, 5^2, 10^5, 20^2\})$	104856
20	$\mathcal{O}(0; \{2^5, 4, 5^3, 20^3\})$	6560
20	$\mathcal{O}(0; \{2^2, 4^3, 5^3, 20^3\})$	26240
20	$\mathcal{O}(0; \{2^8, 4, 10, 20^3\})$	416
20	$\mathcal{O}(0; \{2^5, 4^3, 10, 20^3\})$	1664
20	$\mathcal{O}(0; \{2^2, 4^5, 10, 20^3\})$	6656
20	$\mathcal{O}(0; \{4, 5^5, 10, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^3, 4, 5^2, 10^2, 20^3\})$	26208
20	$\mathcal{O}(0; \{4^3, 5^2, 10^2, 20^3\})$	104832
20	$\mathcal{O}(0; \{2, 4, 5, 10^4, 20^3\})$	104864
20	$\mathcal{O}(0; \{2^3, 5^4, 20^4\})$	104864
20	$\mathcal{O}(0; \{4^2, 5^4, 20^4\})$	419456
20	$\mathcal{O}(0; \{2^6, 5, 10, 20^4\})$	6560
20	$\mathcal{O}(0; \{2^3, 4^2, 5, 10, 20^4\})$	26240
20	$\mathcal{O}(0; \{4^4, 5, 10, 20^4\})$	104960
20	$\mathcal{O}(0; \{2, 5^3, 10^2, 20^4\})$	419424
20	$\mathcal{O}(0; \{2^4, 10^3, 20^4\})$	26208
20	$\mathcal{O}(0; \{2, 4^2, 10^3, 20^4\})$	104832
20	$\mathcal{O}(0; \{2^6, 4, 20^5\})$	6528
20	$\mathcal{O}(0; \{2^3, 4^3, 20^5\})$	26112
20	$\mathcal{O}(0; \{4^5, 20^5\})$	104448
20	$\mathcal{O}(0; \{2, 4, 5^2, 10, 20^5\})$	419456
20	$\mathcal{O}(0; \{2^4, 5, 20^6\})$	104832
20	$\mathcal{O}(0; \{2, 4^2, 5, 20^6\})$	419328
20	$\mathcal{O}(0; \{2^2, 10^2, 20^6\})$	419456
20	$\mathcal{O}(0; \{10, 20^8\})$	6710784
21	$\mathcal{O}(2; \{3, 7^3, 21\})$	72346932
21	$\mathcal{O}(2; \{3^2, 21^3\})$	58344300
21	$\mathcal{O}(1; \{3^4, 7^3, 21\})$	820260
21	$\mathcal{O}(1; \{7^5, 21^2\})$	35271180
21	$\mathcal{O}(1; \{3^5, 21^3\})$	1137780
21	$\mathcal{O}(1; \{3, 7^2, 21^4\})$	29397060
21	$\mathcal{O}(0; \{3^2, 7^8\})$	479892
21	$\mathcal{O}(0; \{3^7, 7^3, 21\})$	15996
21	$\mathcal{O}(0; \{3^3, 7^5, 21^2\})$	399900

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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	$\mathcal{O}(0; \{3^8, 21^3\})$	20460
21	$\mathcal{O}(0; \{3^4, 7^2, 21^4\})$	573276
21	$\mathcal{O}(0; \{7^4, 21^5\})$	14396700
21	$\mathcal{O}(0; \{3, 7, 21^7\})$	20635356
22	$\mathcal{O}(3; \{22^2\})$	1133799040
22	$\mathcal{O}(2; \{2^4, 22^2\})$	2342560
22	$\mathcal{O}(1; \{2^8, 22^2\})$	4840
22	$\mathcal{O}(0; \{2^3, 11^6, 22\})$	909090
22	$\mathcal{O}(0; \{2^{12}, 22^2\})$	10
22	$\mathcal{O}(0; \{2, 11^5, 22^3\})$	9090910
23	$\mathcal{O}(0; \{23^8\})$	2385907546
24	$\mathcal{O}(2; \{6^2, 8^2\})$	2654208
24	$\mathcal{O}(2; \{4, 6, 8, 24\})$	5308416
24	$\mathcal{O}(2; \{3, 8, 12, 24\})$	5308416
24	$\mathcal{O}(2; \{2^3, 24^2\})$	2654208
24	$\mathcal{O}(2; \{4^2, 24^2\})$	10616832
24	$\mathcal{O}(2; \{3, 6, 24^2\})$	7962624
24	$\mathcal{O}(1; \{2^2, 3^4, 8^2\})$	13824
24	$\mathcal{O}(1; \{2^3, 3^2, 6, 8^2\})$	4608
24	$\mathcal{O}(1; \{3^2, 4^2, 6, 8^2\})$	18432
24	$\mathcal{O}(1; \{2^4, 6^2, 8^2\})$	4608
24	$\mathcal{O}(1; \{3^3, 6^2, 8^2\})$	23040
24	$\mathcal{O}(1; \{2, 4^2, 6^2, 8^2\})$	18432
24	$\mathcal{O}(1; \{2, 3, 6^3, 8^2\})$	13824
24	$\mathcal{O}(1; \{3^3, 4, 8^2, 12\})$	55296
24	$\mathcal{O}(1; \{2, 3, 4, 6, 8^2, 12\})$	18432
24	$\mathcal{O}(1; \{2, 3^2, 8^2, 12^2\})$	55296
24	$\mathcal{O}(1; \{2^2, 6, 8^2, 12^2\})$	18432
24	$\mathcal{O}(1; \{8^2, 12^4\})$	221184
24	$\mathcal{O}(1; \{2^3, 3^2, 4, 8, 24\})$	9216
24	$\mathcal{O}(1; \{3^2, 4^3, 8, 24\})$	36864
24	$\mathcal{O}(1; \{2^4, 4, 6, 8, 24\})$	9216
24	$\mathcal{O}(1; \{3^3, 4, 6, 8, 24\})$	46080
24	$\mathcal{O}(1; \{2, 4^3, 6, 8, 24\})$	36864
24	$\mathcal{O}(1; \{2, 3, 4, 6^2, 8, 24\})$	27648
24	$\mathcal{O}(1; \{2, 3^2, 8^3, 24\})$	73728
24	$\mathcal{O}(1; \{2^2, 6, 8^3, 24\})$	73728
24	$\mathcal{O}(1; \{2^4, 3, 8, 12, 24\})$	9216
24	$\mathcal{O}(1; \{3^4, 8, 12, 24\})$	101376
24	$\mathcal{O}(1; \{2, 3, 4^2, 8, 12, 24\})$	36864
24	$\mathcal{O}(1; \{2, 3^2, 6, 8, 12, 24\})$	46080
24	$\mathcal{O}(1; \{2^2, 6^2, 8, 12, 24\})$	27648
24	$\mathcal{O}(1; \{2^2, 4, 8, 12^2, 24\})$	36864

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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	$\mathcal{O}(1; \{8^3, 12^2, 24\})$	294912
24	$\mathcal{O}(1; \{6, 8, 12^3, 24\})$	184320
24	$\mathcal{O}(1; \{2^7, 24^2\})$	4608
24	$\mathcal{O}(1; \{2^3, 3^3, 24^2\})$	23040
24	$\mathcal{O}(1; \{2^4, 4^2, 24^2\})$	18432
24	$\mathcal{O}(1; \{3^3, 4^2, 24^2\})$	92160
24	$\mathcal{O}(1; \{2, 4^4, 24^2\})$	73728
24	$\mathcal{O}(1; \{2^4, 3, 6, 24^2\})$	13824
24	$\mathcal{O}(1; \{3^4, 6, 24^2\})$	96768
24	$\mathcal{O}(1; \{2, 3, 4^2, 6, 24^2\})$	55296
24	$\mathcal{O}(1; \{2, 3^2, 6^2, 24^2\})$	50688
24	$\mathcal{O}(1; \{2^2, 6^3, 24^2\})$	23040
24	$\mathcal{O}(1; \{2^2, 4, 8^2, 24^2\})$	147456
24	$\mathcal{O}(1; \{8^4, 24^2\})$	1179648
24	$\mathcal{O}(1; \{2, 3^2, 4, 12, 24^2\})$	92160
24	$\mathcal{O}(1; \{2^2, 4, 6, 12, 24^2\})$	55296
24	$\mathcal{O}(1; \{6, 8^2, 12, 24^2\})$	442368
24	$\mathcal{O}(1; \{2^2, 3, 12^2, 24^2\})$	92160
24	$\mathcal{O}(1; \{6^2, 12^2, 24^2\})$	202752
24	$\mathcal{O}(1; \{4, 12^3, 24^2\})$	368640
24	$\mathcal{O}(1; \{2^2, 3, 8, 24^3\})$	221184
24	$\mathcal{O}(1; \{6^2, 8, 24^3\})$	368640
24	$\mathcal{O}(1; \{4, 8, 12, 24^3\})$	884736
24	$\mathcal{O}(1; \{4, 6, 24^4\})$	737280
24	$\mathcal{O}(1; \{3, 12, 24^4\})$	1622016
24	$\mathcal{O}(0; \{2^6, 3^4, 8^2\})$	24
24	$\mathcal{O}(0; \{2^2, 3^7, 8^2\})$	168
24	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 8^2\})$	96
24	$\mathcal{O}(0; \{3^4, 4^4, 8^2\})$	384
24	$\mathcal{O}(0; \{2^7, 3^2, 6, 8^2\})$	8
24	$\mathcal{O}(0; \{2^3, 3^5, 6, 8^2\})$	88
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6, 8^2\})$	32
24	$\mathcal{O}(0; \{3^5, 4^2, 6, 8^2\})$	352
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 6, 8^2\})$	128
24	$\mathcal{O}(0; \{2^8, 6^2, 8^2\})$	8
24	$\mathcal{O}(0; \{2^4, 3^3, 6^2, 8^2\})$	40
24	$\mathcal{O}(0; \{3^6, 6^2, 8^2\})$	344
24	$\mathcal{O}(0; \{2^5, 4^2, 6^2, 8^2\})$	32
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^2, 8^2\})$	160
24	$\mathcal{O}(0; \{2^2, 4^4, 6^2, 8^2\})$	128
24	$\mathcal{O}(0; \{2^5, 3, 6^3, 8^2\})$	24
24	$\mathcal{O}(0; \{2, 3^4, 6^3, 8^2\})$	168
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^3, 8^2\})$	96

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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	$\mathcal{O}(0; \{2^2, 3^2, 6^4, 8^2\})$	88
24	$\mathcal{O}(0; \{2^3, 6^5, 8^2\})$	40
24	$\mathcal{O}(0; \{4^2, 6^5, 8^2\})$	160
24	$\mathcal{O}(0; \{3, 6^6, 8^2\})$	168
24	$\mathcal{O}(0; \{2, 3^4, 4, 8^4\})$	768
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 8^4\})$	256
24	$\mathcal{O}(0; \{2^3, 4, 6^2, 8^4\})$	256
24	$\mathcal{O}(0; \{4^3, 6^2, 8^4\})$	1024
24	$\mathcal{O}(0; \{3, 4, 6^3, 8^4\})$	768
24	$\mathcal{O}(0; \{3^2, 6, 8^6\})$	2048
24	$\mathcal{O}(0; \{2, 6^2, 8^6\})$	2048
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 8^2, 12\})$	96
24	$\mathcal{O}(0; \{3^6, 4, 8^2, 12\})$	672
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 8^2, 12\})$	384
24	$\mathcal{O}(0; \{2^5, 3, 4, 6, 8^2, 12\})$	32
24	$\mathcal{O}(0; \{2, 3^4, 4, 6, 8^2, 12\})$	352
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6, 8^2, 12\})$	128
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^2, 8^2, 12\})$	160
24	$\mathcal{O}(0; \{2^3, 4, 6^3, 8^2, 12\})$	96
24	$\mathcal{O}(0; \{4^3, 6^3, 8^2, 12\})$	384
24	$\mathcal{O}(0; \{3, 4, 6^4, 8^2, 12\})$	352
24	$\mathcal{O}(0; \{2^2, 3^3, 8^4, 12\})$	768
24	$\mathcal{O}(0; \{2^3, 3, 6, 8^4, 12\})$	256
24	$\mathcal{O}(0; \{3, 4^2, 6, 8^4, 12\})$	1024
24	$\mathcal{O}(0; \{3^2, 6^2, 8^4, 12\})$	1280
24	$\mathcal{O}(0; \{2, 6^3, 8^4, 12\})$	768
24	$\mathcal{O}(0; \{2^5, 3^2, 8^2, 12^2\})$	96
24	$\mathcal{O}(0; \{2, 3^5, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 8^2, 12^2\})$	384
24	$\mathcal{O}(0; \{2^6, 6, 8^2, 12^2\})$	32
24	$\mathcal{O}(0; \{2^2, 3^3, 6, 8^2, 12^2\})$	352
24	$\mathcal{O}(0; \{2^3, 4^2, 6, 8^2, 12^2\})$	128
24	$\mathcal{O}(0; \{4^4, 6, 8^2, 12^2\})$	512
24	$\mathcal{O}(0; \{2^3, 3, 6^2, 8^2, 12^2\})$	160
24	$\mathcal{O}(0; \{3, 4^2, 6^2, 8^2, 12^2\})$	640
24	$\mathcal{O}(0; \{3^2, 6^3, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2, 6^4, 8^2, 12^2\})$	352
24	$\mathcal{O}(0; \{3^2, 4, 8^4, 12^2\})$	3072
24	$\mathcal{O}(0; \{2, 4, 6, 8^4, 12^2\})$	1024
24	$\mathcal{O}(0; \{2^3, 3, 4, 8^2, 12^3\})$	384
24	$\mathcal{O}(0; \{3, 4^3, 8^2, 12^3\})$	1536
24	$\mathcal{O}(0; \{3^2, 4, 6, 8^2, 12^3\})$	1408
24	$\mathcal{O}(0; \{2, 4, 6^2, 8^2, 12^3\})$	640

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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	$\mathcal{O}(0; \{2, 3, 8^4, 12^3\})$	3072
24	$\mathcal{O}(0; \{2^4, 8^2, 12^4\})$	384
24	$\mathcal{O}(0; \{3^3, 8^2, 12^4\})$	2688
24	$\mathcal{O}(0; \{2, 4^2, 8^2, 12^4\})$	1536
24	$\mathcal{O}(0; \{2, 3, 6, 8^2, 12^4\})$	1408
24	$\mathcal{O}(0; \{2^7, 3^2, 4, 8, 24\})$	16
24	$\mathcal{O}(0; \{2^3, 3^5, 4, 8, 24\})$	176
24	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 8, 24\})$	64
24	$\mathcal{O}(0; \{3^5, 4^3, 8, 24\})$	704
24	$\mathcal{O}(0; \{2, 3^2, 4^5, 8, 24\})$	256
24	$\mathcal{O}(0; \{2^8, 4, 6, 8, 24\})$	16
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 6, 8, 24\})$	80
24	$\mathcal{O}(0; \{3^6, 4, 6, 8, 24\})$	688
24	$\mathcal{O}(0; \{2^5, 4^3, 6, 8, 24\})$	64
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 6, 8, 24\})$	320
24	$\mathcal{O}(0; \{2^2, 4^5, 6, 8, 24\})$	256
24	$\mathcal{O}(0; \{2^5, 3, 4, 6^2, 8, 24\})$	48
24	$\mathcal{O}(0; \{2, 3^4, 4, 6^2, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^2, 8, 24\})$	192
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^3, 8, 24\})$	176
24	$\mathcal{O}(0; \{2^3, 4, 6^4, 8, 24\})$	80
24	$\mathcal{O}(0; \{4^3, 6^4, 8, 24\})$	320
24	$\mathcal{O}(0; \{3, 4, 6^5, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^5, 3^2, 8^3, 24\})$	128
24	$\mathcal{O}(0; \{2, 3^5, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 8^3, 24\})$	512
24	$\mathcal{O}(0; \{2^6, 6, 8^3, 24\})$	128
24	$\mathcal{O}(0; \{2^2, 3^3, 6, 8^3, 24\})$	640
24	$\mathcal{O}(0; \{2^3, 4^2, 6, 8^3, 24\})$	512
24	$\mathcal{O}(0; \{4^4, 6, 8^3, 24\})$	2048
24	$\mathcal{O}(0; \{2^3, 3, 6^2, 8^3, 24\})$	384
24	$\mathcal{O}(0; \{3, 4^2, 6^2, 8^3, 24\})$	1536
24	$\mathcal{O}(0; \{3^2, 6^3, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{2, 6^4, 8^3, 24\})$	640
24	$\mathcal{O}(0; \{3^2, 4, 8^5, 24\})$	4096
24	$\mathcal{O}(0; \{2, 4, 6, 8^5, 24\})$	4096
24	$\mathcal{O}(0; \{2^8, 3, 8, 12, 24\})$	16
24	$\mathcal{O}(0; \{2^4, 3^4, 8, 12, 24\})$	176
24	$\mathcal{O}(0; \{3^7, 8, 12, 24\})$	1360
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 8, 12, 24\})$	64
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 8, 12, 24\})$	704
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 8, 12, 24\})$	256
24	$\mathcal{O}(0; \{2^5, 3^2, 6, 8, 12, 24\})$	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	$\mathcal{O}(0; \{2, 3^5, 6, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6, 8, 12, 24\})$	320
24	$\mathcal{O}(0; \{2^6, 6^2, 8, 12, 24\})$	48
24	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{2^3, 4^2, 6^2, 8, 12, 24\})$	192
24	$\mathcal{O}(0; \{4^4, 6^2, 8, 12, 24\})$	768
24	$\mathcal{O}(0; \{2^3, 3, 6^3, 8, 12, 24\})$	176
24	$\mathcal{O}(0; \{3, 4^2, 6^3, 8, 12, 24\})$	704
24	$\mathcal{O}(0; \{3^2, 6^4, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2, 6^5, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{2^3, 3, 4, 8^3, 12, 24\})$	512
24	$\mathcal{O}(0; \{3, 4^3, 8^3, 12, 24\})$	2048
24	$\mathcal{O}(0; \{3^2, 4, 6, 8^3, 12, 24\})$	2560
24	$\mathcal{O}(0; \{2, 4, 6^2, 8^3, 12, 24\})$	1536
24	$\mathcal{O}(0; \{2, 3, 8^5, 12, 24\})$	4096
24	$\mathcal{O}(0; \{2^6, 4, 8, 12^2, 24\})$	64
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 8, 12^2, 24\})$	704
24	$\mathcal{O}(0; \{2^3, 4^3, 8, 12^2, 24\})$	256
24	$\mathcal{O}(0; \{4^5, 8, 12^2, 24\})$	1024
24	$\mathcal{O}(0; \{2^3, 3, 4, 6, 8, 12^2, 24\})$	320
24	$\mathcal{O}(0; \{3, 4^3, 6, 8, 12^2, 24\})$	1280
24	$\mathcal{O}(0; \{3^2, 4, 6^2, 8, 12^2, 24\})$	1344
24	$\mathcal{O}(0; \{2, 4, 6^3, 8, 12^2, 24\})$	704
24	$\mathcal{O}(0; \{2^4, 8^3, 12^2, 24\})$	512
24	$\mathcal{O}(0; \{3^3, 8^3, 12^2, 24\})$	5632
24	$\mathcal{O}(0; \{2, 4^2, 8^3, 12^2, 24\})$	2048
24	$\mathcal{O}(0; \{2, 3, 6, 8^3, 12^2, 24\})$	2560
24	$\mathcal{O}(0; \{2^3, 3^2, 8, 12^3, 24\})$	704
24	$\mathcal{O}(0; \{3^2, 4^2, 8, 12^3, 24\})$	2816
24	$\mathcal{O}(0; \{2^4, 6, 8, 12^3, 24\})$	320
24	$\mathcal{O}(0; \{3^3, 6, 8, 12^3, 24\})$	2752
24	$\mathcal{O}(0; \{2, 4^2, 6, 8, 12^3, 24\})$	1280
24	$\mathcal{O}(0; \{2, 3, 6^2, 8, 12^3, 24\})$	1344
24	$\mathcal{O}(0; \{2, 3, 4, 8, 12^4, 24\})$	2816
24	$\mathcal{O}(0; \{2^2, 8, 12^5, 24\})$	2816
24	$\mathcal{O}(0; \{2^{11}, 24^2\})$	8
24	$\mathcal{O}(0; \{2^7, 3^3, 24^2\})$	40
24	$\mathcal{O}(0; \{2^3, 3^6, 24^2\})$	344
24	$\mathcal{O}(0; \{2^8, 4^2, 24^2\})$	32
24	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 24^2\})$	160
24	$\mathcal{O}(0; \{3^6, 4^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^5, 4^4, 24^2\})$	128
24	$\mathcal{O}(0; \{2, 3^3, 4^4, 24^2\})$	640

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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	$\mathcal{O}(0; \{2^2, 4^6, 24^2\})$	512
24	$\mathcal{O}(0; \{2^8, 3, 6, 24^2\})$	24
24	$\mathcal{O}(0; \{2^4, 3^4, 6, 24^2\})$	168
24	$\mathcal{O}(0; \{3^7, 6, 24^2\})$	1368
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 6, 24^2\})$	96
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 6, 24^2\})$	672
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 6, 24^2\})$	384
24	$\mathcal{O}(0; \{2^5, 3^2, 6^2, 24^2\})$	88
24	$\mathcal{O}(0; \{2, 3^5, 6^2, 24^2\})$	680
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^2, 24^2\})$	352
24	$\mathcal{O}(0; \{2^6, 6^3, 24^2\})$	40
24	$\mathcal{O}(0; \{2^2, 3^3, 6^3, 24^2\})$	344
24	$\mathcal{O}(0; \{2^3, 4^2, 6^3, 24^2\})$	160
24	$\mathcal{O}(0; \{4^4, 6^3, 24^2\})$	640
24	$\mathcal{O}(0; \{2^3, 3, 6^4, 24^2\})$	168
24	$\mathcal{O}(0; \{3, 4^2, 6^4, 24^2\})$	672
24	$\mathcal{O}(0; \{3^2, 6^5, 24^2\})$	680
24	$\mathcal{O}(0; \{2, 6^6, 24^2\})$	344
24	$\mathcal{O}(0; \{2^6, 4, 8^2, 24^2\})$	256
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 8^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^3, 4^3, 8^2, 24^2\})$	1024
24	$\mathcal{O}(0; \{4^5, 8^2, 24^2\})$	4096
24	$\mathcal{O}(0; \{2^3, 3, 4, 6, 8^2, 24^2\})$	768
24	$\mathcal{O}(0; \{3, 4^3, 6, 8^2, 24^2\})$	3072
24	$\mathcal{O}(0; \{3^2, 4, 6^2, 8^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2, 4, 6^3, 8^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^4, 8^4, 24^2\})$	2048
24	$\mathcal{O}(0; \{3^3, 8^4, 24^2\})$	10240
24	$\mathcal{O}(0; \{2, 4^2, 8^4, 24^2\})$	8192
24	$\mathcal{O}(0; \{2, 3, 6, 8^4, 24^2\})$	6144
24	$\mathcal{O}(0; \{2^5, 3^2, 4, 12, 24^2\})$	160
24	$\mathcal{O}(0; \{2, 3^5, 4, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 12, 24^2\})$	640
24	$\mathcal{O}(0; \{2^6, 4, 6, 12, 24^2\})$	96
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 6, 12, 24^2\})$	672
24	$\mathcal{O}(0; \{2^3, 4^3, 6, 12, 24^2\})$	384
24	$\mathcal{O}(0; \{4^5, 6, 12, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^3, 3, 4, 6^2, 12, 24^2\})$	352
24	$\mathcal{O}(0; \{3, 4^3, 6^2, 12, 24^2\})$	1408
24	$\mathcal{O}(0; \{3^2, 4, 6^3, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2, 4, 6^4, 12, 24^2\})$	672
24	$\mathcal{O}(0; \{2^3, 3^2, 8^2, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{3^2, 4^2, 8^2, 12, 24^2\})$	5120

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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	$\mathcal{O}(0; \{2^4, 6, 8^2, 12, 24^2\})$	768
24	$\mathcal{O}(0; \{3^3, 6, 8^2, 12, 24^2\})$	5376
24	$\mathcal{O}(0; \{2, 4^2, 6, 8^2, 12, 24^2\})$	3072
24	$\mathcal{O}(0; \{2, 3, 6^2, 8^2, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^6, 3, 12^2, 24^2\})$	160
24	$\mathcal{O}(0; \{2^2, 3^4, 12^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 12^2, 24^2\})$	640
24	$\mathcal{O}(0; \{3, 4^4, 12^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^3, 3^2, 6, 12^2, 24^2\})$	672
24	$\mathcal{O}(0; \{3^2, 4^2, 6, 12^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^4, 6^2, 12^2, 24^2\})$	352
24	$\mathcal{O}(0; \{3^3, 6^2, 12^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2, 4^2, 6^2, 12^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{2, 3, 6^3, 12^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{2, 3, 4, 8^2, 12^2, 24^2\})$	5120
24	$\mathcal{O}(0; \{2^4, 4, 12^3, 24^2\})$	640
24	$\mathcal{O}(0; \{3^3, 4, 12^3, 24^2\})$	5504
24	$\mathcal{O}(0; \{2, 4^3, 12^3, 24^2\})$	2560
24	$\mathcal{O}(0; \{2, 3, 4, 6, 12^3, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^2, 8^2, 12^3, 24^2\})$	5120
24	$\mathcal{O}(0; \{2, 3^2, 12^4, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^2, 6, 12^4, 24^2\})$	2688
24	$\mathcal{O}(0; \{12^6, 24^2\})$	22016
24	$\mathcal{O}(0; \{2^6, 3, 8, 24^3\})$	384
24	$\mathcal{O}(0; \{2^2, 3^4, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 8, 24^3\})$	1536
24	$\mathcal{O}(0; \{3, 4^4, 8, 24^3\})$	6144
24	$\mathcal{O}(0; \{2^3, 3^2, 6, 8, 24^3\})$	1408
24	$\mathcal{O}(0; \{3^2, 4^2, 6, 8, 24^3\})$	5632
24	$\mathcal{O}(0; \{2^4, 6^2, 8, 24^3\})$	640
24	$\mathcal{O}(0; \{3^3, 6^2, 8, 24^3\})$	5504
24	$\mathcal{O}(0; \{2, 4^2, 6^2, 8, 24^3\})$	2560
24	$\mathcal{O}(0; \{2, 3, 6^3, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{2, 3, 4, 8^3, 24^3\})$	12288
24	$\mathcal{O}(0; \{2^4, 4, 8, 12, 24^3\})$	1536
24	$\mathcal{O}(0; \{3^3, 4, 8, 12, 24^3\})$	10752
24	$\mathcal{O}(0; \{2, 4^3, 8, 12, 24^3\})$	6144
24	$\mathcal{O}(0; \{2, 3, 4, 6, 8, 12, 24^3\})$	5632
24	$\mathcal{O}(0; \{2^2, 8^3, 12, 24^3\})$	12288
24	$\mathcal{O}(0; \{2, 3^2, 8, 12^2, 24^3\})$	10752
24	$\mathcal{O}(0; \{2^2, 6, 8, 12^2, 24^3\})$	5632
24	$\mathcal{O}(0; \{8, 12^4, 24^3\})$	43008
24	$\mathcal{O}(0; \{2^3, 3^2, 4, 24^4\})$	2816

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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	$\mathcal{O}(0; \{3^2, 4^3, 24^4\})$	11264
24	$\mathcal{O}(0; \{2^4, 4, 6, 24^4\})$	1280
24	$\mathcal{O}(0; \{3^3, 4, 6, 24^4\})$	11008
24	$\mathcal{O}(0; \{2, 4^3, 6, 24^4\})$	5120
24	$\mathcal{O}(0; \{2, 3, 4, 6^2, 24^4\})$	5376
24	$\mathcal{O}(0; \{2, 3^2, 8^2, 24^4\})$	22528
24	$\mathcal{O}(0; \{2^2, 6, 8^2, 24^4\})$	10240
24	$\mathcal{O}(0; \{2^4, 3, 12, 24^4\})$	2816
24	$\mathcal{O}(0; \{3^4, 12, 24^4\})$	21760
24	$\mathcal{O}(0; \{2, 3, 4^2, 12, 24^4\})$	11264
24	$\mathcal{O}(0; \{2, 3^2, 6, 12, 24^4\})$	11008
24	$\mathcal{O}(0; \{2^2, 6^2, 12, 24^4\})$	5376
24	$\mathcal{O}(0; \{2^2, 4, 12^2, 24^4\})$	11264
24	$\mathcal{O}(0; \{8^2, 12^2, 24^4\})$	90112
24	$\mathcal{O}(0; \{6, 12^3, 24^4\})$	44032
24	$\mathcal{O}(0; \{2^2, 4, 8, 24^5\})$	20480
24	$\mathcal{O}(0; \{8^3, 24^5\})$	163840
24	$\mathcal{O}(0; \{6, 8, 12, 24^5\})$	86016
24	$\mathcal{O}(0; \{2^2, 3, 24^6\})$	43008
24	$\mathcal{O}(0; \{6^2, 24^6\})$	88064
24	$\mathcal{O}(0; \{4, 12, 24^6\})$	172032
25	$\mathcal{O}(2; \{5^4\})$	20280000
25	$\mathcal{O}(0; \{5^3, 25^5\})$	8160000
26	$\mathcal{O}(3; \{2^2\})$	308915712
26	$\mathcal{O}(2; \{2^6\})$	456960
26	$\mathcal{O}(1; \{2^{10}\})$	672
26	$\mathcal{O}(0; \{2, 13^6, 26\})$	2756292
27	$\mathcal{O}(2; \{9, 27^2\})$	57395628
27	$\mathcal{O}(1; \{3^3, 9, 27^2\})$	629856
27	$\mathcal{O}(1; \{27^5\})$	47829690
27	$\mathcal{O}(0; \{3^6, 9, 27^2\})$	6912
27	$\mathcal{O}(0; \{3^2, 9^4, 27^2\})$	93312
27	$\mathcal{O}(0; \{3^3, 27^5\})$	524880
28	$\mathcal{O}(2; \{4, 14, 28\})$	7375872
28	$\mathcal{O}(1; \{2, 4^2, 7^2, 14\})$	47040
28	$\mathcal{O}(1; \{2^4, 4, 14, 28\})$	9408
28	$\mathcal{O}(1; \{2, 4^3, 14, 28\})$	37632
28	$\mathcal{O}(1; \{2^2, 7^2, 28^2\})$	291648
28	$\mathcal{O}(1; \{7, 14^2, 28^2\})$	1740480
28	$\mathcal{O}(1; \{2^2, 4, 28^3\})$	188160
28	$\mathcal{O}(0; \{4^2, 7^6\})$	13332
28	$\mathcal{O}(0; \{2^5, 4^2, 7^2, 14\})$	60
28	$\mathcal{O}(0; \{2^2, 4^4, 7^2, 14\})$	240

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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	$\mathcal{O}(0; \{2^3, 4^2, 7, 14^3\})$	372
28	$\mathcal{O}(0; \{4^4, 7, 14^3\})$	1488
28	$\mathcal{O}(0; \{2, 4^2, 14^5\})$	2220
28	$\mathcal{O}(0; \{2^3, 4, 7^4, 28\})$	2220
28	$\mathcal{O}(0; \{4^3, 7^4, 28\})$	8880
28	$\mathcal{O}(0; \{2^8, 4, 14, 28\})$	12
28	$\mathcal{O}(0; \{2^5, 4^3, 14, 28\})$	48
28	$\mathcal{O}(0; \{2^2, 4^5, 14, 28\})$	192
28	$\mathcal{O}(0; \{2, 4, 7^3, 14^2, 28\})$	13332
28	$\mathcal{O}(0; \{2^6, 7^2, 28^2\})$	372
28	$\mathcal{O}(0; \{2^3, 4^2, 7^2, 28^2\})$	1488
28	$\mathcal{O}(0; \{4^4, 7^2, 28^2\})$	5952
28	$\mathcal{O}(0; \{2^4, 7, 14^2, 28^2\})$	2220
28	$\mathcal{O}(0; \{2, 4^2, 7, 14^2, 28^2\})$	8880
28	$\mathcal{O}(0; \{2^2, 14^4, 28^2\})$	13332
28	$\mathcal{O}(0; \{2^6, 4, 28^3\})$	240
28	$\mathcal{O}(0; \{2^3, 4^3, 28^3\})$	960
28	$\mathcal{O}(0; \{4^5, 28^3\})$	3840
28	$\mathcal{O}(0; \{2^2, 7, 14, 28^4\})$	53328
28	$\mathcal{O}(0; \{14^3, 28^4\})$	319920
28	$\mathcal{O}(0; \{7, 28^6\})$	1279680
30	$\mathcal{O}(2; \{2^2, 3^2\})$	1617408
30	$\mathcal{O}(2; \{3, 6^2\})$	1617408
30	$\mathcal{O}(1; \{2^6, 3^2\})$	1728
30	$\mathcal{O}(1; \{2^2, 3^5\})$	8640
30	$\mathcal{O}(1; \{2^3, 3^3, 6\})$	5184
30	$\mathcal{O}(1; \{2^4, 3, 6^2\})$	1728
30	$\mathcal{O}(1; \{3^4, 6^2\})$	19008
30	$\mathcal{O}(1; \{2, 3^2, 6^3\})$	8640
30	$\mathcal{O}(1; \{2^2, 6^4\})$	5184
30	$\mathcal{O}(1; \{2, 3^2, 5^2, 10\})$	21600
30	$\mathcal{O}(1; \{2, 3^3, 10, 15\})$	21600
30	$\mathcal{O}(1; \{2^2, 3, 6, 10, 15\})$	7200
30	$\mathcal{O}(1; \{6^3, 10, 15\})$	21600
30	$\mathcal{O}(1; \{2^2, 3, 5, 15^2\})$	21600
30	$\mathcal{O}(1; \{5, 6^2, 15^2\})$	64800
30	$\mathcal{O}(1; \{3, 10^2, 15^2\})$	93600
30	$\mathcal{O}(1; \{2^2, 3, 5, 10, 30\})$	21600
30	$\mathcal{O}(1; \{5, 6^2, 10, 30\})$	21600
30	$\mathcal{O}(1; \{3, 10^3, 30\})$	93600
30	$\mathcal{O}(1; \{5^2, 6, 15, 30\})$	93600
30	$\mathcal{O}(1; \{2^3, 15^2, 30\})$	21600
30	$\mathcal{O}(1; \{3, 6, 15^2, 30\})$	108000

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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	$\mathcal{O}(1; \{5^3, 30^2\})$	367200
30	$\mathcal{O}(1; \{2^3, 10, 30^2\})$	21600
30	$\mathcal{O}(1; \{3, 6, 10, 30^2\})$	64800
30	$\mathcal{O}(1; \{3, 5, 15, 30^2\})$	280800
30	$\mathcal{O}(1; \{2, 15, 30^3\})$	280800
30	$\mathcal{O}(0; \{2^2, 3^2, 5^5\})$	408
30	$\mathcal{O}(0; \{3, 5^5, 6^2\})$	408
30	$\mathcal{O}(0; \{2^5, 3^2, 5^2, 10\})$	24
30	$\mathcal{O}(0; \{2, 3^5, 5^2, 10\})$	120
30	$\mathcal{O}(0; \{2^2, 3^3, 5^2, 6, 10\})$	72
30	$\mathcal{O}(0; \{2^3, 3, 5^2, 6^2, 10\})$	24
30	$\mathcal{O}(0; \{3^2, 5^2, 6^3, 10\})$	120
30	$\mathcal{O}(0; \{2, 5^2, 6^4, 10\})$	72
30	$\mathcal{O}(0; \{3^2, 5^4, 10^2\})$	1640
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 10^3\})$	104
30	$\mathcal{O}(0; \{3^3, 5, 6, 10^3\})$	312
30	$\mathcal{O}(0; \{2, 3, 5, 6^2, 10^3\})$	104
30	$\mathcal{O}(0; \{2, 3^2, 10^5\})$	408
30	$\mathcal{O}(0; \{2^2, 3^3, 5^3, 15\})$	312
30	$\mathcal{O}(0; \{2^3, 3, 5^3, 6, 15\})$	104
30	$\mathcal{O}(0; \{3^2, 5^3, 6^2, 15\})$	520
30	$\mathcal{O}(0; \{2, 5^3, 6^3, 15\})$	312
30	$\mathcal{O}(0; \{2^5, 3^3, 10, 15\})$	24
30	$\mathcal{O}(0; \{2, 3^6, 10, 15\})$	168
30	$\mathcal{O}(0; \{2^6, 3, 6, 10, 15\})$	8
30	$\mathcal{O}(0; \{2^2, 3^4, 6, 10, 15\})$	88
30	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 10, 15\})$	40
30	$\mathcal{O}(0; \{2^4, 6^3, 10, 15\})$	24
30	$\mathcal{O}(0; \{3^3, 6^3, 10, 15\})$	168
30	$\mathcal{O}(0; \{2, 3, 6^4, 10, 15\})$	88
30	$\mathcal{O}(0; \{3^3, 5^2, 10^2, 15\})$	1224
30	$\mathcal{O}(0; \{2, 3, 5^2, 6, 10^2, 15\})$	408
30	$\mathcal{O}(0; \{2^6, 3, 5, 15^2\})$	24
30	$\mathcal{O}(0; \{2^2, 3^4, 5, 15^2\})$	264
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 6, 15^2\})$	120
30	$\mathcal{O}(0; \{2^4, 5, 6^2, 15^2\})$	72
30	$\mathcal{O}(0; \{3^3, 5, 6^2, 15^2\})$	504
30	$\mathcal{O}(0; \{2, 3, 5, 6^3, 15^2\})$	264
30	$\mathcal{O}(0; \{2, 3, 5^3, 10, 15^2\})$	1640
30	$\mathcal{O}(0; \{2^4, 3, 10^2, 15^2\})$	104
30	$\mathcal{O}(0; \{3^4, 10^2, 15^2\})$	1144
30	$\mathcal{O}(0; \{2, 3^2, 6, 10^2, 15^2\})$	520
30	$\mathcal{O}(0; \{2^2, 6^2, 10^2, 15^2\})$	312

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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	$\mathcal{O}(0; \{2, 3^2, 5, 10, 15^3\})$	2040
30	$\mathcal{O}(0; \{2^2, 5, 6, 10, 15^3\})$	1224
30	$\mathcal{O}(0; \{6, 10^3, 15^3\})$	4920
30	$\mathcal{O}(0; \{2^2, 5^2, 15^4\})$	4920
30	$\mathcal{O}(0; \{5, 10^2, 15^4\})$	19656
30	$\mathcal{O}(0; \{2^2, 3, 15^5\})$	4488
30	$\mathcal{O}(0; \{6^2, 15^5\})$	8568
30	$\mathcal{O}(0; \{2^3, 3, 5^4, 30\})$	408
30	$\mathcal{O}(0; \{3^2, 5^4, 6, 30\})$	1224
30	$\mathcal{O}(0; \{2, 5^4, 6^2, 30\})$	408
30	$\mathcal{O}(0; \{2^6, 3, 5, 10, 30\})$	24
30	$\mathcal{O}(0; \{2^2, 3^4, 5, 10, 30\})$	120
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 6, 10, 30\})$	72
30	$\mathcal{O}(0; \{2^4, 5, 6^2, 10, 30\})$	24
30	$\mathcal{O}(0; \{3^3, 5, 6^2, 10, 30\})$	264
30	$\mathcal{O}(0; \{2, 3, 5, 6^3, 10, 30\})$	120
30	$\mathcal{O}(0; \{2, 3, 5^3, 10^2, 30\})$	1640
30	$\mathcal{O}(0; \{2^4, 3, 10^3, 30\})$	104
30	$\mathcal{O}(0; \{3^4, 10^3, 30\})$	520
30	$\mathcal{O}(0; \{2, 3^2, 6, 10^3, 30\})$	312
30	$\mathcal{O}(0; \{2^2, 6^2, 10^3, 30\})$	104
30	$\mathcal{O}(0; \{2^3, 3^2, 5^2, 15, 30\})$	312
30	$\mathcal{O}(0; \{2^4, 5^2, 6, 15, 30\})$	104
30	$\mathcal{O}(0; \{3^3, 5^2, 6, 15, 30\})$	1144
30	$\mathcal{O}(0; \{2, 3, 5^2, 6^2, 15, 30\})$	520
30	$\mathcal{O}(0; \{2, 3^2, 5, 10^2, 15, 30\})$	1224
30	$\mathcal{O}(0; \{2^2, 5, 6, 10^2, 15, 30\})$	408
30	$\mathcal{O}(0; \{6, 10^4, 15, 30\})$	1640
30	$\mathcal{O}(0; \{2^7, 15^2, 30\})$	24
30	$\mathcal{O}(0; \{2^3, 3^3, 15^2, 30\})$	264
30	$\mathcal{O}(0; \{2^4, 3, 6, 15^2, 30\})$	120
30	$\mathcal{O}(0; \{3^4, 6, 15^2, 30\})$	1032
30	$\mathcal{O}(0; \{2, 3^2, 6^2, 15^2, 30\})$	504
30	$\mathcal{O}(0; \{2^2, 6^3, 15^2, 30\})$	264
30	$\mathcal{O}(0; \{2^2, 5^2, 10, 15^2, 30\})$	1640
30	$\mathcal{O}(0; \{5, 10^3, 15^2, 30\})$	6552
30	$\mathcal{O}(0; \{2^2, 3, 10, 15^3, 30\})$	2040
30	$\mathcal{O}(0; \{6^2, 10, 15^3, 30\})$	4488
30	$\mathcal{O}(0; \{5, 6, 15^4, 30\})$	18040
30	$\mathcal{O}(0; \{2^4, 5^3, 30^2\})$	408
30	$\mathcal{O}(0; \{3^3, 5^3, 30^2\})$	2040
30	$\mathcal{O}(0; \{2, 3, 5^3, 6, 30^2\})$	1224
30	$\mathcal{O}(0; \{2^7, 10, 30^2\})$	24

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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	$\mathcal{O}(0; \{2^3, 3^3, 10, 30^2\})$	120
30	$\mathcal{O}(0; \{2^4, 3, 6, 10, 30^2\})$	72
30	$\mathcal{O}(0; \{3^4, 6, 10, 30^2\})$	504
30	$\mathcal{O}(0; \{2, 3^2, 6^2, 10, 30^2\})$	264
30	$\mathcal{O}(0; \{2^2, 6^3, 10, 30^2\})$	120
30	$\mathcal{O}(0; \{2^2, 5^2, 10^2, 30^2\})$	1640
30	$\mathcal{O}(0; \{5, 10^4, 30^2\})$	6552
30	$\mathcal{O}(0; \{2^4, 3, 5, 15, 30^2\})$	312
30	$\mathcal{O}(0; \{3^4, 5, 15, 30^2\})$	2184
30	$\mathcal{O}(0; \{2, 3^2, 5, 6, 15, 30^2\})$	1144
30	$\mathcal{O}(0; \{2^2, 5, 6^2, 15, 30^2\})$	520
30	$\mathcal{O}(0; \{2^2, 3, 10^2, 15, 30^2\})$	1224
30	$\mathcal{O}(0; \{6^2, 10^2, 15, 30^2\})$	2040
30	$\mathcal{O}(0; \{5, 6, 10, 15^2, 30^2\})$	8200
30	$\mathcal{O}(0; \{5^2, 15^3, 30^2\})$	32760
30	$\mathcal{O}(0; \{3, 15^4, 30^2\})$	34440
30	$\mathcal{O}(0; \{2, 3^2, 5^2, 30^3\})$	2040
30	$\mathcal{O}(0; \{2^2, 5^2, 6, 30^3\})$	1224
30	$\mathcal{O}(0; \{5, 6, 10^2, 30^3\})$	4920
30	$\mathcal{O}(0; \{2^5, 15, 30^3\})$	312
30	$\mathcal{O}(0; \{2, 3^3, 15, 30^3\})$	2184
30	$\mathcal{O}(0; \{2^2, 3, 6, 15, 30^3\})$	1144
30	$\mathcal{O}(0; \{6^3, 15, 30^3\})$	2184
30	$\mathcal{O}(0; \{5^2, 10, 15, 30^3\})$	19656
30	$\mathcal{O}(0; \{3, 10, 15^2, 30^3\})$	18040
30	$\mathcal{O}(0; \{2^2, 3, 5, 30^4\})$	2040
30	$\mathcal{O}(0; \{5, 6^2, 30^4\})$	4488
30	$\mathcal{O}(0; \{3, 10^2, 30^4\})$	8200
30	$\mathcal{O}(0; \{2^3, 30^5\})$	2040
30	$\mathcal{O}(0; \{3, 6, 30^5\})$	8568
32	$\mathcal{O}(1; \{2, 4, 8, 32^2\})$	131072
32	$\mathcal{O}(0; \{2^5, 4, 8, 32^2\})$	128
32	$\mathcal{O}(0; \{2^2, 4^3, 8, 32^2\})$	512
32	$\mathcal{O}(0; \{2^3, 8^3, 32^2\})$	1024
32	$\mathcal{O}(0; \{4^2, 8^3, 32^2\})$	4096
32	$\mathcal{O}(0; \{2^3, 4, 16^2, 32^2\})$	2048
32	$\mathcal{O}(0; \{4^3, 16^2, 32^2\})$	8192
32	$\mathcal{O}(0; \{2, 8^2, 16^2, 32^2\})$	16384
32	$\mathcal{O}(0; \{2, 4, 16, 32^4\})$	65536
33	$\mathcal{O}(2; \{33^2\})$	23718420
33	$\mathcal{O}(1; \{3^3, 33^2\})$	108900
33	$\mathcal{O}(0; \{3^2, 11^4, 33\})$	18180
33	$\mathcal{O}(0; \{3^6, 33^2\})$	860

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
34	$\mathcal{O}(1; \{2^2, 17^3\})$	277440
34	$\mathcal{O}(1; \{17^2, 34^2\})$	4457536
34	$\mathcal{O}(0; \{2^6, 17^3\})$	240
34	$\mathcal{O}(0; \{2^4, 17^2, 34^2\})$	3856
34	$\mathcal{O}(0; \{2^2, 17, 34^4\})$	61680
34	$\mathcal{O}(0; \{34^6\})$	986896
35	$\mathcal{O}(2; \{7^2\})$	8989344
35	$\mathcal{O}(1; \{5, 35^3\})$	1911000
35	$\mathcal{O}(0; \{5^5, 7^2\})$	1224
35	$\mathcal{O}(0; \{7, 35^5\})$	1359864
36	$\mathcal{O}(1; \{9^2, 12^2\})$	62208
36	$\mathcal{O}(1; \{2^2, 4, 9, 36\})$	15552
36	$\mathcal{O}(1; \{6, 9, 12, 36\})$	62208
36	$\mathcal{O}(1; \{4, 18^2, 36\})$	46656
36	$\mathcal{O}(1; \{2^2, 3, 36^2\})$	31104
36	$\mathcal{O}(1; \{6^2, 36^2\})$	62208
36	$\mathcal{O}(1; \{4, 12, 36^2\})$	124416
36	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 9^2\})$	48
36	$\mathcal{O}(0; \{2^3, 4^2, 6, 9^2\})$	24
36	$\mathcal{O}(0; \{4^4, 6, 9^2\})$	96
36	$\mathcal{O}(0; \{3, 4^2, 6^2, 9^2\})$	96
36	$\mathcal{O}(0; \{2^3, 3, 4, 9^2, 12\})$	48
36	$\mathcal{O}(0; \{3, 4^3, 9^2, 12\})$	192
36	$\mathcal{O}(0; \{3^2, 4, 6, 9^2, 12\})$	192
36	$\mathcal{O}(0; \{2, 4, 6^2, 9^2, 12\})$	96
36	$\mathcal{O}(0; \{2^4, 9^2, 12^2\})$	48
36	$\mathcal{O}(0; \{3^3, 9^2, 12^2\})$	384
36	$\mathcal{O}(0; \{2, 4^2, 9^2, 12^2\})$	192
36	$\mathcal{O}(0; \{2, 3, 6, 9^2, 12^2\})$	192
36	$\mathcal{O}(0; \{2, 4^2, 9^3, 18\})$	324
36	$\mathcal{O}(0; \{3^2, 4^2, 9, 18^2\})$	144
36	$\mathcal{O}(0; \{2, 4^2, 6, 9, 18^2\})$	72
36	$\mathcal{O}(0; \{2, 3, 4, 9, 12, 18^2\})$	144
36	$\mathcal{O}(0; \{2^2, 9, 12^2, 18^2\})$	144
36	$\mathcal{O}(0; \{12^2, 18^4\})$	1296
36	$\mathcal{O}(0; \{2^6, 4, 9, 36\})$	12
36	$\mathcal{O}(0; \{2^2, 3^3, 4, 9, 36\})$	96
36	$\mathcal{O}(0; \{2^3, 4^3, 9, 36\})$	48
36	$\mathcal{O}(0; \{4^5, 9, 36\})$	192
36	$\mathcal{O}(0; \{2^3, 3, 4, 6, 9, 36\})$	48
36	$\mathcal{O}(0; \{3, 4^3, 6, 9, 36\})$	192
36	$\mathcal{O}(0; \{3^2, 4, 6^2, 9, 36\})$	192
36	$\mathcal{O}(0; \{2, 4, 6^3, 9, 36\})$	96

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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	$\mathcal{O}(0; \{2^3, 3^2, 9, 12, 36\})$	96
36	$\mathcal{O}(0; \{3^2, 4^2, 9, 12, 36\})$	384
36	$\mathcal{O}(0; \{2^4, 6, 9, 12, 36\})$	48
36	$\mathcal{O}(0; \{3^3, 6, 9, 12, 36\})$	384
36	$\mathcal{O}(0; \{2, 4^2, 6, 9, 12, 36\})$	192
36	$\mathcal{O}(0; \{2, 3, 6^2, 9, 12, 36\})$	192
36	$\mathcal{O}(0; \{2, 3, 4, 9, 12^2, 36\})$	384
36	$\mathcal{O}(0; \{2^2, 9, 12^3, 36\})$	384
36	$\mathcal{O}(0; \{2, 3, 4, 9^2, 18, 36\})$	648
36	$\mathcal{O}(0; \{2^2, 9^2, 12, 18, 36\})$	648
36	$\mathcal{O}(0; \{2^4, 4, 18^2, 36\})$	36
36	$\mathcal{O}(0; \{3^3, 4, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{2, 4^3, 18^2, 36\})$	144
36	$\mathcal{O}(0; \{2, 3, 4, 6, 18^2, 36\})$	144
36	$\mathcal{O}(0; \{2, 3^2, 12, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{2^2, 6, 12, 18^2, 36\})$	144
36	$\mathcal{O}(0; \{12^3, 18^2, 36\})$	1152
36	$\mathcal{O}(0; \{9, 12, 18^3, 36\})$	3240
36	$\mathcal{O}(0; \{2^6, 3, 36^2\})$	24
36	$\mathcal{O}(0; \{2^2, 3^4, 36^2\})$	192
36	$\mathcal{O}(0; \{2^3, 3, 4^2, 36^2\})$	96
36	$\mathcal{O}(0; \{3, 4^4, 36^2\})$	384
36	$\mathcal{O}(0; \{2^3, 3^2, 6, 36^2\})$	96
36	$\mathcal{O}(0; \{3^2, 4^2, 6, 36^2\})$	384
36	$\mathcal{O}(0; \{2^4, 6^2, 36^2\})$	48
36	$\mathcal{O}(0; \{3^3, 6^2, 36^2\})$	384
36	$\mathcal{O}(0; \{2, 4^2, 6^2, 36^2\})$	192
36	$\mathcal{O}(0; \{2, 3, 6^3, 36^2\})$	192
36	$\mathcal{O}(0; \{2^2, 9^3, 36^2\})$	1620
36	$\mathcal{O}(0; \{2^4, 4, 12, 36^2\})$	96
36	$\mathcal{O}(0; \{3^3, 4, 12, 36^2\})$	768
36	$\mathcal{O}(0; \{2, 4^3, 12, 36^2\})$	384
36	$\mathcal{O}(0; \{2, 3, 4, 6, 12, 36^2\})$	384
36	$\mathcal{O}(0; \{2, 3^2, 12^2, 36^2\})$	768
36	$\mathcal{O}(0; \{2^2, 6, 12^2, 36^2\})$	384
36	$\mathcal{O}(0; \{12^4, 36^2\})$	3072
36	$\mathcal{O}(0; \{2, 3^2, 9, 18, 36^2\})$	1296
36	$\mathcal{O}(0; \{2^2, 6, 9, 18, 36^2\})$	648
36	$\mathcal{O}(0; \{9, 12^2, 18, 36^2\})$	5184
36	$\mathcal{O}(0; \{9^2, 18^2, 36^2\})$	10692
36	$\mathcal{O}(0; \{6, 18^3, 36^2\})$	3240
36	$\mathcal{O}(0; \{9^2, 12, 36^3\})$	12960
36	$\mathcal{O}(0; \{2^2, 4, 18, 36^3\})$	1296

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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	$\mathcal{O}(0; \{6, 12, 18, 36^3\})$	5184
36	$\mathcal{O}(0; \{6, 9, 36^4\})$	12960
36	$\mathcal{O}(0; \{4, 36^5\})$	25920
38	$\mathcal{O}(1; \{2^3, 19, 38\})$	25992
38	$\mathcal{O}(1; \{2, 38^3\})$	441864
38	$\mathcal{O}(0; \{2^7, 19, 38\})$	18
38	$\mathcal{O}(0; \{2^5, 38^3\})$	306
39	$\mathcal{O}(2; \{3^2\})$	4626720
39	$\mathcal{O}(1; \{3^5\})$	15120
39	$\mathcal{O}(0; \{3, 13^4, 39\})$	38280
40	$\mathcal{O}(1; \{2^3, 8^2\})$	6144
40	$\mathcal{O}(1; \{4^2, 8^2\})$	24576
40	$\mathcal{O}(1; \{2, 8, 10, 40\})$	25600
40	$\mathcal{O}(1; \{2, 5, 40^2\})$	76800
40	$\mathcal{O}(0; \{2^2, 5^2, 8^2, 10\})$	48
40	$\mathcal{O}(0; \{5, 8^2, 10^3\})$	208
40	$\mathcal{O}(0; \{2^2, 4, 5, 8^2, 20\})$	64
40	$\mathcal{O}(0; \{5, 8^4, 20\})$	512
40	$\mathcal{O}(0; \{4, 8^2, 10^2, 20\})$	192
40	$\mathcal{O}(0; \{5^2, 8^2, 20^2\})$	832
40	$\mathcal{O}(0; \{2^2, 5^3, 8, 40\})$	208
40	$\mathcal{O}(0; \{2^5, 8, 10, 40\})$	16
40	$\mathcal{O}(0; \{2^2, 4^2, 8, 10, 40\})$	64
40	$\mathcal{O}(0; \{4, 8^3, 10, 40\})$	512
40	$\mathcal{O}(0; \{5^2, 8, 10^2, 40\})$	816
40	$\mathcal{O}(0; \{4, 5, 8, 10, 20, 40\})$	832
40	$\mathcal{O}(0; \{2^3, 8, 20^2, 40\})$	192
40	$\mathcal{O}(0; \{4^2, 8, 20^2, 40\})$	768
40	$\mathcal{O}(0; \{2^5, 5, 40^2\})$	48
40	$\mathcal{O}(0; \{2^2, 4^2, 5, 40^2\})$	192
40	$\mathcal{O}(0; \{4, 5, 8^2, 40^2\})$	1536
40	$\mathcal{O}(0; \{5^3, 10, 40^2\})$	3280
40	$\mathcal{O}(0; \{2^3, 10^2, 40^2\})$	208
40	$\mathcal{O}(0; \{4^2, 10^2, 40^2\})$	832
40	$\mathcal{O}(0; \{4, 5^2, 20, 40^2\})$	3264
40	$\mathcal{O}(0; \{2, 10, 20^2, 40^2\})$	3264
40	$\mathcal{O}(0; \{2, 8, 20, 40^3\})$	6656
42	$\mathcal{O}(1; \{2, 3, 21, 42\})$	21168
42	$\mathcal{O}(0; \{6^2, 7^4\})$	372
42	$\mathcal{O}(0; \{3, 6, 7^2, 14, 21\})$	372
42	$\mathcal{O}(0; \{2^2, 3^2, 7, 21^2\})$	180
42	$\mathcal{O}(0; \{2^3, 6, 7, 21^2\})$	60
42	$\mathcal{O}(0; \{3, 6^2, 7, 21^2\})$	300

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{3^2, 14^2, 21^2\})$	1116
42	$\mathcal{O}(0; \{2, 6, 14^2, 21^2\})$	372
42	$\mathcal{O}(0; \{2^2, 3^2, 7, 14, 42\})$	60
42	$\mathcal{O}(0; \{2^3, 6, 7, 14, 42\})$	60
42	$\mathcal{O}(0; \{3, 6^2, 7, 14, 42\})$	180
42	$\mathcal{O}(0; \{3^2, 14^3, 42\})$	372
42	$\mathcal{O}(0; \{2, 6, 14^3, 42\})$	372
42	$\mathcal{O}(0; \{2^5, 3, 21, 42\})$	12
42	$\mathcal{O}(0; \{2, 3^4, 21, 42\})$	132
42	$\mathcal{O}(0; \{2^2, 3^2, 6, 21, 42\})$	60
42	$\mathcal{O}(0; \{2^3, 6^2, 21, 42\})$	36
42	$\mathcal{O}(0; \{3, 6^3, 21, 42\})$	132
42	$\mathcal{O}(0; \{2, 7^2, 21^2, 42\})$	2220
42	$\mathcal{O}(0; \{2, 7^2, 14, 42^2\})$	2220
42	$\mathcal{O}(0; \{3^2, 7, 21, 42^2\})$	1860
42	$\mathcal{O}(0; \{2, 6, 7, 21, 42^2\})$	1116
42	$\mathcal{O}(0; \{2^3, 3, 42^3\})$	180
42	$\mathcal{O}(0; \{3^2, 6, 42^3\})$	660
42	$\mathcal{O}(0; \{2, 6^2, 42^3\})$	300
44	$\mathcal{O}(1; \{2^2, 44^2\})$	38720
44	$\mathcal{O}(0; \{2, 4, 11^3, 44\})$	1820
44	$\mathcal{O}(0; \{2^6, 44^2\})$	20
44	$\mathcal{O}(0; \{2^3, 4^2, 44^2\})$	80
44	$\mathcal{O}(0; \{4^4, 44^2\})$	320
45	$\mathcal{O}(1; \{15, 45^2\})$	291600
45	$\mathcal{O}(0; \{3^2, 5, 9^2, 45\})$	288
45	$\mathcal{O}(0; \{3^2, 5^2, 45^2\})$	1248
45	$\mathcal{O}(0; \{3^3, 15, 45^2\})$	1152
45	$\mathcal{O}(0; \{45^5\})$	165240
46	$\mathcal{O}(0; \{2^2, 23^4\})$	10186
46	$\mathcal{O}(0; \{23^3, 46^2\})$	224070
48	$\mathcal{O}(1; \{4, 48^2\})$	73728
48	$\mathcal{O}(0; \{2^3, 3^2, 16^2\})$	16
48	$\mathcal{O}(0; \{3^2, 4^2, 16^2\})$	64
48	$\mathcal{O}(0; \{3^3, 6, 16^2\})$	48
48	$\mathcal{O}(0; \{2, 3, 6^2, 16^2\})$	16
48	$\mathcal{O}(0; \{2, 3, 4, 12, 16^2\})$	64
48	$\mathcal{O}(0; \{2^2, 12^2, 16^2\})$	64
48	$\mathcal{O}(0; \{12, 16^2, 24^2\})$	512
48	$\mathcal{O}(0; \{2, 3, 4, 8, 16, 48\})$	128
48	$\mathcal{O}(0; \{2^2, 8, 12, 16, 48\})$	128
48	$\mathcal{O}(0; \{12, 16^3, 48\})$	2048
48	$\mathcal{O}(0; \{2, 3^2, 16, 24, 48\})$	192

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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	$\mathcal{O}(0; \{2^2, 6, 16, 24, 48\})$	64
48	$\mathcal{O}(0; \{12^2, 16, 24, 48\})$	768
48	$\mathcal{O}(0; \{8, 16, 24^2, 48\})$	1024
48	$\mathcal{O}(0; \{2^4, 4, 48^2\})$	32
48	$\mathcal{O}(0; \{3^3, 4, 48^2\})$	160
48	$\mathcal{O}(0; \{2, 4^3, 48^2\})$	128
48	$\mathcal{O}(0; \{2, 3, 4, 6, 48^2\})$	96
48	$\mathcal{O}(0; \{2^2, 8^2, 48^2\})$	256
48	$\mathcal{O}(0; \{2, 3^2, 12, 48^2\})$	160
48	$\mathcal{O}(0; \{2^2, 6, 12, 48^2\})$	96
48	$\mathcal{O}(0; \{12^3, 48^2\})$	640
48	$\mathcal{O}(0; \{8, 16^2, 48^2\})$	4096
48	$\mathcal{O}(0; \{8, 12, 24, 48^2\})$	1536
48	$\mathcal{O}(0; \{6, 24^2, 48^2\})$	1280
48	$\mathcal{O}(0; \{6, 16, 48^3\})$	3072
49	$\mathcal{O}(0; \{7^2, 49^3\})$	52920
50	$\mathcal{O}(1; \{2^2, 5^2\})$	9600
50	$\mathcal{O}(1; \{5, 10^2\})$	28800
50	$\mathcal{O}(0; \{5, 10, 25^2, 50\})$	4800
51	$\mathcal{O}(0; \{3^4, 17^2\})$	96
51	$\mathcal{O}(0; \{3, 17, 51^3\})$	23136
52	$\mathcal{O}(1; \{2^2, 4^2\})$	5376
52	$\mathcal{O}(0; \{4, 13^3, 52\})$	3192
54	$\mathcal{O}(0; \{2^3, 27^2, 54\})$	162
54	$\mathcal{O}(0; \{3, 6, 27^2, 54\})$	648
54	$\mathcal{O}(0; \{3, 9^2, 54^2\})$	1296
54	$\mathcal{O}(0; \{2^3, 18, 54^2\})$	108
54	$\mathcal{O}(0; \{3, 6, 18, 54^2\})$	432
54	$\mathcal{O}(0; \{2, 27, 54^3\})$	4374
55	$\mathcal{O}(0; \{5^3, 55^2\})$	2040
56	$\mathcal{O}(0; \{7^3, 8^2\})$	120
56	$\mathcal{O}(0; \{4, 7, 8^2, 28\})$	96
56	$\mathcal{O}(0; \{4, 7^2, 8, 56\})$	240
56	$\mathcal{O}(0; \{2^3, 8, 28, 56\})$	48
56	$\mathcal{O}(0; \{4^2, 8, 28, 56\})$	192
56	$\mathcal{O}(0; \{2^3, 7, 56^2\})$	120
56	$\mathcal{O}(0; \{4^2, 7, 56^2\})$	480
56	$\mathcal{O}(0; \{2, 14^2, 56^2\})$	744
56	$\mathcal{O}(0; \{2, 8, 56^3\})$	1920
57	$\mathcal{O}(0; \{3^2, 57^3\})$	3060
60	$\mathcal{O}(0; \{4^2, 6, 10, 15\})$	16
60	$\mathcal{O}(0; \{3, 4, 10, 12, 15\})$	16
60	$\mathcal{O}(0; \{2, 10, 12^2, 15\})$	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	$\mathcal{O}(0; \{4^2, 5, 15^2\})$	48
60	$\mathcal{O}(0; \{4, 5, 6^2, 20\})$	16
60	$\mathcal{O}(0; \{3, 5, 6, 12, 20\})$	16
60	$\mathcal{O}(0; \{3^2, 15, 20^2\})$	48
60	$\mathcal{O}(0; \{2, 6, 15, 20^2\})$	48
60	$\mathcal{O}(0; \{3, 4, 6, 20, 30\})$	16
60	$\mathcal{O}(0; \{3^2, 12, 20, 30\})$	48
60	$\mathcal{O}(0; \{2, 6, 12, 20, 30\})$	16
60	$\mathcal{O}(0; \{4, 5^2, 6, 60\})$	48
60	$\mathcal{O}(0; \{3, 5^2, 12, 60\})$	48
60	$\mathcal{O}(0; \{2^3, 4, 15, 60\})$	16
60	$\mathcal{O}(0; \{4^3, 15, 60\})$	64
60	$\mathcal{O}(0; \{3, 4, 6, 15, 60\})$	48
60	$\mathcal{O}(0; \{3^2, 12, 15, 60\})$	80
60	$\mathcal{O}(0; \{2, 6, 12, 15, 60\})$	48
60	$\mathcal{O}(0; \{3^2, 10, 20, 60\})$	48
60	$\mathcal{O}(0; \{2, 6, 10, 20, 60\})$	48
60	$\mathcal{O}(0; \{2, 5, 15, 20, 60\})$	208
60	$\mathcal{O}(0; \{3, 4, 5, 30, 60\})$	48
60	$\mathcal{O}(0; \{2, 5, 12, 30, 60\})$	48
60	$\mathcal{O}(0; \{2, 4, 30^2, 60\})$	48
60	$\mathcal{O}(0; \{2, 5, 10, 60^2\})$	208
60	$\mathcal{O}(0; \{2, 4, 20, 60^2\})$	192
63	$\mathcal{O}(0; \{3^2, 7, 9, 63\})$	144
65	$\mathcal{O}(2; \emptyset)$	17821440
66	$\mathcal{O}(1; \{66^2\})$	87120
66	$\mathcal{O}(0; \{2, 3, 11^2, 66\})$	180
66	$\mathcal{O}(0; \{2^4, 66^2\})$	20
66	$\mathcal{O}(0; \{3^3, 66^2\})$	100
66	$\mathcal{O}(0; \{2, 3, 6, 66^2\})$	60
67	$\mathcal{O}(0; \{67^4\})$	283206
68	$\mathcal{O}(0; \{2, 4^2, 17, 34\})$	32
68	$\mathcal{O}(0; \{2^2, 17, 68^2\})$	480
68	$\mathcal{O}(0; \{34^2, 68^2\})$	7712
69	$\mathcal{O}(0; \{23^2, 69^2\})$	20372
70	$\mathcal{O}(1; \{14^2\})$	28224
70	$\mathcal{O}(0; \{2^2, 10, 35, 70\})$	72
70	$\mathcal{O}(0; \{14, 35^2, 70\})$	2232
70	$\mathcal{O}(0; \{10, 70^3\})$	1560
72	$\mathcal{O}(0; \{18^2, 24^2\})$	96
72	$\mathcal{O}(0; \{2^2, 8, 18, 72\})$	24
72	$\mathcal{O}(0; \{12, 18, 24, 72\})$	192
72	$\mathcal{O}(0; \{9, 24, 36, 72\})$	288

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
72	$\mathcal{O}(0; \{8, 36^2, 72\})$	288
72	$\mathcal{O}(0; \{2, 3^2, 72^2\})$	96
72	$\mathcal{O}(0; \{2^2, 6, 72^2\})$	48
72	$\mathcal{O}(0; \{12^2, 72^2\})$	384
72	$\mathcal{O}(0; \{9, 18, 72^2\})$	648
72	$\mathcal{O}(0; \{8, 24, 72^2\})$	768
75	$\mathcal{O}(0; \{5, 25, 75^2\})$	2400
76	$\mathcal{O}(0; \{2^2, 4, 38, 76\})$	36
76	$\mathcal{O}(0; \{4, 76^3\})$	2448
77	$\mathcal{O}(0; \{7^2, 77^2\})$	1860
78	$\mathcal{O}(1; \{6^2\})$	12096
78	$\mathcal{O}(0; \{6, 13^2, 78\})$	264
80	$\mathcal{O}(0; \{5, 16^2, 20\})$	64
80	$\mathcal{O}(0; \{5, 10, 16, 80\})$	96
80	$\mathcal{O}(0; \{4, 16, 20, 80\})$	128
80	$\mathcal{O}(0; \{4, 10, 80^2\})$	192
81	$\mathcal{O}(0; \{3, 27, 81^2\})$	1944
84	$\mathcal{O}(0; \{7^2, 12^2\})$	24
84	$\mathcal{O}(0; \{4, 12, 14, 21\})$	24
84	$\mathcal{O}(0; \{3, 21, 28^2\})$	120
84	$\mathcal{O}(0; \{4, 7, 21, 84\})$	120
84	$\mathcal{O}(0; \{3, 14, 28, 84\})$	120
84	$\mathcal{O}(0; \{4, 6, 42, 84\})$	24
84	$\mathcal{O}(0; \{3, 12, 42, 84\})$	72
85	$\mathcal{O}(0; \{5^2, 17, 85\})$	192
88	$\mathcal{O}(0; \{2^3, 88^2\})$	40
88	$\mathcal{O}(0; \{4^2, 88^2\})$	160
90	$\mathcal{O}(0; \{3, 9, 10, 90\})$	48
90	$\mathcal{O}(0; \{2, 45^2, 90\})$	216
90	$\mathcal{O}(0; \{3, 5, 90^2\})$	144
90	$\mathcal{O}(0; \{2, 30, 90^2\})$	144
92	$\mathcal{O}(0; \{4^2, 23^2\})$	44
96	$\mathcal{O}(0; \{2, 8, 96^2\})$	128
98	$\mathcal{O}(0; \{2, 7, 49, 98\})$	252
99	$\mathcal{O}(0; \{3^2, 99^2\})$	240
102	$\mathcal{O}(0; \{3^2, 34^2\})$	32
108	$\mathcal{O}(0; \{2, 4, 27, 108\})$	36
114	$\mathcal{O}(0; \{2, 3, 57, 114\})$	36
130	$\mathcal{O}(1; \{2^2\})$	16128
132	$\mathcal{O}(0; \{2^2, 132^2\})$	40
133	$\mathcal{O}(0; \{133^3\})$	9180
134	$\mathcal{O}(0; \{2^2, 67^2\})$	66
134	$\mathcal{O}(0; \{67, 134^2\})$	4290

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
135	$\mathcal{O}(0; \{45, 135^2\})$	1296
136	$\mathcal{O}(0; \{34, 136^2\})$	960
138	$\mathcal{O}(0; \{23, 138^2\})$	924
140	$\mathcal{O}(0; \{28, 35, 140\})$	240
140	$\mathcal{O}(0; \{20, 70, 140\})$	144
143	$\mathcal{O}(0; \{13, 143^2\})$	1320
144	$\mathcal{O}(0; \{16, 36, 144\})$	96
144	$\mathcal{O}(0; \{12, 144^2\})$	192
152	$\mathcal{O}(0; \{8, 76, 152\})$	144
154	$\mathcal{O}(0; \{7, 154^2\})$	300
156	$\mathcal{O}(0; \{12, 13, 156\})$	48
161	$\mathcal{O}(0; \{7, 23, 161\})$	132
165	$\mathcal{O}(0; \{5, 165^2\})$	240
170	$\mathcal{O}(0; \{5, 34, 170\})$	64
176	$\mathcal{O}(0; \{4, 176^2\})$	160
180	$\mathcal{O}(0; \{4, 45, 180\})$	48
198	$\mathcal{O}(0; \{3, 198^2\})$	120
201	$\mathcal{O}(0; \{3, 67, 201\})$	132
264	$\mathcal{O}(0; \{2, 264^2\})$	80
266	$\mathcal{O}(0; \{2, 133, 266\})$	108

Table 7: 67-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(67; \emptyset)$	1
2	$\mathcal{O}(34; \emptyset)$	295147905179352825855
2	$\mathcal{O}(33; \{2^4\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^8\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{12}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{16}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{20}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{24}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{28}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{32}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{36}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{40}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{44}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{48}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{52}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{56}\})$	1099511627776

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(19; \{2^{60}\})$	274877906944
2	$\mathcal{O}(18; \{2^{64}\})$	68719476736
2	$\mathcal{O}(17; \{2^{68}\})$	17179869184
2	$\mathcal{O}(16; \{2^{72}\})$	4294967296
2	$\mathcal{O}(15; \{2^{76}\})$	1073741824
2	$\mathcal{O}(14; \{2^{80}\})$	268435456
2	$\mathcal{O}(13; \{2^{84}\})$	67108864
2	$\mathcal{O}(12; \{2^{88}\})$	16777216
2	$\mathcal{O}(11; \{2^{92}\})$	4194304
2	$\mathcal{O}(10; \{2^{96}\})$	1048576
2	$\mathcal{O}(9; \{2^{100}\})$	262144
2	$\mathcal{O}(8; \{2^{104}\})$	65536
2	$\mathcal{O}(7; \{2^{108}\})$	16384
2	$\mathcal{O}(6; \{2^{112}\})$	4096
2	$\mathcal{O}(5; \{2^{116}\})$	1024
2	$\mathcal{O}(4; \{2^{120}\})$	256
2	$\mathcal{O}(3; \{2^{124}\})$	64
2	$\mathcal{O}(2; \{2^{128}\})$	16
2	$\mathcal{O}(1; \{2^{132}\})$	4
2	$\mathcal{O}(0; \{2^{136}\})$	1
3	$\mathcal{O}(23; \emptyset)$	8862938119652501095928
3	$\mathcal{O}(22; \{3^3\})$	1969541804367222465762
3	$\mathcal{O}(21; \{3^6\})$	2407217760893271902598
3	$\mathcal{O}(20; \{3^9\})$	2066803128039677896170
3	$\mathcal{O}(19; \{3^{12}\})$	1845263446341307193574
3	$\mathcal{O}(18; \{3^{15}\})$	1639333606713824399562
3	$\mathcal{O}(17; \{3^{18}\})$	1457285491280264132358
3	$\mathcal{O}(16; \{3^{21}\})$	1295353763016879451050
3	$\mathcal{O}(15; \{3^{24}\})$	1151426802472907635494
3	$\mathcal{O}(14; \{3^{27}\})$	1023490353826274279562
3	$\mathcal{O}(13; \{3^{30}\})$	909769218652327662918
3	$\mathcal{O}(12; \{3^{33}\})$	808683748218602925930
3	$\mathcal{O}(11; \{3^{36}\})$	718829998604822291814
3	$\mathcal{O}(10; \{3^{39}\})$	638959998738921330762
3	$\mathcal{O}(9; \{3^{42}\})$	567964443325810150278
3	$\mathcal{O}(8; \{3^{45}\})$	504857282956017408810
3	$\mathcal{O}(7; \{3^{48}\})$	448762029294266394534
3	$\mathcal{O}(6; \{3^{51}\})$	398899581594900273162
3	$\mathcal{O}(5; \{3^{54}\})$	354577405862133930438
3	$\mathcal{O}(4; \{3^{57}\})$	315179916321896787690
3	$\mathcal{O}(3; \{3^{60}\})$	280159925619463815654
3	$\mathcal{O}(2; \{3^{63}\})$	249031044995078946762
3	$\mathcal{O}(1; \{3^{66}\})$	221360928884514619398

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(0; \{3^{69}\})$	196765270119568550570
4	$\mathcal{O}(17; \{2^2\})$	295147905162172956672
4	$\mathcal{O}(16; \{2^6\})$	18446744069414584320
4	$\mathcal{O}(16; \{2^3, 4^2\})$	36893488147419103232
4	$\mathcal{O}(16; \{4^4\})$	147573952589676412928
4	$\mathcal{O}(15; \{2^{10}\})$	1152921503533105152
4	$\mathcal{O}(15; \{2^7, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2^4, 4^4\})$	9223372036854775808
4	$\mathcal{O}(15; \{2, 4^6\})$	36893488147419103232
4	$\mathcal{O}(14; \{2^{14}\})$	72057593769492480
4	$\mathcal{O}(14; \{2^{11}, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^8, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^5, 4^6\})$	2305843009213693952
4	$\mathcal{O}(14; \{2^2, 4^8\})$	9223372036854775808
4	$\mathcal{O}(13; \{2^{18}\})$	4503599560261632
4	$\mathcal{O}(13; \{2^{15}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^{12}, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^9, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^6, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{2^3, 4^{10}\})$	2305843009213693952
4	$\mathcal{O}(13; \{4^{12}\})$	9223372036854775808
4	$\mathcal{O}(12; \{2^{22}\})$	281474959933440
4	$\mathcal{O}(12; \{2^{19}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{16}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{13}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^{10}, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^7, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2^4, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(12; \{2, 4^{14}\})$	2305843009213693952
4	$\mathcal{O}(11; \{2^{26}\})$	17592181850112
4	$\mathcal{O}(11; \{2^{23}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{20}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{17}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{14}, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^{11}, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^8, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(11; \{2^5, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(11; \{2^2, 4^{16}\})$	576460752303423488
4	$\mathcal{O}(10; \{2^{30}\})$	1099510579200
4	$\mathcal{O}(10; \{2^{27}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{24}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{21}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{18}, 4^8\})$	140737488355328

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(10; \{2^{15}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^{12}, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^9, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^6, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(10; \{2^3, 4^{18}\})$	144115188075855872
4	$\mathcal{O}(10; \{4^{20}\})$	576460752303423488
4	$\mathcal{O}(9; \{2^{34}\})$	68719214592
4	$\mathcal{O}(9; \{2^{31}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{28}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{25}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{22}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{19}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{16}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^{13}, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^{10}, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^7, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(9; \{2^4, 4^{20}\})$	36028797018963968
4	$\mathcal{O}(9; \{2, 4^{22}\})$	144115188075855872
4	$\mathcal{O}(8; \{2^{38}\})$	4294901760
4	$\mathcal{O}(8; \{2^{35}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{32}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{29}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{26}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{23}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{20}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{17}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^{14}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^{11}, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^8, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^5, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(8; \{2^2, 4^{24}\})$	36028797018963968
4	$\mathcal{O}(7; \{2^{42}\})$	268419072
4	$\mathcal{O}(7; \{2^{39}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{36}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{33}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{30}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{27}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{24}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{21}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{18}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{15}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^{12}, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^9, 4^{22}\})$	562949953421312

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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	$\mathcal{O}(7; \{2^6, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(7; \{2^3, 4^{26}\})$	9007199254740992
4	$\mathcal{O}(7; \{4^{28}\})$	36028797018963968
4	$\mathcal{O}(6; \{2^{46}\})$	16773120
4	$\mathcal{O}(6; \{2^{43}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{40}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{37}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{34}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{31}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{28}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{25}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{22}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{19}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{16}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{13}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^{10}, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^7, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2^4, 4^{28}\})$	2251799813685248
4	$\mathcal{O}(6; \{2, 4^{30}\})$	9007199254740992
4	$\mathcal{O}(5; \{2^{50}\})$	1047552
4	$\mathcal{O}(5; \{2^{47}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{44}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{41}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{38}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{35}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{32}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{29}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{26}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{23}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{20}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{17}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{14}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^{11}, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^8, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2^5, 4^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{2^2, 4^{32}\})$	2251799813685248
4	$\mathcal{O}(4; \{2^{54}\})$	65280
4	$\mathcal{O}(4; \{2^{51}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{48}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{45}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{42}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{39}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{36}, 4^{12}\})$	134217728

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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	$\mathcal{O}(4; \{2^{33}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{30}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{27}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{24}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{21}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{18}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{15}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^{12}, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^9, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^6, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{2^3, 4^{34}\})$	562949953421312
4	$\mathcal{O}(4; \{4^{36}\})$	2251799813685248
4	$\mathcal{O}(3; \{2^{58}\})$	4032
4	$\mathcal{O}(3; \{2^{55}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{52}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{49}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{46}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{43}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{40}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{37}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{34}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{31}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{28}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{25}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{22}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{19}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{16}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{13}, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^{10}, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^7, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{2^4, 4^{36}\})$	140737488355328
4	$\mathcal{O}(3; \{2, 4^{38}\})$	562949953421312
4	$\mathcal{O}(2; \{2^{62}\})$	240
4	$\mathcal{O}(2; \{2^{59}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{56}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{53}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{50}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{47}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{44}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{41}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{38}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{35}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{32}, 4^{20}\})$	134217728

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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	$\mathcal{O}(2; \{2^{29}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{26}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{23}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{20}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{17}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{14}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^{11}, 4^{34}\})$	219902325552
4	$\mathcal{O}(2; \{2^8, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^5, 4^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{2^2, 4^{40}\})$	140737488355328
4	$\mathcal{O}(1; \{2^{66}\})$	12
4	$\mathcal{O}(1; \{2^{63}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{60}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{57}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{54}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{51}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{48}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{45}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{42}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{39}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{36}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{33}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{30}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{27}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{24}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{21}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{18}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{15}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^{12}, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^9, 4^{38}\})$	219902325552
4	$\mathcal{O}(1; \{2^6, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{2^3, 4^{42}\})$	35184372088832
4	$\mathcal{O}(1; \{4^{44}\})$	140737488355328
4	$\mathcal{O}(0; \{2^{67}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{64}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{61}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{58}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{55}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{52}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{49}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{46}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{43}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{40}, 4^{20}\})$	524288

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{2^{37}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{34}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{31}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{28}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{25}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{22}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{19}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{16}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{13}, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^{10}, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^7, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2^4, 4^{44}\})$	8796093022208
4	$\mathcal{O}(0; \{2, 4^{46}\})$	35184372088832
5	$\mathcal{O}(13; \{5^3\})$	17881393432617187500
5	$\mathcal{O}(11; \{5^8\})$	31251907348632812500
5	$\mathcal{O}(9; \{5^{13}\})$	51199996948242187500
5	$\mathcal{O}(7; \{5^{18}\})$	83886080004882812500
5	$\mathcal{O}(5; \{5^{23}\})$	137438953471992187500
5	$\mathcal{O}(3; \{5^{28}\})$	225179981368524812500
5	$\mathcal{O}(1; \{5^{33}\})$	368934881474191032300
6	$\mathcal{O}(12; \emptyset)$	4738381055875303200
6	$\mathcal{O}(11; \{2^4\})$	131621703838072832
6	$\mathcal{O}(11; \{3^3\})$	263243344922415054
6	$\mathcal{O}(11; \{2, 3, 6\})$	263243407684534272
6	$\mathcal{O}(10; \{2^8\})$	3656158439014400
6	$\mathcal{O}(10; \{2^4, 3^3\})$	7312316880125952
6	$\mathcal{O}(10; \{3^6\})$	80435408972128650
6	$\mathcal{O}(10; \{2^5, 3, 6\})$	7312316880125952
6	$\mathcal{O}(10; \{2, 3^4, 6\})$	36561584400629760
6	$\mathcal{O}(10; \{2^2, 3^2, 6^2\})$	21936950640377856
6	$\mathcal{O}(10; \{2^3, 6^3\})$	7312316880125952
6	$\mathcal{O}(10; \{3, 6^4\})$	36561584400629760
6	$\mathcal{O}(9; \{2^{12}\})$	101559956406272
6	$\mathcal{O}(9; \{2^8, 3^3\})$	203119913336832
6	$\mathcal{O}(9; \{2^4, 3^6\})$	2234319046705152
6	$\mathcal{O}(9; \{3^9\})$	17265126772147590
6	$\mathcal{O}(9; \{2^9, 3, 6\})$	203119913336832
6	$\mathcal{O}(9; \{2^5, 3^4, 6\})$	1015599566684160
6	$\mathcal{O}(9; \{2, 3^7, 6\})$	8734156273483776
6	$\mathcal{O}(9; \{2^6, 3^2, 6^2\})$	609359740010496
6	$\mathcal{O}(9; \{2^2, 3^5, 6^2\})$	4265518180073472
6	$\mathcal{O}(9; \{2^7, 6^3\})$	203119913336832
6	$\mathcal{O}(9; \{2^3, 3^3, 6^3\})$	2234319046705152

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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	$\mathcal{O}(9; \{2^4, 3, 6^4\})$	1015599566684160
6	$\mathcal{O}(9; \{3^4, 6^4\})$	8734156273483776
6	$\mathcal{O}(9; \{2, 3^2, 6^5\})$	4265518180073472
6	$\mathcal{O}(9; \{2^2, 6^6\})$	2234319046705152
6	$\mathcal{O}(8; \{2^{16}\})$	2821109841920
6	$\mathcal{O}(8; \{2^{12}, 3^3\})$	5642219814912
6	$\mathcal{O}(8; \{2^8, 3^6\})$	62064417964032
6	$\mathcal{O}(8; \{2^4, 3^9\})$	479588684267520
6	$\mathcal{O}(8; \{3^{12}\})$	3853577331764010
6	$\mathcal{O}(8; \{2^{13}, 3, 6\})$	5642219814912
6	$\mathcal{O}(8; \{2^9, 3^4, 6\})$	28211099074560
6	$\mathcal{O}(8; \{2^5, 3^7, 6\})$	242615452041216
6	$\mathcal{O}(8; \{2, 3^{10}, 6\})$	1923996956884992
6	$\mathcal{O}(8; \{2^{10}, 3^2, 6^2\})$	16926659444736
6	$\mathcal{O}(8; \{2^6, 3^5, 6^2\})$	118486616113152
6	$\mathcal{O}(8; \{2^2, 3^8, 6^2\})$	964819588349952
6	$\mathcal{O}(8; \{2^{11}, 6^3\})$	5642219814912
6	$\mathcal{O}(8; \{2^7, 3^3, 6^3\})$	62064417964032
6	$\mathcal{O}(8; \{2^3, 3^6, 6^3\})$	479588684267520
6	$\mathcal{O}(8; \{2^8, 3, 6^4\})$	28211099074560
6	$\mathcal{O}(8; \{2^4, 3^4, 6^4\})$	242615452041216
6	$\mathcal{O}(8; \{3^7, 6^4\})$	1923996956884992
6	$\mathcal{O}(8; \{2^5, 3^2, 6^5\})$	118486616113152
6	$\mathcal{O}(8; \{2, 3^5, 6^5\})$	964819588349952
6	$\mathcal{O}(8; \{2^6, 6^6\})$	62064417964032
6	$\mathcal{O}(8; \{2^2, 3^3, 6^6\})$	479588684267520
6	$\mathcal{O}(8; \{2^3, 3, 6^7\})$	242615452041216
6	$\mathcal{O}(8; \{3^2, 6^8\})$	964819588349952
6	$\mathcal{O}(8; \{2, 6^9\})$	479588684267520
6	$\mathcal{O}(7; \{2^{20}\})$	78364147712
6	$\mathcal{O}(7; \{2^{16}, 3^3\})$	156728328192
6	$\mathcal{O}(7; \{2^{12}, 3^6\})$	1724011610112
6	$\mathcal{O}(7; \{2^8, 3^9\})$	13321907896320
6	$\mathcal{O}(7; \{2^4, 3^{12}\})$	107045448155136
6	$\mathcal{O}(7; \{3^{15}\})$	855841160669094
6	$\mathcal{O}(7; \{2^{17}, 3, 6\})$	156728328192
6	$\mathcal{O}(7; \{2^{13}, 3^4, 6\})$	783641640960
6	$\mathcal{O}(7; \{2^9, 3^7, 6\})$	6739318112256
6	$\mathcal{O}(7; \{2^5, 3^{10}, 6\})$	53444359913472
6	$\mathcal{O}(7; \{2, 3^{13}, 6\})$	428025064292352
6	$\mathcal{O}(7; \{2^{14}, 3^2, 6^2\})$	470184984576
6	$\mathcal{O}(7; \{2^{10}, 3^5, 6^2\})$	3291294892032
6	$\mathcal{O}(7; \{2^6, 3^8, 6^2\})$	26800544120832

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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	$\mathcal{O}(7; \{2^2, 3^{11}, 6^2\})$	213934167982080
6	$\mathcal{O}(7; \{2^{15}, 6^3\})$	156728328192
6	$\mathcal{O}(7; \{2^{11}, 3^3, 6^3\})$	1724011610112
6	$\mathcal{O}(7; \{2^7, 3^6, 6^3\})$	13321907896320
6	$\mathcal{O}(7; \{2^3, 3^9, 6^3\})$	107045448155136
6	$\mathcal{O}(7; \{2^{12}, 3, 6^4\})$	783641640960
6	$\mathcal{O}(7; \{2^8, 3^4, 6^4\})$	6739318112256
6	$\mathcal{O}(7; \{2^4, 3^7, 6^4\})$	53444359913472
6	$\mathcal{O}(7; \{3^{10}, 6^4\})$	428025064292352
6	$\mathcal{O}(7; \{2^9, 3^2, 6^5\})$	3291294892032
6	$\mathcal{O}(7; \{2^5, 3^5, 6^5\})$	26800544120832
6	$\mathcal{O}(7; \{2, 3^8, 6^5\})$	213934167982080
6	$\mathcal{O}(7; \{2^{10}, 6^6\})$	1724011610112
6	$\mathcal{O}(7; \{2^6, 3^3, 6^6\})$	13321907896320
6	$\mathcal{O}(7; \{2^2, 3^6, 6^6\})$	107045448155136
6	$\mathcal{O}(7; \{2^7, 3, 6^7\})$	6739318112256
6	$\mathcal{O}(7; \{2^3, 3^4, 6^7\})$	53444359913472
6	$\mathcal{O}(7; \{2^4, 3^2, 6^8\})$	26800544120832
6	$\mathcal{O}(7; \{3^5, 6^8\})$	213934167982080
6	$\mathcal{O}(7; \{2^5, 6^9\})$	13321907896320
6	$\mathcal{O}(7; \{2, 3^3, 6^9\})$	107045448155136
6	$\mathcal{O}(7; \{2^2, 3, 6^{10}\})$	53444359913472
6	$\mathcal{O}(7; \{6^{12}\})$	107045448155136
6	$\mathcal{O}(6; \{2^{24}\})$	2176778240
6	$\mathcal{O}(6; \{2^{20}, 3^3\})$	4353564672
6	$\mathcal{O}(6; \{2^{16}, 3^6\})$	47889211392
6	$\mathcal{O}(6; \{2^{12}, 3^9\})$	370052997120
6	$\mathcal{O}(6; \{2^8, 3^{12}\})$	2973484670976
6	$\mathcal{O}(6; \{2^4, 3^{15}\})$	23774816673792
6	$\mathcal{O}(6; \{3^{18}\})$	190165155706890
6	$\mathcal{O}(6; \{2^{21}, 3, 6\})$	4353564672
6	$\mathcal{O}(6; \{2^{17}, 3^4, 6\})$	21767823360
6	$\mathcal{O}(6; \{2^{13}, 3^7, 6\})$	187203280896
6	$\mathcal{O}(6; \{2^9, 3^{10}, 6\})$	1484565553152
6	$\mathcal{O}(6; \{2^5, 3^{13}, 6\})$	11889585119232
6	$\mathcal{O}(6; \{2, 3^{16}, 6\})$	95103620259840
6	$\mathcal{O}(6; \{2^{18}, 3^2, 6^2\})$	13060694016
6	$\mathcal{O}(6; \{2^{14}, 3^5, 6^2\})$	91424858112
6	$\mathcal{O}(6; \{2^{10}, 3^8, 6^2\})$	744459558912
6	$\mathcal{O}(6; \{2^6, 3^{11}, 6^2\})$	5942615777280
6	$\mathcal{O}(6; \{2^2, 3^{14}, 6^2\})$	47553986912256
6	$\mathcal{O}(6; \{2^{19}, 6^3\})$	4353564672
6	$\mathcal{O}(6; \{2^{15}, 3^3, 6^3\})$	47889211392

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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	$\mathcal{O}(6; \{2^{11}, 3^6, 6^3\})$	370052997120
6	$\mathcal{O}(6; \{2^7, 3^9, 6^3\})$	2973484670976
6	$\mathcal{O}(6; \{2^3, 3^{12}, 6^3\})$	23774816673792
6	$\mathcal{O}(6; \{2^{16}, 3, 6^4\})$	21767823360
6	$\mathcal{O}(6; \{2^{12}, 3^4, 6^4\})$	187203280896
6	$\mathcal{O}(6; \{2^8, 3^7, 6^4\})$	1484565553152
6	$\mathcal{O}(6; \{2^4, 3^{10}, 6^4\})$	11889585119232
6	$\mathcal{O}(6; \{3^{13}, 6^4\})$	95103620259840
6	$\mathcal{O}(6; \{2^{13}, 3^2, 6^5\})$	91424858112
6	$\mathcal{O}(6; \{2^9, 3^5, 6^5\})$	744459558912
6	$\mathcal{O}(6; \{2^5, 3^8, 6^5\})$	5942615777280
6	$\mathcal{O}(6; \{2, 3^{11}, 6^5\})$	47553986912256
6	$\mathcal{O}(6; \{2^{14}, 6^6\})$	47889211392
6	$\mathcal{O}(6; \{2^{10}, 3^3, 6^6\})$	370052997120
6	$\mathcal{O}(6; \{2^6, 3^6, 6^6\})$	2973484670976
6	$\mathcal{O}(6; \{2^2, 3^9, 6^6\})$	23774816673792
6	$\mathcal{O}(6; \{2^{11}, 3, 6^7\})$	187203280896
6	$\mathcal{O}(6; \{2^7, 3^4, 6^7\})$	1484565553152
6	$\mathcal{O}(6; \{2^3, 3^7, 6^7\})$	11889585119232
6	$\mathcal{O}(6; \{2^8, 3^2, 6^8\})$	744459558912
6	$\mathcal{O}(6; \{2^4, 3^5, 6^8\})$	5942615777280
6	$\mathcal{O}(6; \{3^8, 6^8\})$	47553986912256
6	$\mathcal{O}(6; \{2^9, 6^9\})$	370052997120
6	$\mathcal{O}(6; \{2^5, 3^3, 6^9\})$	2973484670976
6	$\mathcal{O}(6; \{2, 3^6, 6^9\})$	23774816673792
6	$\mathcal{O}(6; \{2^6, 3, 6^{10}\})$	1484565553152
6	$\mathcal{O}(6; \{2^2, 3^4, 6^{10}\})$	11889585119232
6	$\mathcal{O}(6; \{2^3, 3^2, 6^{11}\})$	5942615777280
6	$\mathcal{O}(6; \{2^4, 6^{12}\})$	2973484670976
6	$\mathcal{O}(6; \{3^3, 6^{12}\})$	23774816673792
6	$\mathcal{O}(6; \{2, 3, 6^{13}\})$	11889585119232
6	$\mathcal{O}(5; \{2^{28}\})$	60465152
6	$\mathcal{O}(5; \{2^{24}, 3^3\})$	120932352
6	$\mathcal{O}(5; \{2^{20}, 3^6\})$	1330255872
6	$\mathcal{O}(5; \{2^{16}, 3^9\})$	10279249920
6	$\mathcal{O}(5; \{2^{12}, 3^{12}\})$	82596796416
6	$\mathcal{O}(5; \{2^8, 3^{15}\})$	660411574272
6	$\mathcal{O}(5; \{2^4, 3^{18}\})$	5283655391232
6	$\mathcal{O}(5; \{3^{21}\})$	42227602129350
6	$\mathcal{O}(5; \{2^{25}, 3, 6\})$	120932352
6	$\mathcal{O}(5; \{2^{21}, 3^4, 6\})$	604661760
6	$\mathcal{O}(5; \{2^{17}, 3^7, 6\})$	5200091136
6	$\mathcal{O}(5; \{2^{13}, 3^{10}, 6\})$	41237932032

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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	$\mathcal{O}(5; \{2^9, 3^{13}, 6\})$	330266253312
6	$\mathcal{O}(5; \{2^5, 3^{16}, 6\})$	2641767229440
6	$\mathcal{O}(5; \{2, 3^{19}, 6\})$	21134500632576
6	$\mathcal{O}(5; \{2^{22}, 3^2, 6^2\})$	362797056
6	$\mathcal{O}(5; \{2^{18}, 3^5, 6^2\})$	2539579392
6	$\mathcal{O}(5; \{2^{14}, 3^8, 6^2\})$	20679432192
6	$\mathcal{O}(5; \{2^{10}, 3^{11}, 6^2\})$	165072660480
6	$\mathcal{O}(5; \{2^6, 3^{14}, 6^2\})$	1320944080896
6	$\mathcal{O}(5; \{2^2, 3^{17}, 6^2\})$	10567189850112
6	$\mathcal{O}(5; \{2^{23}, 6^3\})$	120932352
6	$\mathcal{O}(5; \{2^{19}, 3^3, 6^3\})$	1330255872
6	$\mathcal{O}(5; \{2^{15}, 3^6, 6^3\})$	10279249920
6	$\mathcal{O}(5; \{2^{11}, 3^9, 6^3\})$	82596796416
6	$\mathcal{O}(5; \{2^7, 3^{12}, 6^3\})$	660411574272
6	$\mathcal{O}(5; \{2^3, 3^{15}, 6^3\})$	5283655391232
6	$\mathcal{O}(5; \{2^{20}, 3, 6^4\})$	604661760
6	$\mathcal{O}(5; \{2^{16}, 3^4, 6^4\})$	5200091136
6	$\mathcal{O}(5; \{2^{12}, 3^7, 6^4\})$	41237932032
6	$\mathcal{O}(5; \{2^8, 3^{10}, 6^4\})$	330266253312
6	$\mathcal{O}(5; \{2^4, 3^{13}, 6^4\})$	2641767229440
6	$\mathcal{O}(5; \{3^{16}, 6^4\})$	21134500632576
6	$\mathcal{O}(5; \{2^{17}, 3^2, 6^5\})$	2539579392
6	$\mathcal{O}(5; \{2^{13}, 3^5, 6^5\})$	20679432192
6	$\mathcal{O}(5; \{2^9, 3^8, 6^5\})$	165072660480
6	$\mathcal{O}(5; \{2^5, 3^{11}, 6^5\})$	1320944080896
6	$\mathcal{O}(5; \{2, 3^{14}, 6^5\})$	10567189850112
6	$\mathcal{O}(5; \{2^{18}, 6^6\})$	1330255872
6	$\mathcal{O}(5; \{2^{14}, 3^3, 6^6\})$	10279249920
6	$\mathcal{O}(5; \{2^{10}, 3^6, 6^6\})$	82596796416
6	$\mathcal{O}(5; \{2^6, 3^9, 6^6\})$	660411574272
6	$\mathcal{O}(5; \{2^2, 3^{12}, 6^6\})$	5283655391232
6	$\mathcal{O}(5; \{2^{15}, 3, 6^7\})$	5200091136
6	$\mathcal{O}(5; \{2^{11}, 3^4, 6^7\})$	41237932032
6	$\mathcal{O}(5; \{2^7, 3^7, 6^7\})$	330266253312
6	$\mathcal{O}(5; \{2^3, 3^{10}, 6^7\})$	2641767229440
6	$\mathcal{O}(5; \{2^{12}, 3^2, 6^8\})$	20679432192
6	$\mathcal{O}(5; \{2^8, 3^5, 6^8\})$	165072660480
6	$\mathcal{O}(5; \{2^4, 3^8, 6^8\})$	1320944080896
6	$\mathcal{O}(5; \{3^{11}, 6^8\})$	10567189850112
6	$\mathcal{O}(5; \{2^{13}, 6^9\})$	10279249920
6	$\mathcal{O}(5; \{2^9, 3^3, 6^9\})$	82596796416
6	$\mathcal{O}(5; \{2^5, 3^6, 6^9\})$	660411574272
6	$\mathcal{O}(5; \{2, 3^9, 6^9\})$	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	$\mathcal{O}(5; \{2^{10}, 3, 6^{10}\})$	41237932032
6	$\mathcal{O}(5; \{2^6, 3^4, 6^{10}\})$	330266253312
6	$\mathcal{O}(5; \{2^2, 3^7, 6^{10}\})$	2641767229440
6	$\mathcal{O}(5; \{2^7, 3^2, 6^{11}\})$	165072660480
6	$\mathcal{O}(5; \{2^3, 3^5, 6^{11}\})$	1320944080896
6	$\mathcal{O}(5; \{2^8, 6^{12}\})$	82596796416
6	$\mathcal{O}(5; \{2^4, 3^3, 6^{12}\})$	660411574272
6	$\mathcal{O}(5; \{3^6, 6^{12}\})$	5283655391232
6	$\mathcal{O}(5; \{2^5, 3, 6^{13}\})$	330266253312
6	$\mathcal{O}(5; \{2, 3^4, 6^{13}\})$	2641767229440
6	$\mathcal{O}(5; \{2^2, 3^2, 6^{14}\})$	1320944080896
6	$\mathcal{O}(5; \{2^3, 6^{15}\})$	660411574272
6	$\mathcal{O}(5; \{3, 6^{16}\})$	2641767229440
6	$\mathcal{O}(4; \{2^{32}\})$	1679360
6	$\mathcal{O}(4; \{2^{28}, 3^3\})$	3359232
6	$\mathcal{O}(4; \{2^{24}, 3^6\})$	36951552
6	$\mathcal{O}(4; \{2^{20}, 3^9\})$	285534720
6	$\mathcal{O}(4; \{2^{16}, 3^{12}\})$	2294355456
6	$\mathcal{O}(4; \{2^{12}, 3^{15}\})$	18344765952
6	$\mathcal{O}(4; \{2^8, 3^{18}\})$	146768205312
6	$\mathcal{O}(4; \{2^4, 3^{21}\})$	1174135564800
6	$\mathcal{O}(4; \{3^{24}\})$	9356402820330
6	$\mathcal{O}(4; \{2^{29}, 3, 6\})$	3359232
6	$\mathcal{O}(4; \{2^{25}, 3^4, 6\})$	16796160
6	$\mathcal{O}(4; \{2^{21}, 3^7, 6\})$	144446976
6	$\mathcal{O}(4; \{2^{17}, 3^{10}, 6\})$	1145498112
6	$\mathcal{O}(4; \{2^{13}, 3^{13}, 6\})$	9174062592
6	$\mathcal{O}(4; \{2^9, 3^{16}, 6\})$	73382423040
6	$\mathcal{O}(4; \{2^5, 3^{19}, 6\})$	587069462016
6	$\mathcal{O}(4; \{2, 3^{22}, 6\})$	4696545618432
6	$\mathcal{O}(4; \{2^{26}, 3^2, 6^2\})$	10077696
6	$\mathcal{O}(4; \{2^{22}, 3^5, 6^2\})$	70543872
6	$\mathcal{O}(4; \{2^{18}, 3^8, 6^2\})$	574428672
6	$\mathcal{O}(4; \{2^{14}, 3^{11}, 6^2\})$	4585351680
6	$\mathcal{O}(4; \{2^{10}, 3^{14}, 6^2\})$	36692891136
6	$\mathcal{O}(4; \{2^6, 3^{17}, 6^2\})$	293533051392
6	$\mathcal{O}(4; \{2^2, 3^{20}, 6^2\})$	2348274488832
6	$\mathcal{O}(4; \{2^{27}, 6^3\})$	3359232
6	$\mathcal{O}(4; \{2^{23}, 3^3, 6^3\})$	36951552
6	$\mathcal{O}(4; \{2^{19}, 3^6, 6^3\})$	285534720
6	$\mathcal{O}(4; \{2^{15}, 3^9, 6^3\})$	2294355456
6	$\mathcal{O}(4; \{2^{11}, 3^{12}, 6^3\})$	18344765952
6	$\mathcal{O}(4; \{2^7, 3^{15}, 6^3\})$	146768205312

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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	$\mathcal{O}(4; \{2^3, 3^{18}, 6^3\})$	1174135564800
6	$\mathcal{O}(4; \{2^{24}, 3, 6^4\})$	16796160
6	$\mathcal{O}(4; \{2^{20}, 3^4, 6^4\})$	144446976
6	$\mathcal{O}(4; \{2^{16}, 3^7, 6^4\})$	1145498112
6	$\mathcal{O}(4; \{2^{12}, 3^{10}, 6^4\})$	9174062592
6	$\mathcal{O}(4; \{2^8, 3^{13}, 6^4\})$	73382423040
6	$\mathcal{O}(4; \{2^4, 3^{16}, 6^4\})$	587069462016
6	$\mathcal{O}(4; \{3^{19}, 6^4\})$	4696545618432
6	$\mathcal{O}(4; \{2^{21}, 3^2, 6^5\})$	70543872
6	$\mathcal{O}(4; \{2^{17}, 3^5, 6^5\})$	574428672
6	$\mathcal{O}(4; \{2^{13}, 3^8, 6^5\})$	4585351680
6	$\mathcal{O}(4; \{2^9, 3^{11}, 6^5\})$	36692891136
6	$\mathcal{O}(4; \{2^5, 3^{14}, 6^5\})$	293533051392
6	$\mathcal{O}(4; \{2, 3^{17}, 6^5\})$	2348274488832
6	$\mathcal{O}(4; \{2^{22}, 6^6\})$	36951552
6	$\mathcal{O}(4; \{2^{18}, 3^3, 6^6\})$	285534720
6	$\mathcal{O}(4; \{2^{14}, 3^6, 6^6\})$	2294355456
6	$\mathcal{O}(4; \{2^{10}, 3^9, 6^6\})$	18344765952
6	$\mathcal{O}(4; \{2^6, 3^{12}, 6^6\})$	146768205312
6	$\mathcal{O}(4; \{2^2, 3^{15}, 6^6\})$	1174135564800
6	$\mathcal{O}(4; \{2^{19}, 3, 6^7\})$	144446976
6	$\mathcal{O}(4; \{2^{15}, 3^4, 6^7\})$	1145498112
6	$\mathcal{O}(4; \{2^{11}, 3^7, 6^7\})$	9174062592
6	$\mathcal{O}(4; \{2^7, 3^{10}, 6^7\})$	73382423040
6	$\mathcal{O}(4; \{2^3, 3^{13}, 6^7\})$	587069462016
6	$\mathcal{O}(4; \{2^{16}, 3^2, 6^8\})$	574428672
6	$\mathcal{O}(4; \{2^{12}, 3^5, 6^8\})$	4585351680
6	$\mathcal{O}(4; \{2^8, 3^8, 6^8\})$	36692891136
6	$\mathcal{O}(4; \{2^4, 3^{11}, 6^8\})$	293533051392
6	$\mathcal{O}(4; \{3^{14}, 6^8\})$	2348274488832
6	$\mathcal{O}(4; \{2^{17}, 6^9\})$	285534720
6	$\mathcal{O}(4; \{2^{13}, 3^3, 6^9\})$	2294355456
6	$\mathcal{O}(4; \{2^9, 3^6, 6^9\})$	18344765952
6	$\mathcal{O}(4; \{2^5, 3^9, 6^9\})$	146768205312
6	$\mathcal{O}(4; \{2, 3^{12}, 6^9\})$	1174135564800
6	$\mathcal{O}(4; \{2^{14}, 3, 6^{10}\})$	1145498112
6	$\mathcal{O}(4; \{2^{10}, 3^4, 6^{10}\})$	9174062592
6	$\mathcal{O}(4; \{2^6, 3^7, 6^{10}\})$	73382423040
6	$\mathcal{O}(4; \{2^2, 3^{10}, 6^{10}\})$	587069462016
6	$\mathcal{O}(4; \{2^{11}, 3^2, 6^{11}\})$	4585351680
6	$\mathcal{O}(4; \{2^7, 3^5, 6^{11}\})$	36692891136
6	$\mathcal{O}(4; \{2^3, 3^8, 6^{11}\})$	293533051392
6	$\mathcal{O}(4; \{2^{12}, 6^{12}\})$	2294355456

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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	$\mathcal{O}(4; \{2^8, 3^3, 6^{12}\})$	18344765952
6	$\mathcal{O}(4; \{2^4, 3^6, 6^{12}\})$	146768205312
6	$\mathcal{O}(4; \{3^9, 6^{12}\})$	1174135564800
6	$\mathcal{O}(4; \{2^9, 3, 6^{13}\})$	9174062592
6	$\mathcal{O}(4; \{2^5, 3^4, 6^{13}\})$	73382423040
6	$\mathcal{O}(4; \{2, 3^7, 6^{13}\})$	587069462016
6	$\mathcal{O}(4; \{2^6, 3^2, 6^{14}\})$	36692891136
6	$\mathcal{O}(4; \{2^2, 3^5, 6^{14}\})$	293533051392
6	$\mathcal{O}(4; \{2^7, 6^{15}\})$	18344765952
6	$\mathcal{O}(4; \{2^3, 3^3, 6^{15}\})$	146768205312
6	$\mathcal{O}(4; \{2^4, 3, 6^{16}\})$	73382423040
6	$\mathcal{O}(4; \{3^4, 6^{16}\})$	587069462016
6	$\mathcal{O}(4; \{2, 3^2, 6^{17}\})$	293533051392
6	$\mathcal{O}(4; \{2^2, 6^{18}\})$	146768205312
6	$\mathcal{O}(3; \{2^{36}\})$	46592
6	$\mathcal{O}(3; \{2^{32}, 3^3\})$	93312
6	$\mathcal{O}(3; \{2^{28}, 3^6\})$	1026432
6	$\mathcal{O}(3; \{2^{24}, 3^9\})$	7931520
6	$\mathcal{O}(3; \{2^{20}, 3^{12}\})$	63732096
6	$\mathcal{O}(3; \{2^{16}, 3^{15}\})$	509576832
6	$\mathcal{O}(3; \{2^{12}, 3^{18}\})$	4076894592
6	$\mathcal{O}(3; \{2^8, 3^{21}\})$	32614876800
6	$\mathcal{O}(3; \{2^4, 3^{24}\})$	260919294336
6	$\mathcal{O}(3; \{3^{27}\})$	2054739167334
6	$\mathcal{O}(3; \{2^{33}, 3, 6\})$	93312
6	$\mathcal{O}(3; \{2^{29}, 3^4, 6\})$	466560
6	$\mathcal{O}(3; \{2^{25}, 3^7, 6\})$	4012416
6	$\mathcal{O}(3; \{2^{21}, 3^{10}, 6\})$	31819392
6	$\mathcal{O}(3; \{2^{17}, 3^{13}, 6\})$	254835072
6	$\mathcal{O}(3; \{2^{13}, 3^{16}, 6\})$	2038400640
6	$\mathcal{O}(3; \{2^9, 3^{19}, 6\})$	16307485056
6	$\mathcal{O}(3; \{2^5, 3^{22}, 6\})$	130459600512
6	$\mathcal{O}(3; \{2, 3^{25}, 6\})$	1043677084032
6	$\mathcal{O}(3; \{2^{30}, 3^2, 6^2\})$	279936
6	$\mathcal{O}(3; \{2^{26}, 3^5, 6^2\})$	1959552
6	$\mathcal{O}(3; \{2^{22}, 3^8, 6^2\})$	15956352
6	$\mathcal{O}(3; \{2^{18}, 3^{11}, 6^2\})$	127370880
6	$\mathcal{O}(3; \{2^{14}, 3^{14}, 6^2\})$	1019246976
6	$\mathcal{O}(3; \{2^{10}, 3^{17}, 6^2\})$	8153695872
6	$\mathcal{O}(3; \{2^6, 3^{20}, 6^2\})$	65229846912
6	$\mathcal{O}(3; \{2^2, 3^{23}, 6^2\})$	521838495360
6	$\mathcal{O}(3; \{2^{31}, 6^3\})$	93312
6	$\mathcal{O}(3; \{2^{27}, 3^3, 6^3\})$	1026432

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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	$\mathcal{O}(3; \{2^{23}, 3^6, 6^3\})$	7931520
6	$\mathcal{O}(3; \{2^{19}, 3^9, 6^3\})$	63732096
6	$\mathcal{O}(3; \{2^{15}, 3^{12}, 6^3\})$	509576832
6	$\mathcal{O}(3; \{2^{11}, 3^{15}, 6^3\})$	4076894592
6	$\mathcal{O}(3; \{2^7, 3^{18}, 6^3\})$	32614876800
6	$\mathcal{O}(3; \{2^3, 3^{21}, 6^3\})$	260919294336
6	$\mathcal{O}(3; \{2^{28}, 3, 6^4\})$	466560
6	$\mathcal{O}(3; \{2^{24}, 3^4, 6^4\})$	4012416
6	$\mathcal{O}(3; \{2^{20}, 3^7, 6^4\})$	31819392
6	$\mathcal{O}(3; \{2^{16}, 3^{10}, 6^4\})$	254835072
6	$\mathcal{O}(3; \{2^{12}, 3^{13}, 6^4\})$	2038400640
6	$\mathcal{O}(3; \{2^8, 3^{16}, 6^4\})$	16307485056
6	$\mathcal{O}(3; \{2^4, 3^{19}, 6^4\})$	130459600512
6	$\mathcal{O}(3; \{3^{22}, 6^4\})$	1043677084032
6	$\mathcal{O}(3; \{2^{25}, 3^2, 6^5\})$	1959552
6	$\mathcal{O}(3; \{2^{21}, 3^5, 6^5\})$	15956352
6	$\mathcal{O}(3; \{2^{17}, 3^8, 6^5\})$	127370880
6	$\mathcal{O}(3; \{2^{13}, 3^{11}, 6^5\})$	1019246976
6	$\mathcal{O}(3; \{2^9, 3^{14}, 6^5\})$	8153695872
6	$\mathcal{O}(3; \{2^5, 3^{17}, 6^5\})$	65229846912
6	$\mathcal{O}(3; \{2, 3^{20}, 6^5\})$	521838495360
6	$\mathcal{O}(3; \{2^{26}, 6^6\})$	1026432
6	$\mathcal{O}(3; \{2^{22}, 3^3, 6^6\})$	7931520
6	$\mathcal{O}(3; \{2^{18}, 3^6, 6^6\})$	63732096
6	$\mathcal{O}(3; \{2^{14}, 3^9, 6^6\})$	509576832
6	$\mathcal{O}(3; \{2^{10}, 3^{12}, 6^6\})$	4076894592
6	$\mathcal{O}(3; \{2^6, 3^{15}, 6^6\})$	32614876800
6	$\mathcal{O}(3; \{2^2, 3^{18}, 6^6\})$	260919294336
6	$\mathcal{O}(3; \{2^{23}, 3, 6^7\})$	4012416
6	$\mathcal{O}(3; \{2^{19}, 3^4, 6^7\})$	31819392
6	$\mathcal{O}(3; \{2^{15}, 3^7, 6^7\})$	254835072
6	$\mathcal{O}(3; \{2^{11}, 3^{10}, 6^7\})$	2038400640
6	$\mathcal{O}(3; \{2^7, 3^{13}, 6^7\})$	16307485056
6	$\mathcal{O}(3; \{2^3, 3^{16}, 6^7\})$	130459600512
6	$\mathcal{O}(3; \{2^{20}, 3^2, 6^8\})$	15956352
6	$\mathcal{O}(3; \{2^{16}, 3^5, 6^8\})$	127370880
6	$\mathcal{O}(3; \{2^{12}, 3^8, 6^8\})$	1019246976
6	$\mathcal{O}(3; \{2^8, 3^{11}, 6^8\})$	8153695872
6	$\mathcal{O}(3; \{2^4, 3^{14}, 6^8\})$	65229846912
6	$\mathcal{O}(3; \{3^{17}, 6^8\})$	521838495360
6	$\mathcal{O}(3; \{2^{21}, 6^9\})$	7931520
6	$\mathcal{O}(3; \{2^{17}, 3^3, 6^9\})$	63732096
6	$\mathcal{O}(3; \{2^{13}, 3^6, 6^9\})$	509576832

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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	$\mathcal{O}(3; \{2^9, 3^9, 6^9\})$	4076894592
6	$\mathcal{O}(3; \{2^5, 3^{12}, 6^9\})$	32614876800
6	$\mathcal{O}(3; \{2, 3^{15}, 6^9\})$	260919294336
6	$\mathcal{O}(3; \{2^{18}, 3, 6^{10}\})$	31819392
6	$\mathcal{O}(3; \{2^{14}, 3^4, 6^{10}\})$	254835072
6	$\mathcal{O}(3; \{2^{10}, 3^7, 6^{10}\})$	2038400640
6	$\mathcal{O}(3; \{2^6, 3^{10}, 6^{10}\})$	16307485056
6	$\mathcal{O}(3; \{2^2, 3^{13}, 6^{10}\})$	130459600512
6	$\mathcal{O}(3; \{2^{15}, 3^2, 6^{11}\})$	127370880
6	$\mathcal{O}(3; \{2^{11}, 3^5, 6^{11}\})$	1019246976
6	$\mathcal{O}(3; \{2^7, 3^8, 6^{11}\})$	8153695872
6	$\mathcal{O}(3; \{2^3, 3^{11}, 6^{11}\})$	65229846912
6	$\mathcal{O}(3; \{2^{16}, 6^{12}\})$	63732096
6	$\mathcal{O}(3; \{2^{12}, 3^3, 6^{12}\})$	509576832
6	$\mathcal{O}(3; \{2^8, 3^6, 6^{12}\})$	4076894592
6	$\mathcal{O}(3; \{2^4, 3^9, 6^{12}\})$	32614876800
6	$\mathcal{O}(3; \{3^{12}, 6^{12}\})$	260919294336
6	$\mathcal{O}(3; \{2^{13}, 3, 6^{13}\})$	254835072
6	$\mathcal{O}(3; \{2^9, 3^4, 6^{13}\})$	2038400640
6	$\mathcal{O}(3; \{2^5, 3^7, 6^{13}\})$	16307485056
6	$\mathcal{O}(3; \{2, 3^{10}, 6^{13}\})$	130459600512
6	$\mathcal{O}(3; \{2^{10}, 3^2, 6^{14}\})$	1019246976
6	$\mathcal{O}(3; \{2^6, 3^5, 6^{14}\})$	8153695872
6	$\mathcal{O}(3; \{2^2, 3^8, 6^{14}\})$	65229846912
6	$\mathcal{O}(3; \{2^{11}, 6^{15}\})$	509576832
6	$\mathcal{O}(3; \{2^7, 3^3, 6^{15}\})$	4076894592
6	$\mathcal{O}(3; \{2^3, 3^6, 6^{15}\})$	32614876800
6	$\mathcal{O}(3; \{2^8, 3, 6^{16}\})$	2038400640
6	$\mathcal{O}(3; \{2^4, 3^4, 6^{16}\})$	16307485056
6	$\mathcal{O}(3; \{3^7, 6^{16}\})$	130459600512
6	$\mathcal{O}(3; \{2^5, 3^2, 6^{17}\})$	8153695872
6	$\mathcal{O}(3; \{2, 3^5, 6^{17}\})$	65229846912
6	$\mathcal{O}(3; \{2^6, 6^{18}\})$	4076894592
6	$\mathcal{O}(3; \{2^2, 3^3, 6^{18}\})$	32614876800
6	$\mathcal{O}(3; \{2^3, 3, 6^{19}\})$	16307485056
6	$\mathcal{O}(3; \{3^2, 6^{20}\})$	65229846912
6	$\mathcal{O}(3; \{2, 6^{21}\})$	32614876800
6	$\mathcal{O}(2; \{2^{40}\})$	1280
6	$\mathcal{O}(2; \{2^{36}, 3^3\})$	2592
6	$\mathcal{O}(2; \{2^{32}, 3^6\})$	28512
6	$\mathcal{O}(2; \{2^{28}, 3^9\})$	220320
6	$\mathcal{O}(2; \{2^{24}, 3^{12}\})$	1770336
6	$\mathcal{O}(2; \{2^{20}, 3^{15}\})$	14154912

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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	$\mathcal{O}(2; \{2^{16}, 3^{18}\})$	113247072
6	$\mathcal{O}(2; \{2^{12}, 3^{21}\})$	905968800
6	$\mathcal{O}(2; \{2^8, 3^{24}\})$	7247758176
6	$\mathcal{O}(2; \{2^4, 3^{27}\})$	57982057632
6	$\mathcal{O}(2; \{3^{30}\})$	434865439530
6	$\mathcal{O}(2; \{2^{37}, 3, 6\})$	2592
6	$\mathcal{O}(2; \{2^{33}, 3^4, 6\})$	12960
6	$\mathcal{O}(2; \{2^{29}, 3^7, 6\})$	111456
6	$\mathcal{O}(2; \{2^{25}, 3^{10}, 6\})$	883872
6	$\mathcal{O}(2; \{2^{21}, 3^{13}, 6\})$	7078752
6	$\mathcal{O}(2; \{2^{17}, 3^{16}, 6\})$	56622240
6	$\mathcal{O}(2; \{2^{13}, 3^{19}, 6\})$	452985696
6	$\mathcal{O}(2; \{2^9, 3^{22}, 6\})$	3623877792
6	$\mathcal{O}(2; \{2^5, 3^{25}, 6\})$	28991030112
6	$\mathcal{O}(2; \{2, 3^{28}, 6\})$	231928233120
6	$\mathcal{O}(2; \{2^{34}, 3^2, 6^2\})$	7776
6	$\mathcal{O}(2; \{2^{30}, 3^5, 6^2\})$	54432
6	$\mathcal{O}(2; \{2^{26}, 3^8, 6^2\})$	443232
6	$\mathcal{O}(2; \{2^{22}, 3^{11}, 6^2\})$	3538080
6	$\mathcal{O}(2; \{2^{18}, 3^{14}, 6^2\})$	28312416
6	$\mathcal{O}(2; \{2^{14}, 3^{17}, 6^2\})$	226491552
6	$\mathcal{O}(2; \{2^{10}, 3^{20}, 6^2\})$	1811940192
6	$\mathcal{O}(2; \{2^6, 3^{23}, 6^2\})$	14495513760
6	$\mathcal{O}(2; \{2^2, 3^{26}, 6^2\})$	115964117856
6	$\mathcal{O}(2; \{2^{35}, 6^3\})$	2592
6	$\mathcal{O}(2; \{2^{31}, 3^3, 6^3\})$	28512
6	$\mathcal{O}(2; \{2^{27}, 3^6, 6^3\})$	220320
6	$\mathcal{O}(2; \{2^{23}, 3^9, 6^3\})$	1770336
6	$\mathcal{O}(2; \{2^{19}, 3^{12}, 6^3\})$	14154912
6	$\mathcal{O}(2; \{2^{15}, 3^{15}, 6^3\})$	113247072
6	$\mathcal{O}(2; \{2^{11}, 3^{18}, 6^3\})$	905968800
6	$\mathcal{O}(2; \{2^7, 3^{21}, 6^3\})$	7247758176
6	$\mathcal{O}(2; \{2^3, 3^{24}, 6^3\})$	57982057632
6	$\mathcal{O}(2; \{2^{32}, 3, 6^4\})$	12960
6	$\mathcal{O}(2; \{2^{28}, 3^4, 6^4\})$	111456
6	$\mathcal{O}(2; \{2^{24}, 3^7, 6^4\})$	883872
6	$\mathcal{O}(2; \{2^{20}, 3^{10}, 6^4\})$	7078752
6	$\mathcal{O}(2; \{2^{16}, 3^{13}, 6^4\})$	56622240
6	$\mathcal{O}(2; \{2^{12}, 3^{16}, 6^4\})$	452985696
6	$\mathcal{O}(2; \{2^8, 3^{19}, 6^4\})$	3623877792
6	$\mathcal{O}(2; \{2^4, 3^{22}, 6^4\})$	28991030112
6	$\mathcal{O}(2; \{3^{25}, 6^4\})$	231928233120
6	$\mathcal{O}(2; \{2^{29}, 3^2, 6^5\})$	54432

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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	$\mathcal{O}(2; \{2^{25}, 3^5, 6^5\})$	443232
6	$\mathcal{O}(2; \{2^{21}, 3^8, 6^5\})$	3538080
6	$\mathcal{O}(2; \{2^{17}, 3^{11}, 6^5\})$	28312416
6	$\mathcal{O}(2; \{2^{13}, 3^{14}, 6^5\})$	226491552
6	$\mathcal{O}(2; \{2^9, 3^{17}, 6^5\})$	1811940192
6	$\mathcal{O}(2; \{2^5, 3^{20}, 6^5\})$	14495513760
6	$\mathcal{O}(2; \{2, 3^{23}, 6^5\})$	115964117856
6	$\mathcal{O}(2; \{2^{30}, 6^6\})$	28512
6	$\mathcal{O}(2; \{2^{26}, 3^3, 6^6\})$	220320
6	$\mathcal{O}(2; \{2^{22}, 3^6, 6^6\})$	1770336
6	$\mathcal{O}(2; \{2^{18}, 3^9, 6^6\})$	14154912
6	$\mathcal{O}(2; \{2^{14}, 3^{12}, 6^6\})$	113247072
6	$\mathcal{O}(2; \{2^{10}, 3^{15}, 6^6\})$	905968800
6	$\mathcal{O}(2; \{2^6, 3^{18}, 6^6\})$	7247758176
6	$\mathcal{O}(2; \{2^2, 3^{21}, 6^6\})$	57982057632
6	$\mathcal{O}(2; \{2^{27}, 3, 6^7\})$	111456
6	$\mathcal{O}(2; \{2^{23}, 3^4, 6^7\})$	883872
6	$\mathcal{O}(2; \{2^{19}, 3^7, 6^7\})$	7078752
6	$\mathcal{O}(2; \{2^{15}, 3^{10}, 6^7\})$	56622240
6	$\mathcal{O}(2; \{2^{11}, 3^{13}, 6^7\})$	452985696
6	$\mathcal{O}(2; \{2^7, 3^{16}, 6^7\})$	3623877792
6	$\mathcal{O}(2; \{2^3, 3^{19}, 6^7\})$	28991030112
6	$\mathcal{O}(2; \{2^{24}, 3^2, 6^8\})$	443232
6	$\mathcal{O}(2; \{2^{20}, 3^5, 6^8\})$	3538080
6	$\mathcal{O}(2; \{2^{16}, 3^8, 6^8\})$	28312416
6	$\mathcal{O}(2; \{2^{12}, 3^{11}, 6^8\})$	226491552
6	$\mathcal{O}(2; \{2^8, 3^{14}, 6^8\})$	1811940192
6	$\mathcal{O}(2; \{2^4, 3^{17}, 6^8\})$	14495513760
6	$\mathcal{O}(2; \{3^{20}, 6^8\})$	115964117856
6	$\mathcal{O}(2; \{2^{25}, 6^9\})$	220320
6	$\mathcal{O}(2; \{2^{21}, 3^3, 6^9\})$	1770336
6	$\mathcal{O}(2; \{2^{17}, 3^6, 6^9\})$	14154912
6	$\mathcal{O}(2; \{2^{13}, 3^9, 6^9\})$	113247072
6	$\mathcal{O}(2; \{2^9, 3^{12}, 6^9\})$	905968800
6	$\mathcal{O}(2; \{2^5, 3^{15}, 6^9\})$	7247758176
6	$\mathcal{O}(2; \{2, 3^{18}, 6^9\})$	57982057632
6	$\mathcal{O}(2; \{2^{22}, 3, 6^{10}\})$	883872
6	$\mathcal{O}(2; \{2^{18}, 3^4, 6^{10}\})$	7078752
6	$\mathcal{O}(2; \{2^{14}, 3^7, 6^{10}\})$	56622240
6	$\mathcal{O}(2; \{2^{10}, 3^{10}, 6^{10}\})$	452985696
6	$\mathcal{O}(2; \{2^6, 3^{13}, 6^{10}\})$	3623877792
6	$\mathcal{O}(2; \{2^2, 3^{16}, 6^{10}\})$	28991030112
6	$\mathcal{O}(2; \{2^{19}, 3^2, 6^{11}\})$	3538080

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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	$\mathcal{O}(2; \{2^{15}, 3^5, 6^{11}\})$	28312416
6	$\mathcal{O}(2; \{2^{11}, 3^8, 6^{11}\})$	226491552
6	$\mathcal{O}(2; \{2^7, 3^{11}, 6^{11}\})$	1811940192
6	$\mathcal{O}(2; \{2^3, 3^{14}, 6^{11}\})$	14495513760
6	$\mathcal{O}(2; \{2^{20}, 6^{12}\})$	1770336
6	$\mathcal{O}(2; \{2^{16}, 3^3, 6^{12}\})$	14154912
6	$\mathcal{O}(2; \{2^{12}, 3^6, 6^{12}\})$	113247072
6	$\mathcal{O}(2; \{2^8, 3^9, 6^{12}\})$	905968800
6	$\mathcal{O}(2; \{2^4, 3^{12}, 6^{12}\})$	7247758176
6	$\mathcal{O}(2; \{3^{15}, 6^{12}\})$	57982057632
6	$\mathcal{O}(2; \{2^{17}, 3, 6^{13}\})$	7078752
6	$\mathcal{O}(2; \{2^{13}, 3^4, 6^{13}\})$	56622240
6	$\mathcal{O}(2; \{2^9, 3^7, 6^{13}\})$	452985696
6	$\mathcal{O}(2; \{2^5, 3^{10}, 6^{13}\})$	3623877792
6	$\mathcal{O}(2; \{2, 3^{13}, 6^{13}\})$	28991030112
6	$\mathcal{O}(2; \{2^{14}, 3^2, 6^{14}\})$	28312416
6	$\mathcal{O}(2; \{2^{10}, 3^5, 6^{14}\})$	226491552
6	$\mathcal{O}(2; \{2^6, 3^8, 6^{14}\})$	1811940192
6	$\mathcal{O}(2; \{2^2, 3^{11}, 6^{14}\})$	14495513760
6	$\mathcal{O}(2; \{2^{15}, 6^{15}\})$	14154912
6	$\mathcal{O}(2; \{2^{11}, 3^3, 6^{15}\})$	113247072
6	$\mathcal{O}(2; \{2^7, 3^6, 6^{15}\})$	905968800
6	$\mathcal{O}(2; \{2^3, 3^9, 6^{15}\})$	7247758176
6	$\mathcal{O}(2; \{2^{12}, 3, 6^{16}\})$	56622240
6	$\mathcal{O}(2; \{2^8, 3^4, 6^{16}\})$	452985696
6	$\mathcal{O}(2; \{2^4, 3^7, 6^{16}\})$	3623877792
6	$\mathcal{O}(2; \{3^{10}, 6^{16}\})$	28991030112
6	$\mathcal{O}(2; \{2^9, 3^2, 6^{17}\})$	226491552
6	$\mathcal{O}(2; \{2^5, 3^5, 6^{17}\})$	1811940192
6	$\mathcal{O}(2; \{2, 3^8, 6^{17}\})$	14495513760
6	$\mathcal{O}(2; \{2^{10}, 6^{18}\})$	113247072
6	$\mathcal{O}(2; \{2^6, 3^3, 6^{18}\})$	905968800
6	$\mathcal{O}(2; \{2^2, 3^6, 6^{18}\})$	7247758176
6	$\mathcal{O}(2; \{2^7, 3, 6^{19}\})$	452985696
6	$\mathcal{O}(2; \{2^3, 3^4, 6^{19}\})$	3623877792
6	$\mathcal{O}(2; \{2^4, 3^2, 6^{20}\})$	1811940192
6	$\mathcal{O}(2; \{3^5, 6^{20}\})$	14495513760
6	$\mathcal{O}(2; \{2^5, 6^{21}\})$	905968800
6	$\mathcal{O}(2; \{2, 3^3, 6^{21}\})$	7247758176
6	$\mathcal{O}(2; \{2^2, 3, 6^{22}\})$	3623877792
6	$\mathcal{O}(2; \{6^{24}\})$	7247758176
6	$\mathcal{O}(1; \{2^{44}\})$	32
6	$\mathcal{O}(1; \{2^{40}, 3^3\})$	72

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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	$\mathcal{O}(1; \{2^{36}, 3^6\})$	792
6	$\mathcal{O}(1; \{2^{32}, 3^9\})$	6120
6	$\mathcal{O}(1; \{2^{28}, 3^{12}\})$	49176
6	$\mathcal{O}(1; \{2^{24}, 3^{15}\})$	393192
6	$\mathcal{O}(1; \{2^{20}, 3^{18}\})$	3145752
6	$\mathcal{O}(1; \{2^{16}, 3^{21}\})$	25165800
6	$\mathcal{O}(1; \{2^{12}, 3^{24}\})$	201326616
6	$\mathcal{O}(1; \{2^8, 3^{27}\})$	1610612712
6	$\mathcal{O}(1; \{2^4, 3^{30}\})$	12884901912
6	$\mathcal{O}(1; \{3^{33}\})$	77309411310
6	$\mathcal{O}(1; \{2^{41}, 3, 6\})$	72
6	$\mathcal{O}(1; \{2^{37}, 3^4, 6\})$	360
6	$\mathcal{O}(1; \{2^{33}, 3^7, 6\})$	3096
6	$\mathcal{O}(1; \{2^{29}, 3^{10}, 6\})$	24552
6	$\mathcal{O}(1; \{2^{25}, 3^{13}, 6\})$	196632
6	$\mathcal{O}(1; \{2^{21}, 3^{16}, 6\})$	1572840
6	$\mathcal{O}(1; \{2^{17}, 3^{19}, 6\})$	12582936
6	$\mathcal{O}(1; \{2^{13}, 3^{22}, 6\})$	100663272
6	$\mathcal{O}(1; \{2^9, 3^{25}, 6\})$	805306392
6	$\mathcal{O}(1; \{2^5, 3^{28}, 6\})$	6442450920
6	$\mathcal{O}(1; \{2, 3^{31}, 6\})$	51539607576
6	$\mathcal{O}(1; \{2^{38}, 3^2, 6^2\})$	216
6	$\mathcal{O}(1; \{2^{34}, 3^5, 6^2\})$	1512
6	$\mathcal{O}(1; \{2^{30}, 3^8, 6^2\})$	12312
6	$\mathcal{O}(1; \{2^{26}, 3^{11}, 6^2\})$	98280
6	$\mathcal{O}(1; \{2^{22}, 3^{14}, 6^2\})$	786456
6	$\mathcal{O}(1; \{2^{18}, 3^{17}, 6^2\})$	6291432
6	$\mathcal{O}(1; \{2^{14}, 3^{20}, 6^2\})$	50331672
6	$\mathcal{O}(1; \{2^{10}, 3^{23}, 6^2\})$	402653160
6	$\mathcal{O}(1; \{2^6, 3^{26}, 6^2\})$	3221225496
6	$\mathcal{O}(1; \{2^2, 3^{29}, 6^2\})$	25769803752
6	$\mathcal{O}(1; \{2^{39}, 6^3\})$	72
6	$\mathcal{O}(1; \{2^{35}, 3^3, 6^3\})$	792
6	$\mathcal{O}(1; \{2^{31}, 3^6, 6^3\})$	6120
6	$\mathcal{O}(1; \{2^{27}, 3^9, 6^3\})$	49176
6	$\mathcal{O}(1; \{2^{23}, 3^{12}, 6^3\})$	393192
6	$\mathcal{O}(1; \{2^{19}, 3^{15}, 6^3\})$	3145752
6	$\mathcal{O}(1; \{2^{15}, 3^{18}, 6^3\})$	25165800
6	$\mathcal{O}(1; \{2^{11}, 3^{21}, 6^3\})$	201326616
6	$\mathcal{O}(1; \{2^7, 3^{24}, 6^3\})$	1610612712
6	$\mathcal{O}(1; \{2^3, 3^{27}, 6^3\})$	12884901912
6	$\mathcal{O}(1; \{2^{36}, 3, 6^4\})$	360
6	$\mathcal{O}(1; \{2^{32}, 3^4, 6^4\})$	3096

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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	$\mathcal{O}(1; \{2^{28}, 3^7, 6^4\})$	24552
6	$\mathcal{O}(1; \{2^{24}, 3^{10}, 6^4\})$	196632
6	$\mathcal{O}(1; \{2^{20}, 3^{13}, 6^4\})$	1572840
6	$\mathcal{O}(1; \{2^{16}, 3^{16}, 6^4\})$	12582936
6	$\mathcal{O}(1; \{2^{12}, 3^{19}, 6^4\})$	100663272
6	$\mathcal{O}(1; \{2^8, 3^{22}, 6^4\})$	805306392
6	$\mathcal{O}(1; \{2^4, 3^{25}, 6^4\})$	6442450920
6	$\mathcal{O}(1; \{3^{28}, 6^4\})$	51539607576
6	$\mathcal{O}(1; \{2^{33}, 3^2, 6^5\})$	1512
6	$\mathcal{O}(1; \{2^{29}, 3^5, 6^5\})$	12312
6	$\mathcal{O}(1; \{2^{25}, 3^8, 6^5\})$	98280
6	$\mathcal{O}(1; \{2^{21}, 3^{11}, 6^5\})$	786456
6	$\mathcal{O}(1; \{2^{17}, 3^{14}, 6^5\})$	6291432
6	$\mathcal{O}(1; \{2^{13}, 3^{17}, 6^5\})$	50331672
6	$\mathcal{O}(1; \{2^9, 3^{20}, 6^5\})$	402653160
6	$\mathcal{O}(1; \{2^5, 3^{23}, 6^5\})$	3221225496
6	$\mathcal{O}(1; \{2, 3^{26}, 6^5\})$	25769803752
6	$\mathcal{O}(1; \{2^{34}, 6^6\})$	792
6	$\mathcal{O}(1; \{2^{30}, 3^3, 6^6\})$	6120
6	$\mathcal{O}(1; \{2^{26}, 3^6, 6^6\})$	49176
6	$\mathcal{O}(1; \{2^{22}, 3^9, 6^6\})$	393192
6	$\mathcal{O}(1; \{2^{18}, 3^{12}, 6^6\})$	3145752
6	$\mathcal{O}(1; \{2^{14}, 3^{15}, 6^6\})$	25165800
6	$\mathcal{O}(1; \{2^{10}, 3^{18}, 6^6\})$	201326616
6	$\mathcal{O}(1; \{2^6, 3^{21}, 6^6\})$	1610612712
6	$\mathcal{O}(1; \{2^2, 3^{24}, 6^6\})$	12884901912
6	$\mathcal{O}(1; \{2^{31}, 3, 6^7\})$	3096
6	$\mathcal{O}(1; \{2^{27}, 3^4, 6^7\})$	24552
6	$\mathcal{O}(1; \{2^{23}, 3^7, 6^7\})$	196632
6	$\mathcal{O}(1; \{2^{19}, 3^{10}, 6^7\})$	1572840
6	$\mathcal{O}(1; \{2^{15}, 3^{13}, 6^7\})$	12582936
6	$\mathcal{O}(1; \{2^{11}, 3^{16}, 6^7\})$	100663272
6	$\mathcal{O}(1; \{2^7, 3^{19}, 6^7\})$	805306392
6	$\mathcal{O}(1; \{2^3, 3^{22}, 6^7\})$	6442450920
6	$\mathcal{O}(1; \{2^{28}, 3^2, 6^8\})$	12312
6	$\mathcal{O}(1; \{2^{24}, 3^5, 6^8\})$	98280
6	$\mathcal{O}(1; \{2^{20}, 3^8, 6^8\})$	786456
6	$\mathcal{O}(1; \{2^{16}, 3^{11}, 6^8\})$	6291432
6	$\mathcal{O}(1; \{2^{12}, 3^{14}, 6^8\})$	50331672
6	$\mathcal{O}(1; \{2^8, 3^{17}, 6^8\})$	402653160
6	$\mathcal{O}(1; \{2^4, 3^{20}, 6^8\})$	3221225496
6	$\mathcal{O}(1; \{3^{23}, 6^8\})$	25769803752
6	$\mathcal{O}(1; \{2^{29}, 6^9\})$	6120

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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	$\mathcal{O}(1; \{2^{25}, 3^3, 6^9\})$	49176
6	$\mathcal{O}(1; \{2^{21}, 3^6, 6^9\})$	393192
6	$\mathcal{O}(1; \{2^{17}, 3^9, 6^9\})$	3145752
6	$\mathcal{O}(1; \{2^{13}, 3^{12}, 6^9\})$	25165800
6	$\mathcal{O}(1; \{2^9, 3^{15}, 6^9\})$	201326616
6	$\mathcal{O}(1; \{2^5, 3^{18}, 6^9\})$	1610612712
6	$\mathcal{O}(1; \{2, 3^{21}, 6^9\})$	12884901912
6	$\mathcal{O}(1; \{2^{26}, 3, 6^{10}\})$	24552
6	$\mathcal{O}(1; \{2^{22}, 3^4, 6^{10}\})$	196632
6	$\mathcal{O}(1; \{2^{18}, 3^7, 6^{10}\})$	1572840
6	$\mathcal{O}(1; \{2^{14}, 3^{10}, 6^{10}\})$	12582936
6	$\mathcal{O}(1; \{2^{10}, 3^{13}, 6^{10}\})$	100663272
6	$\mathcal{O}(1; \{2^6, 3^{16}, 6^{10}\})$	805306392
6	$\mathcal{O}(1; \{2^2, 3^{19}, 6^{10}\})$	6442450920
6	$\mathcal{O}(1; \{2^{23}, 3^2, 6^{11}\})$	98280
6	$\mathcal{O}(1; \{2^{19}, 3^5, 6^{11}\})$	786456
6	$\mathcal{O}(1; \{2^{15}, 3^8, 6^{11}\})$	6291432
6	$\mathcal{O}(1; \{2^{11}, 3^{11}, 6^{11}\})$	50331672
6	$\mathcal{O}(1; \{2^7, 3^{14}, 6^{11}\})$	402653160
6	$\mathcal{O}(1; \{2^3, 3^{17}, 6^{11}\})$	3221225496
6	$\mathcal{O}(1; \{2^{24}, 6^{12}\})$	49176
6	$\mathcal{O}(1; \{2^{20}, 3^3, 6^{12}\})$	393192
6	$\mathcal{O}(1; \{2^{16}, 3^6, 6^{12}\})$	3145752
6	$\mathcal{O}(1; \{2^{12}, 3^9, 6^{12}\})$	25165800
6	$\mathcal{O}(1; \{2^8, 3^{12}, 6^{12}\})$	201326616
6	$\mathcal{O}(1; \{2^4, 3^{15}, 6^{12}\})$	1610612712
6	$\mathcal{O}(1; \{3^{18}, 6^{12}\})$	12884901912
6	$\mathcal{O}(1; \{2^{21}, 3, 6^{13}\})$	196632
6	$\mathcal{O}(1; \{2^{17}, 3^4, 6^{13}\})$	1572840
6	$\mathcal{O}(1; \{2^{13}, 3^7, 6^{13}\})$	12582936
6	$\mathcal{O}(1; \{2^9, 3^{10}, 6^{13}\})$	100663272
6	$\mathcal{O}(1; \{2^5, 3^{13}, 6^{13}\})$	805306392
6	$\mathcal{O}(1; \{2, 3^{16}, 6^{13}\})$	6442450920
6	$\mathcal{O}(1; \{2^{18}, 3^2, 6^{14}\})$	786456
6	$\mathcal{O}(1; \{2^{14}, 3^5, 6^{14}\})$	6291432
6	$\mathcal{O}(1; \{2^{10}, 3^8, 6^{14}\})$	50331672
6	$\mathcal{O}(1; \{2^6, 3^{11}, 6^{14}\})$	402653160
6	$\mathcal{O}(1; \{2^2, 3^{14}, 6^{14}\})$	3221225496
6	$\mathcal{O}(1; \{2^{19}, 6^{15}\})$	393192
6	$\mathcal{O}(1; \{2^{15}, 3^3, 6^{15}\})$	3145752
6	$\mathcal{O}(1; \{2^{11}, 3^6, 6^{15}\})$	25165800
6	$\mathcal{O}(1; \{2^7, 3^9, 6^{15}\})$	201326616
6	$\mathcal{O}(1; \{2^3, 3^{12}, 6^{15}\})$	1610612712

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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	$\mathcal{O}(1; \{2^{16}, 3, 6^{16}\})$	1572840
6	$\mathcal{O}(1; \{2^{12}, 3^4, 6^{16}\})$	12582936
6	$\mathcal{O}(1; \{2^8, 3^7, 6^{16}\})$	100663272
6	$\mathcal{O}(1; \{2^4, 3^{10}, 6^{16}\})$	805306392
6	$\mathcal{O}(1; \{3^{13}, 6^{16}\})$	6442450920
6	$\mathcal{O}(1; \{2^{13}, 3^2, 6^{17}\})$	6291432
6	$\mathcal{O}(1; \{2^9, 3^5, 6^{17}\})$	50331672
6	$\mathcal{O}(1; \{2^5, 3^8, 6^{17}\})$	402653160
6	$\mathcal{O}(1; \{2, 3^{11}, 6^{17}\})$	3221225496
6	$\mathcal{O}(1; \{2^{14}, 6^{18}\})$	3145752
6	$\mathcal{O}(1; \{2^{10}, 3^3, 6^{18}\})$	25165800
6	$\mathcal{O}(1; \{2^6, 3^6, 6^{18}\})$	201326616
6	$\mathcal{O}(1; \{2^2, 3^9, 6^{18}\})$	1610612712
6	$\mathcal{O}(1; \{2^{11}, 3, 6^{19}\})$	12582936
6	$\mathcal{O}(1; \{2^7, 3^4, 6^{19}\})$	100663272
6	$\mathcal{O}(1; \{2^3, 3^7, 6^{19}\})$	805306392
6	$\mathcal{O}(1; \{2^8, 3^2, 6^{20}\})$	50331672
6	$\mathcal{O}(1; \{2^4, 3^5, 6^{20}\})$	402653160
6	$\mathcal{O}(1; \{3^8, 6^{20}\})$	3221225496
6	$\mathcal{O}(1; \{2^9, 6^{21}\})$	25165800
6	$\mathcal{O}(1; \{2^5, 3^3, 6^{21}\})$	201326616
6	$\mathcal{O}(1; \{2, 3^6, 6^{21}\})$	1610612712
6	$\mathcal{O}(1; \{2^6, 3, 6^{22}\})$	100663272
6	$\mathcal{O}(1; \{2^2, 3^4, 6^{22}\})$	805306392
6	$\mathcal{O}(1; \{2^3, 3^2, 6^{23}\})$	402653160
6	$\mathcal{O}(1; \{2^4, 6^{24}\})$	201326616
6	$\mathcal{O}(1; \{3^3, 6^{24}\})$	1610612712
6	$\mathcal{O}(1; \{2, 3, 6^{25}\})$	805306392
6	$\mathcal{O}(0; \{2^{44}, 3^3\})$	2
6	$\mathcal{O}(0; \{2^{40}, 3^6\})$	22
6	$\mathcal{O}(0; \{2^{36}, 3^9\})$	170
6	$\mathcal{O}(0; \{2^{32}, 3^{12}\})$	1366
6	$\mathcal{O}(0; \{2^{28}, 3^{15}\})$	10922
6	$\mathcal{O}(0; \{2^{24}, 3^{18}\})$	87382
6	$\mathcal{O}(0; \{2^{20}, 3^{21}\})$	699050
6	$\mathcal{O}(0; \{2^{16}, 3^{24}\})$	5592406
6	$\mathcal{O}(0; \{2^{12}, 3^{27}\})$	44739242
6	$\mathcal{O}(0; \{2^8, 3^{30}\})$	357913942
6	$\mathcal{O}(0; \{2^4, 3^{33}\})$	2863311530
6	$\mathcal{O}(0; \{2^{45}, 3, 6\})$	2
6	$\mathcal{O}(0; \{2^{41}, 3^4, 6\})$	10
6	$\mathcal{O}(0; \{2^{37}, 3^7, 6\})$	86
6	$\mathcal{O}(0; \{2^{33}, 3^{10}, 6\})$	682

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

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

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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	$\mathcal{O}(0; \{2^5, 3^{21}, 6^9\})$	357913942
6	$\mathcal{O}(0; \{2, 3^{24}, 6^9\})$	2863311530
6	$\mathcal{O}(0; \{2^{30}, 3, 6^{10}\})$	682
6	$\mathcal{O}(0; \{2^{26}, 3^4, 6^{10}\})$	5462
6	$\mathcal{O}(0; \{2^{22}, 3^7, 6^{10}\})$	43690
6	$\mathcal{O}(0; \{2^{18}, 3^{10}, 6^{10}\})$	349526
6	$\mathcal{O}(0; \{2^{14}, 3^{13}, 6^{10}\})$	2796202
6	$\mathcal{O}(0; \{2^{10}, 3^{16}, 6^{10}\})$	22369622
6	$\mathcal{O}(0; \{2^6, 3^{19}, 6^{10}\})$	178956970
6	$\mathcal{O}(0; \{2^2, 3^{22}, 6^{10}\})$	1431655766
6	$\mathcal{O}(0; \{2^{27}, 3^2, 6^{11}\})$	2730
6	$\mathcal{O}(0; \{2^{23}, 3^5, 6^{11}\})$	21846
6	$\mathcal{O}(0; \{2^{19}, 3^8, 6^{11}\})$	174762
6	$\mathcal{O}(0; \{2^{15}, 3^{11}, 6^{11}\})$	1398102
6	$\mathcal{O}(0; \{2^{11}, 3^{14}, 6^{11}\})$	11184810
6	$\mathcal{O}(0; \{2^7, 3^{17}, 6^{11}\})$	89478486
6	$\mathcal{O}(0; \{2^3, 3^{20}, 6^{11}\})$	715827882
6	$\mathcal{O}(0; \{2^{28}, 6^{12}\})$	1366
6	$\mathcal{O}(0; \{2^{24}, 3^3, 6^{12}\})$	10922
6	$\mathcal{O}(0; \{2^{20}, 3^6, 6^{12}\})$	87382
6	$\mathcal{O}(0; \{2^{16}, 3^9, 6^{12}\})$	699050
6	$\mathcal{O}(0; \{2^{12}, 3^{12}, 6^{12}\})$	5592406
6	$\mathcal{O}(0; \{2^8, 3^{15}, 6^{12}\})$	44739242
6	$\mathcal{O}(0; \{2^4, 3^{18}, 6^{12}\})$	357913942
6	$\mathcal{O}(0; \{3^{21}, 6^{12}\})$	2863311530
6	$\mathcal{O}(0; \{2^{25}, 3, 6^{13}\})$	5462
6	$\mathcal{O}(0; \{2^{21}, 3^4, 6^{13}\})$	43690
6	$\mathcal{O}(0; \{2^{17}, 3^7, 6^{13}\})$	349526
6	$\mathcal{O}(0; \{2^{13}, 3^{10}, 6^{13}\})$	2796202
6	$\mathcal{O}(0; \{2^9, 3^{13}, 6^{13}\})$	22369622
6	$\mathcal{O}(0; \{2^5, 3^{16}, 6^{13}\})$	178956970
6	$\mathcal{O}(0; \{2, 3^{19}, 6^{13}\})$	1431655766
6	$\mathcal{O}(0; \{2^{22}, 3^2, 6^{14}\})$	21846
6	$\mathcal{O}(0; \{2^{18}, 3^5, 6^{14}\})$	174762
6	$\mathcal{O}(0; \{2^{14}, 3^8, 6^{14}\})$	1398102
6	$\mathcal{O}(0; \{2^{10}, 3^{11}, 6^{14}\})$	11184810
6	$\mathcal{O}(0; \{2^6, 3^{14}, 6^{14}\})$	89478486
6	$\mathcal{O}(0; \{2^2, 3^{17}, 6^{14}\})$	715827882
6	$\mathcal{O}(0; \{2^{23}, 6^{15}\})$	10922
6	$\mathcal{O}(0; \{2^{19}, 3^3, 6^{15}\})$	87382
6	$\mathcal{O}(0; \{2^{15}, 3^6, 6^{15}\})$	699050
6	$\mathcal{O}(0; \{2^{11}, 3^9, 6^{15}\})$	5592406
6	$\mathcal{O}(0; \{2^7, 3^{12}, 6^{15}\})$	44739242

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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	$\mathcal{O}(0; \{2^3, 3^{15}, 6^{15}\})$	357913942
6	$\mathcal{O}(0; \{2^{20}, 3, 6^{16}\})$	43690
6	$\mathcal{O}(0; \{2^{16}, 3^4, 6^{16}\})$	349526
6	$\mathcal{O}(0; \{2^{12}, 3^7, 6^{16}\})$	2796202
6	$\mathcal{O}(0; \{2^8, 3^{10}, 6^{16}\})$	22369622
6	$\mathcal{O}(0; \{2^4, 3^{13}, 6^{16}\})$	178956970
6	$\mathcal{O}(0; \{3^{16}, 6^{16}\})$	1431655766
6	$\mathcal{O}(0; \{2^{17}, 3^2, 6^{17}\})$	174762
6	$\mathcal{O}(0; \{2^{13}, 3^5, 6^{17}\})$	1398102
6	$\mathcal{O}(0; \{2^9, 3^8, 6^{17}\})$	11184810
6	$\mathcal{O}(0; \{2^5, 3^{11}, 6^{17}\})$	89478486
6	$\mathcal{O}(0; \{2, 3^{14}, 6^{17}\})$	715827882
6	$\mathcal{O}(0; \{2^{18}, 6^{18}\})$	87382
6	$\mathcal{O}(0; \{2^{14}, 3^3, 6^{18}\})$	699050
6	$\mathcal{O}(0; \{2^{10}, 3^6, 6^{18}\})$	5592406
6	$\mathcal{O}(0; \{2^6, 3^9, 6^{18}\})$	44739242
6	$\mathcal{O}(0; \{2^2, 3^{12}, 6^{18}\})$	357913942
6	$\mathcal{O}(0; \{2^{15}, 3, 6^{19}\})$	349526
6	$\mathcal{O}(0; \{2^{11}, 3^4, 6^{19}\})$	2796202
6	$\mathcal{O}(0; \{2^7, 3^7, 6^{19}\})$	22369622
6	$\mathcal{O}(0; \{2^3, 3^{10}, 6^{19}\})$	178956970
6	$\mathcal{O}(0; \{2^{12}, 3^2, 6^{20}\})$	1398102
6	$\mathcal{O}(0; \{2^8, 3^5, 6^{20}\})$	11184810
6	$\mathcal{O}(0; \{2^4, 3^8, 6^{20}\})$	89478486
6	$\mathcal{O}(0; \{3^{11}, 6^{20}\})$	715827882
6	$\mathcal{O}(0; \{2^{13}, 6^{21}\})$	699050
6	$\mathcal{O}(0; \{2^9, 3^3, 6^{21}\})$	5592406
6	$\mathcal{O}(0; \{2^5, 3^6, 6^{21}\})$	44739242
6	$\mathcal{O}(0; \{2, 3^9, 6^{21}\})$	357913942
6	$\mathcal{O}(0; \{2^{10}, 3, 6^{22}\})$	2796202
6	$\mathcal{O}(0; \{2^6, 3^4, 6^{22}\})$	22369622
6	$\mathcal{O}(0; \{2^2, 3^7, 6^{22}\})$	178956970
6	$\mathcal{O}(0; \{2^7, 3^2, 6^{23}\})$	11184810
6	$\mathcal{O}(0; \{2^3, 3^5, 6^{23}\})$	89478486
6	$\mathcal{O}(0; \{2^8, 6^{24}\})$	5592406
6	$\mathcal{O}(0; \{2^4, 3^3, 6^{24}\})$	44739242
6	$\mathcal{O}(0; \{3^6, 6^{24}\})$	357913942
6	$\mathcal{O}(0; \{2^5, 3, 6^{25}\})$	22369622
6	$\mathcal{O}(0; \{2, 3^4, 6^{25}\})$	178956970
6	$\mathcal{O}(0; \{2^2, 3^2, 6^{26}\})$	89478486
6	$\mathcal{O}(0; \{2^3, 6^{27}\})$	44739242
6	$\mathcal{O}(0; \{3, 6^{28}\})$	178956970
7	$\mathcal{O}(7; \{7^8\})$	162736913437826154

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
7	$\mathcal{O}(4; \{7^{15}\})$	387217552747731510
7	$\mathcal{O}(1; \{7^{22}\})$	921351926895869994
8	$\mathcal{O}(8; \{2^2, 4^2\})$	562941363486720
8	$\mathcal{O}(8; \{4, 8^2\})$	2251799813685248
8	$\mathcal{O}(7; \{2^6, 4^2\})$	8795556151296
8	$\mathcal{O}(7; \{2^3, 4^4\})$	35182224605184
8	$\mathcal{O}(7; \{4^6\})$	140728898420736
8	$\mathcal{O}(7; \{2^4, 4, 8^2\})$	35184372088832
8	$\mathcal{O}(7; \{2, 4^3, 8^2\})$	140737488355328
8	$\mathcal{O}(7; \{2^2, 8^4\})$	281474976710656
8	$\mathcal{O}(6; \{2^{10}, 4^2\})$	137405399040
8	$\mathcal{O}(6; \{2^7, 4^4\})$	549621596160
8	$\mathcal{O}(6; \{2^4, 4^6\})$	2198486384640
8	$\mathcal{O}(6; \{2, 4^8\})$	8793945538560
8	$\mathcal{O}(6; \{2^8, 4, 8^2\})$	549755813888
8	$\mathcal{O}(6; \{2^5, 4^3, 8^2\})$	2199023255552
8	$\mathcal{O}(6; \{2^2, 4^5, 8^2\})$	8796093022208
8	$\mathcal{O}(6; \{2^6, 8^4\})$	4398046511104
8	$\mathcal{O}(6; \{2^3, 4^2, 8^4\})$	17592186044416
8	$\mathcal{O}(6; \{4^4, 8^4\})$	70368744177664
8	$\mathcal{O}(6; \{2, 4, 8^6\})$	140737488355328
8	$\mathcal{O}(5; \{2^{14}, 4^2\})$	2145386496
8	$\mathcal{O}(5; \{2^{11}, 4^4\})$	8581545984
8	$\mathcal{O}(5; \{2^8, 4^6\})$	34326183936
8	$\mathcal{O}(5; \{2^5, 4^8\})$	137304735744
8	$\mathcal{O}(5; \{2^2, 4^{10}\})$	549218942976
8	$\mathcal{O}(5; \{2^{12}, 4, 8^2\})$	8589934592
8	$\mathcal{O}(5; \{2^9, 4^3, 8^2\})$	34359738368
8	$\mathcal{O}(5; \{2^6, 4^5, 8^2\})$	137438953472
8	$\mathcal{O}(5; \{2^3, 4^7, 8^2\})$	549755813888
8	$\mathcal{O}(5; \{4^9, 8^2\})$	2199023255552
8	$\mathcal{O}(5; \{2^{10}, 8^4\})$	68719476736
8	$\mathcal{O}(5; \{2^7, 4^2, 8^4\})$	274877906944
8	$\mathcal{O}(5; \{2^4, 4^4, 8^4\})$	1099511627776
8	$\mathcal{O}(5; \{2, 4^6, 8^4\})$	4398046511104
8	$\mathcal{O}(5; \{2^5, 4, 8^6\})$	2199023255552
8	$\mathcal{O}(5; \{2^2, 4^3, 8^6\})$	8796093022208
8	$\mathcal{O}(5; \{2^3, 8^8\})$	17592186044416
8	$\mathcal{O}(5; \{4^2, 8^8\})$	70368744177664
8	$\mathcal{O}(4; \{2^{18}, 4^2\})$	33423360
8	$\mathcal{O}(4; \{2^{15}, 4^4\})$	133693440
8	$\mathcal{O}(4; \{2^{12}, 4^6\})$	534773760
8	$\mathcal{O}(4; \{2^9, 4^8\})$	2139095040

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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	$\mathcal{O}(4; \{2^6, 4^{10}\})$	8556380160
8	$\mathcal{O}(4; \{2^3, 4^{12}\})$	34225520640
8	$\mathcal{O}(4; \{4^{14}\})$	136902082560
8	$\mathcal{O}(4; \{2^{16}, 4, 8^2\})$	134217728
8	$\mathcal{O}(4; \{2^{13}, 4^3, 8^2\})$	536870912
8	$\mathcal{O}(4; \{2^{10}, 4^5, 8^2\})$	2147483648
8	$\mathcal{O}(4; \{2^7, 4^7, 8^2\})$	8589934592
8	$\mathcal{O}(4; \{2^4, 4^9, 8^2\})$	34359738368
8	$\mathcal{O}(4; \{2, 4^{11}, 8^2\})$	137438953472
8	$\mathcal{O}(4; \{2^{14}, 8^4\})$	1073741824
8	$\mathcal{O}(4; \{2^{11}, 4^2, 8^4\})$	4294967296
8	$\mathcal{O}(4; \{2^8, 4^4, 8^4\})$	17179869184
8	$\mathcal{O}(4; \{2^5, 4^6, 8^4\})$	68719476736
8	$\mathcal{O}(4; \{2^2, 4^8, 8^4\})$	274877906944
8	$\mathcal{O}(4; \{2^9, 4, 8^6\})$	34359738368
8	$\mathcal{O}(4; \{2^6, 4^3, 8^6\})$	137438953472
8	$\mathcal{O}(4; \{2^3, 4^5, 8^6\})$	549755813888
8	$\mathcal{O}(4; \{4^7, 8^6\})$	2199023255552
8	$\mathcal{O}(4; \{2^7, 8^8\})$	274877906944
8	$\mathcal{O}(4; \{2^4, 4^2, 8^8\})$	1099511627776
8	$\mathcal{O}(4; \{2, 4^4, 8^8\})$	4398046511104
8	$\mathcal{O}(4; \{2^2, 4, 8^{10}\})$	8796093022208
8	$\mathcal{O}(4; \{8^{12}\})$	70368744177664
8	$\mathcal{O}(3; \{2^{22}, 4^2\})$	516096
8	$\mathcal{O}(3; \{2^{19}, 4^4\})$	2064384
8	$\mathcal{O}(3; \{2^{16}, 4^6\})$	8257536
8	$\mathcal{O}(3; \{2^{13}, 4^8\})$	33030144
8	$\mathcal{O}(3; \{2^{10}, 4^{10}\})$	132120576
8	$\mathcal{O}(3; \{2^7, 4^{12}\})$	528482304
8	$\mathcal{O}(3; \{2^4, 4^{14}\})$	2113929216
8	$\mathcal{O}(3; \{2, 4^{16}\})$	8455716864
8	$\mathcal{O}(3; \{2^{20}, 4, 8^2\})$	2097152
8	$\mathcal{O}(3; \{2^{17}, 4^3, 8^2\})$	8388608
8	$\mathcal{O}(3; \{2^{14}, 4^5, 8^2\})$	33554432
8	$\mathcal{O}(3; \{2^{11}, 4^7, 8^2\})$	134217728
8	$\mathcal{O}(3; \{2^8, 4^9, 8^2\})$	536870912
8	$\mathcal{O}(3; \{2^5, 4^{11}, 8^2\})$	2147483648
8	$\mathcal{O}(3; \{2^2, 4^{13}, 8^2\})$	8589934592
8	$\mathcal{O}(3; \{2^{18}, 8^4\})$	16777216
8	$\mathcal{O}(3; \{2^{15}, 4^2, 8^4\})$	67108864
8	$\mathcal{O}(3; \{2^{12}, 4^4, 8^4\})$	268435456
8	$\mathcal{O}(3; \{2^9, 4^6, 8^4\})$	1073741824
8	$\mathcal{O}(3; \{2^6, 4^8, 8^4\})$	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	$\mathcal{O}(3; \{2^3, 4^{10}, 8^4\})$	17179869184
8	$\mathcal{O}(3; \{4^{12}, 8^4\})$	68719476736
8	$\mathcal{O}(3; \{2^{13}, 4, 8^6\})$	536870912
8	$\mathcal{O}(3; \{2^{10}, 4^3, 8^6\})$	2147483648
8	$\mathcal{O}(3; \{2^7, 4^5, 8^6\})$	8589934592
8	$\mathcal{O}(3; \{2^4, 4^7, 8^6\})$	34359738368
8	$\mathcal{O}(3; \{2, 4^9, 8^6\})$	137438953472
8	$\mathcal{O}(3; \{2^{11}, 8^8\})$	4294967296
8	$\mathcal{O}(3; \{2^8, 4^2, 8^8\})$	17179869184
8	$\mathcal{O}(3; \{2^5, 4^4, 8^8\})$	68719476736
8	$\mathcal{O}(3; \{2^2, 4^6, 8^8\})$	274877906944
8	$\mathcal{O}(3; \{2^6, 4, 8^{10}\})$	137438953472
8	$\mathcal{O}(3; \{2^3, 4^3, 8^{10}\})$	549755813888
8	$\mathcal{O}(3; \{4^5, 8^{10}\})$	2199023255552
8	$\mathcal{O}(3; \{2^4, 8^{12}\})$	1099511627776
8	$\mathcal{O}(3; \{2, 4^2, 8^{12}\})$	4398046511104
8	$\mathcal{O}(2; \{2^{26}, 4^2\})$	7680
8	$\mathcal{O}(2; \{2^{23}, 4^4\})$	30720
8	$\mathcal{O}(2; \{2^{20}, 4^6\})$	122880
8	$\mathcal{O}(2; \{2^{17}, 4^8\})$	491520
8	$\mathcal{O}(2; \{2^{14}, 4^{10}\})$	1966080
8	$\mathcal{O}(2; \{2^{11}, 4^{12}\})$	7864320
8	$\mathcal{O}(2; \{2^8, 4^{14}\})$	31457280
8	$\mathcal{O}(2; \{2^5, 4^{16}\})$	125829120
8	$\mathcal{O}(2; \{2^2, 4^{18}\})$	503316480
8	$\mathcal{O}(2; \{2^{24}, 4, 8^2\})$	32768
8	$\mathcal{O}(2; \{2^{21}, 4^3, 8^2\})$	131072
8	$\mathcal{O}(2; \{2^{18}, 4^5, 8^2\})$	524288
8	$\mathcal{O}(2; \{2^{15}, 4^7, 8^2\})$	2097152
8	$\mathcal{O}(2; \{2^{12}, 4^9, 8^2\})$	8388608
8	$\mathcal{O}(2; \{2^9, 4^{11}, 8^2\})$	33554432
8	$\mathcal{O}(2; \{2^6, 4^{13}, 8^2\})$	134217728
8	$\mathcal{O}(2; \{2^3, 4^{15}, 8^2\})$	536870912
8	$\mathcal{O}(2; \{4^{17}, 8^2\})$	2147483648
8	$\mathcal{O}(2; \{2^{22}, 8^4\})$	262144
8	$\mathcal{O}(2; \{2^{19}, 4^2, 8^4\})$	1048576
8	$\mathcal{O}(2; \{2^{16}, 4^4, 8^4\})$	4194304
8	$\mathcal{O}(2; \{2^{13}, 4^6, 8^4\})$	16777216
8	$\mathcal{O}(2; \{2^{10}, 4^8, 8^4\})$	67108864
8	$\mathcal{O}(2; \{2^7, 4^{10}, 8^4\})$	268435456
8	$\mathcal{O}(2; \{2^4, 4^{12}, 8^4\})$	1073741824
8	$\mathcal{O}(2; \{2, 4^{14}, 8^4\})$	4294967296
8	$\mathcal{O}(2; \{2^{17}, 4, 8^6\})$	8388608

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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	$\mathcal{O}(2; \{2^{14}, 4^3, 8^6\})$	33554432
8	$\mathcal{O}(2; \{2^{11}, 4^5, 8^6\})$	134217728
8	$\mathcal{O}(2; \{2^8, 4^7, 8^6\})$	536870912
8	$\mathcal{O}(2; \{2^5, 4^9, 8^6\})$	2147483648
8	$\mathcal{O}(2; \{2^2, 4^{11}, 8^6\})$	8589934592
8	$\mathcal{O}(2; \{2^{15}, 8^8\})$	67108864
8	$\mathcal{O}(2; \{2^{12}, 4^2, 8^8\})$	268435456
8	$\mathcal{O}(2; \{2^9, 4^4, 8^8\})$	1073741824
8	$\mathcal{O}(2; \{2^6, 4^6, 8^8\})$	4294967296
8	$\mathcal{O}(2; \{2^3, 4^8, 8^8\})$	17179869184
8	$\mathcal{O}(2; \{4^{10}, 8^8\})$	68719476736
8	$\mathcal{O}(2; \{2^{10}, 4, 8^{10}\})$	2147483648
8	$\mathcal{O}(2; \{2^7, 4^3, 8^{10}\})$	8589934592
8	$\mathcal{O}(2; \{2^4, 4^5, 8^{10}\})$	34359738368
8	$\mathcal{O}(2; \{2, 4^7, 8^{10}\})$	137438953472
8	$\mathcal{O}(2; \{2^8, 8^{12}\})$	17179869184
8	$\mathcal{O}(2; \{2^5, 4^2, 8^{12}\})$	68719476736
8	$\mathcal{O}(2; \{2^2, 4^4, 8^{12}\})$	274877906944
8	$\mathcal{O}(2; \{2^3, 4, 8^{14}\})$	549755813888
8	$\mathcal{O}(2; \{4^3, 8^{14}\})$	2199023255552
8	$\mathcal{O}(2; \{2, 8^{16}\})$	4398046511104
8	$\mathcal{O}(1; \{2^{30}, 4^2\})$	96
8	$\mathcal{O}(1; \{2^{27}, 4^4\})$	384
8	$\mathcal{O}(1; \{2^{24}, 4^6\})$	1536
8	$\mathcal{O}(1; \{2^{21}, 4^8\})$	6144
8	$\mathcal{O}(1; \{2^{18}, 4^{10}\})$	24576
8	$\mathcal{O}(1; \{2^{15}, 4^{12}\})$	98304
8	$\mathcal{O}(1; \{2^{12}, 4^{14}\})$	393216
8	$\mathcal{O}(1; \{2^9, 4^{16}\})$	1572864
8	$\mathcal{O}(1; \{2^6, 4^{18}\})$	6291456
8	$\mathcal{O}(1; \{2^3, 4^{20}\})$	25165824
8	$\mathcal{O}(1; \{4^{22}\})$	100663296
8	$\mathcal{O}(1; \{2^{28}, 4, 8^2\})$	512
8	$\mathcal{O}(1; \{2^{25}, 4^3, 8^2\})$	2048
8	$\mathcal{O}(1; \{2^{22}, 4^5, 8^2\})$	8192
8	$\mathcal{O}(1; \{2^{19}, 4^7, 8^2\})$	32768
8	$\mathcal{O}(1; \{2^{16}, 4^9, 8^2\})$	131072
8	$\mathcal{O}(1; \{2^{13}, 4^{11}, 8^2\})$	524288
8	$\mathcal{O}(1; \{2^{10}, 4^{13}, 8^2\})$	2097152
8	$\mathcal{O}(1; \{2^7, 4^{15}, 8^2\})$	8388608
8	$\mathcal{O}(1; \{2^4, 4^{17}, 8^2\})$	33554432
8	$\mathcal{O}(1; \{2, 4^{19}, 8^2\})$	134217728
8	$\mathcal{O}(1; \{2^{26}, 8^4\})$	4096

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{2^{23}, 4^2, 8^4\})$	16384
8	$\mathcal{O}(1; \{2^{20}, 4^4, 8^4\})$	65536
8	$\mathcal{O}(1; \{2^{17}, 4^6, 8^4\})$	262144
8	$\mathcal{O}(1; \{2^{14}, 4^8, 8^4\})$	1048576
8	$\mathcal{O}(1; \{2^{11}, 4^{10}, 8^4\})$	4194304
8	$\mathcal{O}(1; \{2^8, 4^{12}, 8^4\})$	16777216
8	$\mathcal{O}(1; \{2^5, 4^{14}, 8^4\})$	67108864
8	$\mathcal{O}(1; \{2^2, 4^{16}, 8^4\})$	268435456
8	$\mathcal{O}(1; \{2^{21}, 4, 8^6\})$	131072
8	$\mathcal{O}(1; \{2^{18}, 4^3, 8^6\})$	524288
8	$\mathcal{O}(1; \{2^{15}, 4^5, 8^6\})$	2097152
8	$\mathcal{O}(1; \{2^{12}, 4^7, 8^6\})$	8388608
8	$\mathcal{O}(1; \{2^9, 4^9, 8^6\})$	33554432
8	$\mathcal{O}(1; \{2^6, 4^{11}, 8^6\})$	134217728
8	$\mathcal{O}(1; \{2^3, 4^{13}, 8^6\})$	536870912
8	$\mathcal{O}(1; \{4^{15}, 8^6\})$	2147483648
8	$\mathcal{O}(1; \{2^{19}, 8^8\})$	1048576
8	$\mathcal{O}(1; \{2^{16}, 4^2, 8^8\})$	4194304
8	$\mathcal{O}(1; \{2^{13}, 4^4, 8^8\})$	16777216
8	$\mathcal{O}(1; \{2^{10}, 4^6, 8^8\})$	67108864
8	$\mathcal{O}(1; \{2^7, 4^8, 8^8\})$	268435456
8	$\mathcal{O}(1; \{2^4, 4^{10}, 8^8\})$	1073741824
8	$\mathcal{O}(1; \{2, 4^{12}, 8^8\})$	4294967296
8	$\mathcal{O}(1; \{2^{14}, 4, 8^{10}\})$	33554432
8	$\mathcal{O}(1; \{2^{11}, 4^3, 8^{10}\})$	134217728
8	$\mathcal{O}(1; \{2^8, 4^5, 8^{10}\})$	536870912
8	$\mathcal{O}(1; \{2^5, 4^7, 8^{10}\})$	2147483648
8	$\mathcal{O}(1; \{2^2, 4^9, 8^{10}\})$	8589934592
8	$\mathcal{O}(1; \{2^{12}, 8^{12}\})$	268435456
8	$\mathcal{O}(1; \{2^9, 4^2, 8^{12}\})$	1073741824
8	$\mathcal{O}(1; \{2^6, 4^4, 8^{12}\})$	4294967296
8	$\mathcal{O}(1; \{2^3, 4^6, 8^{12}\})$	17179869184
8	$\mathcal{O}(1; \{4^8, 8^{12}\})$	68719476736
8	$\mathcal{O}(1; \{2^7, 4, 8^{14}\})$	8589934592
8	$\mathcal{O}(1; \{2^4, 4^3, 8^{14}\})$	34359738368
8	$\mathcal{O}(1; \{2, 4^5, 8^{14}\})$	137438953472
8	$\mathcal{O}(1; \{2^5, 8^{16}\})$	68719476736
8	$\mathcal{O}(1; \{2^2, 4^2, 8^{16}\})$	274877906944
8	$\mathcal{O}(1; \{4, 8^{18}\})$	2199023255552
8	$\mathcal{O}(0; \{2^{32}, 4, 8^2\})$	8
8	$\mathcal{O}(0; \{2^{29}, 4^3, 8^2\})$	32
8	$\mathcal{O}(0; \{2^{26}, 4^5, 8^2\})$	128
8	$\mathcal{O}(0; \{2^{23}, 4^7, 8^2\})$	512

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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	$\mathcal{O}(0; \{2^{20}, 4^9, 8^2\})$	2048
8	$\mathcal{O}(0; \{2^{17}, 4^{11}, 8^2\})$	8192
8	$\mathcal{O}(0; \{2^{14}, 4^{13}, 8^2\})$	32768
8	$\mathcal{O}(0; \{2^{11}, 4^{15}, 8^2\})$	131072
8	$\mathcal{O}(0; \{2^8, 4^{17}, 8^2\})$	524288
8	$\mathcal{O}(0; \{2^5, 4^{19}, 8^2\})$	2097152
8	$\mathcal{O}(0; \{2^2, 4^{21}, 8^2\})$	8388608
8	$\mathcal{O}(0; \{2^{30}, 8^4\})$	64
8	$\mathcal{O}(0; \{2^{27}, 4^2, 8^4\})$	256
8	$\mathcal{O}(0; \{2^{24}, 4^4, 8^4\})$	1024
8	$\mathcal{O}(0; \{2^{21}, 4^6, 8^4\})$	4096
8	$\mathcal{O}(0; \{2^{18}, 4^8, 8^4\})$	16384
8	$\mathcal{O}(0; \{2^{15}, 4^{10}, 8^4\})$	65536
8	$\mathcal{O}(0; \{2^{12}, 4^{12}, 8^4\})$	262144
8	$\mathcal{O}(0; \{2^9, 4^{14}, 8^4\})$	1048576
8	$\mathcal{O}(0; \{2^6, 4^{16}, 8^4\})$	4194304
8	$\mathcal{O}(0; \{2^3, 4^{18}, 8^4\})$	16777216
8	$\mathcal{O}(0; \{4^{20}, 8^4\})$	67108864
8	$\mathcal{O}(0; \{2^{25}, 4, 8^6\})$	2048
8	$\mathcal{O}(0; \{2^{22}, 4^3, 8^6\})$	8192
8	$\mathcal{O}(0; \{2^{19}, 4^5, 8^6\})$	32768
8	$\mathcal{O}(0; \{2^{16}, 4^7, 8^6\})$	131072
8	$\mathcal{O}(0; \{2^{13}, 4^9, 8^6\})$	524288
8	$\mathcal{O}(0; \{2^{10}, 4^{11}, 8^6\})$	2097152
8	$\mathcal{O}(0; \{2^7, 4^{13}, 8^6\})$	8388608
8	$\mathcal{O}(0; \{2^4, 4^{15}, 8^6\})$	33554432
8	$\mathcal{O}(0; \{2, 4^{17}, 8^6\})$	134217728
8	$\mathcal{O}(0; \{2^{23}, 8^8\})$	16384
8	$\mathcal{O}(0; \{2^{20}, 4^2, 8^8\})$	65536
8	$\mathcal{O}(0; \{2^{17}, 4^4, 8^8\})$	262144
8	$\mathcal{O}(0; \{2^{14}, 4^6, 8^8\})$	1048576
8	$\mathcal{O}(0; \{2^{11}, 4^8, 8^8\})$	4194304
8	$\mathcal{O}(0; \{2^8, 4^{10}, 8^8\})$	16777216
8	$\mathcal{O}(0; \{2^5, 4^{12}, 8^8\})$	67108864
8	$\mathcal{O}(0; \{2^2, 4^{14}, 8^8\})$	268435456
8	$\mathcal{O}(0; \{2^{18}, 4, 8^{10}\})$	524288
8	$\mathcal{O}(0; \{2^{15}, 4^3, 8^{10}\})$	2097152
8	$\mathcal{O}(0; \{2^{12}, 4^5, 8^{10}\})$	8388608
8	$\mathcal{O}(0; \{2^9, 4^7, 8^{10}\})$	33554432
8	$\mathcal{O}(0; \{2^6, 4^9, 8^{10}\})$	134217728
8	$\mathcal{O}(0; \{2^3, 4^{11}, 8^{10}\})$	536870912
8	$\mathcal{O}(0; \{4^{13}, 8^{10}\})$	2147483648
8	$\mathcal{O}(0; \{2^{16}, 8^{12}\})$	4194304

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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	$\mathcal{O}(0; \{2^{13}, 4^2, 8^{12}\})$	16777216
8	$\mathcal{O}(0; \{2^{10}, 4^4, 8^{12}\})$	67108864
8	$\mathcal{O}(0; \{2^7, 4^6, 8^{12}\})$	268435456
8	$\mathcal{O}(0; \{2^4, 4^8, 8^{12}\})$	1073741824
8	$\mathcal{O}(0; \{2, 4^{10}, 8^{12}\})$	4294967296
8	$\mathcal{O}(0; \{2^{11}, 4, 8^{14}\})$	134217728
8	$\mathcal{O}(0; \{2^8, 4^3, 8^{14}\})$	536870912
8	$\mathcal{O}(0; \{2^5, 4^5, 8^{14}\})$	2147483648
8	$\mathcal{O}(0; \{2^2, 4^7, 8^{14}\})$	8589934592
8	$\mathcal{O}(0; \{2^9, 8^{16}\})$	1073741824
8	$\mathcal{O}(0; \{2^6, 4^2, 8^{16}\})$	4294967296
8	$\mathcal{O}(0; \{2^3, 4^4, 8^{16}\})$	17179869184
8	$\mathcal{O}(0; \{4^6, 8^{16}\})$	68719476736
8	$\mathcal{O}(0; \{2^4, 4, 8^{18}\})$	34359738368
8	$\mathcal{O}(0; \{2, 4^3, 8^{18}\})$	137438953472
8	$\mathcal{O}(0; \{2^2, 8^{20}\})$	274877906944
9	$\mathcal{O}(7; \{3^4\})$	137260726031952
9	$\mathcal{O}(7; \{9^3\})$	411782264189298
9	$\mathcal{O}(6; \{3^7\})$	11862018211680
9	$\mathcal{O}(6; \{3^3, 9^3\})$	40669853253264
9	$\mathcal{O}(5; \{3^{10}\})$	1192460070384
9	$\mathcal{O}(5; \{3^6, 9^3\})$	4016775629952
9	$\mathcal{O}(5; \{3^2, 9^6\})$	74561397630984
9	$\mathcal{O}(4; \{3^{13}\})$	117499636800
9	$\mathcal{O}(4; \{3^9, 9^3\})$	396718580736
9	$\mathcal{O}(4; \{3^5, 9^6\})$	7364088654912
9	$\mathcal{O}(4; \{3, 9^9\})$	96026042403540
9	$\mathcal{O}(3; \{3^{16}\})$	11593934352
9	$\mathcal{O}(3; \{3^{12}, 9^3\})$	39182082048
9	$\mathcal{O}(3; \{3^8, 9^6\})$	727317398016
9	$\mathcal{O}(3; \{3^4, 9^9\})$	9484053570720
9	$\mathcal{O}(3; \{9^{12}\})$	128599582277682
9	$\mathcal{O}(2; \{3^{19}\})$	1132457760
9	$\mathcal{O}(2; \{3^{15}, 9^3\})$	3869835264
9	$\mathcal{O}(2; \{3^{11}, 9^6\})$	71833817088
9	$\mathcal{O}(2; \{3^7, 9^9\})$	936696648960
9	$\mathcal{O}(2; \{3^3, 9^{12}\})$	12701193311376
9	$\mathcal{O}(1; \{3^{22}\})$	100663344
9	$\mathcal{O}(1; \{3^{18}, 9^3\})$	382205952
9	$\mathcal{O}(1; \{3^{14}, 9^6\})$	7094697984
9	$\mathcal{O}(1; \{3^{10}, 9^9\})$	92513249280
9	$\mathcal{O}(1; \{3^6, 9^{12}\})$	1254438845568
9	$\mathcal{O}(1; \{3^2, 9^{15}\})$	16925626323432

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(0; \{3^{21}, 9^3\})$	37748736
9	$\mathcal{O}(0; \{3^{17}, 9^6\})$	700710912
9	$\mathcal{O}(0; \{3^{13}, 9^9\})$	9137111040
9	$\mathcal{O}(0; \{3^9, 9^{12}\})$	123895194624
9	$\mathcal{O}(0; \{3^5, 9^{15}\})$	1671666797376
9	$\mathcal{O}(0; \{3, 9^{18}\})$	22569051446532
10	$\mathcal{O}(6; \{5^4\})$	51987304687500
10	$\mathcal{O}(6; \{2^3, 5, 10\})$	4000000000000
10	$\mathcal{O}(6; \{2, 10^3\})$	12000000000000
10	$\mathcal{O}(5; \{2^4, 5^4\})$	5200000000000
10	$\mathcal{O}(5; \{2^7, 5, 10\})$	4000000000000
10	$\mathcal{O}(5; \{2^2, 5^3, 10^2\})$	20400000000000
10	$\mathcal{O}(5; \{2^5, 10^3\})$	12000000000000
10	$\mathcal{O}(5; \{5^2, 10^4\})$	82000000000000
10	$\mathcal{O}(4; \{2^8, 5^4\})$	52000000000
10	$\mathcal{O}(4; \{5^9\})$	5222320312500
10	$\mathcal{O}(4; \{2^{11}, 5, 10\})$	4000000000
10	$\mathcal{O}(4; \{2^3, 5^6, 10\})$	3276000000000
10	$\mathcal{O}(4; \{2^6, 5^3, 10^2\})$	2040000000000
10	$\mathcal{O}(4; \{2^9, 10^3\})$	12000000000
10	$\mathcal{O}(4; \{2, 5^5, 10^3\})$	13108000000000
10	$\mathcal{O}(4; \{2^4, 5^2, 10^4\})$	8200000000000
10	$\mathcal{O}(4; \{2^2, 5, 10^6\})$	3276000000000
10	$\mathcal{O}(4; \{10^8\})$	13108000000000
10	$\mathcal{O}(3; \{2^{12}, 5^4\})$	520000000
10	$\mathcal{O}(3; \{2^4, 5^9\})$	524280000000
10	$\mathcal{O}(3; \{2^{15}, 5, 10\})$	40000000
10	$\mathcal{O}(3; \{2^7, 5^6, 10\})$	32760000000
10	$\mathcal{O}(3; \{2^{10}, 5^3, 10^2\})$	2040000000
10	$\mathcal{O}(3; \{2^2, 5^8, 10^2\})$	2097160000000
10	$\mathcal{O}(3; \{2^{13}, 10^3\})$	120000000
10	$\mathcal{O}(3; \{2^5, 5^5, 10^3\})$	1310800000000
10	$\mathcal{O}(3; \{2^8, 5^2, 10^4\})$	8200000000
10	$\mathcal{O}(3; \{5^7, 10^4\})$	8388600000000
10	$\mathcal{O}(3; \{2^3, 5^4, 10^5\})$	524280000000
10	$\mathcal{O}(3; \{2^6, 5, 10^6\})$	32760000000
10	$\mathcal{O}(3; \{2, 5^3, 10^7\})$	2097160000000
10	$\mathcal{O}(3; \{2^4, 10^8\})$	1310800000000
10	$\mathcal{O}(2; \{2^{16}, 5^4\})$	5200000
10	$\mathcal{O}(2; \{2^8, 5^9\})$	5242800000
10	$\mathcal{O}(2; \{5^{14}\})$	503316487500
10	$\mathcal{O}(2; \{2^{19}, 5, 10\})$	40000
10	$\mathcal{O}(2; \{2^{11}, 5^6, 10\})$	327600000

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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	$\mathcal{O}(2; \{2^3, 5^{11}, 10\})$	33554440000
10	$\mathcal{O}(2; \{2^{14}, 5^3, 10^2\})$	2040000
10	$\mathcal{O}(2; \{2^6, 5^8, 10^2\})$	2097160000
10	$\mathcal{O}(2; \{2^{17}, 10^3\})$	120000
10	$\mathcal{O}(2; \{2^9, 5^5, 10^3\})$	131080000
10	$\mathcal{O}(2; \{2, 5^{10}, 10^3\})$	134217720000
10	$\mathcal{O}(2; \{2^{12}, 5^2, 10^4\})$	8200000
10	$\mathcal{O}(2; \{2^4, 5^7, 10^4\})$	8388600000
10	$\mathcal{O}(2; \{2^7, 5^4, 10^5\})$	524280000
10	$\mathcal{O}(2; \{2^{10}, 5, 10^6\})$	32760000
10	$\mathcal{O}(2; \{2^2, 5^6, 10^6\})$	33554440000
10	$\mathcal{O}(2; \{2^5, 5^3, 10^7\})$	2097160000
10	$\mathcal{O}(2; \{2^8, 10^8\})$	131080000
10	$\mathcal{O}(2; \{5^5, 10^8\})$	134217720000
10	$\mathcal{O}(2; \{2^3, 5^2, 10^9\})$	8388600000
10	$\mathcal{O}(2; \{2, 5, 10^{11}\})$	33554440000
10	$\mathcal{O}(1; \{2^{20}, 5^4\})$	5200
10	$\mathcal{O}(1; \{2^{12}, 5^9\})$	5242800
10	$\mathcal{O}(1; \{2^4, 5^{14}\})$	5368709200
10	$\mathcal{O}(1; \{2^{23}, 5, 10\})$	400
10	$\mathcal{O}(1; \{2^{15}, 5^6, 10\})$	327600
10	$\mathcal{O}(1; \{2^7, 5^{11}, 10\})$	335544400
10	$\mathcal{O}(1; \{2^{18}, 5^3, 10^2\})$	204000
10	$\mathcal{O}(1; \{2^{10}, 5^8, 10^2\})$	20971600
10	$\mathcal{O}(1; \{2^2, 5^{13}, 10^2\})$	21474836400
10	$\mathcal{O}(1; \{2^{21}, 10^3\})$	1200
10	$\mathcal{O}(1; \{2^{13}, 5^5, 10^3\})$	1310800
10	$\mathcal{O}(1; \{2^5, 5^{10}, 10^3\})$	1342177200
10	$\mathcal{O}(1; \{2^{16}, 5^2, 10^4\})$	820000
10	$\mathcal{O}(1; \{2^8, 5^7, 10^4\})$	83886000
10	$\mathcal{O}(1; \{5^{12}, 10^4\})$	85899346000
10	$\mathcal{O}(1; \{2^{11}, 5^4, 10^5\})$	5242800
10	$\mathcal{O}(1; \{2^3, 5^9, 10^5\})$	5368709200
10	$\mathcal{O}(1; \{2^{14}, 5, 10^6\})$	327600
10	$\mathcal{O}(1; \{2^6, 5^6, 10^6\})$	335544400
10	$\mathcal{O}(1; \{2^9, 5^3, 10^7\})$	20971600
10	$\mathcal{O}(1; \{2, 5^8, 10^7\})$	21474836400
10	$\mathcal{O}(1; \{2^{12}, 10^8\})$	1310800
10	$\mathcal{O}(1; \{2^4, 5^5, 10^8\})$	1342177200
10	$\mathcal{O}(1; \{2^7, 5^2, 10^9\})$	83886000
10	$\mathcal{O}(1; \{2^2, 5^4, 10^{10}\})$	5368709200
10	$\mathcal{O}(1; \{2^5, 5, 10^{11}\})$	335544400
10	$\mathcal{O}(1; \{5^3, 10^{12}\})$	21474836400

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{2^3, 10^{13}\})$	1342177200
10	$\mathcal{O}(0; \{2^{24}, 5^4\})$	52
10	$\mathcal{O}(0; \{2^{16}, 5^9\})$	52428
10	$\mathcal{O}(0; \{2^8, 5^{14}\})$	53687092
10	$\mathcal{O}(0; \{2^{27}, 5, 10\})$	4
10	$\mathcal{O}(0; \{2^{19}, 5^6, 10\})$	3276
10	$\mathcal{O}(0; \{2^{11}, 5^{11}, 10\})$	3355444
10	$\mathcal{O}(0; \{2^3, 5^{16}, 10\})$	3435973836
10	$\mathcal{O}(0; \{2^{22}, 5^3, 10^2\})$	204
10	$\mathcal{O}(0; \{2^{14}, 5^8, 10^2\})$	209716
10	$\mathcal{O}(0; \{2^6, 5^{13}, 10^2\})$	214748364
10	$\mathcal{O}(0; \{2^{25}, 10^3\})$	12
10	$\mathcal{O}(0; \{2^{17}, 5^5, 10^3\})$	13108
10	$\mathcal{O}(0; \{2^9, 5^{10}, 10^3\})$	13421772
10	$\mathcal{O}(0; \{2, 5^{15}, 10^3\})$	13743895348
10	$\mathcal{O}(0; \{2^{20}, 5^2, 10^4\})$	820
10	$\mathcal{O}(0; \{2^{12}, 5^7, 10^4\})$	838860
10	$\mathcal{O}(0; \{2^4, 5^{12}, 10^4\})$	858993460
10	$\mathcal{O}(0; \{2^{15}, 5^4, 10^5\})$	52428
10	$\mathcal{O}(0; \{2^7, 5^9, 10^5\})$	53687092
10	$\mathcal{O}(0; \{2^{18}, 5, 10^6\})$	3276
10	$\mathcal{O}(0; \{2^{10}, 5^6, 10^6\})$	3355444
10	$\mathcal{O}(0; \{2^2, 5^{11}, 10^6\})$	3435973836
10	$\mathcal{O}(0; \{2^{13}, 5^3, 10^7\})$	209716
10	$\mathcal{O}(0; \{2^5, 5^8, 10^7\})$	214748364
10	$\mathcal{O}(0; \{2^{16}, 10^8\})$	13108
10	$\mathcal{O}(0; \{2^8, 5^5, 10^8\})$	13421772
10	$\mathcal{O}(0; \{5^{10}, 10^8\})$	13743895348
10	$\mathcal{O}(0; \{2^{11}, 5^2, 10^9\})$	838860
10	$\mathcal{O}(0; \{2^3, 5^7, 10^9\})$	858993460
10	$\mathcal{O}(0; \{2^6, 5^4, 10^{10}\})$	53687092
10	$\mathcal{O}(0; \{2^9, 5, 10^{11}\})$	3355444
10	$\mathcal{O}(0; \{2, 5^6, 10^{11}\})$	3435973836
10	$\mathcal{O}(0; \{2^4, 5^3, 10^{12}\})$	214748364
10	$\mathcal{O}(0; \{2^7, 10^{13}\})$	13421772
10	$\mathcal{O}(0; \{2^2, 5^2, 10^{14}\})$	858993460
10	$\mathcal{O}(0; \{5, 10^{16}\})$	3435973836
11	$\mathcal{O}(7; \emptyset)$	379749833583240
11	$\mathcal{O}(2; \{11^{11}\})$	133099999986690
12	$\mathcal{O}(6; \{2^2\})$	8913906892800
12	$\mathcal{O}(5; \{2^6\})$	61855850496
12	$\mathcal{O}(5; \{2^2, 3^3\})$	123713796096
12	$\mathcal{O}(5; \{2^3, 4^2\})$	123832631296

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{4^4\})$	495330525184
12	$\mathcal{O}(5; \{2^3, 3, 6\})$	123713796096
12	$\mathcal{O}(5; \{3, 4^2, 6\})$	247669456896
12	$\mathcal{O}(5; \{3^2, 6^2\})$	371141388288
12	$\mathcal{O}(5; \{2, 6^3\})$	123713796096
12	$\mathcal{O}(5; \{3^2, 4, 12\})$	247669456896
12	$\mathcal{O}(5; \{2, 4, 6, 12\})$	247669456896
12	$\mathcal{O}(5; \{2, 3, 12^2\})$	247669456896
12	$\mathcal{O}(4; \{2^{10}\})$	428236800
12	$\mathcal{O}(4; \{2^6, 3^3\})$	856604160
12	$\mathcal{O}(4; \{2^2, 3^6\})$	9422645760
12	$\mathcal{O}(4; \{2^7, 4^2\})$	859832320
12	$\mathcal{O}(4; \{2^3, 3^3, 4^2\})$	1719926784
12	$\mathcal{O}(4; \{2^4, 4^4\})$	3439329280
12	$\mathcal{O}(4; \{3^3, 4^4\})$	6879707136
12	$\mathcal{O}(4; \{2, 4^6\})$	13757317120
12	$\mathcal{O}(4; \{2^7, 3, 6\})$	856604160
12	$\mathcal{O}(4; \{2^3, 3^4, 6\})$	4283020800
12	$\mathcal{O}(4; \{2^4, 3, 4^2, 6\})$	1719926784
12	$\mathcal{O}(4; \{3^4, 4^2, 6\})$	8599633920
12	$\mathcal{O}(4; \{2, 3, 4^4, 6\})$	6879707136
12	$\mathcal{O}(4; \{2^4, 3^2, 6^2\})$	2569812480
12	$\mathcal{O}(4; \{3^5, 6^2\})$	17988687360
12	$\mathcal{O}(4; \{2, 3^2, 4^2, 6^2\})$	5159780352
12	$\mathcal{O}(4; \{2^5, 6^3\})$	856604160
12	$\mathcal{O}(4; \{2, 3^3, 6^3\})$	9422645760
12	$\mathcal{O}(4; \{2^2, 4^2, 6^3\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3, 6^4\})$	4283020800
12	$\mathcal{O}(4; \{6^6\})$	9422645760
12	$\mathcal{O}(4; \{2^4, 3^2, 4, 12\})$	1719926784
12	$\mathcal{O}(4; \{3^5, 4, 12\})$	18919194624
12	$\mathcal{O}(4; \{2, 3^2, 4^3, 12\})$	6879707136
12	$\mathcal{O}(4; \{2^5, 4, 6, 12\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^3, 4, 6, 12\})$	8599633920
12	$\mathcal{O}(4; \{2^2, 4^3, 6, 12\})$	6879707136
12	$\mathcal{O}(4; \{2^2, 3, 4, 6^2, 12\})$	5159780352
12	$\mathcal{O}(4; \{4, 6^4, 12\})$	8599633920
12	$\mathcal{O}(4; \{2^5, 3, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^4, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2^2, 3, 4^2, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{2^2, 3^2, 6, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{2^3, 6^2, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{4^2, 6^2, 12^2\})$	20639121408

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{3, 6^3, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2^3, 4, 12^3\})$	6879707136
12	$\mathcal{O}(4; \{4^3, 12^3\})$	27518828544
12	$\mathcal{O}(4; \{3, 4, 6, 12^3\})$	34398535680
12	$\mathcal{O}(4; \{3^2, 12^4\})$	75676778496
12	$\mathcal{O}(4; \{2, 6, 12^4\})$	34398535680
12	$\mathcal{O}(3; \{2^{14}\})$	2935296
12	$\mathcal{O}(3; \{2^{10}, 3^3\})$	5878656
12	$\mathcal{O}(3; \{2^6, 3^6\})$	64665216
12	$\mathcal{O}(3; \{2^2, 3^9\})$	499685760
12	$\mathcal{O}(3; \{2^{11}, 4^2\})$	5963776
12	$\mathcal{O}(3; \{2^7, 3^3, 4^2\})$	11943936
12	$\mathcal{O}(3; \{2^3, 3^6, 4^2\})$	131383296
12	$\mathcal{O}(3; \{2^8, 4^4\})$	23855104
12	$\mathcal{O}(3; \{2^4, 3^3, 4^4\})$	47775744
12	$\mathcal{O}(3; \{3^6, 4^4\})$	525533184
12	$\mathcal{O}(3; \{2^5, 4^6\})$	95420416
12	$\mathcal{O}(3; \{2, 3^3, 4^6\})$	191102976
12	$\mathcal{O}(3; \{2^2, 4^8\})$	381681664
12	$\mathcal{O}(3; \{2^{11}, 3, 6\})$	5878656
12	$\mathcal{O}(3; \{2^7, 3^4, 6\})$	29393280
12	$\mathcal{O}(3; \{2^3, 3^7, 6\})$	252782208
12	$\mathcal{O}(3; \{2^8, 3, 4^2, 6\})$	11943936
12	$\mathcal{O}(3; \{2^4, 3^4, 4^2, 6\})$	59719680
12	$\mathcal{O}(3; \{3^7, 4^2, 6\})$	513589248
12	$\mathcal{O}(3; \{2^5, 3, 4^4, 6\})$	47775744
12	$\mathcal{O}(3; \{2, 3^4, 4^4, 6\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3, 4^6, 6\})$	191102976
12	$\mathcal{O}(3; \{2^8, 3^2, 6^2\})$	17635968
12	$\mathcal{O}(3; \{2^4, 3^5, 6^2\})$	123451776
12	$\mathcal{O}(3; \{3^8, 6^2\})$	1005250176
12	$\mathcal{O}(3; \{2^5, 3^2, 4^2, 6^2\})$	35831808
12	$\mathcal{O}(3; \{2, 3^5, 4^2, 6^2\})$	250822656
12	$\mathcal{O}(3; \{2^2, 3^2, 4^4, 6^2\})$	143327232
12	$\mathcal{O}(3; \{2^9, 6^3\})$	5878656
12	$\mathcal{O}(3; \{2^5, 3^3, 6^3\})$	64665216
12	$\mathcal{O}(3; \{2, 3^6, 6^3\})$	499685760
12	$\mathcal{O}(3; \{2^6, 4^2, 6^3\})$	11943936
12	$\mathcal{O}(3; \{2^2, 3^3, 4^2, 6^3\})$	131383296
12	$\mathcal{O}(3; \{2^3, 4^4, 6^3\})$	47775744
12	$\mathcal{O}(3; \{4^6, 6^3\})$	191102976
12	$\mathcal{O}(3; \{2^6, 3, 6^4\})$	29393280
12	$\mathcal{O}(3; \{2^2, 3^4, 6^4\})$	252782208

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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	$\mathcal{O}(3; \{2^3, 3, 4^2, 6^4\})$	59719680
12	$\mathcal{O}(3; \{3, 4^4, 6^4\})$	238878720
12	$\mathcal{O}(3; \{2^3, 3^2, 6^5\})$	123451776
12	$\mathcal{O}(3; \{3^2, 4^2, 6^5\})$	250822656
12	$\mathcal{O}(3; \{2^4, 6^6\})$	64665216
12	$\mathcal{O}(3; \{3^3, 6^6\})$	499685760
12	$\mathcal{O}(3; \{2, 4^2, 6^6\})$	131383296
12	$\mathcal{O}(3; \{2, 3, 6^7\})$	252782208
12	$\mathcal{O}(3; \{2^8, 3^2, 4, 12\})$	11943936
12	$\mathcal{O}(3; \{2^4, 3^5, 4, 12\})$	131383296
12	$\mathcal{O}(3; \{3^8, 4, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^5, 3^2, 4^3, 12\})$	47775744
12	$\mathcal{O}(3; \{2, 3^5, 4^3, 12\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3^2, 4^5, 12\})$	191102976
12	$\mathcal{O}(3; \{2^9, 4, 6, 12\})$	11943936
12	$\mathcal{O}(3; \{2^5, 3^3, 4, 6, 12\})$	59719680
12	$\mathcal{O}(3; \{2, 3^6, 4, 6, 12\})$	513589248
12	$\mathcal{O}(3; \{2^6, 4^3, 6, 12\})$	47775744
12	$\mathcal{O}(3; \{2^2, 3^3, 4^3, 6, 12\})$	238878720
12	$\mathcal{O}(3; \{2^3, 4^5, 6, 12\})$	191102976
12	$\mathcal{O}(3; \{4^7, 6, 12\})$	764411904
12	$\mathcal{O}(3; \{2^6, 3, 4, 6^2, 12\})$	35831808
12	$\mathcal{O}(3; \{2^2, 3^4, 4, 6^2, 12\})$	250822656
12	$\mathcal{O}(3; \{2^3, 3, 4^3, 6^2, 12\})$	143327232
12	$\mathcal{O}(3; \{3, 4^5, 6^2, 12\})$	573308928
12	$\mathcal{O}(3; \{2^3, 3^2, 4, 6^3, 12\})$	131383296
12	$\mathcal{O}(3; \{3^2, 4^3, 6^3, 12\})$	525533184
12	$\mathcal{O}(3; \{2^4, 4, 6^4, 12\})$	59719680
12	$\mathcal{O}(3; \{3^3, 4, 6^4, 12\})$	513589248
12	$\mathcal{O}(3; \{2, 4^3, 6^4, 12\})$	238878720
12	$\mathcal{O}(3; \{2, 3, 4, 6^5, 12\})$	250822656
12	$\mathcal{O}(3; \{2^9, 3, 12^2\})$	11943936
12	$\mathcal{O}(3; \{2^5, 3^4, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2, 3^7, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^6, 3, 4^2, 12^2\})$	47775744
12	$\mathcal{O}(3; \{2^2, 3^4, 4^2, 12^2\})$	525533184
12	$\mathcal{O}(3; \{2^3, 3, 4^4, 12^2\})$	191102976
12	$\mathcal{O}(3; \{3, 4^6, 12^2\})$	764411904
12	$\mathcal{O}(3; \{2^6, 3^2, 6, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^2, 3^5, 6, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^3, 3^2, 4^2, 6, 12^2\})$	238878720
12	$\mathcal{O}(3; \{3^2, 4^4, 6, 12^2\})$	955514880
12	$\mathcal{O}(3; \{2^7, 6^2, 12^2\})$	35831808

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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	$\mathcal{O}(3; \{2^3, 3^3, 6^2, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2^4, 4^2, 6^2, 12^2\})$	143327232
12	$\mathcal{O}(3; \{3^3, 4^2, 6^2, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2, 4^4, 6^2, 12^2\})$	573308928
12	$\mathcal{O}(3; \{2^4, 3, 6^3, 12^2\})$	131383296
12	$\mathcal{O}(3; \{3^4, 6^3, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2, 3, 4^2, 6^3, 12^2\})$	525533184
12	$\mathcal{O}(3; \{2, 3^2, 6^4, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^2, 6^5, 12^2\})$	250822656
12	$\mathcal{O}(3; \{2^7, 4, 12^3\})$	47775744
12	$\mathcal{O}(3; \{2^3, 3^3, 4, 12^3\})$	525533184
12	$\mathcal{O}(3; \{2^4, 4^3, 12^3\})$	191102976
12	$\mathcal{O}(3; \{3^3, 4^3, 12^3\})$	2102132736
12	$\mathcal{O}(3; \{2, 4^5, 12^3\})$	764411904
12	$\mathcal{O}(3; \{2^4, 3, 4, 6, 12^3\})$	238878720
12	$\mathcal{O}(3; \{3^4, 4, 6, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2, 3, 4^3, 6, 12^3\})$	955514880
12	$\mathcal{O}(3; \{2, 3^2, 4, 6^2, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 4, 6^3, 12^3\})$	525533184
12	$\mathcal{O}(3; \{2^4, 3^2, 12^4\})$	525533184
12	$\mathcal{O}(3; \{3^5, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2, 3^2, 4^2, 12^4\})$	2102132736
12	$\mathcal{O}(3; \{2^5, 6, 12^4\})$	238878720
12	$\mathcal{O}(3; \{2, 3^3, 6, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2^2, 4^2, 6, 12^4\})$	955514880
12	$\mathcal{O}(3; \{2^2, 3, 6^2, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{6^4, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2^2, 3, 4, 12^5\})$	2102132736
12	$\mathcal{O}(3; \{4, 6^2, 12^5\})$	4013162496
12	$\mathcal{O}(3; \{2^3, 12^6\})$	2102132736
12	$\mathcal{O}(3; \{4^2, 12^6\})$	8408530944
12	$\mathcal{O}(3; \{3, 6, 12^6\})$	8217427968
12	$\mathcal{O}(2; \{2^{18}\})$	19200
12	$\mathcal{O}(2; \{2^{14}, 3^3\})$	38880
12	$\mathcal{O}(2; \{2^{10}, 3^6\})$	427680
12	$\mathcal{O}(2; \{2^6, 3^9\})$	3304800
12	$\mathcal{O}(2; \{2^2, 3^{12}\})$	26555040
12	$\mathcal{O}(2; \{2^{15}, 4^2\})$	40960
12	$\mathcal{O}(2; \{2^{11}, 3^3, 4^2\})$	82944
12	$\mathcal{O}(2; \{2^7, 3^6, 4^2\})$	912384
12	$\mathcal{O}(2; \{2^3, 3^9, 4^2\})$	7050240
12	$\mathcal{O}(2; \{2^{12}, 4^4\})$	163840
12	$\mathcal{O}(2; \{2^8, 3^3, 4^4\})$	331776

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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	$\mathcal{O}(2; \{2^4, 3^6, 4^4\})$	3649536
12	$\mathcal{O}(2; \{3^9, 4^4\})$	28200960
12	$\mathcal{O}(2; \{2^9, 4^6\})$	655360
12	$\mathcal{O}(2; \{2^5, 3^3, 4^6\})$	1327104
12	$\mathcal{O}(2; \{2, 3^6, 4^6\})$	14598144
12	$\mathcal{O}(2; \{2^6, 4^8\})$	2621440
12	$\mathcal{O}(2; \{2^2, 3^3, 4^8\})$	5308416
12	$\mathcal{O}(2; \{2^3, 4^{10}\})$	10485760
12	$\mathcal{O}(2; \{4^{12}\})$	41943040
12	$\mathcal{O}(2; \{2^{15}, 3, 6\})$	38880
12	$\mathcal{O}(2; \{2^{11}, 3^4, 6\})$	194400
12	$\mathcal{O}(2; \{2^7, 3^7, 6\})$	1671840
12	$\mathcal{O}(2; \{2^3, 3^{10}, 6\})$	13258080
12	$\mathcal{O}(2; \{2^{12}, 3, 4^2, 6\})$	82944
12	$\mathcal{O}(2; \{2^8, 3^4, 4^2, 6\})$	414720
12	$\mathcal{O}(2; \{2^4, 3^7, 4^2, 6\})$	3566592
12	$\mathcal{O}(2; \{3^{10}, 4^2, 6\})$	28283904
12	$\mathcal{O}(2; \{2^9, 3, 4^4, 6\})$	331776
12	$\mathcal{O}(2; \{2^5, 3^4, 4^4, 6\})$	1658880
12	$\mathcal{O}(2; \{2, 3^7, 4^4, 6\})$	14266368
12	$\mathcal{O}(2; \{2^6, 3, 4^6, 6\})$	1327104
12	$\mathcal{O}(2; \{2^2, 3^4, 4^6, 6\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3, 4^8, 6\})$	5308416
12	$\mathcal{O}(2; \{3, 4^{10}, 6\})$	21233664
12	$\mathcal{O}(2; \{2^{12}, 3^2, 6^2\})$	116640
12	$\mathcal{O}(2; \{2^8, 3^5, 6^2\})$	816480
12	$\mathcal{O}(2; \{2^4, 3^8, 6^2\})$	6648480
12	$\mathcal{O}(2; \{3^{11}, 6^2\})$	53071200
12	$\mathcal{O}(2; \{2^9, 3^2, 4^2, 6^2\})$	248832
12	$\mathcal{O}(2; \{2^5, 3^5, 4^2, 6^2\})$	1741824
12	$\mathcal{O}(2; \{2, 3^8, 4^2, 6^2\})$	14183424
12	$\mathcal{O}(2; \{2^6, 3^2, 4^4, 6^2\})$	995328
12	$\mathcal{O}(2; \{2^2, 3^5, 4^4, 6^2\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^2, 4^6, 6^2\})$	3981312
12	$\mathcal{O}(2; \{3^2, 4^8, 6^2\})$	15925248
12	$\mathcal{O}(2; \{2^{13}, 6^3\})$	38880
12	$\mathcal{O}(2; \{2^9, 3^3, 6^3\})$	427680
12	$\mathcal{O}(2; \{2^5, 3^6, 6^3\})$	3304800
12	$\mathcal{O}(2; \{2, 3^9, 6^3\})$	26555040
12	$\mathcal{O}(2; \{2^{10}, 4^2, 6^3\})$	82944
12	$\mathcal{O}(2; \{2^6, 3^3, 4^2, 6^3\})$	912384
12	$\mathcal{O}(2; \{2^2, 3^6, 4^2, 6^3\})$	7050240
12	$\mathcal{O}(2; \{2^7, 4^4, 6^3\})$	331776

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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	$\mathcal{O}(2; \{2^3, 3^3, 4^4, 6^3\})$	3649536
12	$\mathcal{O}(2; \{2^4, 4^6, 6^3\})$	1327104
12	$\mathcal{O}(2; \{3^3, 4^6, 6^3\})$	14598144
12	$\mathcal{O}(2; \{2, 4^8, 6^3\})$	5308416
12	$\mathcal{O}(2; \{2^{10}, 3, 6^4\})$	194400
12	$\mathcal{O}(2; \{2^6, 3^4, 6^4\})$	1671840
12	$\mathcal{O}(2; \{2^2, 3^7, 6^4\})$	13258080
12	$\mathcal{O}(2; \{2^7, 3, 4^2, 6^4\})$	414720
12	$\mathcal{O}(2; \{2^3, 3^4, 4^2, 6^4\})$	3566592
12	$\mathcal{O}(2; \{2^4, 3, 4^4, 6^4\})$	1658880
12	$\mathcal{O}(2; \{3^4, 4^4, 6^4\})$	14266368
12	$\mathcal{O}(2; \{2, 3, 4^6, 6^4\})$	6635520
12	$\mathcal{O}(2; \{2^7, 3^2, 6^5\})$	816480
12	$\mathcal{O}(2; \{2^3, 3^5, 6^5\})$	6648480
12	$\mathcal{O}(2; \{2^4, 3^2, 4^2, 6^5\})$	1741824
12	$\mathcal{O}(2; \{3^5, 4^2, 6^5\})$	14183424
12	$\mathcal{O}(2; \{2, 3^2, 4^4, 6^5\})$	6967296
12	$\mathcal{O}(2; \{2^8, 6^6\})$	427680
12	$\mathcal{O}(2; \{2^4, 3^3, 6^6\})$	3304800
12	$\mathcal{O}(2; \{3^6, 6^6\})$	26555040
12	$\mathcal{O}(2; \{2^5, 4^2, 6^6\})$	912384
12	$\mathcal{O}(2; \{2, 3^3, 4^2, 6^6\})$	7050240
12	$\mathcal{O}(2; \{2^2, 4^4, 6^6\})$	3649536
12	$\mathcal{O}(2; \{2^5, 3, 6^7\})$	1671840
12	$\mathcal{O}(2; \{2, 3^4, 6^7\})$	13258080
12	$\mathcal{O}(2; \{2^2, 3, 4^2, 6^7\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^2, 6^8\})$	6648480
12	$\mathcal{O}(2; \{2^3, 6^9\})$	3304800
12	$\mathcal{O}(2; \{4^2, 6^9\})$	7050240
12	$\mathcal{O}(2; \{3, 6^{10}\})$	13258080
12	$\mathcal{O}(2; \{2^{12}, 3^2, 4, 12\})$	82944
12	$\mathcal{O}(2; \{2^8, 3^5, 4, 12\})$	912384
12	$\mathcal{O}(2; \{2^4, 3^8, 4, 12\})$	7050240
12	$\mathcal{O}(2; \{3^{11}, 4, 12\})$	56650752
12	$\mathcal{O}(2; \{2^9, 3^2, 4^3, 12\})$	331776
12	$\mathcal{O}(2; \{2^5, 3^5, 4^3, 12\})$	3649536
12	$\mathcal{O}(2; \{2, 3^8, 4^3, 12\})$	28200960
12	$\mathcal{O}(2; \{2^6, 3^2, 4^5, 12\})$	1327104
12	$\mathcal{O}(2; \{2^2, 3^5, 4^5, 12\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3^2, 4^7, 12\})$	5308416
12	$\mathcal{O}(2; \{3^2, 4^9, 12\})$	21233664
12	$\mathcal{O}(2; \{2^{13}, 4, 6, 12\})$	82944
12	$\mathcal{O}(2; \{2^9, 3^3, 4, 6, 12\})$	414720

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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	$\mathcal{O}(2; \{2^5, 3^6, 4, 6, 12\})$	3566592
12	$\mathcal{O}(2; \{2, 3^9, 4, 6, 12\})$	28283904
12	$\mathcal{O}(2; \{2^{10}, 4^3, 6, 12\})$	331776
12	$\mathcal{O}(2; \{2^6, 3^3, 4^3, 6, 12\})$	1658880
12	$\mathcal{O}(2; \{2^2, 3^6, 4^3, 6, 12\})$	14266368
12	$\mathcal{O}(2; \{2^7, 4^5, 6, 12\})$	1327104
12	$\mathcal{O}(2; \{2^3, 3^3, 4^5, 6, 12\})$	6635520
12	$\mathcal{O}(2; \{2^4, 4^7, 6, 12\})$	5308416
12	$\mathcal{O}(2; \{3^3, 4^7, 6, 12\})$	26542080
12	$\mathcal{O}(2; \{2, 4^9, 6, 12\})$	21233664
12	$\mathcal{O}(2; \{2^{10}, 3, 4, 6^2, 12\})$	248832
12	$\mathcal{O}(2; \{2^6, 3^4, 4, 6^2, 12\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^7, 4, 6^2, 12\})$	14183424
12	$\mathcal{O}(2; \{2^7, 3, 4^3, 6^2, 12\})$	995328
12	$\mathcal{O}(2; \{2^3, 3^4, 4^3, 6^2, 12\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3, 4^5, 6^2, 12\})$	3981312
12	$\mathcal{O}(2; \{3^4, 4^5, 6^2, 12\})$	27869184
12	$\mathcal{O}(2; \{2, 3, 4^7, 6^2, 12\})$	15925248
12	$\mathcal{O}(2; \{2^7, 3^2, 4, 6^3, 12\})$	912384
12	$\mathcal{O}(2; \{2^3, 3^5, 4, 6^3, 12\})$	7050240
12	$\mathcal{O}(2; \{2^4, 3^2, 4^3, 6^3, 12\})$	3649536
12	$\mathcal{O}(2; \{3^5, 4^3, 6^3, 12\})$	28200960
12	$\mathcal{O}(2; \{2, 3^2, 4^5, 6^3, 12\})$	14598144
12	$\mathcal{O}(2; \{2^8, 4, 6^4, 12\})$	414720
12	$\mathcal{O}(2; \{2^4, 3^3, 4, 6^4, 12\})$	3566592
12	$\mathcal{O}(2; \{3^6, 4, 6^4, 12\})$	28283904
12	$\mathcal{O}(2; \{2^5, 4^3, 6^4, 12\})$	1658880
12	$\mathcal{O}(2; \{2, 3^3, 4^3, 6^4, 12\})$	14266368
12	$\mathcal{O}(2; \{2^2, 4^5, 6^4, 12\})$	6635520
12	$\mathcal{O}(2; \{2^5, 3, 4, 6^5, 12\})$	1741824
12	$\mathcal{O}(2; \{2, 3^4, 4, 6^5, 12\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3, 4^3, 6^5, 12\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^2, 4, 6^6, 12\})$	7050240
12	$\mathcal{O}(2; \{2^3, 4, 6^7, 12\})$	3566592
12	$\mathcal{O}(2; \{4^3, 6^7, 12\})$	14266368
12	$\mathcal{O}(2; \{3, 4, 6^8, 12\})$	14183424
12	$\mathcal{O}(2; \{2^{13}, 3, 12^2\})$	82944
12	$\mathcal{O}(2; \{2^9, 3^4, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^7, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2, 3^{10}, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^{10}, 3, 4^2, 12^2\})$	331776
12	$\mathcal{O}(2; \{2^6, 3^4, 4^2, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^7, 4^2, 12^2\})$	28200960

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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	$\mathcal{O}(2; \{2^7, 3, 4^4, 12^2\})$	1327104
12	$\mathcal{O}(2; \{2^3, 3^4, 4^4, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2^4, 3, 4^6, 12^2\})$	5308416
12	$\mathcal{O}(2; \{3^4, 4^6, 12^2\})$	58392576
12	$\mathcal{O}(2; \{2, 3, 4^8, 12^2\})$	21233664
12	$\mathcal{O}(2; \{2^{10}, 3^2, 6, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^6, 3^5, 6, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^8, 6, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^7, 3^2, 4^2, 6, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^3, 3^5, 4^2, 6, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^4, 3^2, 4^4, 6, 12^2\})$	6635520
12	$\mathcal{O}(2; \{3^5, 4^4, 6, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2, 3^2, 4^6, 6, 12^2\})$	26542080
12	$\mathcal{O}(2; \{2^{11}, 6^2, 12^2\})$	248832
12	$\mathcal{O}(2; \{2^7, 3^3, 6^2, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^6, 6^2, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^8, 4^2, 6^2, 12^2\})$	995328
12	$\mathcal{O}(2; \{2^4, 3^3, 4^2, 6^2, 12^2\})$	6967296
12	$\mathcal{O}(2; \{3^6, 4^2, 6^2, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^5, 4^4, 6^2, 12^2\})$	3981312
12	$\mathcal{O}(2; \{2, 3^3, 4^4, 6^2, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2^2, 4^6, 6^2, 12^2\})$	15925248
12	$\mathcal{O}(2; \{2^8, 3, 6^3, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^4, 3^4, 6^3, 12^2\})$	7050240
12	$\mathcal{O}(2; \{3^7, 6^3, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^5, 3, 4^2, 6^3, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2, 3^4, 4^2, 6^3, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3, 4^4, 6^3, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2^5, 3^2, 6^4, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2, 3^5, 6^4, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^2, 3^2, 4^2, 6^4, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^6, 6^5, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^3, 6^5, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^3, 4^2, 6^5, 12^2\})$	6967296
12	$\mathcal{O}(2; \{4^4, 6^5, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3, 6^6, 12^2\})$	7050240
12	$\mathcal{O}(2; \{3, 4^2, 6^6, 12^2\})$	28200960
12	$\mathcal{O}(2; \{3^2, 6^7, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2, 6^8, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^{11}, 4, 12^3\})$	331776
12	$\mathcal{O}(2; \{2^7, 3^3, 4, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^6, 4, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2^8, 4^3, 12^3\})$	1327104

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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	$\mathcal{O}(2; \{2^4, 3^3, 4^3, 12^3\})$	14598144
12	$\mathcal{O}(2; \{3^6, 4^3, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^5, 4^5, 12^3\})$	5308416
12	$\mathcal{O}(2; \{2, 3^3, 4^5, 12^3\})$	58392576
12	$\mathcal{O}(2; \{2^2, 4^7, 12^3\})$	21233664
12	$\mathcal{O}(2; \{2^8, 3, 4, 6, 12^3\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3^4, 4, 6, 12^3\})$	14266368
12	$\mathcal{O}(2; \{3^7, 4, 6, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^5, 3, 4^3, 6, 12^3\})$	6635520
12	$\mathcal{O}(2; \{2, 3^4, 4^3, 6, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3, 4^5, 6, 12^3\})$	26542080
12	$\mathcal{O}(2; \{2^5, 3^2, 4, 6^2, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2, 3^5, 4, 6^2, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^2, 3^2, 4^3, 6^2, 12^3\})$	27869184
12	$\mathcal{O}(2; \{2^6, 4, 6^3, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^3, 4, 6^3, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2^3, 4^3, 6^3, 12^3\})$	14598144
12	$\mathcal{O}(2; \{4^5, 6^3, 12^3\})$	58392576
12	$\mathcal{O}(2; \{2^3, 3, 4, 6^4, 12^3\})$	14266368
12	$\mathcal{O}(2; \{3, 4^3, 6^4, 12^3\})$	57065472
12	$\mathcal{O}(2; \{3^2, 4, 6^5, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2, 4, 6^6, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2^8, 3^2, 12^4\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^5, 12^4\})$	28200960
12	$\mathcal{O}(2; \{3^8, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^5, 3^2, 4^2, 12^4\})$	14598144
12	$\mathcal{O}(2; \{2, 3^5, 4^2, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2^2, 3^2, 4^4, 12^4\})$	58392576
12	$\mathcal{O}(2; \{2^9, 6, 12^4\})$	1658880
12	$\mathcal{O}(2; \{2^5, 3^3, 6, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2, 3^6, 6, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^6, 4^2, 6, 12^4\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^3, 4^2, 6, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2^3, 4^4, 6, 12^4\})$	26542080
12	$\mathcal{O}(2; \{4^6, 6, 12^4\})$	106168320
12	$\mathcal{O}(2; \{2^6, 3, 6^2, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^4, 6^2, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^3, 3, 4^2, 6^2, 12^4\})$	27869184
12	$\mathcal{O}(2; \{3, 4^4, 6^2, 12^4\})$	111476736
12	$\mathcal{O}(2; \{2^3, 3^2, 6^3, 12^4\})$	28200960
12	$\mathcal{O}(2; \{3^2, 4^2, 6^3, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2^4, 6^4, 12^4\})$	14266368
12	$\mathcal{O}(2; \{3^3, 6^4, 12^4\})$	113135616

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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	$\mathcal{O}(2; \{2, 4^2, 6^4, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2, 3, 6^5, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^6, 3, 4, 12^5\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3^4, 4, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2^3, 3, 4^3, 12^5\})$	58392576
12	$\mathcal{O}(2; \{3, 4^5, 12^5\})$	233570304
12	$\mathcal{O}(2; \{2^3, 3^2, 4, 6, 12^5\})$	57065472
12	$\mathcal{O}(2; \{3^2, 4^3, 6, 12^5\})$	228261888
12	$\mathcal{O}(2; \{2^4, 4, 6^2, 12^5\})$	27869184
12	$\mathcal{O}(2; \{3^3, 4, 6^2, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2, 4^3, 6^2, 12^5\})$	111476736
12	$\mathcal{O}(2; \{2, 3, 4, 6^3, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2^7, 12^6\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3^3, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2^4, 4^2, 12^6\})$	58392576
12	$\mathcal{O}(2; \{3^3, 4^2, 12^6\})$	451215360
12	$\mathcal{O}(2; \{2, 4^4, 12^6\})$	233570304
12	$\mathcal{O}(2; \{2^4, 3, 6, 12^6\})$	57065472
12	$\mathcal{O}(2; \{3^4, 6, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2, 3, 4^2, 6, 12^6\})$	228261888
12	$\mathcal{O}(2; \{2, 3^2, 6^2, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2^2, 6^3, 12^6\})$	112803840
12	$\mathcal{O}(2; \{2, 3^2, 4, 12^7\})$	451215360
12	$\mathcal{O}(2; \{2^2, 4, 6, 12^7\})$	228261888
12	$\mathcal{O}(2; \{2^2, 3, 12^8\})$	451215360
12	$\mathcal{O}(2; \{6^2, 12^8\})$	907739136
12	$\mathcal{O}(2; \{4, 12^9\})$	1804861440
12	$\mathcal{O}(1; \{2^{22}\})$	96
12	$\mathcal{O}(1; \{2^{18}, 3^3\})$	216
12	$\mathcal{O}(1; \{2^{14}, 3^6\})$	2376
12	$\mathcal{O}(1; \{2^{10}, 3^9\})$	18360
12	$\mathcal{O}(1; \{2^6, 3^{12}\})$	147528
12	$\mathcal{O}(1; \{2^2, 3^{15}\})$	1179576
12	$\mathcal{O}(1; \{2^{19}, 4^2\})$	256
12	$\mathcal{O}(1; \{2^{15}, 3^3, 4^2\})$	576
12	$\mathcal{O}(1; \{2^{11}, 3^6, 4^2\})$	6336
12	$\mathcal{O}(1; \{2^7, 3^9, 4^2\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^{12}, 4^2\})$	393408
12	$\mathcal{O}(1; \{2^{16}, 4^4\})$	1024
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^4\})$	2304
12	$\mathcal{O}(1; \{2^8, 3^6, 4^4\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^9, 4^4\})$	195840
12	$\mathcal{O}(1; \{3^{12}, 4^4\})$	1573632

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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	$\mathcal{O}(1; \{2^{13}, 4^6\})$	4096
12	$\mathcal{O}(1; \{2^9, 3^3, 4^6\})$	9216
12	$\mathcal{O}(1; \{2^5, 3^6, 4^6\})$	101376
12	$\mathcal{O}(1; \{2, 3^9, 4^6\})$	783360
12	$\mathcal{O}(1; \{2^{10}, 4^8\})$	16384
12	$\mathcal{O}(1; \{2^6, 3^3, 4^8\})$	36864
12	$\mathcal{O}(1; \{2^2, 3^6, 4^8\})$	405504
12	$\mathcal{O}(1; \{2^7, 4^{10}\})$	65536
12	$\mathcal{O}(1; \{2^3, 3^3, 4^{10}\})$	147456
12	$\mathcal{O}(1; \{2^4, 4^{12}\})$	262144
12	$\mathcal{O}(1; \{3^3, 4^{12}\})$	589824
12	$\mathcal{O}(1; \{2, 4^{14}\})$	1048576
12	$\mathcal{O}(1; \{2^{19}, 3, 6\})$	216
12	$\mathcal{O}(1; \{2^{15}, 3^4, 6\})$	1080
12	$\mathcal{O}(1; \{2^{11}, 3^7, 6\})$	9288
12	$\mathcal{O}(1; \{2^7, 3^{10}, 6\})$	73656
12	$\mathcal{O}(1; \{2^3, 3^{13}, 6\})$	589896
12	$\mathcal{O}(1; \{2^{16}, 3, 4^2, 6\})$	576
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4^2, 6\})$	2880
12	$\mathcal{O}(1; \{2^8, 3^7, 4^2, 6\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4^2, 6\})$	196416
12	$\mathcal{O}(1; \{3^{13}, 4^2, 6\})$	1573056
12	$\mathcal{O}(1; \{2^{13}, 3, 4^4, 6\})$	2304
12	$\mathcal{O}(1; \{2^9, 3^4, 4^4, 6\})$	11520
12	$\mathcal{O}(1; \{2^5, 3^7, 4^4, 6\})$	99072
12	$\mathcal{O}(1; \{2, 3^{10}, 4^4, 6\})$	785664
12	$\mathcal{O}(1; \{2^{10}, 3, 4^6, 6\})$	9216
12	$\mathcal{O}(1; \{2^6, 3^4, 4^6, 6\})$	46080
12	$\mathcal{O}(1; \{2^2, 3^7, 4^6, 6\})$	396288
12	$\mathcal{O}(1; \{2^7, 3, 4^8, 6\})$	36864
12	$\mathcal{O}(1; \{2^3, 3^4, 4^8, 6\})$	184320
12	$\mathcal{O}(1; \{2^4, 3, 4^{10}, 6\})$	147456
12	$\mathcal{O}(1; \{3^4, 4^{10}, 6\})$	737280
12	$\mathcal{O}(1; \{2, 3, 4^{12}, 6\})$	589824
12	$\mathcal{O}(1; \{2^{16}, 3^2, 6^2\})$	648
12	$\mathcal{O}(1; \{2^{12}, 3^5, 6^2\})$	4536
12	$\mathcal{O}(1; \{2^8, 3^8, 6^2\})$	36936
12	$\mathcal{O}(1; \{2^4, 3^{11}, 6^2\})$	294840
12	$\mathcal{O}(1; \{3^{14}, 6^2\})$	2359368
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^2, 6^2\})$	1728
12	$\mathcal{O}(1; \{2^9, 3^5, 4^2, 6^2\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^8, 4^2, 6^2\})$	98496
12	$\mathcal{O}(1; \{2, 3^{11}, 4^2, 6^2\})$	786240

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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	$\mathcal{O}(1; \{2^{10}, 3^2, 4^4, 6^2\})$	6912
12	$\mathcal{O}(1; \{2^6, 3^5, 4^4, 6^2\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^8, 4^4, 6^2\})$	393984
12	$\mathcal{O}(1; \{2^7, 3^2, 4^6, 6^2\})$	27648
12	$\mathcal{O}(1; \{2^3, 3^5, 4^6, 6^2\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^2, 4^8, 6^2\})$	110592
12	$\mathcal{O}(1; \{3^5, 4^8, 6^2\})$	774144
12	$\mathcal{O}(1; \{2, 3^2, 4^{10}, 6^2\})$	442368
12	$\mathcal{O}(1; \{2^{17}, 6^3\})$	216
12	$\mathcal{O}(1; \{2^{13}, 3^3, 6^3\})$	2376
12	$\mathcal{O}(1; \{2^9, 3^6, 6^3\})$	18360
12	$\mathcal{O}(1; \{2^5, 3^9, 6^3\})$	147528
12	$\mathcal{O}(1; \{2, 3^{12}, 6^3\})$	1179576
12	$\mathcal{O}(1; \{2^{14}, 4^2, 6^3\})$	576
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^2, 6^3\})$	6336
12	$\mathcal{O}(1; \{2^6, 3^6, 4^2, 6^3\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^9, 4^2, 6^3\})$	393408
12	$\mathcal{O}(1; \{2^{11}, 4^4, 6^3\})$	2304
12	$\mathcal{O}(1; \{2^7, 3^3, 4^4, 6^3\})$	25344
12	$\mathcal{O}(1; \{2^3, 3^6, 4^4, 6^3\})$	195840
12	$\mathcal{O}(1; \{2^8, 4^6, 6^3\})$	9216
12	$\mathcal{O}(1; \{2^4, 3^3, 4^6, 6^3\})$	101376
12	$\mathcal{O}(1; \{3^6, 4^6, 6^3\})$	783360
12	$\mathcal{O}(1; \{2^5, 4^8, 6^3\})$	36864
12	$\mathcal{O}(1; \{2, 3^3, 4^8, 6^3\})$	405504
12	$\mathcal{O}(1; \{2^2, 4^{10}, 6^3\})$	147456
12	$\mathcal{O}(1; \{2^{14}, 3, 6^4\})$	1080
12	$\mathcal{O}(1; \{2^{10}, 3^4, 6^4\})$	9288
12	$\mathcal{O}(1; \{2^6, 3^7, 6^4\})$	73656
12	$\mathcal{O}(1; \{2^2, 3^{10}, 6^4\})$	589896
12	$\mathcal{O}(1; \{2^{11}, 3, 4^2, 6^4\})$	2880
12	$\mathcal{O}(1; \{2^7, 3^4, 4^2, 6^4\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^7, 4^2, 6^4\})$	196416
12	$\mathcal{O}(1; \{2^8, 3, 4^4, 6^4\})$	11520
12	$\mathcal{O}(1; \{2^4, 3^4, 4^4, 6^4\})$	99072
12	$\mathcal{O}(1; \{3^7, 4^4, 6^4\})$	785664
12	$\mathcal{O}(1; \{2^5, 3, 4^6, 6^4\})$	46080
12	$\mathcal{O}(1; \{2, 3^4, 4^6, 6^4\})$	396288
12	$\mathcal{O}(1; \{2^2, 3, 4^8, 6^4\})$	184320
12	$\mathcal{O}(1; \{2^{11}, 3^2, 6^5\})$	4536
12	$\mathcal{O}(1; \{2^7, 3^5, 6^5\})$	36936
12	$\mathcal{O}(1; \{2^3, 3^8, 6^5\})$	294840
12	$\mathcal{O}(1; \{2^8, 3^2, 4^2, 6^5\})$	12096

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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	$\mathcal{O}(1; \{2^4, 3^5, 4^2, 6^5\})$	98496
12	$\mathcal{O}(1; \{3^8, 4^2, 6^5\})$	786240
12	$\mathcal{O}(1; \{2^5, 3^2, 4^4, 6^5\})$	48384
12	$\mathcal{O}(1; \{2, 3^5, 4^4, 6^5\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^2, 4^6, 6^5\})$	193536
12	$\mathcal{O}(1; \{2^{12}, 6^6\})$	2376
12	$\mathcal{O}(1; \{2^8, 3^3, 6^6\})$	18360
12	$\mathcal{O}(1; \{2^4, 3^6, 6^6\})$	147528
12	$\mathcal{O}(1; \{3^9, 6^6\})$	1179576
12	$\mathcal{O}(1; \{2^9, 4^2, 6^6\})$	6336
12	$\mathcal{O}(1; \{2^5, 3^3, 4^2, 6^6\})$	48960
12	$\mathcal{O}(1; \{2, 3^6, 4^2, 6^6\})$	393408
12	$\mathcal{O}(1; \{2^6, 4^4, 6^6\})$	25344
12	$\mathcal{O}(1; \{2^2, 3^3, 4^4, 6^6\})$	195840
12	$\mathcal{O}(1; \{2^3, 4^6, 6^6\})$	101376
12	$\mathcal{O}(1; \{4^8, 6^6\})$	405504
12	$\mathcal{O}(1; \{2^9, 3, 6^7\})$	9288
12	$\mathcal{O}(1; \{2^5, 3^4, 6^7\})$	73656
12	$\mathcal{O}(1; \{2, 3^7, 6^7\})$	589896
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 6^7\})$	24768
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 6^7\})$	196416
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 6^7\})$	99072
12	$\mathcal{O}(1; \{3, 4^6, 6^7\})$	396288
12	$\mathcal{O}(1; \{2^6, 3^2, 6^8\})$	36936
12	$\mathcal{O}(1; \{2^2, 3^5, 6^8\})$	294840
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6^8\})$	98496
12	$\mathcal{O}(1; \{3^2, 4^4, 6^8\})$	393984
12	$\mathcal{O}(1; \{2^7, 6^9\})$	18360
12	$\mathcal{O}(1; \{2^3, 3^3, 6^9\})$	147528
12	$\mathcal{O}(1; \{2^4, 4^2, 6^9\})$	48960
12	$\mathcal{O}(1; \{3^3, 4^2, 6^9\})$	393408
12	$\mathcal{O}(1; \{2, 4^4, 6^9\})$	195840
12	$\mathcal{O}(1; \{2^4, 3, 6^{10}\})$	73656
12	$\mathcal{O}(1; \{3^4, 6^{10}\})$	589896
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^{10}\})$	196416
12	$\mathcal{O}(1; \{2, 3^2, 6^{11}\})$	294840
12	$\mathcal{O}(1; \{2^2, 6^{12}\})$	147528
12	$\mathcal{O}(1; \{2^{16}, 3^2, 4, 12\})$	576
12	$\mathcal{O}(1; \{2^{12}, 3^5, 4, 12\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^8, 4, 12\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^{11}, 4, 12\})$	393408
12	$\mathcal{O}(1; \{3^{14}, 4, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^3, 12\})$	2304

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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	$\mathcal{O}(1; \{2^9, 3^5, 4^3, 12\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^8, 4^3, 12\})$	195840
12	$\mathcal{O}(1; \{2, 3^{11}, 4^3, 12\})$	1573632
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^5, 12\})$	9216
12	$\mathcal{O}(1; \{2^6, 3^5, 4^5, 12\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^8, 4^5, 12\})$	783360
12	$\mathcal{O}(1; \{2^7, 3^2, 4^7, 12\})$	36864
12	$\mathcal{O}(1; \{2^3, 3^5, 4^7, 12\})$	405504
12	$\mathcal{O}(1; \{2^4, 3^2, 4^9, 12\})$	147456
12	$\mathcal{O}(1; \{3^5, 4^9, 12\})$	1622016
12	$\mathcal{O}(1; \{2, 3^2, 4^{11}, 12\})$	589824
12	$\mathcal{O}(1; \{2^{17}, 4, 6, 12\})$	576
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4, 6, 12\})$	2880
12	$\mathcal{O}(1; \{2^9, 3^6, 4, 6, 12\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^9, 4, 6, 12\})$	196416
12	$\mathcal{O}(1; \{2, 3^{12}, 4, 6, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{14}, 4^3, 6, 12\})$	2304
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^3, 6, 12\})$	11520
12	$\mathcal{O}(1; \{2^6, 3^6, 4^3, 6, 12\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^9, 4^3, 6, 12\})$	785664
12	$\mathcal{O}(1; \{2^{11}, 4^5, 6, 12\})$	9216
12	$\mathcal{O}(1; \{2^7, 3^3, 4^5, 6, 12\})$	46080
12	$\mathcal{O}(1; \{2^3, 3^6, 4^5, 6, 12\})$	396288
12	$\mathcal{O}(1; \{2^8, 4^7, 6, 12\})$	36864
12	$\mathcal{O}(1; \{2^4, 3^3, 4^7, 6, 12\})$	184320
12	$\mathcal{O}(1; \{3^6, 4^7, 6, 12\})$	1585152
12	$\mathcal{O}(1; \{2^5, 4^9, 6, 12\})$	147456
12	$\mathcal{O}(1; \{2, 3^3, 4^9, 6, 12\})$	737280
12	$\mathcal{O}(1; \{2^2, 4^{11}, 6, 12\})$	589824
12	$\mathcal{O}(1; \{2^{14}, 3, 4, 6^2, 12\})$	1728
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4, 6^2, 12\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^7, 4, 6^2, 12\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4, 6^2, 12\})$	786240
12	$\mathcal{O}(1; \{2^{11}, 3, 4^3, 6^2, 12\})$	6912
12	$\mathcal{O}(1; \{2^7, 3^4, 4^3, 6^2, 12\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^7, 4^3, 6^2, 12\})$	393984
12	$\mathcal{O}(1; \{2^8, 3, 4^5, 6^2, 12\})$	27648
12	$\mathcal{O}(1; \{2^4, 3^4, 4^5, 6^2, 12\})$	193536
12	$\mathcal{O}(1; \{3^7, 4^5, 6^2, 12\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3, 4^7, 6^2, 12\})$	110592
12	$\mathcal{O}(1; \{2, 3^4, 4^7, 6^2, 12\})$	774144
12	$\mathcal{O}(1; \{2^2, 3, 4^9, 6^2, 12\})$	442368
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4, 6^3, 12\})$	6336

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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	$\mathcal{O}(1; \{2^7, 3^5, 4, 6^3, 12\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^8, 4, 6^3, 12\})$	393408
12	$\mathcal{O}(1; \{2^8, 3^2, 4^3, 6^3, 12\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^5, 4^3, 6^3, 12\})$	195840
12	$\mathcal{O}(1; \{3^8, 4^3, 6^3, 12\})$	1573632
12	$\mathcal{O}(1; \{2^5, 3^2, 4^5, 6^3, 12\})$	101376
12	$\mathcal{O}(1; \{2, 3^5, 4^5, 6^3, 12\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^2, 4^7, 6^3, 12\})$	405504
12	$\mathcal{O}(1; \{2^{12}, 4, 6^4, 12\})$	2880
12	$\mathcal{O}(1; \{2^8, 3^3, 4, 6^4, 12\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^6, 4, 6^4, 12\})$	196416
12	$\mathcal{O}(1; \{3^9, 4, 6^4, 12\})$	1573056
12	$\mathcal{O}(1; \{2^9, 4^3, 6^4, 12\})$	11520
12	$\mathcal{O}(1; \{2^5, 3^3, 4^3, 6^4, 12\})$	99072
12	$\mathcal{O}(1; \{2, 3^6, 4^3, 6^4, 12\})$	785664
12	$\mathcal{O}(1; \{2^6, 4^5, 6^4, 12\})$	46080
12	$\mathcal{O}(1; \{2^2, 3^3, 4^5, 6^4, 12\})$	396288
12	$\mathcal{O}(1; \{2^3, 4^7, 6^4, 12\})$	184320
12	$\mathcal{O}(1; \{4^9, 6^4, 12\})$	737280
12	$\mathcal{O}(1; \{2^9, 3, 4, 6^5, 12\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^4, 4, 6^5, 12\})$	98496
12	$\mathcal{O}(1; \{2, 3^7, 4, 6^5, 12\})$	786240
12	$\mathcal{O}(1; \{2^6, 3, 4^3, 6^5, 12\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^4, 4^3, 6^5, 12\})$	393984
12	$\mathcal{O}(1; \{2^3, 3, 4^5, 6^5, 12\})$	193536
12	$\mathcal{O}(1; \{3, 4^7, 6^5, 12\})$	774144
12	$\mathcal{O}(1; \{2^6, 3^2, 4, 6^6, 12\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^5, 4, 6^6, 12\})$	393408
12	$\mathcal{O}(1; \{2^3, 3^2, 4^3, 6^6, 12\})$	195840
12	$\mathcal{O}(1; \{3^2, 4^5, 6^6, 12\})$	783360
12	$\mathcal{O}(1; \{2^7, 4, 6^7, 12\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^3, 4, 6^7, 12\})$	196416
12	$\mathcal{O}(1; \{2^4, 4^3, 6^7, 12\})$	99072
12	$\mathcal{O}(1; \{3^3, 4^3, 6^7, 12\})$	785664
12	$\mathcal{O}(1; \{2, 4^5, 6^7, 12\})$	396288
12	$\mathcal{O}(1; \{2^4, 3, 4, 6^8, 12\})$	98496
12	$\mathcal{O}(1; \{3^4, 4, 6^8, 12\})$	786240
12	$\mathcal{O}(1; \{2, 3, 4^3, 6^8, 12\})$	393984
12	$\mathcal{O}(1; \{2, 3^2, 4, 6^9, 12\})$	393408
12	$\mathcal{O}(1; \{2^2, 4, 6^{10}, 12\})$	196416
12	$\mathcal{O}(1; \{2^{17}, 3, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{13}, 3^4, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^7, 12^2\})$	48960

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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	$\mathcal{O}(1; \{2^5, 3^{10}, 12^2\})$	393408
12	$\mathcal{O}(1; \{2, 3^{13}, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{14}, 3, 4^2, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^2, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^7, 4^2, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^2, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^{11}, 3, 4^4, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^7, 3^4, 4^4, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^7, 4^4, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^8, 3, 4^6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^4, 3^4, 4^6, 12^2\})$	405504
12	$\mathcal{O}(1; \{3^7, 4^6, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^5, 3, 4^8, 12^2\})$	147456
12	$\mathcal{O}(1; \{2, 3^4, 4^8, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2^2, 3, 4^{10}, 12^2\})$	589824
12	$\mathcal{O}(1; \{2^{14}, 3^2, 6, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{10}, 3^5, 6, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^8, 6, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^{11}, 6, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^2, 6, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^5, 4^2, 6, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^8, 4^2, 6, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^8, 3^2, 4^4, 6, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^5, 4^4, 6, 12^2\})$	396288
12	$\mathcal{O}(1; \{3^8, 4^4, 6, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^5, 3^2, 4^6, 6, 12^2\})$	184320
12	$\mathcal{O}(1; \{2, 3^5, 4^6, 6, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^2, 4^8, 6, 12^2\})$	737280
12	$\mathcal{O}(1; \{2^{15}, 6^2, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{11}, 3^3, 6^2, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^6, 6^2, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^9, 6^2, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^{12}, 4^2, 6^2, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^8, 3^3, 4^2, 6^2, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^6, 4^2, 6^2, 12^2\})$	393984
12	$\mathcal{O}(1; \{3^9, 4^2, 6^2, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^9, 4^4, 6^2, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^5, 3^3, 4^4, 6^2, 12^2\})$	193536
12	$\mathcal{O}(1; \{2, 3^6, 4^4, 6^2, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^6, 4^6, 6^2, 12^2\})$	110592
12	$\mathcal{O}(1; \{2^2, 3^3, 4^6, 6^2, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^3, 4^8, 6^2, 12^2\})$	442368
12	$\mathcal{O}(1; \{4^{10}, 6^2, 12^2\})$	1769472

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^{12}, 3, 6^3, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^4, 6^3, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^7, 6^3, 12^2\})$	393408
12	$\mathcal{O}(1; \{3^{10}, 6^3, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^9, 3, 4^2, 6^3, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^4, 4^2, 6^3, 12^2\})$	195840
12	$\mathcal{O}(1; \{2, 3^7, 4^2, 6^3, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^6, 3, 4^4, 6^3, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^4, 4^4, 6^3, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^3, 3, 4^6, 6^3, 12^2\})$	405504
12	$\mathcal{O}(1; \{3, 4^8, 6^3, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2^9, 3^2, 6^4, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^5, 6^4, 12^2\})$	196416
12	$\mathcal{O}(1; \{2, 3^8, 6^4, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^6, 3^2, 4^2, 6^4, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^5, 4^2, 6^4, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^3, 3^2, 4^4, 6^4, 12^2\})$	396288
12	$\mathcal{O}(1; \{3^2, 4^6, 6^4, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^{10}, 6^5, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^3, 6^5, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^6, 6^5, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^7, 4^2, 6^5, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 6^5, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^4, 4^4, 6^5, 12^2\})$	193536
12	$\mathcal{O}(1; \{3^3, 4^4, 6^5, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2, 4^6, 6^5, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^7, 3, 6^6, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^4, 6^6, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 6^6, 12^2\})$	195840
12	$\mathcal{O}(1; \{3^4, 4^2, 6^6, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2, 3, 4^4, 6^6, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^2, 6^7, 12^2\})$	196416
12	$\mathcal{O}(1; \{3^5, 6^7, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^7, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^5, 6^8, 12^2\})$	98496
12	$\mathcal{O}(1; \{2, 3^3, 6^8, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^2, 4^2, 6^8, 12^2\})$	393984
12	$\mathcal{O}(1; \{2^2, 3, 6^9, 12^2\})$	393408
12	$\mathcal{O}(1; \{6^{11}, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^{15}, 4, 12^3\})$	2304
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^6, 4, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^9, 4, 12^3\})$	1573632

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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	$\mathcal{O}(1; \{2^{12}, 4^3, 12^3\})$	9216
12	$\mathcal{O}(1; \{2^8, 3^3, 4^3, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^6, 4^3, 12^3\})$	783360
12	$\mathcal{O}(1; \{3^9, 4^3, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^9, 4^5, 12^3\})$	36864
12	$\mathcal{O}(1; \{2^5, 3^3, 4^5, 12^3\})$	405504
12	$\mathcal{O}(1; \{2, 3^6, 4^5, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^6, 4^7, 12^3\})$	147456
12	$\mathcal{O}(1; \{2^2, 3^3, 4^7, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2^3, 4^9, 12^3\})$	589824
12	$\mathcal{O}(1; \{4^{11}, 12^3\})$	2359296
12	$\mathcal{O}(1; \{2^{12}, 3, 4, 6, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^4, 4, 6, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^7, 4, 6, 12^3\})$	785664
12	$\mathcal{O}(1; \{3^{10}, 4, 6, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^9, 3, 4^3, 6, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^4, 4^3, 6, 12^3\})$	396288
12	$\mathcal{O}(1; \{2, 3^7, 4^3, 6, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^6, 3, 4^5, 6, 12^3\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^4, 4^5, 6, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3, 4^7, 6, 12^3\})$	737280
12	$\mathcal{O}(1; \{3, 4^9, 6, 12^3\})$	2949120
12	$\mathcal{O}(1; \{2^9, 3^2, 4, 6^2, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^5, 4, 6^2, 12^3\})$	393984
12	$\mathcal{O}(1; \{2, 3^8, 4, 6^2, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^6, 3^2, 4^3, 6^2, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^5, 4^3, 6^2, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^2, 4^5, 6^2, 12^3\})$	774144
12	$\mathcal{O}(1; \{3^2, 4^7, 6^2, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2^{10}, 4, 6^3, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^3, 4, 6^3, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^6, 4, 6^3, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^7, 4^3, 6^3, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^3, 4^3, 6^3, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^4, 4^5, 6^3, 12^3\})$	405504
12	$\mathcal{O}(1; \{3^3, 4^5, 6^3, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2, 4^7, 6^3, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2^7, 3, 4, 6^4, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^4, 4, 6^4, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^4, 3, 4^3, 6^4, 12^3\})$	396288
12	$\mathcal{O}(1; \{3^4, 4^3, 6^4, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2, 3, 4^5, 6^4, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 6^5, 12^3\})$	393984

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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	$\mathcal{O}(1; \{3^5, 4, 6^5, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2, 3^2, 4^3, 6^5, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^5, 4, 6^6, 12^3\})$	195840
12	$\mathcal{O}(1; \{2, 3^3, 4, 6^6, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^2, 4^3, 6^6, 12^3\})$	783360
12	$\mathcal{O}(1; \{2^2, 3, 4, 6^7, 12^3\})$	785664
12	$\mathcal{O}(1; \{4, 6^9, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^{12}, 3^2, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^5, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^8, 12^4\})$	1573632
12	$\mathcal{O}(1; \{3^{11}, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^9, 3^2, 4^2, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^5, 4^2, 12^4\})$	783360
12	$\mathcal{O}(1; \{2, 3^8, 4^2, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^6, 3^2, 4^4, 12^4\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^5, 4^4, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3^2, 4^6, 12^4\})$	1622016
12	$\mathcal{O}(1; \{3^2, 4^8, 12^4\})$	6488064
12	$\mathcal{O}(1; \{2^{13}, 6, 12^4\})$	11520
12	$\mathcal{O}(1; \{2^9, 3^3, 6, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^6, 6, 12^4\})$	785664
12	$\mathcal{O}(1; \{2, 3^9, 6, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^{10}, 4^2, 6, 12^4\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^3, 4^2, 6, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^6, 4^2, 6, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^7, 4^4, 6, 12^4\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^3, 4^4, 6, 12^4\})$	1585152
12	$\mathcal{O}(1; \{2^4, 4^6, 6, 12^4\})$	737280
12	$\mathcal{O}(1; \{3^3, 4^6, 6, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2, 4^8, 6, 12^4\})$	2949120
12	$\mathcal{O}(1; \{2^{10}, 3, 6^2, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^4, 6^2, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^7, 6^2, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^7, 3, 4^2, 6^2, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^4, 4^2, 6^2, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^4, 3, 4^4, 6^2, 12^4\})$	774144
12	$\mathcal{O}(1; \{3^4, 4^4, 6^2, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2, 3, 4^6, 6^2, 12^4\})$	3096576
12	$\mathcal{O}(1; \{2^7, 3^2, 6^3, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^5, 6^3, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 6^3, 12^4\})$	783360
12	$\mathcal{O}(1; \{3^5, 4^2, 6^3, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2, 3^2, 4^4, 6^3, 12^4\})$	3133440

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

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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	$\mathcal{O}(1; \{2^4, 3^3, 4^2, 12^6\})$	3133440
12	$\mathcal{O}(1; \{3^6, 4^2, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2^5, 4^4, 12^6\})$	1622016
12	$\mathcal{O}(1; \{2, 3^3, 4^4, 12^6\})$	12533760
12	$\mathcal{O}(1; \{2^2, 4^6, 12^6\})$	6488064
12	$\mathcal{O}(1; \{2^8, 3, 6, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^4, 6, 12^6\})$	3142656
12	$\mathcal{O}(1; \{3^7, 6, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 6, 12^6\})$	1585152
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 6, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 6, 12^6\})$	6340608
12	$\mathcal{O}(1; \{2^5, 3^2, 6^2, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2, 3^5, 6^2, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^2, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2^6, 6^3, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^3, 6^3, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^3, 4^2, 6^3, 12^6\})$	3133440
12	$\mathcal{O}(1; \{4^4, 6^3, 12^6\})$	12533760
12	$\mathcal{O}(1; \{2^3, 3, 6^4, 12^6\})$	3142656
12	$\mathcal{O}(1; \{3, 4^2, 6^4, 12^6\})$	12570624
12	$\mathcal{O}(1; \{3^2, 6^5, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2, 6^6, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^5, 3^2, 4, 12^7\})$	3133440
12	$\mathcal{O}(1; \{2, 3^5, 4, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 12^7\})$	12533760
12	$\mathcal{O}(1; \{2^6, 4, 6, 12^7\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 6, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2^3, 4^3, 6, 12^7\})$	6340608
12	$\mathcal{O}(1; \{4^5, 6, 12^7\})$	25362432
12	$\mathcal{O}(1; \{2^3, 3, 4, 6^2, 12^7\})$	6303744
12	$\mathcal{O}(1; \{3, 4^3, 6^2, 12^7\})$	25214976
12	$\mathcal{O}(1; \{3^2, 4, 6^3, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2, 4, 6^4, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2^6, 3, 12^8\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^4, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 12^8\})$	12533760
12	$\mathcal{O}(1; \{3, 4^4, 12^8\})$	50135040
12	$\mathcal{O}(1; \{2^3, 3^2, 6, 12^8\})$	12570624
12	$\mathcal{O}(1; \{3^2, 4^2, 6, 12^8\})$	50282496
12	$\mathcal{O}(1; \{2^4, 6^2, 12^8\})$	6303744
12	$\mathcal{O}(1; \{3^3, 6^2, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2, 4^2, 6^2, 12^8\})$	25214976
12	$\mathcal{O}(1; \{2, 3, 6^3, 12^8\})$	25178112

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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	$\mathcal{O}(1; \{2^4, 4, 12^9\})$	12533760
12	$\mathcal{O}(1; \{3^3, 4, 12^9\})$	100712448
12	$\mathcal{O}(1; \{2, 4^3, 12^9\})$	50135040
12	$\mathcal{O}(1; \{2, 3, 4, 6, 12^9\})$	50282496
12	$\mathcal{O}(1; \{2, 3^2, 12^{10}\})$	100712448
12	$\mathcal{O}(1; \{2^2, 6, 12^{10}\})$	50282496
12	$\mathcal{O}(1; \{12^{12}\})$	402849792
12	$\mathcal{O}(0; \{2^{19}, 3^3, 4^2\})$	4
12	$\mathcal{O}(0; \{2^{15}, 3^6, 4^2\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^9, 4^2\})$	340
12	$\mathcal{O}(0; \{2^7, 3^{12}, 4^2\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^{15}, 4^2\})$	21844
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^4\})$	16
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^4\})$	176
12	$\mathcal{O}(0; \{2^8, 3^9, 4^4\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^4\})$	10928
12	$\mathcal{O}(0; \{3^{15}, 4^4\})$	87376
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^6\})$	64
12	$\mathcal{O}(0; \{2^9, 3^6, 4^6\})$	704
12	$\mathcal{O}(0; \{2^5, 3^9, 4^6\})$	5440
12	$\mathcal{O}(0; \{2, 3^{12}, 4^6\})$	43712
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^8\})$	256
12	$\mathcal{O}(0; \{2^6, 3^6, 4^8\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^9, 4^8\})$	21760
12	$\mathcal{O}(0; \{2^7, 3^3, 4^{10}\})$	1024
12	$\mathcal{O}(0; \{2^3, 3^6, 4^{10}\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{12}\})$	4096
12	$\mathcal{O}(0; \{3^6, 4^{12}\})$	45056
12	$\mathcal{O}(0; \{2, 3^3, 4^{14}\})$	16384
12	$\mathcal{O}(0; \{2^{20}, 3, 4^2, 6\})$	4
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4^2, 6\})$	20
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4^2, 6\})$	172
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4^2, 6\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4^2, 6\})$	10924
12	$\mathcal{O}(0; \{3^{16}, 4^2, 6\})$	87380
12	$\mathcal{O}(0; \{2^{17}, 3, 4^4, 6\})$	16
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^4, 6\})$	80
12	$\mathcal{O}(0; \{2^9, 3^7, 4^4, 6\})$	688
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^4, 6\})$	5456
12	$\mathcal{O}(0; \{2, 3^{13}, 4^4, 6\})$	43696
12	$\mathcal{O}(0; \{2^{14}, 3, 4^6, 6\})$	64
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^6, 6\})$	320
12	$\mathcal{O}(0; \{2^6, 3^7, 4^6, 6\})$	2752

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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	$\mathcal{O}(0; \{2^2, 3^{10}, 4^6, 6\})$	21824
12	$\mathcal{O}(0; \{2^{11}, 3, 4^8, 6\})$	256
12	$\mathcal{O}(0; \{2^7, 3^4, 4^8, 6\})$	1280
12	$\mathcal{O}(0; \{2^3, 3^7, 4^8, 6\})$	11008
12	$\mathcal{O}(0; \{2^8, 3, 4^{10}, 6\})$	1024
12	$\mathcal{O}(0; \{2^4, 3^4, 4^{10}, 6\})$	5120
12	$\mathcal{O}(0; \{3^7, 4^{10}, 6\})$	44032
12	$\mathcal{O}(0; \{2^5, 3, 4^{12}, 6\})$	4096
12	$\mathcal{O}(0; \{2, 3^4, 4^{12}, 6\})$	20480
12	$\mathcal{O}(0; \{2^2, 3, 4^{14}, 6\})$	16384
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^2, 6^2\})$	12
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^2, 6^2\})$	84
12	$\mathcal{O}(0; \{2^9, 3^8, 4^2, 6^2\})$	684
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^2, 6^2\})$	5460
12	$\mathcal{O}(0; \{2, 3^{14}, 4^2, 6^2\})$	43692
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^4, 6^2\})$	48
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^4, 6^2\})$	336
12	$\mathcal{O}(0; \{2^6, 3^8, 4^4, 6^2\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^4, 6^2\})$	21840
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^6, 6^2\})$	192
12	$\mathcal{O}(0; \{2^7, 3^5, 4^6, 6^2\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^8, 4^6, 6^2\})$	10944
12	$\mathcal{O}(0; \{2^8, 3^2, 4^8, 6^2\})$	768
12	$\mathcal{O}(0; \{2^4, 3^5, 4^8, 6^2\})$	5376
12	$\mathcal{O}(0; \{3^8, 4^8, 6^2\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{10}, 6^2\})$	3072
12	$\mathcal{O}(0; \{2, 3^5, 4^{10}, 6^2\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{12}, 6^2\})$	12288
12	$\mathcal{O}(0; \{2^{18}, 4^2, 6^3\})$	4
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^2, 6^3\})$	44
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^2, 6^3\})$	340
12	$\mathcal{O}(0; \{2^6, 3^9, 4^2, 6^3\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^2, 6^3\})$	21844
12	$\mathcal{O}(0; \{2^{15}, 4^4, 6^3\})$	16
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^4, 6^3\})$	176
12	$\mathcal{O}(0; \{2^7, 3^6, 4^4, 6^3\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^9, 4^4, 6^3\})$	10928
12	$\mathcal{O}(0; \{2^{12}, 4^6, 6^3\})$	64
12	$\mathcal{O}(0; \{2^8, 3^3, 4^6, 6^3\})$	704
12	$\mathcal{O}(0; \{2^4, 3^6, 4^6, 6^3\})$	5440
12	$\mathcal{O}(0; \{3^9, 4^6, 6^3\})$	43712
12	$\mathcal{O}(0; \{2^9, 4^8, 6^3\})$	256
12	$\mathcal{O}(0; \{2^5, 3^3, 4^8, 6^3\})$	2816

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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	$\mathcal{O}(0; \{2, 3^6, 4^8, 6^3\})$	21760
12	$\mathcal{O}(0; \{2^6, 4^{10}, 6^3\})$	1024
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{10}, 6^3\})$	11264
12	$\mathcal{O}(0; \{2^3, 4^{12}, 6^3\})$	4096
12	$\mathcal{O}(0; \{4^{14}, 6^3\})$	16384
12	$\mathcal{O}(0; \{2^{15}, 3, 4^2, 6^4\})$	20
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^2, 6^4\})$	172
12	$\mathcal{O}(0; \{2^7, 3^7, 4^2, 6^4\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^2, 6^4\})$	10924
12	$\mathcal{O}(0; \{2^{12}, 3, 4^4, 6^4\})$	80
12	$\mathcal{O}(0; \{2^8, 3^4, 4^4, 6^4\})$	688
12	$\mathcal{O}(0; \{2^4, 3^7, 4^4, 6^4\})$	5456
12	$\mathcal{O}(0; \{3^{10}, 4^4, 6^4\})$	43696
12	$\mathcal{O}(0; \{2^9, 3, 4^6, 6^4\})$	320
12	$\mathcal{O}(0; \{2^5, 3^4, 4^6, 6^4\})$	2752
12	$\mathcal{O}(0; \{2, 3^7, 4^6, 6^4\})$	21824
12	$\mathcal{O}(0; \{2^6, 3, 4^8, 6^4\})$	1280
12	$\mathcal{O}(0; \{2^2, 3^4, 4^8, 6^4\})$	11008
12	$\mathcal{O}(0; \{2^3, 3, 4^{10}, 6^4\})$	5120
12	$\mathcal{O}(0; \{3, 4^{12}, 6^4\})$	20480
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^2, 6^5\})$	84
12	$\mathcal{O}(0; \{2^8, 3^5, 4^2, 6^5\})$	684
12	$\mathcal{O}(0; \{2^4, 3^8, 4^2, 6^5\})$	5460
12	$\mathcal{O}(0; \{3^{11}, 4^2, 6^5\})$	43692
12	$\mathcal{O}(0; \{2^9, 3^2, 4^4, 6^5\})$	336
12	$\mathcal{O}(0; \{2^5, 3^5, 4^4, 6^5\})$	2736
12	$\mathcal{O}(0; \{2, 3^8, 4^4, 6^5\})$	21840
12	$\mathcal{O}(0; \{2^6, 3^2, 4^6, 6^5\})$	1344
12	$\mathcal{O}(0; \{2^2, 3^5, 4^6, 6^5\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^2, 4^8, 6^5\})$	5376
12	$\mathcal{O}(0; \{3^2, 4^{10}, 6^5\})$	21504
12	$\mathcal{O}(0; \{2^{13}, 4^2, 6^6\})$	44
12	$\mathcal{O}(0; \{2^9, 3^3, 4^2, 6^6\})$	340
12	$\mathcal{O}(0; \{2^5, 3^6, 4^2, 6^6\})$	2732
12	$\mathcal{O}(0; \{2, 3^9, 4^2, 6^6\})$	21844
12	$\mathcal{O}(0; \{2^{10}, 4^4, 6^6\})$	176
12	$\mathcal{O}(0; \{2^6, 3^3, 4^4, 6^6\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^6, 4^4, 6^6\})$	10928
12	$\mathcal{O}(0; \{2^7, 4^6, 6^6\})$	704
12	$\mathcal{O}(0; \{2^3, 3^3, 4^6, 6^6\})$	5440
12	$\mathcal{O}(0; \{2^4, 4^8, 6^6\})$	2816
12	$\mathcal{O}(0; \{3^3, 4^8, 6^6\})$	21760
12	$\mathcal{O}(0; \{2, 4^{10}, 6^6\})$	11264

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{10}, 3, 4^2, 6^7\})$	172
12	$\mathcal{O}(0; \{2^6, 3^4, 4^2, 6^7\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^7, 4^2, 6^7\})$	10924
12	$\mathcal{O}(0; \{2^7, 3, 4^4, 6^7\})$	688
12	$\mathcal{O}(0; \{2^3, 3^4, 4^4, 6^7\})$	5456
12	$\mathcal{O}(0; \{2^4, 3, 4^6, 6^7\})$	2752
12	$\mathcal{O}(0; \{3^4, 4^6, 6^7\})$	21824
12	$\mathcal{O}(0; \{2, 3, 4^8, 6^7\})$	11008
12	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 6^8\})$	684
12	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 6^8\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 6^8\})$	2736
12	$\mathcal{O}(0; \{3^5, 4^4, 6^8\})$	21840
12	$\mathcal{O}(0; \{2, 3^2, 4^6, 6^8\})$	10944
12	$\mathcal{O}(0; \{2^8, 4^2, 6^9\})$	340
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6^9\})$	2732
12	$\mathcal{O}(0; \{3^6, 4^2, 6^9\})$	21844
12	$\mathcal{O}(0; \{2^5, 4^4, 6^9\})$	1360
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 6^9\})$	10928
12	$\mathcal{O}(0; \{2^2, 4^6, 6^9\})$	5440
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^{10}\})$	1364
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^{10}\})$	10924
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^{10}\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^{11}\})$	5460
12	$\mathcal{O}(0; \{2^3, 4^2, 6^{12}\})$	2732
12	$\mathcal{O}(0; \{4^4, 6^{12}\})$	10928
12	$\mathcal{O}(0; \{3, 4^2, 6^{13}\})$	10924
12	$\mathcal{O}(0; \{2^{20}, 3^2, 4, 12\})$	4
12	$\mathcal{O}(0; \{2^{16}, 3^5, 4, 12\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^8, 4, 12\})$	340
12	$\mathcal{O}(0; \{2^8, 3^{11}, 4, 12\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^{14}, 4, 12\})$	21844
12	$\mathcal{O}(0; \{3^{17}, 4, 12\})$	174764
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^3, 12\})$	16
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^3, 12\})$	176
12	$\mathcal{O}(0; \{2^9, 3^8, 4^3, 12\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^3, 12\})$	10928
12	$\mathcal{O}(0; \{2, 3^{14}, 4^3, 12\})$	87376
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^5, 12\})$	64
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^5, 12\})$	704
12	$\mathcal{O}(0; \{2^6, 3^8, 4^5, 12\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^5, 12\})$	43712
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^7, 12\})$	256
12	$\mathcal{O}(0; \{2^7, 3^5, 4^7, 12\})$	2816

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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	$\mathcal{O}(0; \{2^3, 3^8, 4^7, 12\})$	21760
12	$\mathcal{O}(0; \{2^8, 3^2, 4^9, 12\})$	1024
12	$\mathcal{O}(0; \{2^4, 3^5, 4^9, 12\})$	11264
12	$\mathcal{O}(0; \{3^8, 4^9, 12\})$	87040
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{11}, 12\})$	4096
12	$\mathcal{O}(0; \{2, 3^5, 4^{11}, 12\})$	45056
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{13}, 12\})$	16384
12	$\mathcal{O}(0; \{2^{21}, 4, 6, 12\})$	4
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4, 6, 12\})$	20
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4, 6, 12\})$	172
12	$\mathcal{O}(0; \{2^9, 3^9, 4, 6, 12\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4, 6, 12\})$	10924
12	$\mathcal{O}(0; \{2, 3^{15}, 4, 6, 12\})$	87380
12	$\mathcal{O}(0; \{2^{18}, 4^3, 6, 12\})$	16
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^3, 6, 12\})$	80
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^3, 6, 12\})$	688
12	$\mathcal{O}(0; \{2^6, 3^9, 4^3, 6, 12\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^3, 6, 12\})$	43696
12	$\mathcal{O}(0; \{2^{15}, 4^5, 6, 12\})$	64
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^5, 6, 12\})$	320
12	$\mathcal{O}(0; \{2^7, 3^6, 4^5, 6, 12\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^9, 4^5, 6, 12\})$	21824
12	$\mathcal{O}(0; \{2^{12}, 4^7, 6, 12\})$	256
12	$\mathcal{O}(0; \{2^8, 3^3, 4^7, 6, 12\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^6, 4^7, 6, 12\})$	11008
12	$\mathcal{O}(0; \{3^9, 4^7, 6, 12\})$	87296
12	$\mathcal{O}(0; \{2^9, 4^9, 6, 12\})$	1024
12	$\mathcal{O}(0; \{2^5, 3^3, 4^9, 6, 12\})$	5120
12	$\mathcal{O}(0; \{2, 3^6, 4^9, 6, 12\})$	44032
12	$\mathcal{O}(0; \{2^6, 4^{11}, 6, 12\})$	4096
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{11}, 6, 12\})$	20480
12	$\mathcal{O}(0; \{2^3, 4^{13}, 6, 12\})$	16384
12	$\mathcal{O}(0; \{4^{15}, 6, 12\})$	65536
12	$\mathcal{O}(0; \{2^{18}, 3, 4, 6^2, 12\})$	12
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4, 6^2, 12\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4, 6^2, 12\})$	684
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4, 6^2, 12\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4, 6^2, 12\})$	43692
12	$\mathcal{O}(0; \{2^{15}, 3, 4^3, 6^2, 12\})$	48
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^3, 6^2, 12\})$	336
12	$\mathcal{O}(0; \{2^7, 3^7, 4^3, 6^2, 12\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^3, 6^2, 12\})$	21840
12	$\mathcal{O}(0; \{2^{12}, 3, 4^5, 6^2, 12\})$	192

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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	$\mathcal{O}(0; \{2^8, 3^4, 4^5, 6^2, 12\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^7, 4^5, 6^2, 12\})$	10944
12	$\mathcal{O}(0; \{3^{10}, 4^5, 6^2, 12\})$	87360
12	$\mathcal{O}(0; \{2^9, 3, 4^7, 6^2, 12\})$	768
12	$\mathcal{O}(0; \{2^5, 3^4, 4^7, 6^2, 12\})$	5376
12	$\mathcal{O}(0; \{2, 3^7, 4^7, 6^2, 12\})$	43776
12	$\mathcal{O}(0; \{2^6, 3, 4^9, 6^2, 12\})$	3072
12	$\mathcal{O}(0; \{2^2, 3^4, 4^9, 6^2, 12\})$	21504
12	$\mathcal{O}(0; \{2^3, 3, 4^{11}, 6^2, 12\})$	12288
12	$\mathcal{O}(0; \{3, 4^{13}, 6^2, 12\})$	49152
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4, 6^3, 12\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4, 6^3, 12\})$	340
12	$\mathcal{O}(0; \{2^7, 3^8, 4, 6^3, 12\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4, 6^3, 12\})$	21844
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^3, 6^3, 12\})$	176
12	$\mathcal{O}(0; \{2^8, 3^5, 4^3, 6^3, 12\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^8, 4^3, 6^3, 12\})$	10928
12	$\mathcal{O}(0; \{3^{11}, 4^3, 6^3, 12\})$	87376
12	$\mathcal{O}(0; \{2^9, 3^2, 4^5, 6^3, 12\})$	704
12	$\mathcal{O}(0; \{2^5, 3^5, 4^5, 6^3, 12\})$	5440
12	$\mathcal{O}(0; \{2, 3^8, 4^5, 6^3, 12\})$	43712
12	$\mathcal{O}(0; \{2^6, 3^2, 4^7, 6^3, 12\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^5, 4^7, 6^3, 12\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^2, 4^9, 6^3, 12\})$	11264
12	$\mathcal{O}(0; \{3^2, 4^{11}, 6^3, 12\})$	45056
12	$\mathcal{O}(0; \{2^{16}, 4, 6^4, 12\})$	20
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4, 6^4, 12\})$	172
12	$\mathcal{O}(0; \{2^8, 3^6, 4, 6^4, 12\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^9, 4, 6^4, 12\})$	10924
12	$\mathcal{O}(0; \{3^{12}, 4, 6^4, 12\})$	87380
12	$\mathcal{O}(0; \{2^{13}, 4^3, 6^4, 12\})$	80
12	$\mathcal{O}(0; \{2^9, 3^3, 4^3, 6^4, 12\})$	688
12	$\mathcal{O}(0; \{2^5, 3^6, 4^3, 6^4, 12\})$	5456
12	$\mathcal{O}(0; \{2, 3^9, 4^3, 6^4, 12\})$	43696
12	$\mathcal{O}(0; \{2^{10}, 4^5, 6^4, 12\})$	320
12	$\mathcal{O}(0; \{2^6, 3^3, 4^5, 6^4, 12\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^6, 4^5, 6^4, 12\})$	21824
12	$\mathcal{O}(0; \{2^7, 4^7, 6^4, 12\})$	1280
12	$\mathcal{O}(0; \{2^3, 3^3, 4^7, 6^4, 12\})$	11008
12	$\mathcal{O}(0; \{2^4, 4^9, 6^4, 12\})$	5120
12	$\mathcal{O}(0; \{3^3, 4^9, 6^4, 12\})$	44032
12	$\mathcal{O}(0; \{2, 4^{11}, 6^4, 12\})$	20480
12	$\mathcal{O}(0; \{2^{13}, 3, 4, 6^5, 12\})$	84

Continued on next page

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	$\mathcal{O}(0; \{2^9, 3^4, 4, 6^5, 12\})$	684
12	$\mathcal{O}(0; \{2^5, 3^7, 4, 6^5, 12\})$	5460
12	$\mathcal{O}(0; \{2, 3^{10}, 4, 6^5, 12\})$	43692
12	$\mathcal{O}(0; \{2^{10}, 3, 4^3, 6^5, 12\})$	336
12	$\mathcal{O}(0; \{2^6, 3^4, 4^3, 6^5, 12\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^7, 4^3, 6^5, 12\})$	21840
12	$\mathcal{O}(0; \{2^7, 3, 4^5, 6^5, 12\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^4, 4^5, 6^5, 12\})$	10944
12	$\mathcal{O}(0; \{2^4, 3, 4^7, 6^5, 12\})$	5376
12	$\mathcal{O}(0; \{3^4, 4^7, 6^5, 12\})$	43776
12	$\mathcal{O}(0; \{2, 3, 4^9, 6^5, 12\})$	21504
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4, 6^6, 12\})$	340
12	$\mathcal{O}(0; \{2^6, 3^5, 4, 6^6, 12\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^8, 4, 6^6, 12\})$	21844
12	$\mathcal{O}(0; \{2^7, 3^2, 4^3, 6^6, 12\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^5, 4^3, 6^6, 12\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^2, 4^5, 6^6, 12\})$	5440
12	$\mathcal{O}(0; \{3^5, 4^5, 6^6, 12\})$	43712
12	$\mathcal{O}(0; \{2, 3^2, 4^7, 6^6, 12\})$	21760
12	$\mathcal{O}(0; \{2^{11}, 4, 6^7, 12\})$	172
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 6^7, 12\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 6^7, 12\})$	10924
12	$\mathcal{O}(0; \{2^8, 4^3, 6^7, 12\})$	688
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 6^7, 12\})$	5456
12	$\mathcal{O}(0; \{3^6, 4^3, 6^7, 12\})$	43696
12	$\mathcal{O}(0; \{2^5, 4^5, 6^7, 12\})$	2752
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 6^7, 12\})$	21824
12	$\mathcal{O}(0; \{2^2, 4^7, 6^7, 12\})$	11008
12	$\mathcal{O}(0; \{2^8, 3, 4, 6^8, 12\})$	684
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6^8, 12\})$	5460
12	$\mathcal{O}(0; \{3^7, 4, 6^8, 12\})$	43692
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 6^8, 12\})$	2736
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6^8, 12\})$	21840
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6^8, 12\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^9, 12\})$	2732
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^9, 12\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^9, 12\})$	10928
12	$\mathcal{O}(0; \{2^6, 4, 6^{10}, 12\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^{10}, 12\})$	10924
12	$\mathcal{O}(0; \{2^3, 4^3, 6^{10}, 12\})$	5456
12	$\mathcal{O}(0; \{4^5, 6^{10}, 12\})$	21824
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^{11}, 12\})$	5460
12	$\mathcal{O}(0; \{3, 4^3, 6^{11}, 12\})$	21840

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3^2, 4, 6^{12}, 12\})$	21844
12	$\mathcal{O}(0; \{2, 4, 6^{13}, 12\})$	10924
12	$\mathcal{O}(0; \{2^{21}, 3, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{17}, 3^4, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^7, 12^2\})$	340
12	$\mathcal{O}(0; \{2^9, 3^{10}, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^{13}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2, 3^{16}, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{18}, 3, 4^2, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^2, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^2, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^2, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^2, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^{15}, 3, 4^4, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^4, 12^2\})$	704
12	$\mathcal{O}(0; \{2^7, 3^7, 4^4, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^4, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^{12}, 3, 4^6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^8, 3^4, 4^6, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^7, 4^6, 12^2\})$	21760
12	$\mathcal{O}(0; \{3^{10}, 4^6, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^9, 3, 4^8, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^5, 3^4, 4^8, 12^2\})$	11264
12	$\mathcal{O}(0; \{2, 3^7, 4^8, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^6, 3, 4^{10}, 12^2\})$	4096
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{10}, 12^2\})$	45056
12	$\mathcal{O}(0; \{2^3, 3, 4^{12}, 12^2\})$	16384
12	$\mathcal{O}(0; \{3, 4^{14}, 12^2\})$	65536
12	$\mathcal{O}(0; \{2^{18}, 3^2, 6, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{14}, 3^5, 6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^8, 6, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^{11}, 6, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{14}, 6, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^2, 6, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^2, 6, 12^2\})$	688
12	$\mathcal{O}(0; \{2^7, 3^8, 4^2, 6, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^2, 6, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^4, 6, 12^2\})$	320
12	$\mathcal{O}(0; \{2^8, 3^5, 4^4, 6, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^8, 4^4, 6, 12^2\})$	21824
12	$\mathcal{O}(0; \{3^{11}, 4^4, 6, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^9, 3^2, 4^6, 6, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^5, 4^6, 6, 12^2\})$	11008

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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	$\mathcal{O}(0; \{2, 3^8, 4^6, 6, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^6, 3^2, 4^8, 6, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^5, 4^8, 6, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{10}, 6, 12^2\})$	20480
12	$\mathcal{O}(0; \{3^2, 4^{12}, 6, 12^2\})$	81920
12	$\mathcal{O}(0; \{2^{19}, 6^2, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{15}, 3^3, 6^2, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^6, 6^2, 12^2\})$	684
12	$\mathcal{O}(0; \{2^7, 3^9, 6^2, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{12}, 6^2, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{16}, 4^2, 6^2, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^2, 6^2, 12^2\})$	336
12	$\mathcal{O}(0; \{2^8, 3^6, 4^2, 6^2, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^9, 4^2, 6^2, 12^2\})$	21840
12	$\mathcal{O}(0; \{3^{12}, 4^2, 6^2, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{13}, 4^4, 6^2, 12^2\})$	192
12	$\mathcal{O}(0; \{2^9, 3^3, 4^4, 6^2, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^6, 4^4, 6^2, 12^2\})$	10944
12	$\mathcal{O}(0; \{2, 3^9, 4^4, 6^2, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^{10}, 4^6, 6^2, 12^2\})$	768
12	$\mathcal{O}(0; \{2^6, 3^3, 4^6, 6^2, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^6, 4^6, 6^2, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^7, 4^8, 6^2, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^3, 3^3, 4^8, 6^2, 12^2\})$	21504
12	$\mathcal{O}(0; \{2^4, 4^{10}, 6^2, 12^2\})$	12288
12	$\mathcal{O}(0; \{3^3, 4^{10}, 6^2, 12^2\})$	86016
12	$\mathcal{O}(0; \{2, 4^{12}, 6^2, 12^2\})$	49152
12	$\mathcal{O}(0; \{2^{16}, 3, 6^3, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^4, 6^3, 12^2\})$	340
12	$\mathcal{O}(0; \{2^8, 3^7, 6^3, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^{10}, 6^3, 12^2\})$	21844
12	$\mathcal{O}(0; \{3^{13}, 6^3, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{13}, 3, 4^2, 6^3, 12^2\})$	176
12	$\mathcal{O}(0; \{2^9, 3^4, 4^2, 6^3, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^7, 4^2, 6^3, 12^2\})$	10928
12	$\mathcal{O}(0; \{2, 3^{10}, 4^2, 6^3, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^{10}, 3, 4^4, 6^3, 12^2\})$	704
12	$\mathcal{O}(0; \{2^6, 3^4, 4^4, 6^3, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^7, 4^4, 6^3, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^7, 3, 4^6, 6^3, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^4, 4^6, 6^3, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^4, 3, 4^8, 6^3, 12^2\})$	11264
12	$\mathcal{O}(0; \{3^4, 4^8, 6^3, 12^2\})$	87040

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

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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	$\mathcal{O}(0; \{2, 3^6, 6^8, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^6, 4^2, 6^8, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^8, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^3, 4^4, 6^8, 12^2\})$	10944
12	$\mathcal{O}(0; \{4^6, 6^8, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^6, 3, 6^9, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^4, 6^9, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^9, 12^2\})$	10928
12	$\mathcal{O}(0; \{3, 4^4, 6^9, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^2, 6^{10}, 12^2\})$	10924
12	$\mathcal{O}(0; \{3^2, 4^2, 6^{10}, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^4, 6^{11}, 12^2\})$	5460
12	$\mathcal{O}(0; \{3^3, 6^{11}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2, 4^2, 6^{11}, 12^2\})$	21840
12	$\mathcal{O}(0; \{2, 3, 6^{12}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^{19}, 4, 12^3\})$	16
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^9, 4, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^{16}, 4^3, 12^3\})$	64
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^3, 12^3\})$	704
12	$\mathcal{O}(0; \{2^8, 3^6, 4^3, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^9, 4^3, 12^3\})$	43712
12	$\mathcal{O}(0; \{3^{12}, 4^3, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^{13}, 4^5, 12^3\})$	256
12	$\mathcal{O}(0; \{2^9, 3^3, 4^5, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^6, 4^5, 12^3\})$	21760
12	$\mathcal{O}(0; \{2, 3^9, 4^5, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^{10}, 4^7, 12^3\})$	1024
12	$\mathcal{O}(0; \{2^6, 3^3, 4^7, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^6, 4^7, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^7, 4^9, 12^3\})$	4096
12	$\mathcal{O}(0; \{2^3, 3^3, 4^9, 12^3\})$	45056
12	$\mathcal{O}(0; \{2^4, 4^{11}, 12^3\})$	16384
12	$\mathcal{O}(0; \{3^3, 4^{11}, 12^3\})$	180224
12	$\mathcal{O}(0; \{2, 4^{13}, 12^3\})$	65536
12	$\mathcal{O}(0; \{2^{16}, 3, 4, 6, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4, 6, 12^3\})$	688
12	$\mathcal{O}(0; \{2^8, 3^7, 4, 6, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4, 6, 12^3\})$	43696
12	$\mathcal{O}(0; \{3^{13}, 4, 6, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{13}, 3, 4^3, 6, 12^3\})$	320

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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	$\mathcal{O}(0; \{2^9, 3^4, 4^3, 6, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^7, 4^3, 6, 12^3\})$	21824
12	$\mathcal{O}(0; \{2, 3^{10}, 4^3, 6, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^{10}, 3, 4^5, 6, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^4, 4^5, 6, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^7, 4^5, 6, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^7, 3, 4^7, 6, 12^3\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^4, 4^7, 6, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^4, 3, 4^9, 6, 12^3\})$	20480
12	$\mathcal{O}(0; \{3^4, 4^9, 6, 12^3\})$	176128
12	$\mathcal{O}(0; \{2, 3, 4^{11}, 6, 12^3\})$	81920
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4, 6^2, 12^3\})$	336
12	$\mathcal{O}(0; \{2^9, 3^5, 4, 6^2, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^8, 4, 6^2, 12^3\})$	21840
12	$\mathcal{O}(0; \{2, 3^{11}, 4, 6^2, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^3, 6^2, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^5, 4^3, 6^2, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^8, 4^3, 6^2, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^7, 3^2, 4^5, 6^2, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^5, 4^5, 6^2, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^2, 4^7, 6^2, 12^3\})$	21504
12	$\mathcal{O}(0; \{3^5, 4^7, 6^2, 12^3\})$	175104
12	$\mathcal{O}(0; \{2, 3^2, 4^9, 6^2, 12^3\})$	86016
12	$\mathcal{O}(0; \{2^{14}, 4, 6^3, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4, 6^3, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^6, 4, 6^3, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^9, 4, 6^3, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^{11}, 4^3, 6^3, 12^3\})$	704
12	$\mathcal{O}(0; \{2^7, 3^3, 4^3, 6^3, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^6, 4^3, 6^3, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^8, 4^5, 6^3, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^3, 4^5, 6^3, 12^3\})$	21760
12	$\mathcal{O}(0; \{3^6, 4^5, 6^3, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^5, 4^7, 6^3, 12^3\})$	11264
12	$\mathcal{O}(0; \{2, 3^3, 4^7, 6^3, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^2, 4^9, 6^3, 12^3\})$	45056
12	$\mathcal{O}(0; \{2^{11}, 3, 4, 6^4, 12^3\})$	688
12	$\mathcal{O}(0; \{2^7, 3^4, 4, 6^4, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^7, 4, 6^4, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^8, 3, 4^3, 6^4, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^4, 4^3, 6^4, 12^3\})$	21824
12	$\mathcal{O}(0; \{3^7, 4^3, 6^4, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^5, 3, 4^5, 6^4, 12^3\})$	11008

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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	$\mathcal{O}(0; \{2, 3^4, 4^5, 6^4, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^2, 3, 4^7, 6^4, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 6^5, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 6^5, 12^3\})$	21840
12	$\mathcal{O}(0; \{3^8, 4, 6^5, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 6^5, 12^3\})$	10944
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 6^5, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 6^5, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^9, 4, 6^6, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6^6, 12^3\})$	10928
12	$\mathcal{O}(0; \{2, 3^6, 4, 6^6, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^6, 4^3, 6^6, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6^6, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^3, 4^5, 6^6, 12^3\})$	21760
12	$\mathcal{O}(0; \{4^7, 6^6, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^7, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^7, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^7, 12^3\})$	21824
12	$\mathcal{O}(0; \{3, 4^5, 6^7, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^8, 12^3\})$	21840
12	$\mathcal{O}(0; \{3^2, 4^3, 6^8, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^4, 4, 6^9, 12^3\})$	10928
12	$\mathcal{O}(0; \{3^3, 4, 6^9, 12^3\})$	87376
12	$\mathcal{O}(0; \{2, 4^3, 6^9, 12^3\})$	43712
12	$\mathcal{O}(0; \{2, 3, 4, 6^{10}, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^{16}, 3^2, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^5, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^8, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^{11}, 12^4\})$	87376
12	$\mathcal{O}(0; \{3^{14}, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^2, 12^4\})$	704
12	$\mathcal{O}(0; \{2^9, 3^5, 4^2, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^8, 4^2, 12^4\})$	43712
12	$\mathcal{O}(0; \{2, 3^{11}, 4^2, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^4, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^5, 4^4, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^8, 4^4, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^7, 3^2, 4^6, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^5, 4^6, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^2, 4^8, 12^4\})$	45056
12	$\mathcal{O}(0; \{3^5, 4^8, 12^4\})$	348160
12	$\mathcal{O}(0; \{2, 3^2, 4^{10}, 12^4\})$	180224
12	$\mathcal{O}(0; \{2^{17}, 6, 12^4\})$	80

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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	$\mathcal{O}(0; \{2^{13}, 3^3, 6, 12^4\})$	688
12	$\mathcal{O}(0; \{2^9, 3^6, 6, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^9, 6, 12^4\})$	43696
12	$\mathcal{O}(0; \{2, 3^{12}, 6, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{14}, 4^2, 6, 12^4\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^2, 6, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^6, 4^2, 6, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^9, 4^2, 6, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^{11}, 4^4, 6, 12^4\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^3, 4^4, 6, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^6, 4^4, 6, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^8, 4^6, 6, 12^4\})$	5120
12	$\mathcal{O}(0; \{2^4, 3^3, 4^6, 6, 12^4\})$	44032
12	$\mathcal{O}(0; \{3^6, 4^6, 6, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^5, 4^8, 6, 12^4\})$	20480
12	$\mathcal{O}(0; \{2, 3^3, 4^8, 6, 12^4\})$	176128
12	$\mathcal{O}(0; \{2^2, 4^{10}, 6, 12^4\})$	81920
12	$\mathcal{O}(0; \{2^{14}, 3, 6^2, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^4, 6^2, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^7, 6^2, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{10}, 6^2, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^{11}, 3, 4^2, 6^2, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^4, 4^2, 6^2, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^7, 4^2, 6^2, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^8, 3, 4^4, 6^2, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^4, 4^4, 6^2, 12^4\})$	43776
12	$\mathcal{O}(0; \{3^7, 4^4, 6^2, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^5, 3, 4^6, 6^2, 12^4\})$	21504
12	$\mathcal{O}(0; \{2, 3^4, 4^6, 6^2, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^2, 3, 4^8, 6^2, 12^4\})$	86016
12	$\mathcal{O}(0; \{2^{11}, 3^2, 6^3, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^5, 6^3, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^8, 6^3, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 6^3, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 6^3, 12^4\})$	43712
12	$\mathcal{O}(0; \{3^8, 4^2, 6^3, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 6^3, 12^4\})$	21760
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 6^3, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 6^3, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^{12}, 6^4, 12^4\})$	688
12	$\mathcal{O}(0; \{2^8, 3^3, 6^4, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^6, 6^4, 12^4\})$	43696
12	$\mathcal{O}(0; \{3^9, 6^4, 12^4\})$	349520

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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	$\mathcal{O}(0; \{2^9, 4^2, 6^4, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6^4, 12^4\})$	21824
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6^4, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^6, 4^4, 6^4, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6^4, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^3, 4^6, 6^4, 12^4\})$	44032
12	$\mathcal{O}(0; \{4^8, 6^4, 12^4\})$	176128
12	$\mathcal{O}(0; \{2^9, 3, 6^5, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^4, 6^5, 12^4\})$	21840
12	$\mathcal{O}(0; \{2, 3^7, 6^5, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^5, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^5, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^5, 12^4\})$	43776
12	$\mathcal{O}(0; \{3, 4^6, 6^5, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^6, 3^2, 6^6, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^5, 6^6, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^6, 12^4\})$	43712
12	$\mathcal{O}(0; \{3^2, 4^4, 6^6, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^7, 6^7, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^3, 6^7, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^4, 4^2, 6^7, 12^4\})$	21824
12	$\mathcal{O}(0; \{3^3, 4^2, 6^7, 12^4\})$	174784
12	$\mathcal{O}(0; \{2, 4^4, 6^7, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^4, 3, 6^8, 12^4\})$	21840
12	$\mathcal{O}(0; \{3^4, 6^8, 12^4\})$	174768
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^8, 12^4\})$	87360
12	$\mathcal{O}(0; \{2, 3^2, 6^9, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^2, 6^{10}, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^{14}, 3, 4, 12^5\})$	704
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^7, 4, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^{11}, 3, 4^3, 12^5\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^4, 4^3, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^7, 4^3, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^8, 3, 4^5, 12^5\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^4, 4^5, 12^5\})$	87040
12	$\mathcal{O}(0; \{3^7, 4^5, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^5, 3, 4^7, 12^5\})$	45056
12	$\mathcal{O}(0; \{2, 3^4, 4^7, 12^5\})$	348160
12	$\mathcal{O}(0; \{2^2, 3, 4^9, 12^5\})$	180224
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4, 6, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^5, 4, 6, 12^5\})$	21824

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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	$\mathcal{O}(0; \{2^3, 3^8, 4, 6, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^8, 3^2, 4^3, 6, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^5, 4^3, 6, 12^5\})$	87296
12	$\mathcal{O}(0; \{3^8, 4^3, 6, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^5, 3^2, 4^5, 6, 12^5\})$	44032
12	$\mathcal{O}(0; \{2, 3^5, 4^5, 6, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^2, 4^7, 6, 12^5\})$	176128
12	$\mathcal{O}(0; \{2^{12}, 4, 6^2, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^3, 4, 6^2, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^6, 4, 6^2, 12^5\})$	87360
12	$\mathcal{O}(0; \{3^9, 4, 6^2, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^9, 4^3, 6^2, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 6^2, 12^5\})$	43776
12	$\mathcal{O}(0; \{2, 3^6, 4^3, 6^2, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^6, 4^5, 6^2, 12^5\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 6^2, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^3, 4^7, 6^2, 12^5\})$	86016
12	$\mathcal{O}(0; \{4^9, 6^2, 12^5\})$	344064
12	$\mathcal{O}(0; \{2^9, 3, 4, 6^3, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 6^3, 12^5\})$	43712
12	$\mathcal{O}(0; \{2, 3^7, 4, 6^3, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 6^3, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6^3, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 6^3, 12^5\})$	87040
12	$\mathcal{O}(0; \{3, 4^7, 6^3, 12^5\})$	348160
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^4, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^4, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^4, 12^5\})$	87296
12	$\mathcal{O}(0; \{3^2, 4^5, 6^4, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^7, 4, 6^5, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^5, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^4, 4^3, 6^5, 12^5\})$	43776
12	$\mathcal{O}(0; \{3^3, 4^3, 6^5, 12^5\})$	349440
12	$\mathcal{O}(0; \{2, 4^5, 6^5, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^6, 12^5\})$	43712
12	$\mathcal{O}(0; \{3^4, 4, 6^6, 12^5\})$	349504
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^6, 12^5\})$	174848
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^7, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^2, 4, 6^8, 12^5\})$	87360
12	$\mathcal{O}(0; \{2^{15}, 12^6\})$	704
12	$\mathcal{O}(0; \{2^{11}, 3^3, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^9, 12^6\})$	349504

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{12}, 4^2, 12^6\})$	2816
12	$\mathcal{O}(0; \{2^8, 3^3, 4^2, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^6, 4^2, 12^6\})$	174848
12	$\mathcal{O}(0; \{3^9, 4^2, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^9, 4^4, 12^6\})$	11264
12	$\mathcal{O}(0; \{2^5, 3^3, 4^4, 12^6\})$	87040
12	$\mathcal{O}(0; \{2, 3^6, 4^4, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^6, 4^6, 12^6\})$	45056
12	$\mathcal{O}(0; \{2^2, 3^3, 4^6, 12^6\})$	348160
12	$\mathcal{O}(0; \{2^3, 4^8, 12^6\})$	180224
12	$\mathcal{O}(0; \{4^{10}, 12^6\})$	720896
12	$\mathcal{O}(0; \{2^{12}, 3, 6, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^4, 6, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^7, 6, 12^6\})$	174784
12	$\mathcal{O}(0; \{3^{10}, 6, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 6, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 6, 12^6\})$	87296
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 6, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 6, 12^6\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 6, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 6, 12^6\})$	176128
12	$\mathcal{O}(0; \{3, 4^8, 6, 12^6\})$	704512
12	$\mathcal{O}(0; \{2^9, 3^2, 6^2, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^5, 6^2, 12^6\})$	87360
12	$\mathcal{O}(0; \{2, 3^8, 6^2, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6^2, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6^2, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6^2, 12^6\})$	175104
12	$\mathcal{O}(0; \{3^2, 4^6, 6^2, 12^6\})$	700416
12	$\mathcal{O}(0; \{2^{10}, 6^3, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^3, 6^3, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^6, 6^3, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^7, 4^2, 6^3, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^3, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^4, 4^4, 6^3, 12^6\})$	87040
12	$\mathcal{O}(0; \{3^3, 4^4, 6^3, 12^6\})$	699392
12	$\mathcal{O}(0; \{2, 4^6, 6^3, 12^6\})$	348160
12	$\mathcal{O}(0; \{2^7, 3, 6^4, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^4, 6^4, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^4, 12^6\})$	87296
12	$\mathcal{O}(0; \{3^4, 4^2, 6^4, 12^6\})$	699136
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^4, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^4, 3^2, 6^5, 12^6\})$	87360

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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	$\mathcal{O}(0; \{3^5, 6^5, 12^6\})$	699072
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^5, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^5, 6^6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2, 3^3, 6^6, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^2, 4^2, 6^6, 12^6\})$	174848
12	$\mathcal{O}(0; \{2^2, 3, 6^7, 12^6\})$	174784
12	$\mathcal{O}(0; \{6^9, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^9, 3^2, 4, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^5, 4, 12^7\})$	174848
12	$\mathcal{O}(0; \{2, 3^8, 4, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 12^7\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 12^7\})$	699392
12	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 12^7\})$	348160
12	$\mathcal{O}(0; \{3^2, 4^7, 12^7\})$	1392640
12	$\mathcal{O}(0; \{2^{10}, 4, 6, 12^7\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 6, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 6, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^7, 4^3, 6, 12^7\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6, 12^7\})$	349184
12	$\mathcal{O}(0; \{2^4, 4^5, 6, 12^7\})$	176128
12	$\mathcal{O}(0; \{3^3, 4^5, 6, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2, 4^7, 6, 12^7\})$	704512
12	$\mathcal{O}(0; \{2^7, 3, 4, 6^2, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^2, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^2, 12^7\})$	175104
12	$\mathcal{O}(0; \{3^4, 4^3, 6^2, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2, 3, 4^5, 6^2, 12^7\})$	700416
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^3, 12^7\})$	174848
12	$\mathcal{O}(0; \{3^5, 4, 6^3, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^3, 12^7\})$	699392
12	$\mathcal{O}(0; \{2^5, 4, 6^4, 12^7\})$	87296
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^4, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^2, 4^3, 6^4, 12^7\})$	349184
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^5, 12^7\})$	349440
12	$\mathcal{O}(0; \{4, 6^7, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^{10}, 3, 12^8\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^4, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^7, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 12^8\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 12^8\})$	699392
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 12^8\})$	348160
12	$\mathcal{O}(0; \{3^4, 4^4, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2, 3, 4^6, 12^8\})$	1392640

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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	$\mathcal{O}(0; \{2^7, 3^2, 6, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^5, 6, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6, 12^8\})$	349184
12	$\mathcal{O}(0; \{3^5, 4^2, 6, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6, 12^8\})$	1396736
12	$\mathcal{O}(0; \{2^8, 6^2, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^3, 6^2, 12^8\})$	349440
12	$\mathcal{O}(0; \{3^6, 6^2, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^5, 4^2, 6^2, 12^8\})$	175104
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^2, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2^2, 4^4, 6^2, 12^8\})$	700416
12	$\mathcal{O}(0; \{2^5, 3, 6^3, 12^8\})$	174848
12	$\mathcal{O}(0; \{2, 3^4, 6^3, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^3, 12^8\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^2, 6^4, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^3, 6^5, 12^8\})$	349440
12	$\mathcal{O}(0; \{4^2, 6^5, 12^8\})$	1397760
12	$\mathcal{O}(0; \{3, 6^6, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^8, 4, 12^9\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 12^9\})$	699392
12	$\mathcal{O}(0; \{3^6, 4, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^5, 4^3, 12^9\})$	348160
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 12^9\})$	2797568
12	$\mathcal{O}(0; \{2^2, 4^5, 12^9\})$	1392640
12	$\mathcal{O}(0; \{2^5, 3, 4, 6, 12^9\})$	349184
12	$\mathcal{O}(0; \{2, 3^4, 4, 6, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6, 12^9\})$	1396736
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^2, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^3, 4, 6^3, 12^9\})$	699392
12	$\mathcal{O}(0; \{4^3, 6^3, 12^9\})$	2797568
12	$\mathcal{O}(0; \{3, 4, 6^4, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2^5, 3^2, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{2, 3^5, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{2^6, 6, 12^{10}\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^3, 6, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2^3, 4^2, 6, 12^{10}\})$	1396736
12	$\mathcal{O}(0; \{4^4, 6, 12^{10}\})$	5586944
12	$\mathcal{O}(0; \{2^3, 3, 6^2, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{3, 4^2, 6^2, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{3^2, 6^3, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2, 6^4, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2^3, 3, 4, 12^{11}\})$	2797568

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{3, 4^3, 12^{11}\})$	11190272
12	$\mathcal{O}(0; \{3^2, 4, 6, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{2, 4, 6^2, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{2^4, 12^{12}\})$	2797568
12	$\mathcal{O}(0; \{3^3, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{2, 4^2, 12^{12}\})$	11190272
12	$\mathcal{O}(0; \{2, 3, 6, 12^{12}\})$	11186176
13	$\mathcal{O}(1; \{13^{11}\})$	9659108818788
14	$\mathcal{O}(4; \{7^4\})$	273424511430
14	$\mathcal{O}(3; \{2^4, 7^4\})$	1400493696
14	$\mathcal{O}(3; \{2^2, 7^3, 14^2\})$	8357784960
14	$\mathcal{O}(3; \{7^2, 14^4\})$	50191886976
14	$\mathcal{O}(2; \{2^8, 7^4\})$	7145376
14	$\mathcal{O}(2; \{2, 7^7, 14\})$	9217765536
14	$\mathcal{O}(2; \{2^6, 7^3, 14^2\})$	42641760
14	$\mathcal{O}(2; \{2^4, 7^2, 14^4\})$	256081056
14	$\mathcal{O}(2; \{2^2, 7, 14^6\})$	1536255840
14	$\mathcal{O}(2; \{14^8\})$	9217765536
14	$\mathcal{O}(1; \{2^{12}, 7^4\})$	36456
14	$\mathcal{O}(1; \{7^{11}\})$	7618738050
14	$\mathcal{O}(1; \{2^5, 7^7, 14\})$	47029416
14	$\mathcal{O}(1; \{2^{10}, 7^3, 14^2\})$	217560
14	$\mathcal{O}(1; \{2^3, 7^6, 14^3\})$	282175320
14	$\mathcal{O}(1; \{2^8, 7^2, 14^4\})$	1306536
14	$\mathcal{O}(1; \{2, 7^5, 14^5\})$	1693053096
14	$\mathcal{O}(1; \{2^6, 7, 14^6\})$	7838040
14	$\mathcal{O}(1; \{2^4, 14^8\})$	47029416
14	$\mathcal{O}(0; \{2^{16}, 7^4\})$	186
14	$\mathcal{O}(0; \{2^4, 7^{11}\})$	51828150
14	$\mathcal{O}(0; \{2^9, 7^7, 14\})$	239946
14	$\mathcal{O}(0; \{2^{14}, 7^3, 14^2\})$	1110
14	$\mathcal{O}(0; \{2^2, 7^{10}, 14^2\})$	310968906
14	$\mathcal{O}(0; \{2^7, 7^6, 14^3\})$	1439670
14	$\mathcal{O}(0; \{2^{12}, 7^2, 14^4\})$	6666
14	$\mathcal{O}(0; \{7^9, 14^4\})$	1865813430
14	$\mathcal{O}(0; \{2^5, 7^5, 14^5\})$	8638026
14	$\mathcal{O}(0; \{2^{10}, 7, 14^6\})$	39990
14	$\mathcal{O}(0; \{2^3, 7^4, 14^7\})$	51828150
14	$\mathcal{O}(0; \{2^8, 14^8\})$	239946
14	$\mathcal{O}(0; \{2, 7^3, 14^9\})$	310968906
15	$\mathcal{O}(4; \{15^3\})$	61509375000
15	$\mathcal{O}(3; \{5^6\})$	9327500000
15	$\mathcal{O}(3; \{3, 5^4, 15\})$	4647375000

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(3; \{3^2, 5^2, 15^2\})$	3553875000
15	$\mathcal{O}(3; \{3^3, 15^3\})$	3007125000
15	$\mathcal{O}(2; \{3^3, 5^6\})$	83025000
15	$\mathcal{O}(2; \{3^4, 5^4, 15\})$	103275000
15	$\mathcal{O}(2; \{3^5, 5^2, 15^2\})$	110565000
15	$\mathcal{O}(2; \{3^6, 15^3\})$	103275000
15	$\mathcal{O}(2; \{5^5, 15^3\})$	1327185000
15	$\mathcal{O}(2; \{3, 5^3, 15^4\})$	1658475000
15	$\mathcal{O}(2; \{3^2, 5, 15^5\})$	1743525000
15	$\mathcal{O}(1; \{3^6, 5^6\})$	4059000
15	$\mathcal{O}(1; \{5^{11}\})$	167772000
15	$\mathcal{O}(1; \{3^7, 5^4, 15\})$	3947400
15	$\mathcal{O}(1; \{3, 5^9, 15\})$	94372200
15	$\mathcal{O}(1; \{3^8, 5^2, 15^2\})$	4001400
15	$\mathcal{O}(1; \{3^2, 5^7, 15^2\})$	70777800
15	$\mathcal{O}(1; \{3^9, 15^3\})$	3688200
15	$\mathcal{O}(1; \{3^3, 5^5, 15^3\})$	64884600
15	$\mathcal{O}(1; \{3^4, 5^3, 15^4\})$	63390600
15	$\mathcal{O}(1; \{3^5, 5, 15^5\})$	63099000
15	$\mathcal{O}(1; \{5^4, 15^6\})$	1038094200
15	$\mathcal{O}(1; \{3, 5^2, 15^7\})$	1014481800
15	$\mathcal{O}(1; \{3^2, 15^8\})$	1008660600
15	$\mathcal{O}(0; \{3^9, 5^6\})$	139400
15	$\mathcal{O}(0; \{3^3, 5^{11}\})$	1677720
15	$\mathcal{O}(0; \{3^{10}, 5^4, 15\})$	139128
15	$\mathcal{O}(0; \{3^4, 5^9, 15\})$	2097160
15	$\mathcal{O}(0; \{3^{11}, 5^2, 15^2\})$	141960
15	$\mathcal{O}(0; \{3^5, 5^7, 15^2\})$	2201976
15	$\mathcal{O}(0; \{3^{12}, 15^3\})$	131064
15	$\mathcal{O}(0; \{3^6, 5^5, 15^3\})$	2228360
15	$\mathcal{O}(0; \{5^{10}, 15^3\})$	26843544
15	$\mathcal{O}(0; \{3^7, 5^3, 15^4\})$	2234232
15	$\mathcal{O}(0; \{3, 5^8, 15^4\})$	33554440
15	$\mathcal{O}(0; \{3^8, 5, 15^5\})$	2238600
15	$\mathcal{O}(0; \{3^2, 5^6, 15^5\})$	35232120
15	$\mathcal{O}(0; \{3^3, 5^4, 15^6\})$	35651720
15	$\mathcal{O}(0; \{3^4, 5^2, 15^7\})$	35755896
15	$\mathcal{O}(0; \{3^5, 15^8\})$	35784840
15	$\mathcal{O}(0; \{5^3, 15^9\})$	570425480
15	$\mathcal{O}(0; \{3, 5, 15^{10}\})$	572102520
16	$\mathcal{O}(4; \{2, 8^2\})$	17112760320
16	$\mathcal{O}(3; \{2^5, 8^2\})$	66060288
16	$\mathcal{O}(3; \{2^2, 4^2, 8^2\})$	264241152

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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	$\mathcal{O}(3; \{4, 8^4\})$	2113929216
16	$\mathcal{O}(3; \{2^3, 8, 16^2\})$	536870912
16	$\mathcal{O}(3; \{4^2, 8, 16^2\})$	2147483648
16	$\mathcal{O}(3; \{2, 16^4\})$	8589934592
16	$\mathcal{O}(2; \{2^9, 8^2\})$	245760
16	$\mathcal{O}(2; \{2^6, 4^2, 8^2\})$	983040
16	$\mathcal{O}(2; \{2^3, 4^4, 8^2\})$	3932160
16	$\mathcal{O}(2; \{4^6, 8^2\})$	15728640
16	$\mathcal{O}(2; \{2^4, 4, 8^4\})$	7864320
16	$\mathcal{O}(2; \{2, 4^3, 8^4\})$	31457280
16	$\mathcal{O}(2; \{2^2, 8^6\})$	62914560
16	$\mathcal{O}(2; \{2^7, 8, 16^2\})$	2097152
16	$\mathcal{O}(2; \{2^4, 4^2, 8, 16^2\})$	8388608
16	$\mathcal{O}(2; \{2, 4^4, 8, 16^2\})$	33554432
16	$\mathcal{O}(2; \{2^2, 4, 8^3, 16^2\})$	67108864
16	$\mathcal{O}(2; \{8^5, 16^2\})$	536870912
16	$\mathcal{O}(2; \{2^5, 16^4\})$	33554432
16	$\mathcal{O}(2; \{2^2, 4^2, 16^4\})$	134217728
16	$\mathcal{O}(2; \{4, 8^2, 16^4\})$	1073741824
16	$\mathcal{O}(1; \{2^{13}, 8^2\})$	768
16	$\mathcal{O}(1; \{2^{10}, 4^2, 8^2\})$	3072
16	$\mathcal{O}(1; \{2^7, 4^4, 8^2\})$	12288
16	$\mathcal{O}(1; \{2^4, 4^6, 8^2\})$	49152
16	$\mathcal{O}(1; \{2, 4^8, 8^2\})$	196608
16	$\mathcal{O}(1; \{2^8, 4, 8^4\})$	24576
16	$\mathcal{O}(1; \{2^5, 4^3, 8^4\})$	98304
16	$\mathcal{O}(1; \{2^2, 4^5, 8^4\})$	393216
16	$\mathcal{O}(1; \{2^6, 8^6\})$	196608
16	$\mathcal{O}(1; \{2^3, 4^2, 8^6\})$	786432
16	$\mathcal{O}(1; \{4^4, 8^6\})$	3145728
16	$\mathcal{O}(1; \{2, 4, 8^8\})$	6291456
16	$\mathcal{O}(1; \{2^{11}, 8, 16^2\})$	8192
16	$\mathcal{O}(1; \{2^8, 4^2, 8, 16^2\})$	32768
16	$\mathcal{O}(1; \{2^5, 4^4, 8, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^2, 4^6, 8, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^6, 4, 8^3, 16^2\})$	262144
16	$\mathcal{O}(1; \{2^3, 4^3, 8^3, 16^2\})$	1048576
16	$\mathcal{O}(1; \{4^5, 8^3, 16^2\})$	4194304
16	$\mathcal{O}(1; \{2^4, 8^5, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2, 4^2, 8^5, 16^2\})$	8388608
16	$\mathcal{O}(1; \{2^9, 16^4\})$	131072
16	$\mathcal{O}(1; \{2^6, 4^2, 16^4\})$	524288
16	$\mathcal{O}(1; \{2^3, 4^4, 16^4\})$	2097152

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Table 7 – continued from previous page

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

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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	$\mathcal{O}(0; \{8, 16^{10}\})$	536870912
17	$\mathcal{O}(3; \{17^4\})$	93074466064
18	$\mathcal{O}(4; \{3^2\})$	21950481600
18	$\mathcal{O}(3; \{2^4, 3^2\})$	67931136
18	$\mathcal{O}(3; \{3^5\})$	334348560
18	$\mathcal{O}(3; \{2, 3^3, 6\})$	203793408
18	$\mathcal{O}(3; \{2^2, 3, 6^2\})$	67931136
18	$\mathcal{O}(3; \{6^4\})$	203793408
18	$\mathcal{O}(3; \{3, 9^3\})$	1205308188
18	$\mathcal{O}(3; \{2^3, 9, 18\})$	204073344
18	$\mathcal{O}(3; \{3, 6, 9, 18\})$	816293376
18	$\mathcal{O}(3; \{2, 18^3\})$	612220032
18	$\mathcal{O}(2; \{2^8, 3^2\})$	207360
18	$\mathcal{O}(2; \{2^4, 3^5\})$	1036800
18	$\mathcal{O}(2; \{3^8\})$	8359200
18	$\mathcal{O}(2; \{2^5, 3^3, 6\})$	622080
18	$\mathcal{O}(2; \{2, 3^6, 6\})$	4354560
18	$\mathcal{O}(2; \{2^6, 3, 6^2\})$	207360
18	$\mathcal{O}(2; \{2^2, 3^4, 6^2\})$	2280960
18	$\mathcal{O}(2; \{2^3, 3^2, 6^3\})$	1036800
18	$\mathcal{O}(2; \{2^4, 6^4\})$	622080
18	$\mathcal{O}(2; \{3^3, 6^4\})$	4354560
18	$\mathcal{O}(2; \{2, 3, 6^5\})$	2280960
18	$\mathcal{O}(2; \{2^4, 3, 9^3\})$	3779136
18	$\mathcal{O}(2; \{3^4, 9^3\})$	28343520
18	$\mathcal{O}(2; \{2, 3^2, 6, 9^3\})$	15116544
18	$\mathcal{O}(2; \{2^2, 6^2, 9^3\})$	7558272
18	$\mathcal{O}(2; \{9^6\})$	526126590
18	$\mathcal{O}(2; \{2^7, 9, 18\})$	629856
18	$\mathcal{O}(2; \{2^3, 3^3, 9, 18\})$	5038848
18	$\mathcal{O}(2; \{2^4, 3, 6, 9, 18\})$	2519424
18	$\mathcal{O}(2; \{3^4, 6, 9, 18\})$	20155392
18	$\mathcal{O}(2; \{2, 3^2, 6^2, 9, 18\})$	10077696
18	$\mathcal{O}(2; \{2^2, 6^3, 9, 18\})$	5038848
18	$\mathcal{O}(2; \{6, 9^4, 18\})$	170061120
18	$\mathcal{O}(2; \{2^2, 3, 9^2, 18^2\})$	34012224
18	$\mathcal{O}(2; \{6^2, 9^2, 18^2\})$	68024448
18	$\mathcal{O}(2; \{2^5, 18^3\})$	1889568
18	$\mathcal{O}(2; \{2, 3^3, 18^3\})$	15116544
18	$\mathcal{O}(2; \{2^2, 3, 6, 18^3\})$	7558272
18	$\mathcal{O}(2; \{6^3, 18^3\})$	15116544
18	$\mathcal{O}(2; \{3, 9, 18^4\})$	170061120
18	$\mathcal{O}(1; \{2^{12}, 3^2\})$	576

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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	$\mathcal{O}(1; \{2^8, 3^5\})$	2880
18	$\mathcal{O}(1; \{2^4, 3^8\})$	24768
18	$\mathcal{O}(1; \{3^{11}\})$	147312
18	$\mathcal{O}(1; \{2^9, 3^3, 6\})$	1728
18	$\mathcal{O}(1; \{2^5, 3^6, 6\})$	12096
18	$\mathcal{O}(1; \{2, 3^9, 6\})$	98496
18	$\mathcal{O}(1; \{2^{10}, 3, 6^2\})$	576
18	$\mathcal{O}(1; \{2^6, 3^4, 6^2\})$	6336
18	$\mathcal{O}(1; \{2^2, 3^7, 6^2\})$	48960
18	$\mathcal{O}(1; \{2^7, 3^2, 6^3\})$	2880
18	$\mathcal{O}(1; \{2^3, 3^5, 6^3\})$	24768
18	$\mathcal{O}(1; \{2^8, 6^4\})$	1728
18	$\mathcal{O}(1; \{2^4, 3^3, 6^4\})$	12096
18	$\mathcal{O}(1; \{3^6, 6^4\})$	98496
18	$\mathcal{O}(1; \{2^5, 3, 6^5\})$	6336
18	$\mathcal{O}(1; \{2, 3^4, 6^5\})$	48960
18	$\mathcal{O}(1; \{2^2, 3^2, 6^6\})$	24768
18	$\mathcal{O}(1; \{2^3, 6^7\})$	12096
18	$\mathcal{O}(1; \{3, 6^8\})$	48960
18	$\mathcal{O}(1; \{2^8, 3, 9^3\})$	11664
18	$\mathcal{O}(1; \{2^4, 3^4, 9^3\})$	93312
18	$\mathcal{O}(1; \{3^7, 9^3\})$	559872
18	$\mathcal{O}(1; \{2^5, 3^2, 6, 9^3\})$	46656
18	$\mathcal{O}(1; \{2, 3^5, 6, 9^3\})$	373248
18	$\mathcal{O}(1; \{2^6, 6^2, 9^3\})$	23328
18	$\mathcal{O}(1; \{2^2, 3^3, 6^2, 9^3\})$	186624
18	$\mathcal{O}(1; \{2^3, 3, 6^3, 9^3\})$	93312
18	$\mathcal{O}(1; \{3^2, 6^4, 9^3\})$	373248
18	$\mathcal{O}(1; \{2, 6^5, 9^3\})$	186624
18	$\mathcal{O}(1; \{2^4, 9^6\})$	1732104
18	$\mathcal{O}(1; \{3^3, 9^6\})$	10392624
18	$\mathcal{O}(1; \{2, 3, 6, 9^6\})$	6928416
18	$\mathcal{O}(1; \{2^{11}, 9, 18\})$	1944
18	$\mathcal{O}(1; \{2^7, 3^3, 9, 18\})$	15552
18	$\mathcal{O}(1; \{2^3, 3^6, 9, 18\})$	124416
18	$\mathcal{O}(1; \{2^8, 3, 6, 9, 18\})$	7776
18	$\mathcal{O}(1; \{2^4, 3^4, 6, 9, 18\})$	62208
18	$\mathcal{O}(1; \{3^7, 6, 9, 18\})$	497664
18	$\mathcal{O}(1; \{2^5, 3^2, 6^2, 9, 18\})$	31104
18	$\mathcal{O}(1; \{2, 3^5, 6^2, 9, 18\})$	248832
18	$\mathcal{O}(1; \{2^6, 6^3, 9, 18\})$	15552
18	$\mathcal{O}(1; \{2^2, 3^3, 6^3, 9, 18\})$	124416
18	$\mathcal{O}(1; \{2^3, 3, 6^4, 9, 18\})$	62208

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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	$\mathcal{O}(1; \{3^2, 6^5, 9, 18\})$	248832
18	$\mathcal{O}(1; \{2, 6^6, 9, 18\})$	124416
18	$\mathcal{O}(1; \{2^3, 3^2, 9^4, 18\})$	1049760
18	$\mathcal{O}(1; \{2^4, 6, 9^4, 18\})$	524880
18	$\mathcal{O}(1; \{3^3, 6, 9^4, 18\})$	4199040
18	$\mathcal{O}(1; \{2, 3, 6^2, 9^4, 18\})$	2099520
18	$\mathcal{O}(1; \{2^6, 3, 9^2, 18^2\})$	104976
18	$\mathcal{O}(1; \{2^2, 3^4, 9^2, 18^2\})$	839808
18	$\mathcal{O}(1; \{2^3, 3^2, 6, 9^2, 18^2\})$	419904
18	$\mathcal{O}(1; \{2^4, 6^2, 9^2, 18^2\})$	209952
18	$\mathcal{O}(1; \{3^3, 6^2, 9^2, 18^2\})$	1679616
18	$\mathcal{O}(1; \{2, 3, 6^3, 9^2, 18^2\})$	839808
18	$\mathcal{O}(1; \{2^2, 9^5, 18^2\})$	9920232
18	$\mathcal{O}(1; \{2^9, 18^3\})$	5832
18	$\mathcal{O}(1; \{2^5, 3^3, 18^3\})$	46656
18	$\mathcal{O}(1; \{2, 3^6, 18^3\})$	373248
18	$\mathcal{O}(1; \{2^6, 3, 6, 18^3\})$	23328
18	$\mathcal{O}(1; \{2^2, 3^4, 6, 18^3\})$	186624
18	$\mathcal{O}(1; \{2^3, 3^2, 6^2, 18^3\})$	93312
18	$\mathcal{O}(1; \{2^4, 6^3, 18^3\})$	46656
18	$\mathcal{O}(1; \{3^3, 6^3, 18^3\})$	373248
18	$\mathcal{O}(1; \{2, 3, 6^4, 18^3\})$	186624
18	$\mathcal{O}(1; \{2, 3^2, 9^3, 18^3\})$	6928416
18	$\mathcal{O}(1; \{2^2, 6, 9^3, 18^3\})$	3464208
18	$\mathcal{O}(1; \{2^4, 3, 9, 18^4\})$	524880
18	$\mathcal{O}(1; \{3^4, 9, 18^4\})$	4199040
18	$\mathcal{O}(1; \{2, 3^2, 6, 9, 18^4\})$	2099520
18	$\mathcal{O}(1; \{2^2, 6^2, 9, 18^4\})$	1049760
18	$\mathcal{O}(1; \{9^4, 18^4\})$	60938568
18	$\mathcal{O}(1; \{6, 9^2, 18^5\})$	19840464
18	$\mathcal{O}(1; \{2^2, 3, 18^6\})$	3464208
18	$\mathcal{O}(1; \{6^2, 18^6\})$	6928416
18	$\mathcal{O}(0; \{2^{12}, 3, 9^3\})$	36
18	$\mathcal{O}(0; \{2^8, 3^4, 9^3\})$	288
18	$\mathcal{O}(0; \{2^4, 3^7, 9^3\})$	2304
18	$\mathcal{O}(0; \{2^9, 3^2, 6, 9^3\})$	144
18	$\mathcal{O}(0; \{2^5, 3^5, 6, 9^3\})$	1152
18	$\mathcal{O}(0; \{2, 3^8, 6, 9^3\})$	9216
18	$\mathcal{O}(0; \{2^{10}, 6^2, 9^3\})$	72
18	$\mathcal{O}(0; \{2^6, 3^3, 6^2, 9^3\})$	576
18	$\mathcal{O}(0; \{2^2, 3^6, 6^2, 9^3\})$	4608
18	$\mathcal{O}(0; \{2^7, 3, 6^3, 9^3\})$	288
18	$\mathcal{O}(0; \{2^3, 3^4, 6^3, 9^3\})$	2304

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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	$\mathcal{O}(0; \{2^4, 3^2, 6^4, 9^3\})$	1152
18	$\mathcal{O}(0; \{3^5, 6^4, 9^3\})$	9216
18	$\mathcal{O}(0; \{2^5, 6^5, 9^3\})$	576
18	$\mathcal{O}(0; \{2, 3^3, 6^5, 9^3\})$	4608
18	$\mathcal{O}(0; \{2^2, 3, 6^6, 9^3\})$	2304
18	$\mathcal{O}(0; \{6^8, 9^3\})$	4608
18	$\mathcal{O}(0; \{2^8, 9^6\})$	5346
18	$\mathcal{O}(0; \{2^4, 3^3, 9^6\})$	42768
18	$\mathcal{O}(0; \{2^5, 3, 6, 9^6\})$	21384
18	$\mathcal{O}(0; \{2, 3^4, 6, 9^6\})$	171072
18	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 9^6\})$	85536
18	$\mathcal{O}(0; \{2^3, 6^3, 9^6\})$	42768
18	$\mathcal{O}(0; \{3, 6^4, 9^6\})$	171072
18	$\mathcal{O}(0; \{2, 6, 9^9\})$	2230740
18	$\mathcal{O}(0; \{2^{15}, 9, 18\})$	6
18	$\mathcal{O}(0; \{2^{11}, 3^3, 9, 18\})$	48
18	$\mathcal{O}(0; \{2^7, 3^6, 9, 18\})$	384
18	$\mathcal{O}(0; \{2^3, 3^9, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2^{12}, 3, 6, 9, 18\})$	24
18	$\mathcal{O}(0; \{2^8, 3^4, 6, 9, 18\})$	192
18	$\mathcal{O}(0; \{2^4, 3^7, 6, 9, 18\})$	1536
18	$\mathcal{O}(0; \{3^{10}, 6, 9, 18\})$	12288
18	$\mathcal{O}(0; \{2^9, 3^2, 6^2, 9, 18\})$	96
18	$\mathcal{O}(0; \{2^5, 3^5, 6^2, 9, 18\})$	768
18	$\mathcal{O}(0; \{2, 3^8, 6^2, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^{10}, 6^3, 9, 18\})$	48
18	$\mathcal{O}(0; \{2^6, 3^3, 6^3, 9, 18\})$	384
18	$\mathcal{O}(0; \{2^2, 3^6, 6^3, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2^7, 3, 6^4, 9, 18\})$	192
18	$\mathcal{O}(0; \{2^3, 3^4, 6^4, 9, 18\})$	1536
18	$\mathcal{O}(0; \{2^4, 3^2, 6^5, 9, 18\})$	768
18	$\mathcal{O}(0; \{3^5, 6^5, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^5, 6^6, 9, 18\})$	384
18	$\mathcal{O}(0; \{2, 3^3, 6^6, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2^2, 3, 6^7, 9, 18\})$	1536
18	$\mathcal{O}(0; \{6^9, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2^7, 3^2, 9^4, 18\})$	3240
18	$\mathcal{O}(0; \{2^3, 3^5, 9^4, 18\})$	25920
18	$\mathcal{O}(0; \{2^8, 6, 9^4, 18\})$	1620
18	$\mathcal{O}(0; \{2^4, 3^3, 6, 9^4, 18\})$	12960
18	$\mathcal{O}(0; \{3^6, 6, 9^4, 18\})$	103680
18	$\mathcal{O}(0; \{2^5, 3, 6^2, 9^4, 18\})$	6480
18	$\mathcal{O}(0; \{2, 3^4, 6^2, 9^4, 18\})$	51840

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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	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 9^4, 18\})$	25920
18	$\mathcal{O}(0; \{2^3, 6^4, 9^4, 18\})$	12960
18	$\mathcal{O}(0; \{3, 6^5, 9^4, 18\})$	51840
18	$\mathcal{O}(0; \{2^3, 3, 9^7, 18\})$	376164
18	$\mathcal{O}(0; \{3^2, 6, 9^7, 18\})$	1504656
18	$\mathcal{O}(0; \{2, 6^2, 9^7, 18\})$	752328
18	$\mathcal{O}(0; \{2^{10}, 3, 9^2, 18^2\})$	324
18	$\mathcal{O}(0; \{2^6, 3^4, 9^2, 18^2\})$	2592
18	$\mathcal{O}(0; \{2^2, 3^7, 9^2, 18^2\})$	20736
18	$\mathcal{O}(0; \{2^7, 3^2, 6, 9^2, 18^2\})$	1296
18	$\mathcal{O}(0; \{2^3, 3^5, 6, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{2^8, 6^2, 9^2, 18^2\})$	648
18	$\mathcal{O}(0; \{2^4, 3^3, 6^2, 9^2, 18^2\})$	5184
18	$\mathcal{O}(0; \{3^6, 6^2, 9^2, 18^2\})$	41472
18	$\mathcal{O}(0; \{2^5, 3, 6^3, 9^2, 18^2\})$	2592
18	$\mathcal{O}(0; \{2, 3^4, 6^3, 9^2, 18^2\})$	20736
18	$\mathcal{O}(0; \{2^2, 3^2, 6^4, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{2^3, 6^5, 9^2, 18^2\})$	5184
18	$\mathcal{O}(0; \{3, 6^6, 9^2, 18^2\})$	20736
18	$\mathcal{O}(0; \{2^6, 9^5, 18^2\})$	30618
18	$\mathcal{O}(0; \{2^2, 3^3, 9^5, 18^2\})$	244944
18	$\mathcal{O}(0; \{2^3, 3, 6, 9^5, 18^2\})$	122472
18	$\mathcal{O}(0; \{3^2, 6^2, 9^5, 18^2\})$	489888
18	$\mathcal{O}(0; \{2, 6^3, 9^5, 18^2\})$	244944
18	$\mathcal{O}(0; \{2^{13}, 18^3\})$	18
18	$\mathcal{O}(0; \{2^9, 3^3, 18^3\})$	144
18	$\mathcal{O}(0; \{2^5, 3^6, 18^3\})$	1152
18	$\mathcal{O}(0; \{2, 3^9, 18^3\})$	9216
18	$\mathcal{O}(0; \{2^{10}, 3, 6, 18^3\})$	72
18	$\mathcal{O}(0; \{2^6, 3^4, 6, 18^3\})$	576
18	$\mathcal{O}(0; \{2^2, 3^7, 6, 18^3\})$	4608
18	$\mathcal{O}(0; \{2^7, 3^2, 6^2, 18^3\})$	288
18	$\mathcal{O}(0; \{2^3, 3^5, 6^2, 18^3\})$	2304
18	$\mathcal{O}(0; \{2^8, 6^3, 18^3\})$	144
18	$\mathcal{O}(0; \{2^4, 3^3, 6^3, 18^3\})$	1152
18	$\mathcal{O}(0; \{3^6, 6^3, 18^3\})$	9216
18	$\mathcal{O}(0; \{2^5, 3, 6^4, 18^3\})$	576
18	$\mathcal{O}(0; \{2, 3^4, 6^4, 18^3\})$	4608
18	$\mathcal{O}(0; \{2^2, 3^2, 6^5, 18^3\})$	2304
18	$\mathcal{O}(0; \{2^3, 6^6, 18^3\})$	1152
18	$\mathcal{O}(0; \{3, 6^7, 18^3\})$	4608
18	$\mathcal{O}(0; \{2^5, 3^2, 9^3, 18^3\})$	21384
18	$\mathcal{O}(0; \{2, 3^5, 9^3, 18^3\})$	171072

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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	$\mathcal{O}(0; \{2^6, 6, 9^3, 18^3\})$	10692
18	$\mathcal{O}(0; \{2^2, 3^3, 6, 9^3, 18^3\})$	85536
18	$\mathcal{O}(0; \{2^3, 3, 6^2, 9^3, 18^3\})$	42768
18	$\mathcal{O}(0; \{3^2, 6^3, 9^3, 18^3\})$	171072
18	$\mathcal{O}(0; \{2, 6^4, 9^3, 18^3\})$	85536
18	$\mathcal{O}(0; \{2, 3, 9^6, 18^3\})$	2230740
18	$\mathcal{O}(0; \{2^8, 3, 9, 18^4\})$	1620
18	$\mathcal{O}(0; \{2^4, 3^4, 9, 18^4\})$	12960
18	$\mathcal{O}(0; \{3^7, 9, 18^4\})$	103680
18	$\mathcal{O}(0; \{2^5, 3^2, 6, 9, 18^4\})$	6480
18	$\mathcal{O}(0; \{2, 3^5, 6, 9, 18^4\})$	51840
18	$\mathcal{O}(0; \{2^6, 6^2, 9, 18^4\})$	3240
18	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 9, 18^4\})$	25920
18	$\mathcal{O}(0; \{2^3, 3, 6^3, 9, 18^4\})$	12960
18	$\mathcal{O}(0; \{3^2, 6^4, 9, 18^4\})$	51840
18	$\mathcal{O}(0; \{2, 6^5, 9, 18^4\})$	25920
18	$\mathcal{O}(0; \{2^4, 9^4, 18^4\})$	188082
18	$\mathcal{O}(0; \{3^3, 9^4, 18^4\})$	1504656
18	$\mathcal{O}(0; \{2, 3, 6, 9^4, 18^4\})$	752328
18	$\mathcal{O}(0; \{2^3, 3^2, 9^2, 18^5\})$	122472
18	$\mathcal{O}(0; \{2^4, 6, 9^2, 18^5\})$	61236
18	$\mathcal{O}(0; \{3^3, 6, 9^2, 18^5\})$	489888
18	$\mathcal{O}(0; \{2, 3, 6^2, 9^2, 18^5\})$	244944
18	$\mathcal{O}(0; \{2^6, 3, 18^6\})$	10692
18	$\mathcal{O}(0; \{2^2, 3^4, 18^6\})$	85536
18	$\mathcal{O}(0; \{2^3, 3^2, 6, 18^6\})$	42768
18	$\mathcal{O}(0; \{2^4, 6^2, 18^6\})$	21384
18	$\mathcal{O}(0; \{3^3, 6^2, 18^6\})$	171072
18	$\mathcal{O}(0; \{2, 3, 6^3, 18^6\})$	85536
18	$\mathcal{O}(0; \{2^2, 9^3, 18^6\})$	1115370
18	$\mathcal{O}(0; \{2, 3^2, 9, 18^7\})$	752328
18	$\mathcal{O}(0; \{2^2, 6, 9, 18^7\})$	376164
18	$\mathcal{O}(0; \{9^2, 18^8\})$	6731586
18	$\mathcal{O}(0; \{6, 18^9\})$	2230740
20	$\mathcal{O}(3; \{2^2, 5^2\})$	252000000
20	$\mathcal{O}(3; \{5, 10^2\})$	756000000
20	$\mathcal{O}(3; \{4, 10, 20\})$	512000000
20	$\mathcal{O}(2; \{2^6, 5^2\})$	600000
20	$\mathcal{O}(2; \{2^3, 4^2, 5^2\})$	1280000
20	$\mathcal{O}(2; \{4^4, 5^2\})$	5120000
20	$\mathcal{O}(2; \{2, 5^4, 10\})$	30600000
20	$\mathcal{O}(2; \{2^4, 5, 10^2\})$	1800000
20	$\mathcal{O}(2; \{2, 4^2, 5, 10^2\})$	3840000

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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	$\mathcal{O}(2; \{2^2, 10^4\})$	7800000
20	$\mathcal{O}(2; \{2, 4, 5^3, 20\})$	16640000
20	$\mathcal{O}(2; \{2^4, 4, 10, 20\})$	1280000
20	$\mathcal{O}(2; \{2, 4^3, 10, 20\})$	5120000
20	$\mathcal{O}(2; \{2^2, 5, 10, 20^2\})$	16640000
20	$\mathcal{O}(2; \{10^3, 20^2\})$	65280000
20	$\mathcal{O}(2; \{2^2, 4, 20^3\})$	15360000
20	$\mathcal{O}(2; \{5, 20^4\})$	261120000
20	$\mathcal{O}(1; \{2^{10}, 5^2\})$	1200
20	$\mathcal{O}(1; \{2^7, 4^2, 5^2\})$	3200
20	$\mathcal{O}(1; \{2^4, 4^4, 5^2\})$	12800
20	$\mathcal{O}(1; \{2, 4^6, 5^2\})$	51200
20	$\mathcal{O}(1; \{2^2, 5^7\})$	982800
20	$\mathcal{O}(1; \{2^5, 5^4, 10\})$	61200
20	$\mathcal{O}(1; \{2^2, 4^2, 5^4, 10\})$	163200
20	$\mathcal{O}(1; \{2^8, 5, 10^2\})$	3600
20	$\mathcal{O}(1; \{2^5, 4^2, 5, 10^2\})$	9600
20	$\mathcal{O}(1; \{2^2, 4^4, 5, 10^2\})$	38400
20	$\mathcal{O}(1; \{5^6, 10^2\})$	3932400
20	$\mathcal{O}(1; \{2^3, 5^3, 10^3\})$	246000
20	$\mathcal{O}(1; \{4^2, 5^3, 10^3\})$	656000
20	$\mathcal{O}(1; \{2^6, 10^4\})$	15600
20	$\mathcal{O}(1; \{2^3, 4^2, 10^4\})$	41600
20	$\mathcal{O}(1; \{4^4, 10^4\})$	166400
20	$\mathcal{O}(1; \{2, 5^2, 10^5\})$	982800
20	$\mathcal{O}(1; \{2^5, 4, 5^3, 20\})$	41600
20	$\mathcal{O}(1; \{2^2, 4^3, 5^3, 20\})$	166400
20	$\mathcal{O}(1; \{2^8, 4, 10, 20\})$	3200
20	$\mathcal{O}(1; \{2^5, 4^3, 10, 20\})$	12800
20	$\mathcal{O}(1; \{2^2, 4^5, 10, 20\})$	51200
20	$\mathcal{O}(1; \{4, 5^5, 10, 20\})$	2620800
20	$\mathcal{O}(1; \{2^3, 4, 5^2, 10^2, 20\})$	163200
20	$\mathcal{O}(1; \{4^3, 5^2, 10^2, 20\})$	652800
20	$\mathcal{O}(1; \{2, 4, 5, 10^4, 20\})$	656000
20	$\mathcal{O}(1; \{2^3, 5^4, 20^2\})$	656000
20	$\mathcal{O}(1; \{4^2, 5^4, 20^2\})$	2624000
20	$\mathcal{O}(1; \{2^6, 5, 10, 20^2\})$	41600
20	$\mathcal{O}(1; \{2^3, 4^2, 5, 10, 20^2\})$	166400
20	$\mathcal{O}(1; \{4^4, 5, 10, 20^2\})$	665600
20	$\mathcal{O}(1; \{2, 5^3, 10^2, 20^2\})$	2620800
20	$\mathcal{O}(1; \{2^4, 10^3, 20^2\})$	163200
20	$\mathcal{O}(1; \{2, 4^2, 10^3, 20^2\})$	652800
20	$\mathcal{O}(1; \{2^6, 4, 20^3\})$	38400

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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	$\mathcal{O}(1; \{2^3, 4^3, 20^3\})$	153600
20	$\mathcal{O}(1; \{4^5, 20^3\})$	614400
20	$\mathcal{O}(1; \{2, 4, 5^2, 10, 20^3\})$	2624000
20	$\mathcal{O}(1; \{2^4, 5, 20^4\})$	652800
20	$\mathcal{O}(1; \{2, 4^2, 5, 20^4\})$	2611200
20	$\mathcal{O}(1; \{2^2, 10^2, 20^4\})$	2624000
20	$\mathcal{O}(1; \{10, 20^6\})$	41932800
20	$\mathcal{O}(0; \{2^{11}, 4^2, 5^2\})$	8
20	$\mathcal{O}(0; \{2^8, 4^4, 5^2\})$	32
20	$\mathcal{O}(0; \{2^5, 4^6, 5^2\})$	128
20	$\mathcal{O}(0; \{2^2, 4^8, 5^2\})$	512
20	$\mathcal{O}(0; \{2^3, 4^2, 5^7\})$	6552
20	$\mathcal{O}(0; \{4^4, 5^7\})$	26208
20	$\mathcal{O}(0; \{2^6, 4^2, 5^4, 10\})$	408
20	$\mathcal{O}(0; \{2^3, 4^4, 5^4, 10\})$	1632
20	$\mathcal{O}(0; \{4^6, 5^4, 10\})$	6528
20	$\mathcal{O}(0; \{2^9, 4^2, 5, 10^2\})$	24
20	$\mathcal{O}(0; \{2^6, 4^4, 5, 10^2\})$	96
20	$\mathcal{O}(0; \{2^3, 4^6, 5, 10^2\})$	384
20	$\mathcal{O}(0; \{4^8, 5, 10^2\})$	1536
20	$\mathcal{O}(0; \{2, 4^2, 5^6, 10^2\})$	26216
20	$\mathcal{O}(0; \{2^4, 4^2, 5^3, 10^3\})$	1640
20	$\mathcal{O}(0; \{2, 4^4, 5^3, 10^3\})$	6560
20	$\mathcal{O}(0; \{2^7, 4^2, 10^4\})$	104
20	$\mathcal{O}(0; \{2^4, 4^4, 10^4\})$	416
20	$\mathcal{O}(0; \{2, 4^6, 10^4\})$	1664
20	$\mathcal{O}(0; \{2^2, 4^2, 5^2, 10^5\})$	6552
20	$\mathcal{O}(0; \{4^2, 5, 10^7\})$	26216
20	$\mathcal{O}(0; \{2^9, 4, 5^3, 20\})$	104
20	$\mathcal{O}(0; \{2^6, 4^3, 5^3, 20\})$	416
20	$\mathcal{O}(0; \{2^3, 4^5, 5^3, 20\})$	1664
20	$\mathcal{O}(0; \{4^7, 5^3, 20\})$	6656
20	$\mathcal{O}(0; \{2, 4, 5^8, 20\})$	104856
20	$\mathcal{O}(0; \{2^{12}, 4, 10, 20\})$	8
20	$\mathcal{O}(0; \{2^9, 4^3, 10, 20\})$	32
20	$\mathcal{O}(0; \{2^6, 4^5, 10, 20\})$	128
20	$\mathcal{O}(0; \{2^3, 4^7, 10, 20\})$	512
20	$\mathcal{O}(0; \{4^9, 10, 20\})$	2048
20	$\mathcal{O}(0; \{2^4, 4, 5^5, 10, 20\})$	6552
20	$\mathcal{O}(0; \{2, 4^3, 5^5, 10, 20\})$	26208
20	$\mathcal{O}(0; \{2^7, 4, 5^2, 10^2, 20\})$	408
20	$\mathcal{O}(0; \{2^4, 4^3, 5^2, 10^2, 20\})$	1632
20	$\mathcal{O}(0; \{2, 4^5, 5^2, 10^2, 20\})$	6528

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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	$\mathcal{O}(0; \{2^2, 4, 5^4, 10^3, 20\})$	26216
20	$\mathcal{O}(0; \{2^5, 4, 5, 10^4, 20\})$	1640
20	$\mathcal{O}(0; \{2^2, 4^3, 5, 10^4, 20\})$	6560
20	$\mathcal{O}(0; \{4, 5^3, 10^5, 20\})$	104856
20	$\mathcal{O}(0; \{2^3, 4, 10^6, 20\})$	6552
20	$\mathcal{O}(0; \{4^3, 10^6, 20\})$	26208
20	$\mathcal{O}(0; \{2^7, 5^4, 20^2\})$	1640
20	$\mathcal{O}(0; \{2^4, 4^2, 5^4, 20^2\})$	6560
20	$\mathcal{O}(0; \{2, 4^4, 5^4, 20^2\})$	26240
20	$\mathcal{O}(0; \{2^{10}, 5, 10, 20^2\})$	104
20	$\mathcal{O}(0; \{2^7, 4^2, 5, 10, 20^2\})$	416
20	$\mathcal{O}(0; \{2^4, 4^4, 5, 10, 20^2\})$	1664
20	$\mathcal{O}(0; \{2, 4^6, 5, 10, 20^2\})$	6656
20	$\mathcal{O}(0; \{2^2, 5^6, 10, 20^2\})$	104856
20	$\mathcal{O}(0; \{2^5, 5^3, 10^2, 20^2\})$	6552
20	$\mathcal{O}(0; \{2^2, 4^2, 5^3, 10^2, 20^2\})$	26208
20	$\mathcal{O}(0; \{2^8, 10^3, 20^2\})$	408
20	$\mathcal{O}(0; \{2^5, 4^2, 10^3, 20^2\})$	1632
20	$\mathcal{O}(0; \{2^2, 4^4, 10^3, 20^2\})$	6528
20	$\mathcal{O}(0; \{5^5, 10^3, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^3, 5^2, 10^4, 20^2\})$	26216
20	$\mathcal{O}(0; \{4^2, 5^2, 10^4, 20^2\})$	104864
20	$\mathcal{O}(0; \{2, 5, 10^6, 20^2\})$	104856
20	$\mathcal{O}(0; \{2^{10}, 4, 20^3\})$	96
20	$\mathcal{O}(0; \{2^7, 4^3, 20^3\})$	384
20	$\mathcal{O}(0; \{2^4, 4^5, 20^3\})$	1536
20	$\mathcal{O}(0; \{2, 4^7, 20^3\})$	6144
20	$\mathcal{O}(0; \{2^2, 4, 5^5, 20^3\})$	104864
20	$\mathcal{O}(0; \{2^5, 4, 5^2, 10, 20^3\})$	6560
20	$\mathcal{O}(0; \{2^2, 4^3, 5^2, 10, 20^3\})$	26240
20	$\mathcal{O}(0; \{4, 5^4, 10^2, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^3, 4, 5, 10^3, 20^3\})$	26208
20	$\mathcal{O}(0; \{4^3, 5, 10^3, 20^3\})$	104832
20	$\mathcal{O}(0; \{2, 4, 10^5, 20^3\})$	104864
20	$\mathcal{O}(0; \{2^8, 5, 20^4\})$	1632
20	$\mathcal{O}(0; \{2^5, 4^2, 5, 20^4\})$	6528
20	$\mathcal{O}(0; \{2^2, 4^4, 5, 20^4\})$	26112
20	$\mathcal{O}(0; \{5^6, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^3, 5^3, 10, 20^4\})$	104864
20	$\mathcal{O}(0; \{4^2, 5^3, 10, 20^4\})$	419456
20	$\mathcal{O}(0; \{2^6, 10^2, 20^4\})$	6560
20	$\mathcal{O}(0; \{2^3, 4^2, 10^2, 20^4\})$	26240
20	$\mathcal{O}(0; \{4^4, 10^2, 20^4\})$	104960

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2, 5^2, 10^3, 20^4\})$	419424
20	$\mathcal{O}(0; \{2^3, 4, 5^2, 20^5\})$	104832
20	$\mathcal{O}(0; \{4^3, 5^2, 20^5\})$	419328
20	$\mathcal{O}(0; \{2, 4, 5, 10^2, 20^5\})$	419456
20	$\mathcal{O}(0; \{2, 5^3, 20^6\})$	1677696
20	$\mathcal{O}(0; \{2^4, 10, 20^6\})$	104832
20	$\mathcal{O}(0; \{2, 4^2, 10, 20^6\})$	419328
20	$\mathcal{O}(0; \{2^2, 20^8\})$	1677824
21	$\mathcal{O}(2; \{7^5\})$	213208800
21	$\mathcal{O}(2; \{3, 7^2, 21^2\})$	72346932
21	$\mathcal{O}(1; \{3^3, 7^5\})$	979020
21	$\mathcal{O}(1; \{3^4, 7^2, 21^2\})$	1804572
21	$\mathcal{O}(1; \{7^4, 21^3\})$	35271180
21	$\mathcal{O}(1; \{3, 7, 21^5\})$	64673532
21	$\mathcal{O}(0; \{3^6, 7^5\})$	24420
21	$\mathcal{O}(0; \{3^2, 7^7, 21\})$	479892
21	$\mathcal{O}(0; \{3^7, 7^2, 21^2\})$	31620
21	$\mathcal{O}(0; \{3^3, 7^4, 21^3\})$	879780
21	$\mathcal{O}(0; \{3^4, 7, 21^5\})$	1133220
21	$\mathcal{O}(0; \{7^3, 21^6\})$	31672740
21	$\mathcal{O}(0; \{3, 21^8\})$	40790820
22	$\mathcal{O}(4; \emptyset)$	54661514400
22	$\mathcal{O}(3; \{2^4\})$	113379840
22	$\mathcal{O}(2; \{2^8\})$	234240
22	$\mathcal{O}(1; \{2^{12}\})$	480
22	$\mathcal{O}(1; \{2, 11^5, 22\})$	44000440
22	$\mathcal{O}(0; \{2^5, 11^5, 22\})$	90910
22	$\mathcal{O}(0; \{2^3, 11^4, 22^3\})$	909090
22	$\mathcal{O}(0; \{2, 11^3, 22^5\})$	9090910
23	$\mathcal{O}(1; \{23^6\})$	2607738298
24	$\mathcal{O}(3; \{4^2\})$	375717888
24	$\mathcal{O}(2; \{2^4, 4^2\})$	614400
24	$\mathcal{O}(2; \{3^3, 4^2\})$	1244160
24	$\mathcal{O}(2; \{2, 4^4\})$	2457600
24	$\mathcal{O}(2; \{2, 3, 4^2, 6\})$	1244160
24	$\mathcal{O}(2; \{2^2, 4, 8^2\})$	2621440
24	$\mathcal{O}(2; \{8^4\})$	20971520
24	$\mathcal{O}(2; \{2, 3^2, 4, 12\})$	1244160
24	$\mathcal{O}(2; \{2^2, 4, 6, 12\})$	1244160
24	$\mathcal{O}(2; \{6, 8^2, 12\})$	5308416
24	$\mathcal{O}(2; \{2^2, 3, 12^2\})$	1244160
24	$\mathcal{O}(2; \{6^2, 12^2\})$	3732480
24	$\mathcal{O}(2; \{4, 12^3\})$	4976640

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{2^2, 3, 8, 24\})$	2654208
24	$\mathcal{O}(2; \{6^2, 8, 24\})$	2654208
24	$\mathcal{O}(2; \{4, 8, 12, 24\})$	10616832
24	$\mathcal{O}(2; \{4, 6, 24^2\})$	5308416
24	$\mathcal{O}(2; \{3, 12, 24^2\})$	15925248
24	$\mathcal{O}(1; \{2^8, 4^2\})$	768
24	$\mathcal{O}(1; \{2^4, 3^3, 4^2\})$	1728
24	$\mathcal{O}(1; \{3^6, 4^2\})$	19008
24	$\mathcal{O}(1; \{2^5, 4^4\})$	3072
24	$\mathcal{O}(1; \{2, 3^3, 4^4\})$	6912
24	$\mathcal{O}(1; \{2^2, 4^6\})$	12288
24	$\mathcal{O}(1; \{2^5, 3, 4^2, 6\})$	1728
24	$\mathcal{O}(1; \{2, 3^4, 4^2, 6\})$	8640
24	$\mathcal{O}(1; \{2^2, 3, 4^4, 6\})$	6912
24	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^2\})$	5184
24	$\mathcal{O}(1; \{2^3, 4^2, 6^3\})$	1728
24	$\mathcal{O}(1; \{4^4, 6^3\})$	6912
24	$\mathcal{O}(1; \{3, 4^2, 6^4\})$	8640
24	$\mathcal{O}(1; \{2^6, 4, 8^2\})$	4096
24	$\mathcal{O}(1; \{2^2, 3^3, 4, 8^2\})$	9216
24	$\mathcal{O}(1; \{2^3, 4^3, 8^2\})$	16384
24	$\mathcal{O}(1; \{4^5, 8^2\})$	65536
24	$\mathcal{O}(1; \{2^3, 3, 4, 6, 8^2\})$	9216
24	$\mathcal{O}(1; \{3, 4^3, 6, 8^2\})$	36864
24	$\mathcal{O}(1; \{3^2, 4, 6^2, 8^2\})$	27648
24	$\mathcal{O}(1; \{2, 4, 6^3, 8^2\})$	9216
24	$\mathcal{O}(1; \{2^4, 8^4\})$	32768
24	$\mathcal{O}(1; \{3^3, 8^4\})$	73728
24	$\mathcal{O}(1; \{2, 4^2, 8^4\})$	131072
24	$\mathcal{O}(1; \{2, 3, 6, 8^4\})$	73728
24	$\mathcal{O}(1; \{2^5, 3^2, 4, 12\})$	1728
24	$\mathcal{O}(1; \{2, 3^5, 4, 12\})$	19008
24	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 12\})$	6912
24	$\mathcal{O}(1; \{2^6, 4, 6, 12\})$	1728
24	$\mathcal{O}(1; \{2^2, 3^3, 4, 6, 12\})$	8640
24	$\mathcal{O}(1; \{2^3, 4^3, 6, 12\})$	6912
24	$\mathcal{O}(1; \{4^5, 6, 12\})$	27648
24	$\mathcal{O}(1; \{2^3, 3, 4, 6^2, 12\})$	5184
24	$\mathcal{O}(1; \{3, 4^3, 6^2, 12\})$	20736
24	$\mathcal{O}(1; \{3^2, 4, 6^3, 12\})$	19008
24	$\mathcal{O}(1; \{2, 4, 6^4, 12\})$	8640
24	$\mathcal{O}(1; \{2^3, 3^2, 8^2, 12\})$	9216
24	$\mathcal{O}(1; \{3^2, 4^2, 8^2, 12\})$	36864

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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	$\mathcal{O}(1; \{2^4, 6, 8^2, 12\})$	9216
24	$\mathcal{O}(1; \{3^3, 6, 8^2, 12\})$	46080
24	$\mathcal{O}(1; \{2, 4^2, 6, 8^2, 12\})$	36864
24	$\mathcal{O}(1; \{2, 3, 6^2, 8^2, 12\})$	27648
24	$\mathcal{O}(1; \{2^6, 3, 12^2\})$	1728
24	$\mathcal{O}(1; \{2^2, 3^4, 12^2\})$	19008
24	$\mathcal{O}(1; \{2^3, 3, 4^2, 12^2\})$	6912
24	$\mathcal{O}(1; \{3, 4^4, 12^2\})$	27648
24	$\mathcal{O}(1; \{2^3, 3^2, 6, 12^2\})$	8640
24	$\mathcal{O}(1; \{3^2, 4^2, 6, 12^2\})$	34560
24	$\mathcal{O}(1; \{2^4, 6^2, 12^2\})$	5184
24	$\mathcal{O}(1; \{3^3, 6^2, 12^2\})$	36288
24	$\mathcal{O}(1; \{2, 4^2, 6^2, 12^2\})$	20736
24	$\mathcal{O}(1; \{2, 3, 6^3, 12^2\})$	19008
24	$\mathcal{O}(1; \{2, 3, 4, 8^2, 12^2\})$	36864
24	$\mathcal{O}(1; \{2^4, 4, 12^3\})$	6912
24	$\mathcal{O}(1; \{3^3, 4, 12^3\})$	76032
24	$\mathcal{O}(1; \{2, 4^3, 12^3\})$	27648
24	$\mathcal{O}(1; \{2, 3, 4, 6, 12^3\})$	34560
24	$\mathcal{O}(1; \{2^2, 8^2, 12^3\})$	36864
24	$\mathcal{O}(1; \{2, 3^2, 12^4\})$	76032
24	$\mathcal{O}(1; \{2^2, 6, 12^4\})$	34560
24	$\mathcal{O}(1; \{12^6\})$	304128
24	$\mathcal{O}(1; \{2^6, 3, 8, 24\})$	4608
24	$\mathcal{O}(1; \{2^2, 3^4, 8, 24\})$	23040
24	$\mathcal{O}(1; \{2^3, 3, 4^2, 8, 24\})$	18432
24	$\mathcal{O}(1; \{3, 4^4, 8, 24\})$	73728
24	$\mathcal{O}(1; \{2^3, 3^2, 6, 8, 24\})$	13824
24	$\mathcal{O}(1; \{3^2, 4^2, 6, 8, 24\})$	55296
24	$\mathcal{O}(1; \{2^4, 6^2, 8, 24\})$	4608
24	$\mathcal{O}(1; \{3^3, 6^2, 8, 24\})$	50688
24	$\mathcal{O}(1; \{2, 4^2, 6^2, 8, 24\})$	18432
24	$\mathcal{O}(1; \{2, 3, 6^3, 8, 24\})$	23040
24	$\mathcal{O}(1; \{2, 3, 4, 8^3, 24\})$	147456
24	$\mathcal{O}(1; \{2^4, 4, 8, 12, 24\})$	18432
24	$\mathcal{O}(1; \{3^3, 4, 8, 12, 24\})$	92160
24	$\mathcal{O}(1; \{2, 4^3, 8, 12, 24\})$	73728
24	$\mathcal{O}(1; \{2, 3, 4, 6, 8, 12, 24\})$	55296
24	$\mathcal{O}(1; \{2^2, 8^3, 12, 24\})$	147456
24	$\mathcal{O}(1; \{2, 3^2, 8, 12^2, 24\})$	92160
24	$\mathcal{O}(1; \{2^2, 6, 8, 12^2, 24\})$	55296
24	$\mathcal{O}(1; \{8, 12^4, 24\})$	368640
24	$\mathcal{O}(1; \{2^3, 3^2, 4, 24^2\})$	27648

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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	$\mathcal{O}(1; \{3^2, 4^3, 24^2\})$	110592
24	$\mathcal{O}(1; \{2^4, 4, 6, 24^2\})$	9216
24	$\mathcal{O}(1; \{3^3, 4, 6, 24^2\})$	101376
24	$\mathcal{O}(1; \{2, 4^3, 6, 24^2\})$	36864
24	$\mathcal{O}(1; \{2, 3, 4, 6^2, 24^2\})$	46080
24	$\mathcal{O}(1; \{2, 3^2, 8^2, 24^2\})$	221184
24	$\mathcal{O}(1; \{2^2, 6, 8^2, 24^2\})$	73728
24	$\mathcal{O}(1; \{2^4, 3, 12, 24^2\})$	27648
24	$\mathcal{O}(1; \{3^4, 12, 24^2\})$	193536
24	$\mathcal{O}(1; \{2, 3, 4^2, 12, 24^2\})$	110592
24	$\mathcal{O}(1; \{2, 3^2, 6, 12, 24^2\})$	101376
24	$\mathcal{O}(1; \{2^2, 6^2, 12, 24^2\})$	46080
24	$\mathcal{O}(1; \{2^2, 4, 12^2, 24^2\})$	110592
24	$\mathcal{O}(1; \{8^2, 12^2, 24^2\})$	884736
24	$\mathcal{O}(1; \{6, 12^3, 24^2\})$	405504
24	$\mathcal{O}(1; \{2^2, 4, 8, 24^3\})$	147456
24	$\mathcal{O}(1; \{8^3, 24^3\})$	1179648
24	$\mathcal{O}(1; \{6, 8, 12, 24^3\})$	737280
24	$\mathcal{O}(1; \{2^2, 3, 24^4\})$	368640
24	$\mathcal{O}(1; \{6^2, 24^4\})$	811008
24	$\mathcal{O}(1; \{4, 12, 24^4\})$	1474560
24	$\mathcal{O}(0; \{2^6, 3^3, 4, 8^2\})$	16
24	$\mathcal{O}(0; \{2^2, 3^6, 4, 8^2\})$	176
24	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 8^2\})$	64
24	$\mathcal{O}(0; \{3^3, 4^5, 8^2\})$	256
24	$\mathcal{O}(0; \{2^7, 3, 4, 6, 8^2\})$	16
24	$\mathcal{O}(0; \{2^3, 3^4, 4, 6, 8^2\})$	80
24	$\mathcal{O}(0; \{2^4, 3, 4^3, 6, 8^2\})$	64
24	$\mathcal{O}(0; \{3^4, 4^3, 6, 8^2\})$	320
24	$\mathcal{O}(0; \{2, 3, 4^5, 6, 8^2\})$	256
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^2, 8^2\})$	48
24	$\mathcal{O}(0; \{3^5, 4, 6^2, 8^2\})$	336
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^2, 8^2\})$	192
24	$\mathcal{O}(0; \{2^5, 4, 6^3, 8^2\})$	16
24	$\mathcal{O}(0; \{2, 3^3, 4, 6^3, 8^2\})$	176
24	$\mathcal{O}(0; \{2^2, 4^3, 6^3, 8^2\})$	64
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^4, 8^2\})$	80
24	$\mathcal{O}(0; \{4, 6^6, 8^2\})$	176
24	$\mathcal{O}(0; \{2^4, 3^3, 8^4\})$	128
24	$\mathcal{O}(0; \{3^6, 8^4\})$	1408
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 8^4\})$	512
24	$\mathcal{O}(0; \{2^5, 3, 6, 8^4\})$	128
24	$\mathcal{O}(0; \{2, 3^4, 6, 8^4\})$	640

Continued on next page

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	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 8^4\})$	512
24	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 8^4\})$	384
24	$\mathcal{O}(0; \{2^3, 6^3, 8^4\})$	128
24	$\mathcal{O}(0; \{4^2, 6^3, 8^4\})$	512
24	$\mathcal{O}(0; \{3, 6^4, 8^4\})$	640
24	$\mathcal{O}(0; \{3, 4, 6, 8^6\})$	4096
24	$\mathcal{O}(0; \{2^7, 3^2, 8^2, 12\})$	16
24	$\mathcal{O}(0; \{2^3, 3^5, 8^2, 12\})$	176
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 8^2, 12\})$	64
24	$\mathcal{O}(0; \{3^5, 4^2, 8^2, 12\})$	704
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 8^2, 12\})$	256
24	$\mathcal{O}(0; \{2^8, 6, 8^2, 12\})$	16
24	$\mathcal{O}(0; \{2^4, 3^3, 6, 8^2, 12\})$	80
24	$\mathcal{O}(0; \{3^6, 6, 8^2, 12\})$	688
24	$\mathcal{O}(0; \{2^5, 4^2, 6, 8^2, 12\})$	64
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6, 8^2, 12\})$	320
24	$\mathcal{O}(0; \{2^2, 4^4, 6, 8^2, 12\})$	256
24	$\mathcal{O}(0; \{2^5, 3, 6^2, 8^2, 12\})$	48
24	$\mathcal{O}(0; \{2, 3^4, 6^2, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^2, 8^2, 12\})$	192
24	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 8^2, 12\})$	176
24	$\mathcal{O}(0; \{2^3, 6^4, 8^2, 12\})$	80
24	$\mathcal{O}(0; \{4^2, 6^4, 8^2, 12\})$	320
24	$\mathcal{O}(0; \{3, 6^5, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 8^4, 12\})$	512
24	$\mathcal{O}(0; \{2^3, 4, 6, 8^4, 12\})$	512
24	$\mathcal{O}(0; \{4^3, 6, 8^4, 12\})$	2048
24	$\mathcal{O}(0; \{3, 4, 6^2, 8^4, 12\})$	1536
24	$\mathcal{O}(0; \{3^2, 8^6, 12\})$	4096
24	$\mathcal{O}(0; \{2, 6, 8^6, 12\})$	4096
24	$\mathcal{O}(0; \{2^5, 3, 4, 8^2, 12^2\})$	64
24	$\mathcal{O}(0; \{2, 3^4, 4, 8^2, 12^2\})$	704
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 8^2, 12^2\})$	256
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 8^2, 12^2\})$	320
24	$\mathcal{O}(0; \{2^3, 4, 6^2, 8^2, 12^2\})$	192
24	$\mathcal{O}(0; \{4^3, 6^2, 8^2, 12^2\})$	768
24	$\mathcal{O}(0; \{3, 4, 6^3, 8^2, 12^2\})$	704
24	$\mathcal{O}(0; \{2^3, 3, 8^4, 12^2\})$	512
24	$\mathcal{O}(0; \{3, 4^2, 8^4, 12^2\})$	2048
24	$\mathcal{O}(0; \{3^2, 6, 8^4, 12^2\})$	2560
24	$\mathcal{O}(0; \{2, 6^2, 8^4, 12^2\})$	1536
24	$\mathcal{O}(0; \{2^6, 8^2, 12^3\})$	64
24	$\mathcal{O}(0; \{2^2, 3^3, 8^2, 12^3\})$	704

Continued on next page

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	$\mathcal{O}(0; \{2^3, 4^2, 8^2, 12^3\})$	256
24	$\mathcal{O}(0; \{4^4, 8^2, 12^3\})$	1024
24	$\mathcal{O}(0; \{2^3, 3, 6, 8^2, 12^3\})$	320
24	$\mathcal{O}(0; \{3, 4^2, 6, 8^2, 12^3\})$	1280
24	$\mathcal{O}(0; \{3^2, 6^2, 8^2, 12^3\})$	1344
24	$\mathcal{O}(0; \{2, 6^3, 8^2, 12^3\})$	704
24	$\mathcal{O}(0; \{2, 4, 8^4, 12^3\})$	2048
24	$\mathcal{O}(0; \{3^2, 4, 8^2, 12^4\})$	2816
24	$\mathcal{O}(0; \{2, 4, 6, 8^2, 12^4\})$	1280
24	$\mathcal{O}(0; \{2, 3, 8^2, 12^5\})$	2816
24	$\mathcal{O}(0; \{2^{10}, 3, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^6, 3^4, 8, 24\})$	40
24	$\mathcal{O}(0; \{2^2, 3^7, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^7, 3, 4^2, 8, 24\})$	32
24	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 8, 24\})$	160
24	$\mathcal{O}(0; \{2^4, 3, 4^4, 8, 24\})$	128
24	$\mathcal{O}(0; \{3^4, 4^4, 8, 24\})$	640
24	$\mathcal{O}(0; \{2, 3, 4^6, 8, 24\})$	512
24	$\mathcal{O}(0; \{2^7, 3^2, 6, 8, 24\})$	24
24	$\mathcal{O}(0; \{2^3, 3^5, 6, 8, 24\})$	168
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6, 8, 24\})$	96
24	$\mathcal{O}(0; \{3^5, 4^2, 6, 8, 24\})$	672
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 6, 8, 24\})$	384
24	$\mathcal{O}(0; \{2^8, 6^2, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^4, 3^3, 6^2, 8, 24\})$	88
24	$\mathcal{O}(0; \{3^6, 6^2, 8, 24\})$	680
24	$\mathcal{O}(0; \{2^5, 4^2, 6^2, 8, 24\})$	32
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^2, 8, 24\})$	352
24	$\mathcal{O}(0; \{2^2, 4^4, 6^2, 8, 24\})$	128
24	$\mathcal{O}(0; \{2^5, 3, 6^3, 8, 24\})$	40
24	$\mathcal{O}(0; \{2, 3^4, 6^3, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^3, 8, 24\})$	160
24	$\mathcal{O}(0; \{2^2, 3^2, 6^4, 8, 24\})$	168
24	$\mathcal{O}(0; \{2^3, 6^5, 8, 24\})$	88
24	$\mathcal{O}(0; \{4^2, 6^5, 8, 24\})$	352
24	$\mathcal{O}(0; \{3, 6^6, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^5, 3, 4, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{2, 3^4, 4, 8^3, 24\})$	1280
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 8^3, 24\})$	1024
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 8^3, 24\})$	768
24	$\mathcal{O}(0; \{2^3, 4, 6^2, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{4^3, 6^2, 8^3, 24\})$	1024
24	$\mathcal{O}(0; \{3, 4, 6^3, 8^3, 24\})$	1280

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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	$\mathcal{O}(0; \{2^3, 3, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{3, 4^2, 8^5, 24\})$	8192
24	$\mathcal{O}(0; \{3^2, 6, 8^5, 24\})$	6144
24	$\mathcal{O}(0; \{2, 6^2, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{2^8, 4, 8, 12, 24\})$	32
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 8, 12, 24\})$	160
24	$\mathcal{O}(0; \{3^6, 4, 8, 12, 24\})$	1376
24	$\mathcal{O}(0; \{2^5, 4^3, 8, 12, 24\})$	128
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 8, 12, 24\})$	640
24	$\mathcal{O}(0; \{2^2, 4^5, 8, 12, 24\})$	512
24	$\mathcal{O}(0; \{2^5, 3, 4, 6, 8, 12, 24\})$	96
24	$\mathcal{O}(0; \{2, 3^4, 4, 6, 8, 12, 24\})$	672
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6, 8, 12, 24\})$	384
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^2, 8, 12, 24\})$	352
24	$\mathcal{O}(0; \{2^3, 4, 6^3, 8, 12, 24\})$	160
24	$\mathcal{O}(0; \{4^3, 6^3, 8, 12, 24\})$	640
24	$\mathcal{O}(0; \{3, 4, 6^4, 8, 12, 24\})$	672
24	$\mathcal{O}(0; \{2^6, 8^3, 12, 24\})$	256
24	$\mathcal{O}(0; \{2^2, 3^3, 8^3, 12, 24\})$	1280
24	$\mathcal{O}(0; \{2^3, 4^2, 8^3, 12, 24\})$	1024
24	$\mathcal{O}(0; \{4^4, 8^3, 12, 24\})$	4096
24	$\mathcal{O}(0; \{2^3, 3, 6, 8^3, 12, 24\})$	768
24	$\mathcal{O}(0; \{3, 4^2, 6, 8^3, 12, 24\})$	3072
24	$\mathcal{O}(0; \{3^2, 6^2, 8^3, 12, 24\})$	2816
24	$\mathcal{O}(0; \{2, 6^3, 8^3, 12, 24\})$	1280
24	$\mathcal{O}(0; \{2, 4, 8^5, 12, 24\})$	8192
24	$\mathcal{O}(0; \{2^5, 3^2, 8, 12^2, 24\})$	160
24	$\mathcal{O}(0; \{2, 3^5, 8, 12^2, 24\})$	1376
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 8, 12^2, 24\})$	640
24	$\mathcal{O}(0; \{2^6, 6, 8, 12^2, 24\})$	96
24	$\mathcal{O}(0; \{2^2, 3^3, 6, 8, 12^2, 24\})$	672
24	$\mathcal{O}(0; \{2^3, 4^2, 6, 8, 12^2, 24\})$	384
24	$\mathcal{O}(0; \{4^4, 6, 8, 12^2, 24\})$	1536
24	$\mathcal{O}(0; \{2^3, 3, 6^2, 8, 12^2, 24\})$	352
24	$\mathcal{O}(0; \{3, 4^2, 6^2, 8, 12^2, 24\})$	1408
24	$\mathcal{O}(0; \{3^2, 6^3, 8, 12^2, 24\})$	1376
24	$\mathcal{O}(0; \{2, 6^4, 8, 12^2, 24\})$	672
24	$\mathcal{O}(0; \{3^2, 4, 8^3, 12^2, 24\})$	5120
24	$\mathcal{O}(0; \{2, 4, 6, 8^3, 12^2, 24\})$	3072
24	$\mathcal{O}(0; \{2^3, 3, 4, 8, 12^3, 24\})$	640
24	$\mathcal{O}(0; \{3, 4^3, 8, 12^3, 24\})$	2560
24	$\mathcal{O}(0; \{3^2, 4, 6, 8, 12^3, 24\})$	2688
24	$\mathcal{O}(0; \{2, 4, 6^2, 8, 12^3, 24\})$	1408

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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	$\mathcal{O}(0; \{2, 3, 8^3, 12^3, 24\})$	5120
24	$\mathcal{O}(0; \{2^4, 8, 12^4, 24\})$	640
24	$\mathcal{O}(0; \{3^3, 8, 12^4, 24\})$	5504
24	$\mathcal{O}(0; \{2, 4^2, 8, 12^4, 24\})$	2560
24	$\mathcal{O}(0; \{2, 3, 6, 8, 12^4, 24\})$	2688
24	$\mathcal{O}(0; \{2^7, 3^2, 4, 24^2\})$	48
24	$\mathcal{O}(0; \{2^3, 3^5, 4, 24^2\})$	336
24	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 24^2\})$	192
24	$\mathcal{O}(0; \{3^5, 4^3, 24^2\})$	1344
24	$\mathcal{O}(0; \{2, 3^2, 4^5, 24^2\})$	768
24	$\mathcal{O}(0; \{2^8, 4, 6, 24^2\})$	16
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 6, 24^2\})$	176
24	$\mathcal{O}(0; \{3^6, 4, 6, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^5, 4^3, 6, 24^2\})$	64
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 6, 24^2\})$	704
24	$\mathcal{O}(0; \{2^2, 4^5, 6, 24^2\})$	256
24	$\mathcal{O}(0; \{2^5, 3, 4, 6^2, 24^2\})$	80
24	$\mathcal{O}(0; \{2, 3^4, 4, 6^2, 24^2\})$	688
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^2, 24^2\})$	320
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^3, 24^2\})$	336
24	$\mathcal{O}(0; \{2^3, 4, 6^4, 24^2\})$	176
24	$\mathcal{O}(0; \{4^3, 6^4, 24^2\})$	704
24	$\mathcal{O}(0; \{3, 4, 6^5, 24^2\})$	688
24	$\mathcal{O}(0; \{2^5, 3^2, 8^2, 24^2\})$	384
24	$\mathcal{O}(0; \{2, 3^5, 8^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 8^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^6, 6, 8^2, 24^2\})$	128
24	$\mathcal{O}(0; \{2^2, 3^3, 6, 8^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^3, 4^2, 6, 8^2, 24^2\})$	512
24	$\mathcal{O}(0; \{4^4, 6, 8^2, 24^2\})$	2048
24	$\mathcal{O}(0; \{2^3, 3, 6^2, 8^2, 24^2\})$	640
24	$\mathcal{O}(0; \{3, 4^2, 6^2, 8^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{3^2, 6^3, 8^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2, 6^4, 8^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{3^2, 4, 8^4, 24^2\})$	12288
24	$\mathcal{O}(0; \{2, 4, 6, 8^4, 24^2\})$	4096
24	$\mathcal{O}(0; \{2^8, 3, 12, 24^2\})$	48
24	$\mathcal{O}(0; \{2^4, 3^4, 12, 24^2\})$	336
24	$\mathcal{O}(0; \{3^7, 12, 24^2\})$	2736
24	$\mathcal{O}(0; \{2^5, 3, 4^2, 12, 24^2\})$	192
24	$\mathcal{O}(0; \{2, 3^4, 4^2, 12, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^2, 3, 4^4, 12, 24^2\})$	768
24	$\mathcal{O}(0; \{2^5, 3^2, 6, 12, 24^2\})$	176

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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	$\mathcal{O}(0; \{2, 3^5, 6, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6, 12, 24^2\})$	704
24	$\mathcal{O}(0; \{2^6, 6^2, 12, 24^2\})$	80
24	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{2^3, 4^2, 6^2, 12, 24^2\})$	320
24	$\mathcal{O}(0; \{4^4, 6^2, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^3, 3, 6^3, 12, 24^2\})$	336
24	$\mathcal{O}(0; \{3, 4^2, 6^3, 12, 24^2\})$	1344
24	$\mathcal{O}(0; \{3^2, 6^4, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2, 6^5, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{2^3, 3, 4, 8^2, 12, 24^2\})$	1536
24	$\mathcal{O}(0; \{3, 4^3, 8^2, 12, 24^2\})$	6144
24	$\mathcal{O}(0; \{3^2, 4, 6, 8^2, 12, 24^2\})$	5632
24	$\mathcal{O}(0; \{2, 4, 6^2, 8^2, 12, 24^2\})$	2560
24	$\mathcal{O}(0; \{2, 3, 8^4, 12, 24^2\})$	12288
24	$\mathcal{O}(0; \{2^6, 4, 12^2, 24^2\})$	192
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 12^2, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^3, 4^3, 12^2, 24^2\})$	768
24	$\mathcal{O}(0; \{4^5, 12^2, 24^2\})$	3072
24	$\mathcal{O}(0; \{2^3, 3, 4, 6, 12^2, 24^2\})$	704
24	$\mathcal{O}(0; \{3, 4^3, 6, 12^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{3^2, 4, 6^2, 12^2, 24^2\})$	2752
24	$\mathcal{O}(0; \{2, 4, 6^3, 12^2, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^4, 8^2, 12^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{3^3, 8^2, 12^2, 24^2\})$	10752
24	$\mathcal{O}(0; \{2, 4^2, 8^2, 12^2, 24^2\})$	6144
24	$\mathcal{O}(0; \{2, 3, 6, 8^2, 12^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^3, 3^2, 12^3, 24^2\})$	1344
24	$\mathcal{O}(0; \{3^2, 4^2, 12^3, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^4, 6, 12^3, 24^2\})$	704
24	$\mathcal{O}(0; \{3^3, 6, 12^3, 24^2\})$	5440
24	$\mathcal{O}(0; \{2, 4^2, 6, 12^3, 24^2\})$	2816
24	$\mathcal{O}(0; \{2, 3, 6^2, 12^3, 24^2\})$	2752
24	$\mathcal{O}(0; \{2, 3, 4, 12^4, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^2, 12^5, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^6, 4, 8, 24^3\})$	256
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 8, 24^3\})$	2816
24	$\mathcal{O}(0; \{2^3, 4^3, 8, 24^3\})$	1024
24	$\mathcal{O}(0; \{4^5, 8, 24^3\})$	4096
24	$\mathcal{O}(0; \{2^3, 3, 4, 6, 8, 24^3\})$	1280
24	$\mathcal{O}(0; \{3, 4^3, 6, 8, 24^3\})$	5120
24	$\mathcal{O}(0; \{3^2, 4, 6^2, 8, 24^3\})$	5376
24	$\mathcal{O}(0; \{2, 4, 6^3, 8, 24^3\})$	2816

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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	$\mathcal{O}(0; \{2^4, 8^3, 24^3\})$	2048
24	$\mathcal{O}(0; \{3^3, 8^3, 24^3\})$	22528
24	$\mathcal{O}(0; \{2, 4^2, 8^3, 24^3\})$	8192
24	$\mathcal{O}(0; \{2, 3, 6, 8^3, 24^3\})$	10240
24	$\mathcal{O}(0; \{2^3, 3^2, 8, 12, 24^3\})$	2816
24	$\mathcal{O}(0; \{3^2, 4^2, 8, 12, 24^3\})$	11264
24	$\mathcal{O}(0; \{2^4, 6, 8, 12, 24^3\})$	1280
24	$\mathcal{O}(0; \{3^3, 6, 8, 12, 24^3\})$	11008
24	$\mathcal{O}(0; \{2, 4^2, 6, 8, 12, 24^3\})$	5120
24	$\mathcal{O}(0; \{2, 3, 6^2, 8, 12, 24^3\})$	5376
24	$\mathcal{O}(0; \{2, 3, 4, 8, 12^2, 24^3\})$	11264
24	$\mathcal{O}(0; \{2^2, 8, 12^3, 24^3\})$	11264
24	$\mathcal{O}(0; \{2^6, 3, 24^4\})$	640
24	$\mathcal{O}(0; \{2^2, 3^4, 24^4\})$	5504
24	$\mathcal{O}(0; \{2^3, 3, 4^2, 24^4\})$	2560
24	$\mathcal{O}(0; \{3, 4^4, 24^4\})$	10240
24	$\mathcal{O}(0; \{2^3, 3^2, 6, 24^4\})$	2688
24	$\mathcal{O}(0; \{3^2, 4^2, 6, 24^4\})$	10752
24	$\mathcal{O}(0; \{2^4, 6^2, 24^4\})$	1408
24	$\mathcal{O}(0; \{3^3, 6^2, 24^4\})$	10880
24	$\mathcal{O}(0; \{2, 4^2, 6^2, 24^4\})$	5632
24	$\mathcal{O}(0; \{2, 3, 6^3, 24^4\})$	5504
24	$\mathcal{O}(0; \{2, 3, 4, 8^2, 24^4\})$	20480
24	$\mathcal{O}(0; \{2^4, 4, 12, 24^4\})$	2560
24	$\mathcal{O}(0; \{3^3, 4, 12, 24^4\})$	22016
24	$\mathcal{O}(0; \{2, 4^3, 12, 24^4\})$	10240
24	$\mathcal{O}(0; \{2, 3, 4, 6, 12, 24^4\})$	10752
24	$\mathcal{O}(0; \{2^2, 8^2, 12, 24^4\})$	20480
24	$\mathcal{O}(0; \{2, 3^2, 12^2, 24^4\})$	22016
24	$\mathcal{O}(0; \{2^2, 6, 12^2, 24^4\})$	10752
24	$\mathcal{O}(0; \{12^4, 24^4\})$	88064
24	$\mathcal{O}(0; \{2, 3^2, 8, 24^5\})$	43008
24	$\mathcal{O}(0; \{2^2, 6, 8, 24^5\})$	22528
24	$\mathcal{O}(0; \{8, 12^2, 24^5\})$	172032
24	$\mathcal{O}(0; \{2^2, 4, 24^6\})$	45056
24	$\mathcal{O}(0; \{8^2, 24^6\})$	360448
24	$\mathcal{O}(0; \{6, 12, 24^6\})$	176128
25	$\mathcal{O}(1; \{5^3, 25^3\})$	12000000
26	$\mathcal{O}(0; \{2^3, 13^5, 26\})$	229692
26	$\mathcal{O}(0; \{2, 13^4, 26^3\})$	2756292
27	$\mathcal{O}(2; \{27^3\})$	86093442
27	$\mathcal{O}(1; \{3^2, 9^4\})$	419904
27	$\mathcal{O}(1; \{3^3, 27^3\})$	944784

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
27	$\mathcal{O}(0; \{3^6, 27^3\})$	10368
27	$\mathcal{O}(0; \{3^2, 9^3, 27^3\})$	139968
28	$\mathcal{O}(2; \{2^2, 7^2\})$	3457440
28	$\mathcal{O}(2; \{7, 14^2\})$	17287200
28	$\mathcal{O}(1; \{2^6, 7^2\})$	3528
28	$\mathcal{O}(1; \{2^3, 4^2, 7^2\})$	9408
28	$\mathcal{O}(1; \{4^4, 7^2\})$	37632
28	$\mathcal{O}(1; \{2^4, 7, 14^2\})$	17640
28	$\mathcal{O}(1; \{2, 4^2, 7, 14^2\})$	47040
28	$\mathcal{O}(1; \{2^2, 14^4\})$	109368
28	$\mathcal{O}(1; \{2^2, 7, 14, 28^2\})$	291648
28	$\mathcal{O}(1; \{14^3, 28^2\})$	1740480
28	$\mathcal{O}(1; \{7, 28^4\})$	6961920
28	$\mathcal{O}(0; \{2^7, 4^2, 7^2\})$	12
28	$\mathcal{O}(0; \{2^4, 4^4, 7^2\})$	48
28	$\mathcal{O}(0; \{2, 4^6, 7^2\})$	192
28	$\mathcal{O}(0; \{4^2, 7^5, 14\})$	13332
28	$\mathcal{O}(0; \{2^5, 4^2, 7, 14^2\})$	60
28	$\mathcal{O}(0; \{2^2, 4^4, 7, 14^2\})$	240
28	$\mathcal{O}(0; \{2^3, 4^2, 14^4\})$	372
28	$\mathcal{O}(0; \{4^4, 14^4\})$	1488
28	$\mathcal{O}(0; \{2^3, 4, 7^3, 14, 28\})$	2220
28	$\mathcal{O}(0; \{4^3, 7^3, 14, 28\})$	8880
28	$\mathcal{O}(0; \{2, 4, 7^2, 14^3, 28\})$	13332
28	$\mathcal{O}(0; \{2, 7^5, 28^2\})$	79980
28	$\mathcal{O}(0; \{2^6, 7, 14, 28^2\})$	372
28	$\mathcal{O}(0; \{2^3, 4^2, 7, 14, 28^2\})$	1488
28	$\mathcal{O}(0; \{4^4, 7, 14, 28^2\})$	5952
28	$\mathcal{O}(0; \{2^4, 14^3, 28^2\})$	2220
28	$\mathcal{O}(0; \{2, 4^2, 14^3, 28^2\})$	8880
28	$\mathcal{O}(0; \{2, 4, 7^3, 28^3\})$	53328
28	$\mathcal{O}(0; \{2^4, 7, 28^4\})$	8880
28	$\mathcal{O}(0; \{2, 4^2, 7, 28^4\})$	35520
28	$\mathcal{O}(0; \{2^2, 14^2, 28^4\})$	53328
28	$\mathcal{O}(0; \{14, 28^6\})$	1279680
30	$\mathcal{O}(2; \{5^3\})$	9000000
30	$\mathcal{O}(2; \{3, 5, 15\})$	6075000
30	$\mathcal{O}(2; \{2, 15, 30\})$	6480000
30	$\mathcal{O}(1; \{2^4, 5^3\})$	9600
30	$\mathcal{O}(1; \{3^3, 5^3\})$	16200
30	$\mathcal{O}(1; \{2, 3, 5^3, 6\})$	21600
30	$\mathcal{O}(1; \{2^2, 5^2, 10^2\})$	41600
30	$\mathcal{O}(1; \{5, 10^4\})$	163200

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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	$\mathcal{O}(1; \{2^4, 3, 5, 15\})$	7200
30	$\mathcal{O}(1; \{3^4, 5, 15\})$	27000
30	$\mathcal{O}(1; \{2, 3^2, 5, 6, 15\})$	21600
30	$\mathcal{O}(1; \{2^2, 5, 6^2, 15\})$	7200
30	$\mathcal{O}(1; \{2^2, 3, 10^2, 15\})$	21600
30	$\mathcal{O}(1; \{6^2, 10^2, 15\})$	21600
30	$\mathcal{O}(1; \{5, 6, 10, 15^2\})$	93600
30	$\mathcal{O}(1; \{5^2, 15^3\})$	275400
30	$\mathcal{O}(1; \{3, 15^4\})$	351000
30	$\mathcal{O}(1; \{2, 3^2, 5^2, 30\})$	21600
30	$\mathcal{O}(1; \{2^2, 5^2, 6, 30\})$	21600
30	$\mathcal{O}(1; \{5, 6, 10^2, 30\})$	93600
30	$\mathcal{O}(1; \{2^5, 15, 30\})$	7200
30	$\mathcal{O}(1; \{2, 3^3, 15, 30\})$	36000
30	$\mathcal{O}(1; \{2^2, 3, 6, 15, 30\})$	21600
30	$\mathcal{O}(1; \{6^3, 15, 30\})$	36000
30	$\mathcal{O}(1; \{5^2, 10, 15, 30\})$	367200
30	$\mathcal{O}(1; \{3, 10, 15^2, 30\})$	280800
30	$\mathcal{O}(1; \{2^2, 3, 5, 30^2\})$	21600
30	$\mathcal{O}(1; \{5, 6^2, 30^2\})$	64800
30	$\mathcal{O}(1; \{3, 10^2, 30^2\})$	93600
30	$\mathcal{O}(1; \{2^3, 30^3\})$	21600
30	$\mathcal{O}(1; \{3, 6, 30^3\})$	108000
30	$\mathcal{O}(0; \{2^4, 3^3, 5^3\})$	24
30	$\mathcal{O}(0; \{2^5, 3, 5^3, 6\})$	24
30	$\mathcal{O}(0; \{2, 3^4, 5^3, 6\})$	120
30	$\mathcal{O}(0; \{2^2, 3^2, 5^3, 6^2\})$	72
30	$\mathcal{O}(0; \{2^3, 5^3, 6^3\})$	24
30	$\mathcal{O}(0; \{3, 5^3, 6^4\})$	120
30	$\mathcal{O}(0; \{3, 5^5, 6, 10\})$	1640
30	$\mathcal{O}(0; \{2^2, 3^3, 5^2, 10^2\})$	104
30	$\mathcal{O}(0; \{2^3, 3, 5^2, 6, 10^2\})$	104
30	$\mathcal{O}(0; \{3^2, 5^2, 6^2, 10^2\})$	312
30	$\mathcal{O}(0; \{2, 5^2, 6^3, 10^2\})$	104
30	$\mathcal{O}(0; \{3^3, 5, 10^4\})$	408
30	$\mathcal{O}(0; \{2, 3, 5, 6, 10^4\})$	408
30	$\mathcal{O}(0; \{2^8, 3, 5, 15\})$	8
30	$\mathcal{O}(0; \{2^4, 3^4, 5, 15\})$	40
30	$\mathcal{O}(0; \{2^5, 3^2, 5, 6, 15\})$	24
30	$\mathcal{O}(0; \{2, 3^5, 5, 6, 15\})$	168
30	$\mathcal{O}(0; \{2^6, 5, 6^2, 15\})$	8
30	$\mathcal{O}(0; \{2^2, 3^3, 5, 6^2, 15\})$	88
30	$\mathcal{O}(0; \{2^3, 3, 5, 6^3, 15\})$	40

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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	$\mathcal{O}(0; \{3^2, 5, 6^4, 15\})$	168
30	$\mathcal{O}(0; \{2, 5, 6^5, 15\})$	88
30	$\mathcal{O}(0; \{2^3, 3, 5^3, 10, 15\})$	408
30	$\mathcal{O}(0; \{3^2, 5^3, 6, 10, 15\})$	1224
30	$\mathcal{O}(0; \{2, 5^3, 6^2, 10, 15\})$	408
30	$\mathcal{O}(0; \{2^6, 3, 10^2, 15\})$	24
30	$\mathcal{O}(0; \{2^2, 3^4, 10^2, 15\})$	120
30	$\mathcal{O}(0; \{2^3, 3^2, 6, 10^2, 15\})$	72
30	$\mathcal{O}(0; \{2^4, 6^2, 10^2, 15\})$	24
30	$\mathcal{O}(0; \{3^3, 6^2, 10^2, 15\})$	264
30	$\mathcal{O}(0; \{2, 3, 6^3, 10^2, 15\})$	120
30	$\mathcal{O}(0; \{2, 3, 5^2, 10^3, 15\})$	1640
30	$\mathcal{O}(0; \{2, 5^4, 6, 15^2\})$	1640
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 10, 15^2\})$	312
30	$\mathcal{O}(0; \{2^4, 5, 6, 10, 15^2\})$	104
30	$\mathcal{O}(0; \{3^3, 5, 6, 10, 15^2\})$	1144
30	$\mathcal{O}(0; \{2, 3, 5, 6^2, 10, 15^2\})$	520
30	$\mathcal{O}(0; \{2, 3^2, 10^3, 15^2\})$	1224
30	$\mathcal{O}(0; \{2^2, 6, 10^3, 15^2\})$	408
30	$\mathcal{O}(0; \{2^4, 5^2, 15^3\})$	408
30	$\mathcal{O}(0; \{2, 3, 5^2, 6, 15^3\})$	2040
30	$\mathcal{O}(0; \{2^2, 5, 10^2, 15^3\})$	1640
30	$\mathcal{O}(0; \{10^4, 15^3\})$	6552
30	$\mathcal{O}(0; \{2^4, 3, 15^4\})$	520
30	$\mathcal{O}(0; \{2, 3^2, 6, 15^4\})$	2184
30	$\mathcal{O}(0; \{2^2, 6^2, 15^4\})$	1144
30	$\mathcal{O}(0; \{6, 10, 15^5\})$	18040
30	$\mathcal{O}(0; \{2^5, 3^2, 5^2, 30\})$	24
30	$\mathcal{O}(0; \{2, 3^5, 5^2, 30\})$	264
30	$\mathcal{O}(0; \{2^6, 5^2, 6, 30\})$	24
30	$\mathcal{O}(0; \{2^2, 3^3, 5^2, 6, 30\})$	120
30	$\mathcal{O}(0; \{2^3, 3, 5^2, 6^2, 30\})$	72
30	$\mathcal{O}(0; \{3^2, 5^2, 6^3, 30\})$	264
30	$\mathcal{O}(0; \{2, 5^2, 6^4, 30\})$	120
30	$\mathcal{O}(0; \{3^2, 5^4, 10, 30\})$	1640
30	$\mathcal{O}(0; \{2, 5^4, 6, 10, 30\})$	1640
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 10^2, 30\})$	104
30	$\mathcal{O}(0; \{2^4, 5, 6, 10^2, 30\})$	104
30	$\mathcal{O}(0; \{3^3, 5, 6, 10^2, 30\})$	520
30	$\mathcal{O}(0; \{2, 3, 5, 6^2, 10^2, 30\})$	312
30	$\mathcal{O}(0; \{2, 3^2, 10^4, 30\})$	408
30	$\mathcal{O}(0; \{2^2, 6, 10^4, 30\})$	408
30	$\mathcal{O}(0; \{2^9, 15, 30\})$	8

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2^5, 3^3, 15, 30\})$	40
30	$\mathcal{O}(0; \{2, 3^6, 15, 30\})$	344
30	$\mathcal{O}(0; \{2, 5^5, 15, 30\})$	6552
30	$\mathcal{O}(0; \{2^6, 3, 6, 15, 30\})$	24
30	$\mathcal{O}(0; \{2^2, 3^4, 6, 15, 30\})$	168
30	$\mathcal{O}(0; \{2^3, 3^2, 6^2, 15, 30\})$	88
30	$\mathcal{O}(0; \{2^4, 6^3, 15, 30\})$	40
30	$\mathcal{O}(0; \{3^3, 6^3, 15, 30\})$	344
30	$\mathcal{O}(0; \{2, 3, 6^4, 15, 30\})$	168
30	$\mathcal{O}(0; \{2^4, 5^2, 10, 15, 30\})$	408
30	$\mathcal{O}(0; \{3^3, 5^2, 10, 15, 30\})$	2040
30	$\mathcal{O}(0; \{2, 3, 5^2, 6, 10, 15, 30\})$	1224
30	$\mathcal{O}(0; \{2^2, 5, 10^3, 15, 30\})$	1640
30	$\mathcal{O}(0; \{10^5, 15, 30\})$	6552
30	$\mathcal{O}(0; \{2, 3, 5^3, 15^2, 30\})$	4920
30	$\mathcal{O}(0; \{2^4, 3, 10, 15^2, 30\})$	312
30	$\mathcal{O}(0; \{3^4, 10, 15^2, 30\})$	2184
30	$\mathcal{O}(0; \{2, 3^2, 6, 10, 15^2, 30\})$	1144
30	$\mathcal{O}(0; \{2^2, 6^2, 10, 15^2, 30\})$	520
30	$\mathcal{O}(0; \{2, 3^2, 5, 15^3, 30\})$	4488
30	$\mathcal{O}(0; \{2^2, 5, 6, 15^3, 30\})$	2040
30	$\mathcal{O}(0; \{6, 10^2, 15^3, 30\})$	8200
30	$\mathcal{O}(0; \{5, 10, 15^4, 30\})$	32760
30	$\mathcal{O}(0; \{2^6, 3, 5, 30^2\})$	24
30	$\mathcal{O}(0; \{2^2, 3^4, 5, 30^2\})$	264
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 6, 30^2\})$	120
30	$\mathcal{O}(0; \{2^4, 5, 6^2, 30^2\})$	72
30	$\mathcal{O}(0; \{3^3, 5, 6^2, 30^2\})$	504
30	$\mathcal{O}(0; \{2, 3, 5, 6^3, 30^2\})$	264
30	$\mathcal{O}(0; \{2, 3, 5^3, 10, 30^2\})$	1640
30	$\mathcal{O}(0; \{2^4, 3, 10^2, 30^2\})$	104
30	$\mathcal{O}(0; \{3^4, 10^2, 30^2\})$	1144
30	$\mathcal{O}(0; \{2, 3^2, 6, 10^2, 30^2\})$	520
30	$\mathcal{O}(0; \{2^2, 6^2, 10^2, 30^2\})$	312
30	$\mathcal{O}(0; \{2, 3^2, 5, 10, 15, 30^2\})$	2040
30	$\mathcal{O}(0; \{2^2, 5, 6, 10, 15, 30^2\})$	1224
30	$\mathcal{O}(0; \{6, 10^3, 15, 30^2\})$	4920
30	$\mathcal{O}(0; \{2^2, 5^2, 15^2, 30^2\})$	4920
30	$\mathcal{O}(0; \{5, 10^2, 15^2, 30^2\})$	19656
30	$\mathcal{O}(0; \{2^2, 3, 15^3, 30^2\})$	4488
30	$\mathcal{O}(0; \{6^2, 15^3, 30^2\})$	8568
30	$\mathcal{O}(0; \{2^7, 30^3\})$	24
30	$\mathcal{O}(0; \{2^3, 3^3, 30^3\})$	264

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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	$\mathcal{O}(0; \{2^4, 3, 6, 30^3\})$	120
30	$\mathcal{O}(0; \{3^4, 6, 30^3\})$	1032
30	$\mathcal{O}(0; \{2, 3^2, 6^2, 30^3\})$	504
30	$\mathcal{O}(0; \{2^2, 6^3, 30^3\})$	264
30	$\mathcal{O}(0; \{2^2, 5^2, 10, 30^3\})$	1640
30	$\mathcal{O}(0; \{5, 10^3, 30^3\})$	6552
30	$\mathcal{O}(0; \{2^2, 3, 10, 15, 30^3\})$	2040
30	$\mathcal{O}(0; \{6^2, 10, 15, 30^3\})$	4488
30	$\mathcal{O}(0; \{5, 6, 15^2, 30^3\})$	18040
30	$\mathcal{O}(0; \{5, 6, 10, 30^4\})$	8200
30	$\mathcal{O}(0; \{5^2, 15, 30^4\})$	32760
30	$\mathcal{O}(0; \{3, 15^2, 30^4\})$	34440
30	$\mathcal{O}(0; \{3, 10, 30^5\})$	18040
32	$\mathcal{O}(1; \{2^3, 4, 16^2\})$	12288
32	$\mathcal{O}(1; \{4^3, 16^2\})$	49152
32	$\mathcal{O}(1; \{2, 8^2, 16^2\})$	98304
32	$\mathcal{O}(1; \{2, 4, 16, 32^2\})$	262144
32	$\mathcal{O}(0; \{2^5, 4, 16, 32^2\})$	256
32	$\mathcal{O}(0; \{2^2, 4^3, 16, 32^2\})$	1024
32	$\mathcal{O}(0; \{2^3, 8^2, 16, 32^2\})$	2048
32	$\mathcal{O}(0; \{4^2, 8^2, 16, 32^2\})$	8192
32	$\mathcal{O}(0; \{2, 8, 16^3, 32^2\})$	32768
32	$\mathcal{O}(0; \{2^3, 4, 32^4\})$	8192
32	$\mathcal{O}(0; \{4^3, 32^4\})$	32768
32	$\mathcal{O}(0; \{2, 8^2, 32^4\})$	65536
33	$\mathcal{O}(3; \emptyset)$	1289695680
33	$\mathcal{O}(2; \{3^3\})$	2371680
33	$\mathcal{O}(1; \{3^6\})$	23760
33	$\mathcal{O}(0; \{3^2, 11^3, 33^2\})$	54540
34	$\mathcal{O}(2; \{17^2\})$	20045040
34	$\mathcal{O}(1; \{2^4, 17^2\})$	18496
34	$\mathcal{O}(1; \{2^2, 17, 34^2\})$	277440
34	$\mathcal{O}(1; \{34^4\})$	4457536
34	$\mathcal{O}(0; \{2^8, 17^2\})$	16
34	$\mathcal{O}(0; \{2^6, 17, 34^2\})$	240
34	$\mathcal{O}(0; \{2^4, 34^4\})$	3856
35	$\mathcal{O}(1; \{7, 35^3\})$	2734200
35	$\mathcal{O}(0; \{5^4, 7^3\})$	1560
36	$\mathcal{O}(2; \{6^2\})$	3110400
36	$\mathcal{O}(1; \{2^2, 3^4\})$	5184
36	$\mathcal{O}(1; \{2^3, 3^2, 6\})$	1728
36	$\mathcal{O}(1; \{3^2, 4^2, 6\})$	4608
36	$\mathcal{O}(1; \{2^4, 6^2\})$	1728

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{3^3, 6^2\})$	8640
36	$\mathcal{O}(1; \{2, 4^2, 6^2\})$	4608
36	$\mathcal{O}(1; \{2, 3, 6^3\})$	5184
36	$\mathcal{O}(1; \{2^2, 9^3\})$	17496
36	$\mathcal{O}(1; \{3^3, 4, 12\})$	13824
36	$\mathcal{O}(1; \{2, 3, 4, 6, 12\})$	4608
36	$\mathcal{O}(1; \{2, 3^2, 12^2\})$	13824
36	$\mathcal{O}(1; \{2^2, 6, 12^2\})$	4608
36	$\mathcal{O}(1; \{12^4\})$	55296
36	$\mathcal{O}(1; \{2, 3^2, 9, 18\})$	23328
36	$\mathcal{O}(1; \{2^2, 6, 9, 18\})$	11664
36	$\mathcal{O}(1; \{9, 12^2, 18\})$	62208
36	$\mathcal{O}(1; \{9^2, 18^2\})$	157464
36	$\mathcal{O}(1; \{6, 18^3\})$	34992
36	$\mathcal{O}(1; \{9^2, 12, 36\})$	93312
36	$\mathcal{O}(1; \{2^2, 4, 18, 36\})$	15552
36	$\mathcal{O}(1; \{6, 12, 18, 36\})$	62208
36	$\mathcal{O}(1; \{6, 9, 36^2\})$	93312
36	$\mathcal{O}(1; \{4, 36^3\})$	186624
36	$\mathcal{O}(0; \{2^3, 4^2, 9^3\})$	36
36	$\mathcal{O}(0; \{4^4, 9^3\})$	144
36	$\mathcal{O}(0; \{3, 4^2, 6, 9^3\})$	144
36	$\mathcal{O}(0; \{3^2, 4, 9^3, 12\})$	288
36	$\mathcal{O}(0; \{2, 4, 6, 9^3, 12\})$	144
36	$\mathcal{O}(0; \{2, 3, 9^3, 12^2\})$	288
36	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 9, 18\})$	48
36	$\mathcal{O}(0; \{2^3, 4^2, 6, 9, 18\})$	24
36	$\mathcal{O}(0; \{4^4, 6, 9, 18\})$	96
36	$\mathcal{O}(0; \{3, 4^2, 6^2, 9, 18\})$	96
36	$\mathcal{O}(0; \{2^3, 3, 4, 9, 12, 18\})$	48
36	$\mathcal{O}(0; \{3, 4^3, 9, 12, 18\})$	192
36	$\mathcal{O}(0; \{3^2, 4, 6, 9, 12, 18\})$	192
36	$\mathcal{O}(0; \{2, 4, 6^2, 9, 12, 18\})$	96
36	$\mathcal{O}(0; \{2^4, 9, 12^2, 18\})$	48
36	$\mathcal{O}(0; \{3^3, 9, 12^2, 18\})$	384
36	$\mathcal{O}(0; \{2, 4^2, 9, 12^2, 18\})$	192
36	$\mathcal{O}(0; \{2, 3, 6, 9, 12^2, 18\})$	192
36	$\mathcal{O}(0; \{2, 4^2, 9^2, 18^2\})$	324
36	$\mathcal{O}(0; \{3^2, 4^2, 18^3\})$	144
36	$\mathcal{O}(0; \{2, 4^2, 6, 18^3\})$	72
36	$\mathcal{O}(0; \{2, 3, 4, 12, 18^3\})$	144
36	$\mathcal{O}(0; \{2^2, 12^2, 18^3\})$	144
36	$\mathcal{O}(0; \{2^3, 3, 4, 9^2, 36\})$	72

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{3, 4^3, 9^2, 36\})$	288
36	$\mathcal{O}(0; \{3^2, 4, 6, 9^2, 36\})$	288
36	$\mathcal{O}(0; \{2, 4, 6^2, 9^2, 36\})$	144
36	$\mathcal{O}(0; \{2^4, 9^2, 12, 36\})$	72
36	$\mathcal{O}(0; \{3^3, 9^2, 12, 36\})$	576
36	$\mathcal{O}(0; \{2, 4^2, 9^2, 12, 36\})$	288
36	$\mathcal{O}(0; \{2, 3, 6, 9^2, 12, 36\})$	288
36	$\mathcal{O}(0; \{2^6, 4, 18, 36\})$	12
36	$\mathcal{O}(0; \{2^2, 3^3, 4, 18, 36\})$	96
36	$\mathcal{O}(0; \{2^3, 4^3, 18, 36\})$	48
36	$\mathcal{O}(0; \{4^5, 18, 36\})$	192
36	$\mathcal{O}(0; \{2^3, 3, 4, 6, 18, 36\})$	48
36	$\mathcal{O}(0; \{3, 4^3, 6, 18, 36\})$	192
36	$\mathcal{O}(0; \{3^2, 4, 6^2, 18, 36\})$	192
36	$\mathcal{O}(0; \{2, 4, 6^3, 18, 36\})$	96
36	$\mathcal{O}(0; \{2^3, 3^2, 12, 18, 36\})$	96
36	$\mathcal{O}(0; \{3^2, 4^2, 12, 18, 36\})$	384
36	$\mathcal{O}(0; \{2^4, 6, 12, 18, 36\})$	48
36	$\mathcal{O}(0; \{3^3, 6, 12, 18, 36\})$	384
36	$\mathcal{O}(0; \{2, 4^2, 6, 12, 18, 36\})$	192
36	$\mathcal{O}(0; \{2, 3, 6^2, 12, 18, 36\})$	192
36	$\mathcal{O}(0; \{2, 3, 4, 12^2, 18, 36\})$	384
36	$\mathcal{O}(0; \{2^2, 12^3, 18, 36\})$	384
36	$\mathcal{O}(0; \{2, 3, 4, 9, 18^2, 36\})$	648
36	$\mathcal{O}(0; \{2^2, 9, 12, 18^2, 36\})$	648
36	$\mathcal{O}(0; \{12, 18^4, 36\})$	3240
36	$\mathcal{O}(0; \{2^3, 3^2, 9, 36^2\})$	144
36	$\mathcal{O}(0; \{3^2, 4^2, 9, 36^2\})$	576
36	$\mathcal{O}(0; \{2^4, 6, 9, 36^2\})$	72
36	$\mathcal{O}(0; \{3^3, 6, 9, 36^2\})$	576
36	$\mathcal{O}(0; \{2, 4^2, 6, 9, 36^2\})$	288
36	$\mathcal{O}(0; \{2, 3, 6^2, 9, 36^2\})$	288
36	$\mathcal{O}(0; \{2, 3, 4, 9, 12, 36^2\})$	576
36	$\mathcal{O}(0; \{2^2, 9, 12^2, 36^2\})$	576
36	$\mathcal{O}(0; \{2^2, 9^2, 18, 36^2\})$	1620
36	$\mathcal{O}(0; \{2, 3^2, 18^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{2^2, 6, 18^2, 36^2\})$	648
36	$\mathcal{O}(0; \{12^2, 18^2, 36^2\})$	5184
36	$\mathcal{O}(0; \{9, 18^3, 36^2\})$	10692
36	$\mathcal{O}(0; \{2^4, 4, 36^3\})$	144
36	$\mathcal{O}(0; \{3^3, 4, 36^3\})$	1152
36	$\mathcal{O}(0; \{2, 4^3, 36^3\})$	576
36	$\mathcal{O}(0; \{2, 3, 4, 6, 36^3\})$	576

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2, 3^2, 12, 36^3\})$	1152
36	$\mathcal{O}(0; \{2^2, 6, 12, 36^3\})$	576
36	$\mathcal{O}(0; \{12^3, 36^3\})$	4608
36	$\mathcal{O}(0; \{9, 12, 18, 36^3\})$	12960
36	$\mathcal{O}(0; \{9^2, 36^4\})$	42768
36	$\mathcal{O}(0; \{6, 18, 36^4\})$	12960
39	$\mathcal{O}(0; \{3, 13^3, 39^2\})$	38280
40	$\mathcal{O}(1; \{4^2, 10^2\})$	9600
40	$\mathcal{O}(1; \{4, 5^2, 20\})$	28800
40	$\mathcal{O}(1; \{2, 10, 20^2\})$	28800
40	$\mathcal{O}(1; \{2, 8, 20, 40\})$	51200
40	$\mathcal{O}(0; \{2^2, 4, 8^2, 10^2\})$	32
40	$\mathcal{O}(0; \{8^4, 10^2\})$	256
40	$\mathcal{O}(0; \{2^2, 5^2, 8^2, 20\})$	96
40	$\mathcal{O}(0; \{5, 8^2, 10^2, 20\})$	416
40	$\mathcal{O}(0; \{4, 8^2, 10, 20^2\})$	384
40	$\mathcal{O}(0; \{2^2, 4, 5, 8, 10, 40\})$	96
40	$\mathcal{O}(0; \{5, 8^3, 10, 40\})$	768
40	$\mathcal{O}(0; \{4, 8, 10^3, 40\})$	416
40	$\mathcal{O}(0; \{2^5, 8, 20, 40\})$	32
40	$\mathcal{O}(0; \{2^2, 4^2, 8, 20, 40\})$	128
40	$\mathcal{O}(0; \{4, 8^3, 20, 40\})$	1024
40	$\mathcal{O}(0; \{5^2, 8, 10, 20, 40\})$	1632
40	$\mathcal{O}(0; \{4, 5, 8, 20^2, 40\})$	1664
40	$\mathcal{O}(0; \{2^2, 4, 5^2, 40^2\})$	416
40	$\mathcal{O}(0; \{5^2, 8^2, 40^2\})$	3328
40	$\mathcal{O}(0; \{4, 5, 10^2, 40^2\})$	1632
40	$\mathcal{O}(0; \{5^3, 20, 40^2\})$	6560
40	$\mathcal{O}(0; \{2^3, 10, 20, 40^2\})$	416
40	$\mathcal{O}(0; \{4^2, 10, 20, 40^2\})$	1664
40	$\mathcal{O}(0; \{2, 20^3, 40^2\})$	6528
40	$\mathcal{O}(0; \{2^3, 8, 40^3\})$	768
40	$\mathcal{O}(0; \{4^2, 8, 40^3\})$	3072
40	$\mathcal{O}(0; \{2, 10, 40^4\})$	13056
42	$\mathcal{O}(1; \{2, 7^2, 14\})$	47040
42	$\mathcal{O}(1; \{3^2, 7, 21\})$	15876
42	$\mathcal{O}(1; \{2, 6, 7, 21\})$	21168
42	$\mathcal{O}(0; \{2, 3^3, 7^2, 14\})$	60
42	$\mathcal{O}(0; \{2^2, 3, 6, 7^2, 14\})$	60
42	$\mathcal{O}(0; \{6^3, 7^2, 14\})$	60
42	$\mathcal{O}(0; \{3, 6, 7, 14^3\})$	372
42	$\mathcal{O}(0; \{2^4, 3^2, 7, 21\})$	12
42	$\mathcal{O}(0; \{2^5, 6, 7, 21\})$	12

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{2, 3^3, 6, 7, 21\})$	60
42	$\mathcal{O}(0; \{2^2, 3, 6^2, 7, 21\})$	36
42	$\mathcal{O}(0; \{6^4, 7, 21\})$	60
42	$\mathcal{O}(0; \{2^2, 3^2, 14^2, 21\})$	60
42	$\mathcal{O}(0; \{2^3, 6, 14^2, 21\})$	60
42	$\mathcal{O}(0; \{3, 6^2, 14^2, 21\})$	180
42	$\mathcal{O}(0; \{2, 7, 14, 21^3\})$	2220
42	$\mathcal{O}(0; \{2, 6, 21^4\})$	1860
42	$\mathcal{O}(0; \{3, 7^3, 14, 42\})$	2220
42	$\mathcal{O}(0; \{2^3, 7^2, 21, 42\})$	372
42	$\mathcal{O}(0; \{3, 6, 7^2, 21, 42\})$	1116
42	$\mathcal{O}(0; \{2, 7, 14^2, 21, 42\})$	2220
42	$\mathcal{O}(0; \{3^2, 14, 21^2, 42\})$	1860
42	$\mathcal{O}(0; \{2, 6, 14, 21^2, 42\})$	1116
42	$\mathcal{O}(0; \{2^2, 3^2, 7, 42^2\})$	180
42	$\mathcal{O}(0; \{2^3, 6, 7, 42^2\})$	60
42	$\mathcal{O}(0; \{3, 6^2, 7, 42^2\})$	300
42	$\mathcal{O}(0; \{3^2, 14^2, 42^2\})$	1116
42	$\mathcal{O}(0; \{2, 6, 14^2, 42^2\})$	372
42	$\mathcal{O}(0; \{2, 7^2, 42^3\})$	2220
44	$\mathcal{O}(2; \{2^2\})$	3513600
44	$\mathcal{O}(1; \{2^6\})$	1440
44	$\mathcal{O}(1; \{2^3, 4^2\})$	3840
44	$\mathcal{O}(1; \{4^4\})$	15360
44	$\mathcal{O}(0; \{2, 4, 11^2, 22, 44\})$	1820
45	$\mathcal{O}(1; \{3^2, 5^2\})$	14400
45	$\mathcal{O}(1; \{45^3\})$	437400
45	$\mathcal{O}(0; \{3, 5^2, 9^3\})$	144
45	$\mathcal{O}(0; \{3, 5^3, 9, 45\})$	624
45	$\mathcal{O}(0; \{3^2, 5, 9, 15, 45\})$	576
45	$\mathcal{O}(0; \{3^3, 45^3\})$	1728
46	$\mathcal{O}(1; \{23^3\})$	733194
46	$\mathcal{O}(0; \{2^4, 23^3\})$	462
46	$\mathcal{O}(0; \{2^2, 23^2, 46^2\})$	10186
46	$\mathcal{O}(0; \{23, 46^4\})$	224070
48	$\mathcal{O}(1; \{2^2, 8^2\})$	6144
48	$\mathcal{O}(1; \{8, 16^2\})$	65536
48	$\mathcal{O}(1; \{8, 12, 24\})$	27648
48	$\mathcal{O}(1; \{6, 24^2\})$	13824
48	$\mathcal{O}(1; \{6, 16, 48\})$	36864
48	$\mathcal{O}(0; \{3^3, 8, 16^2\})$	64
48	$\mathcal{O}(0; \{2, 3, 6, 8, 16^2\})$	64
48	$\mathcal{O}(0; \{2, 3, 4, 16^2, 24\})$	128

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{2^2, 12, 16^2, 24\})$	128
48	$\mathcal{O}(0; \{16^2, 24^3\})$	1024
48	$\mathcal{O}(0; \{2^3, 3^2, 16, 48\})$	16
48	$\mathcal{O}(0; \{3^2, 4^2, 16, 48\})$	64
48	$\mathcal{O}(0; \{2^4, 6, 16, 48\})$	16
48	$\mathcal{O}(0; \{3^3, 6, 16, 48\})$	80
48	$\mathcal{O}(0; \{2, 4^2, 6, 16, 48\})$	64
48	$\mathcal{O}(0; \{2, 3, 6^2, 16, 48\})$	48
48	$\mathcal{O}(0; \{2, 3, 4, 12, 16, 48\})$	64
48	$\mathcal{O}(0; \{2^2, 12^2, 16, 48\})$	64
48	$\mathcal{O}(0; \{2^2, 8, 16, 24, 48\})$	256
48	$\mathcal{O}(0; \{16^3, 24, 48\})$	4096
48	$\mathcal{O}(0; \{12, 16, 24^2, 48\})$	1536
48	$\mathcal{O}(0; \{2, 3, 4, 8, 48^2\})$	128
48	$\mathcal{O}(0; \{2^2, 8, 12, 48^2\})$	128
48	$\mathcal{O}(0; \{12, 16^2, 48^2\})$	2048
48	$\mathcal{O}(0; \{2, 3^2, 24, 48^2\})$	320
48	$\mathcal{O}(0; \{2^2, 6, 24, 48^2\})$	192
48	$\mathcal{O}(0; \{12^2, 24, 48^2\})$	1280
48	$\mathcal{O}(0; \{8, 24^2, 48^2\})$	3072
48	$\mathcal{O}(0; \{8, 16, 48^3\})$	4096
48	$\mathcal{O}(0; \{6, 48^4\})$	5120
50	$\mathcal{O}(0; \{2^2, 5, 10, 25, 50\})$	320
50	$\mathcal{O}(0; \{10^3, 25, 50\})$	1280
50	$\mathcal{O}(0; \{5, 10, 50^3\})$	4800
51	$\mathcal{O}(1; \{3, 17, 51\})$	83232
51	$\mathcal{O}(0; \{3^4, 17, 51\})$	160
51	$\mathcal{O}(0; \{3, 51^4\})$	38560
52	$\mathcal{O}(0; \{4, 13^2, 26, 52\})$	3192
54	$\mathcal{O}(1; \{3, 9^2\})$	23328
54	$\mathcal{O}(1; \{2, 27, 54\})$	52488
54	$\mathcal{O}(0; \{2^5, 27, 54\})$	18
54	$\mathcal{O}(0; \{2, 3^3, 27, 54\})$	144
54	$\mathcal{O}(0; \{2^2, 3, 6, 27, 54\})$	72
54	$\mathcal{O}(0; \{6^3, 27, 54\})$	144
54	$\mathcal{O}(0; \{3, 9, 18, 27, 54\})$	1296
54	$\mathcal{O}(0; \{2^3, 54^3\})$	162
54	$\mathcal{O}(0; \{3, 6, 54^3\})$	648
55	$\mathcal{O}(1; \{5^3\})$	36000
55	$\mathcal{O}(0; \{5^2, 11^2, 55\})$	1080
56	$\mathcal{O}(0; \{4, 8^2, 14^2\})$	48
56	$\mathcal{O}(0; \{2, 14, 28, 56^2\})$	1488
60	$\mathcal{O}(1; \{2, 5, 10\})$	9600

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{4, 5, 6, 10, 12\})$	16
60	$\mathcal{O}(0; \{3, 5, 10, 12^2\})$	16
60	$\mathcal{O}(0; \{4, 5^2, 12, 15\})$	48
60	$\mathcal{O}(0; \{4^2, 6, 15^2\})$	16
60	$\mathcal{O}(0; \{3, 4, 12, 15^2\})$	48
60	$\mathcal{O}(0; \{2, 12^2, 15^2\})$	48
60	$\mathcal{O}(0; \{3, 4, 10, 15, 20\})$	48
60	$\mathcal{O}(0; \{2, 10, 12, 15, 20\})$	48
60	$\mathcal{O}(0; \{3, 5, 6, 20^2\})$	48
60	$\mathcal{O}(0; \{4^2, 6, 10, 30\})$	16
60	$\mathcal{O}(0; \{3, 4, 10, 12, 30\})$	16
60	$\mathcal{O}(0; \{2, 10, 12^2, 30\})$	16
60	$\mathcal{O}(0; \{4^2, 5, 15, 30\})$	48
60	$\mathcal{O}(0; \{3^2, 20^2, 30\})$	48
60	$\mathcal{O}(0; \{2, 6, 20^2, 30\})$	48
60	$\mathcal{O}(0; \{2^2, 3, 4, 5, 60\})$	16
60	$\mathcal{O}(0; \{4, 5, 6^2, 60\})$	16
60	$\mathcal{O}(0; \{3, 4, 10^2, 60\})$	48
60	$\mathcal{O}(0; \{2^3, 5, 12, 60\})$	16
60	$\mathcal{O}(0; \{4^2, 5, 12, 60\})$	64
60	$\mathcal{O}(0; \{3, 5, 6, 12, 60\})$	48
60	$\mathcal{O}(0; \{2, 10^2, 12, 60\})$	48
60	$\mathcal{O}(0; \{3, 5^2, 20, 60\})$	208
60	$\mathcal{O}(0; \{3^2, 15, 20, 60\})$	144
60	$\mathcal{O}(0; \{2, 6, 15, 20, 60\})$	48
60	$\mathcal{O}(0; \{2^3, 4, 30, 60\})$	16
60	$\mathcal{O}(0; \{4^3, 30, 60\})$	64
60	$\mathcal{O}(0; \{3, 4, 6, 30, 60\})$	48
60	$\mathcal{O}(0; \{3^2, 12, 30, 60\})$	80
60	$\mathcal{O}(0; \{2, 6, 12, 30, 60\})$	48
60	$\mathcal{O}(0; \{2, 5, 20, 30, 60\})$	208
60	$\mathcal{O}(0; \{3^2, 10, 60^2\})$	144
60	$\mathcal{O}(0; \{2, 6, 10, 60^2\})$	48
60	$\mathcal{O}(0; \{2, 5, 15, 60^2\})$	208
60	$\mathcal{O}(0; \{2, 4, 60^3\})$	192
66	$\mathcal{O}(2; \emptyset)$	17568000
66	$\mathcal{O}(1; \{2^4\})$	3840
66	$\mathcal{O}(1; \{3^3\})$	6480
66	$\mathcal{O}(1; \{2, 3, 6\})$	8640
66	$\mathcal{O}(0; \{2, 3, 11, 22, 33\})$	180
67	$\mathcal{O}(1; \{67^2\})$	296274
68	$\mathcal{O}(1; \{34^2\})$	55488
68	$\mathcal{O}(0; \{2, 4^2, 34^2\})$	32

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
68	$\mathcal{O}(0; \{2^2, 34, 68^2\})$	480
68	$\mathcal{O}(0; \{68^4\})$	30848
69	$\mathcal{O}(1; \{23^2\})$	93104
69	$\mathcal{O}(0; \{3^3, 23^2\})$	44
69	$\mathcal{O}(0; \{23, 69^3\})$	20372
70	$\mathcal{O}(0; \{2, 5^2, 7, 14\})$	24
70	$\mathcal{O}(0; \{2^2, 14, 35, 70\})$	120
70	$\mathcal{O}(0; \{14, 70^3\})$	2232
72	$\mathcal{O}(1; \{12^2\})$	13824
72	$\mathcal{O}(0; \{18, 24^2, 36\})$	192
72	$\mathcal{O}(0; \{2^2, 9, 24, 72\})$	48
72	$\mathcal{O}(0; \{18^2, 24, 72\})$	144
72	$\mathcal{O}(0; \{2^2, 8, 36, 72\})$	48
72	$\mathcal{O}(0; \{12, 24, 36, 72\})$	384
72	$\mathcal{O}(0; \{12, 18, 72^2\})$	288
72	$\mathcal{O}(0; \{9, 36, 72^2\})$	1296
72	$\mathcal{O}(0; \{8, 72^3\})$	1152
75	$\mathcal{O}(0; \{5, 75^3\})$	2400
77	$\mathcal{O}(1; \{7^2\})$	35280
78	$\mathcal{O}(0; \{6, 13, 26, 39\})$	264
80	$\mathcal{O}(0; \{5, 16^2, 40\})$	128
80	$\mathcal{O}(0; \{4, 16, 40, 80\})$	256
80	$\mathcal{O}(0; \{5, 8, 80^2\})$	384
81	$\mathcal{O}(0; \{3, 81^3\})$	2916
84	$\mathcal{O}(0; \{4, 12, 21^2\})$	24
84	$\mathcal{O}(0; \{6, 7, 12, 28\})$	24
84	$\mathcal{O}(0; \{4, 12, 14, 42\})$	24
84	$\mathcal{O}(0; \{3, 28^2, 42\})$	120
84	$\mathcal{O}(0; \{3, 21, 28, 84\})$	120
84	$\mathcal{O}(0; \{4, 7, 42, 84\})$	120
84	$\mathcal{O}(0; \{3, 14, 84^2\})$	120
88	$\mathcal{O}(1; \{4^2\})$	11520
90	$\mathcal{O}(0; \{2^3, 45, 90\})$	24
90	$\mathcal{O}(0; \{3, 6, 45, 90\})$	96
90	$\mathcal{O}(0; \{2, 90^3\})$	216
92	$\mathcal{O}(0; \{4^2, 23, 46\})$	44
92	$\mathcal{O}(0; \{2, 23, 92^2\})$	924
96	$\mathcal{O}(0; \{3, 4, 32, 96\})$	64
96	$\mathcal{O}(0; \{2, 12, 32, 96\})$	64
99	$\mathcal{O}(1; \{3^2\})$	17280
102	$\mathcal{O}(0; \{2, 6, 51^2\})$	32
102	$\mathcal{O}(0; \{3^2, 34, 102\})$	32
102	$\mathcal{O}(0; \{2, 6, 34, 102\})$	32

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
108	$\mathcal{O}(0; \{2, 4, 54, 108\})$	36
110	$\mathcal{O}(0; \{2, 5, 11, 110\})$	40
132	$\mathcal{O}(1; \{2^2\})$	11520
134	$\mathcal{O}(0; \{2^2, 134^2\})$	66
135	$\mathcal{O}(0; \{135^3\})$	1944
136	$\mathcal{O}(0; \{68, 136^2\})$	1920
138	$\mathcal{O}(0; \{46, 69, 138\})$	924
140	$\mathcal{O}(0; \{28, 70, 140\})$	240
144	$\mathcal{O}(0; \{18, 48, 144\})$	96
144	$\mathcal{O}(0; \{16, 72, 144\})$	192
150	$\mathcal{O}(0; \{10, 75, 150\})$	160
153	$\mathcal{O}(0; \{9, 51, 153\})$	192
162	$\mathcal{O}(0; \{6, 81, 162\})$	108
180	$\mathcal{O}(0; \{4, 90, 180\})$	48
201	$\mathcal{O}(0; \{3, 201^2\})$	132
204	$\mathcal{O}(0; \{3, 68, 204\})$	64
268	$\mathcal{O}(0; \{2, 268^2\})$	132
270	$\mathcal{O}(0; \{2, 135, 270\})$	72

Table 8: 68-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(68; \emptyset)$	1
2	$\mathcal{O}(34; \{2^2\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^6\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{10}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{14}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{18}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{22}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{26}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{30}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{34}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{38}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{42}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{46}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{50}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{54}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{58}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{62}\})$	274877906944
2	$\mathcal{O}(18; \{2^{66}\})$	68719476736

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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	$\mathcal{O}(17; \{2^{70}\})$	17179869184
2	$\mathcal{O}(16; \{2^{74}\})$	4294967296
2	$\mathcal{O}(15; \{2^{78}\})$	1073741824
2	$\mathcal{O}(14; \{2^{82}\})$	268435456
2	$\mathcal{O}(13; \{2^{86}\})$	67108864
2	$\mathcal{O}(12; \{2^{90}\})$	16777216
2	$\mathcal{O}(11; \{2^{94}\})$	4194304
2	$\mathcal{O}(10; \{2^{98}\})$	1048576
2	$\mathcal{O}(9; \{2^{102}\})$	262144
2	$\mathcal{O}(8; \{2^{106}\})$	65536
2	$\mathcal{O}(7; \{2^{110}\})$	16384
2	$\mathcal{O}(6; \{2^{114}\})$	4096
2	$\mathcal{O}(5; \{2^{118}\})$	1024
2	$\mathcal{O}(4; \{2^{122}\})$	256
2	$\mathcal{O}(3; \{2^{126}\})$	64
2	$\mathcal{O}(2; \{2^{130}\})$	16
2	$\mathcal{O}(1; \{2^{134}\})$	4
2	$\mathcal{O}(0; \{2^{138}\})$	1
3	$\mathcal{O}(22; \{3^4\})$	5908625413101667397286
3	$\mathcal{O}(21; \{3^7\})$	4595597543523519086778
3	$\mathcal{O}(20; \{3^{10}\})$	4157921586997469649942
3	$\mathcal{O}(19; \{3^{13}\})$	3687825189247268402970
3	$\mathcal{O}(18; \{3^{16}\})$	3278967402698242797366
3	$\mathcal{O}(17; \{3^{19}\})$	2914537628197128931578
3	$\mathcal{O}(16; \{3^{22}\})$	2590711232074136605782
3	$\mathcal{O}(15; \{3^{25}\})$	2302853193163551081690
3	$\mathcal{O}(14; \{3^{28}\})$	2046980753406133469046
3	$\mathcal{O}(13; \{3^{31}\})$	1819538432220923669178
3	$\mathcal{O}(12; \{3^{34}\})$	1617367497002064924822
3	$\mathcal{O}(11; \{3^{37}\})$	1437659997146882464410
3	$\mathcal{O}(10; \{3^{40}\})$	1277919997484816230326
3	$\mathcal{O}(9; \{3^{43}\})$	1135928886650845459578
3	$\mathcal{O}(8; \{3^{46}\})$	1009714565912120911062
3	$\mathcal{O}(7; \{3^{49}\})$	897524058588523223130
3	$\mathcal{O}(6; \{3^{52}\})$	797799163189801609206
3	$\mathcal{O}(5; \{3^{55}\})$	709154811724267742778
3	$\mathcal{O}(4; \{3^{58}\})$	630359832643793588502
3	$\mathcal{O}(3; \{3^{61}\})$	560319851238927629850
3	$\mathcal{O}(2; \{3^{64}\})$	498062089990157893686
3	$\mathcal{O}(1; \{3^{67}\})$	442721857769029238778
3	$\mathcal{O}(0; \{3^{70}\})$	393530540239137101142
4	$\mathcal{O}(17; \{4^2\})$	590295810358705651712
4	$\mathcal{O}(16; \{2^4, 4^2\})$	36893488147419103232

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(16; \{2, 4^4\})$	147573952589676412928
4	$\mathcal{O}(15; \{2^8, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2^5, 4^4\})$	9223372036854775808
4	$\mathcal{O}(15; \{2^2, 4^6\})$	36893488147419103232
4	$\mathcal{O}(14; \{2^{12}, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^9, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^6, 4^6\})$	2305843009213693952
4	$\mathcal{O}(14; \{2^3, 4^8\})$	9223372036854775808
4	$\mathcal{O}(14; \{4^{10}\})$	36893488147419103232
4	$\mathcal{O}(13; \{2^{16}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^{13}, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^{10}, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^7, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{2^4, 4^{10}\})$	2305843009213693952
4	$\mathcal{O}(13; \{2, 4^{12}\})$	9223372036854775808
4	$\mathcal{O}(12; \{2^{20}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{17}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{14}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^{11}, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^8, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2^5, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(12; \{2^2, 4^{14}\})$	2305843009213693952
4	$\mathcal{O}(11; \{2^{24}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{21}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{18}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{15}, 4^8\})$	2251799813685248
4	$\mathcal{O}(11; \{2^{12}, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^9, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(11; \{2^6, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(11; \{2^3, 4^{16}\})$	576460752303423488
4	$\mathcal{O}(11; \{4^{18}\})$	2305843009213693952
4	$\mathcal{O}(10; \{2^{28}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{25}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{22}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{19}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^{16}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^{13}, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^{10}, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^7, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(10; \{2^4, 4^{18}\})$	144115188075855872
4	$\mathcal{O}(10; \{2, 4^{20}\})$	576460752303423488
4	$\mathcal{O}(9; \{2^{32}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{29}, 4^4\})$	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	$\mathcal{O}(9; \{2^{26}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{23}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{20}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{17}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^{14}, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^{11}, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^8, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(9; \{2^5, 4^{20}\})$	36028797018963968
4	$\mathcal{O}(9; \{2^2, 4^{22}\})$	144115188075855872
4	$\mathcal{O}(8; \{2^{36}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{33}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{30}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{27}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{24}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{21}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{18}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^{15}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^{12}, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^9, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^6, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(8; \{2^3, 4^{24}\})$	36028797018963968
4	$\mathcal{O}(8; \{4^{26}\})$	144115188075855872
4	$\mathcal{O}(7; \{2^{40}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{37}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{34}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{31}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{28}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{25}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{22}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{19}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{16}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^{13}, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^{10}, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^7, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(7; \{2^4, 4^{26}\})$	9007199254740992
4	$\mathcal{O}(7; \{2, 4^{28}\})$	36028797018963968
4	$\mathcal{O}(6; \{2^{44}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{41}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{38}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{35}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{32}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{29}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{26}, 4^{14}\})$	137438953472

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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	$\mathcal{O}(6; \{2^{23}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{20}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{17}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{14}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^{11}, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^8, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2^5, 4^{28}\})$	2251799813685248
4	$\mathcal{O}(6; \{2^2, 4^{30}\})$	9007199254740992
4	$\mathcal{O}(5; \{2^{48}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{45}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{42}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{39}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{36}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{33}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{30}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{27}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{24}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{21}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{18}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{15}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^{12}, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^9, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2^6, 4^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{2^3, 4^{32}\})$	2251799813685248
4	$\mathcal{O}(5; \{4^{34}\})$	9007199254740992
4	$\mathcal{O}(4; \{2^{52}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{49}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{46}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{43}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{40}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{37}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{34}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{31}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{28}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{25}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{22}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{19}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{16}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^{13}, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^{10}, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^7, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{2^4, 4^{34}\})$	562949953421312
4	$\mathcal{O}(4; \{2, 4^{36}\})$	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	$\mathcal{O}(3; \{2^{56}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{53}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{50}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{47}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{44}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{41}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{38}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{35}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{32}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{29}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{26}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{23}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{20}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{17}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{14}, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^{11}, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^8, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{2^5, 4^{36}\})$	140737488355328
4	$\mathcal{O}(3; \{2^2, 4^{38}\})$	562949953421312
4	$\mathcal{O}(2; \{2^{60}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{57}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{54}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{51}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{48}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{45}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{42}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{39}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{36}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{33}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{30}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{27}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{24}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{21}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{18}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{15}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^{12}, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^9, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^6, 4^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{2^3, 4^{40}\})$	140737488355328
4	$\mathcal{O}(2; \{4^{42}\})$	562949953421312
4	$\mathcal{O}(1; \{2^{64}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{61}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{58}, 4^6\})$	512

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{2^{55}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{52}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{49}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{46}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{43}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{40}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{37}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{34}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{31}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{28}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{25}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{22}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{19}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{16}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^{13}, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^{10}, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^7, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{2^4, 4^{42}\})$	35184372088832
4	$\mathcal{O}(1; \{2, 4^{44}\})$	140737488355328
4	$\mathcal{O}(0; \{2^{68}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{65}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{62}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{59}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{56}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{53}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{50}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{47}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{44}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{41}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{38}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{35}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{32}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{29}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{26}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{23}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{20}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{17}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{14}, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^{11}, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^8, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2^5, 4^{44}\})$	8796093022208
4	$\mathcal{O}(0; \{2^2, 4^{46}\})$	35184372088832
5	$\mathcal{O}(12; \{5^6\})$	48875808715820312500

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
5	$\mathcal{O}(10; \{5^{11}\})$	79999923706054687500
5	$\mathcal{O}(8; \{5^{16}\})$	131072000122070312500
5	$\mathcal{O}(6; \{5^{21}\})$	214748364799804687500
5	$\mathcal{O}(4; \{5^{26}\})$	351843720888320312500
5	$\mathcal{O}(2; \{5^{31}\})$	576460752303423487500
5	$\mathcal{O}(0; \{5^{36}\})$	944473296573929042740
6	$\mathcal{O}(11; \{2^2, 3^2\})$	263243407684534272
6	$\mathcal{O}(11; \{3, 6^2\})$	263243407684534272
6	$\mathcal{O}(10; \{2^6, 3^2\})$	7312316880125952
6	$\mathcal{O}(10; \{2^2, 3^5\})$	36561584400629760
6	$\mathcal{O}(10; \{2^3, 3^3, 6\})$	21936950640377856
6	$\mathcal{O}(10; \{2^4, 3, 6^2\})$	7312316880125952
6	$\mathcal{O}(10; \{3^4, 6^2\})$	80435485681385472
6	$\mathcal{O}(10; \{2, 3^2, 6^3\})$	36561584400629760
6	$\mathcal{O}(10; \{2^2, 6^4\})$	21936950640377856
6	$\mathcal{O}(9; \{2^{10}, 3^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^6, 3^5\})$	1015599566684160
6	$\mathcal{O}(9; \{2^2, 3^8\})$	8734156273483776
6	$\mathcal{O}(9; \{2^7, 3^3, 6\})$	609359740010496
6	$\mathcal{O}(9; \{2^3, 3^6, 6\})$	4265518180073472
6	$\mathcal{O}(9; \{2^8, 3, 6^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^4, 3^4, 6^2\})$	2234319046705152
6	$\mathcal{O}(9; \{3^7, 6^2\})$	17265192633630720
6	$\mathcal{O}(9; \{2^5, 3^2, 6^3\})$	1015599566684160
6	$\mathcal{O}(9; \{2, 3^5, 6^3\})$	8734156273483776
6	$\mathcal{O}(9; \{2^6, 6^4\})$	609359740010496
6	$\mathcal{O}(9; \{2^2, 3^3, 6^4\})$	4265518180073472
6	$\mathcal{O}(9; \{2^3, 3, 6^5\})$	2234319046705152
6	$\mathcal{O}(9; \{3^2, 6^6\})$	8734156273483776
6	$\mathcal{O}(9; \{2, 6^7\})$	4265518180073472
6	$\mathcal{O}(8; \{2^{14}, 3^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^{10}, 3^5\})$	28211099074560
6	$\mathcal{O}(8; \{2^6, 3^8\})$	242615452041216
6	$\mathcal{O}(8; \{2^2, 3^{11}\})$	1923996956884992
6	$\mathcal{O}(8; \{2^{11}, 3^3, 6\})$	16926659444736
6	$\mathcal{O}(8; \{2^7, 3^6, 6\})$	118486616113152
6	$\mathcal{O}(8; \{2^3, 3^9, 6\})$	964819588349952
6	$\mathcal{O}(8; \{2^{12}, 3, 6^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^8, 3^4, 6^2\})$	62064417964032
6	$\mathcal{O}(8; \{2^4, 3^7, 6^2\})$	479588684267520
6	$\mathcal{O}(8; \{3^{10}, 6^2\})$	3853636133584896
6	$\mathcal{O}(8; \{2^9, 3^2, 6^3\})$	28211099074560
6	$\mathcal{O}(8; \{2^5, 3^5, 6^3\})$	242615452041216

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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	$\mathcal{O}(8; \{2, 3^8, 6^3\})$	1923996956884992
6	$\mathcal{O}(8; \{2^{10}, 6^4\})$	16926659444736
6	$\mathcal{O}(8; \{2^6, 3^3, 6^4\})$	118486616113152
6	$\mathcal{O}(8; \{2^2, 3^6, 6^4\})$	964819588349952
6	$\mathcal{O}(8; \{2^7, 3, 6^5\})$	62064417964032
6	$\mathcal{O}(8; \{2^3, 3^4, 6^5\})$	479588684267520
6	$\mathcal{O}(8; \{2^4, 3^2, 6^6\})$	242615452041216
6	$\mathcal{O}(8; \{3^5, 6^6\})$	1923996956884992
6	$\mathcal{O}(8; \{2^5, 6^7\})$	118486616113152
6	$\mathcal{O}(8; \{2, 3^3, 6^7\})$	964819588349952
6	$\mathcal{O}(8; \{2^2, 3, 6^8\})$	479588684267520
6	$\mathcal{O}(8; \{6^{10}\})$	964819588349952
6	$\mathcal{O}(7; \{2^{18}, 3^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{14}, 3^5\})$	783641640960
6	$\mathcal{O}(7; \{2^{10}, 3^8\})$	6739318112256
6	$\mathcal{O}(7; \{2^6, 3^{11}\})$	53444359913472
6	$\mathcal{O}(7; \{2^2, 3^{14}\})$	428025064292352
6	$\mathcal{O}(7; \{2^{15}, 3^3, 6\})$	470184984576
6	$\mathcal{O}(7; \{2^{11}, 3^6, 6\})$	3291294892032
6	$\mathcal{O}(7; \{2^7, 3^9, 6\})$	26800544120832
6	$\mathcal{O}(7; \{2^3, 3^{12}, 6\})$	213934167982080
6	$\mathcal{O}(7; \{2^{16}, 3, 6^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{12}, 3^4, 6^2\})$	1724011610112
6	$\mathcal{O}(7; \{2^8, 3^7, 6^2\})$	13321907896320
6	$\mathcal{O}(7; \{2^4, 3^{10}, 6^2\})$	107045448155136
6	$\mathcal{O}(7; \{3^{13}, 6^2\})$	855893400256512
6	$\mathcal{O}(7; \{2^{13}, 3^2, 6^3\})$	783641640960
6	$\mathcal{O}(7; \{2^9, 3^5, 6^3\})$	6739318112256
6	$\mathcal{O}(7; \{2^5, 3^8, 6^3\})$	53444359913472
6	$\mathcal{O}(7; \{2, 3^{11}, 6^3\})$	428025064292352
6	$\mathcal{O}(7; \{2^{14}, 6^4\})$	470184984576
6	$\mathcal{O}(7; \{2^{10}, 3^3, 6^4\})$	3291294892032
6	$\mathcal{O}(7; \{2^6, 3^6, 6^4\})$	26800544120832
6	$\mathcal{O}(7; \{2^2, 3^9, 6^4\})$	213934167982080
6	$\mathcal{O}(7; \{2^{11}, 3, 6^5\})$	1724011610112
6	$\mathcal{O}(7; \{2^7, 3^4, 6^5\})$	13321907896320
6	$\mathcal{O}(7; \{2^3, 3^7, 6^5\})$	107045448155136
6	$\mathcal{O}(7; \{2^8, 3^2, 6^6\})$	6739318112256
6	$\mathcal{O}(7; \{2^4, 3^5, 6^6\})$	53444359913472
6	$\mathcal{O}(7; \{3^8, 6^6\})$	428025064292352
6	$\mathcal{O}(7; \{2^9, 6^7\})$	3291294892032
6	$\mathcal{O}(7; \{2^5, 3^3, 6^7\})$	26800544120832
6	$\mathcal{O}(7; \{2, 3^6, 6^7\})$	213934167982080

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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	$\mathcal{O}(7; \{2^6, 3, 6^8\})$	13321907896320
6	$\mathcal{O}(7; \{2^2, 3^4, 6^8\})$	107045448155136
6	$\mathcal{O}(7; \{2^3, 3^2, 6^9\})$	53444359913472
6	$\mathcal{O}(7; \{2^4, 6^{10}\})$	26800544120832
6	$\mathcal{O}(7; \{3^3, 6^{10}\})$	213934167982080
6	$\mathcal{O}(7; \{2, 3, 6^{11}\})$	107045448155136
6	$\mathcal{O}(6; \{2^{22}, 3^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{18}, 3^5\})$	21767823360
6	$\mathcal{O}(6; \{2^{14}, 3^8\})$	187203280896
6	$\mathcal{O}(6; \{2^{10}, 3^{11}\})$	1484565553152
6	$\mathcal{O}(6; \{2^6, 3^{14}\})$	11889585119232
6	$\mathcal{O}(6; \{2^2, 3^{17}\})$	95103620259840
6	$\mathcal{O}(6; \{2^{19}, 3^3, 6\})$	13060694016
6	$\mathcal{O}(6; \{2^{15}, 3^6, 6\})$	91424858112
6	$\mathcal{O}(6; \{2^{11}, 3^9, 6\})$	744459558912
6	$\mathcal{O}(6; \{2^7, 3^{12}, 6\})$	5942615777280
6	$\mathcal{O}(6; \{2^3, 3^{15}, 6\})$	47553986912256
6	$\mathcal{O}(6; \{2^{20}, 3, 6^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{16}, 3^4, 6^2\})$	47889211392
6	$\mathcal{O}(6; \{2^{12}, 3^7, 6^2\})$	370052997120
6	$\mathcal{O}(6; \{2^8, 3^{10}, 6^2\})$	2973484670976
6	$\mathcal{O}(6; \{2^4, 3^{13}, 6^2\})$	23774816673792
6	$\mathcal{O}(6; \{3^{16}, 6^2\})$	190211594084352
6	$\mathcal{O}(6; \{2^{17}, 3^2, 6^3\})$	21767823360
6	$\mathcal{O}(6; \{2^{13}, 3^5, 6^3\})$	187203280896
6	$\mathcal{O}(6; \{2^9, 3^8, 6^3\})$	1484565553152
6	$\mathcal{O}(6; \{2^5, 3^{11}, 6^3\})$	11889585119232
6	$\mathcal{O}(6; \{2, 3^{14}, 6^3\})$	95103620259840
6	$\mathcal{O}(6; \{2^{18}, 6^4\})$	13060694016
6	$\mathcal{O}(6; \{2^{14}, 3^3, 6^4\})$	91424858112
6	$\mathcal{O}(6; \{2^{10}, 3^6, 6^4\})$	744459558912
6	$\mathcal{O}(6; \{2^6, 3^9, 6^4\})$	5942615777280
6	$\mathcal{O}(6; \{2^2, 3^{12}, 6^4\})$	47553986912256
6	$\mathcal{O}(6; \{2^{15}, 3, 6^5\})$	47889211392
6	$\mathcal{O}(6; \{2^{11}, 3^4, 6^5\})$	370052997120
6	$\mathcal{O}(6; \{2^7, 3^7, 6^5\})$	2973484670976
6	$\mathcal{O}(6; \{2^3, 3^{10}, 6^5\})$	23774816673792
6	$\mathcal{O}(6; \{2^{12}, 3^2, 6^6\})$	187203280896
6	$\mathcal{O}(6; \{2^8, 3^5, 6^6\})$	1484565553152
6	$\mathcal{O}(6; \{2^4, 3^8, 6^6\})$	11889585119232
6	$\mathcal{O}(6; \{3^{11}, 6^6\})$	95103620259840
6	$\mathcal{O}(6; \{2^{13}, 6^7\})$	91424858112
6	$\mathcal{O}(6; \{2^9, 3^3, 6^7\})$	744459558912

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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	$\mathcal{O}(6; \{2^5, 3^6, 6^7\})$	5942615777280
6	$\mathcal{O}(6; \{2, 3^9, 6^7\})$	47553986912256
6	$\mathcal{O}(6; \{2^{10}, 3, 6^8\})$	370052997120
6	$\mathcal{O}(6; \{2^6, 3^4, 6^8\})$	2973484670976
6	$\mathcal{O}(6; \{2^2, 3^7, 6^8\})$	23774816673792
6	$\mathcal{O}(6; \{2^7, 3^2, 6^9\})$	1484565553152
6	$\mathcal{O}(6; \{2^3, 3^5, 6^9\})$	11889585119232
6	$\mathcal{O}(6; \{2^8, 6^{10}\})$	744459558912
6	$\mathcal{O}(6; \{2^4, 3^3, 6^{10}\})$	5942615777280
6	$\mathcal{O}(6; \{3^6, 6^{10}\})$	47553986912256
6	$\mathcal{O}(6; \{2^5, 3, 6^{11}\})$	2973484670976
6	$\mathcal{O}(6; \{2, 3^4, 6^{11}\})$	23774816673792
6	$\mathcal{O}(6; \{2^2, 3^2, 6^{12}\})$	11889585119232
6	$\mathcal{O}(6; \{2^3, 6^{13}\})$	5942615777280
6	$\mathcal{O}(6; \{3, 6^{14}\})$	23774816673792
6	$\mathcal{O}(5; \{2^{26}, 3^2\})$	120932352
6	$\mathcal{O}(5; \{2^{22}, 3^5\})$	604661760
6	$\mathcal{O}(5; \{2^{18}, 3^8\})$	5200091136
6	$\mathcal{O}(5; \{2^{14}, 3^{11}\})$	41237932032
6	$\mathcal{O}(5; \{2^{10}, 3^{14}\})$	330266253312
6	$\mathcal{O}(5; \{2^6, 3^{17}\})$	2641767229440
6	$\mathcal{O}(5; \{2^2, 3^{20}\})$	21134500632576
6	$\mathcal{O}(5; \{2^{23}, 3^3, 6\})$	362797056
6	$\mathcal{O}(5; \{2^{19}, 3^6, 6\})$	2539579392
6	$\mathcal{O}(5; \{2^{15}, 3^9, 6\})$	20679432192
6	$\mathcal{O}(5; \{2^{11}, 3^{12}, 6\})$	165072660480
6	$\mathcal{O}(5; \{2^7, 3^{15}, 6\})$	1320944080896
6	$\mathcal{O}(5; \{2^3, 3^{18}, 6\})$	10567189850112
6	$\mathcal{O}(5; \{2^{24}, 3, 6^2\})$	120932352
6	$\mathcal{O}(5; \{2^{20}, 3^4, 6^2\})$	1330255872
6	$\mathcal{O}(5; \{2^{16}, 3^7, 6^2\})$	10279249920
6	$\mathcal{O}(5; \{2^{12}, 3^{10}, 6^2\})$	82596796416
6	$\mathcal{O}(5; \{2^8, 3^{13}, 6^2\})$	660411574272
6	$\mathcal{O}(5; \{2^4, 3^{16}, 6^2\})$	5283655391232
6	$\mathcal{O}(5; \{3^{19}, 6^2\})$	42268880332800
6	$\mathcal{O}(5; \{2^{21}, 3^2, 6^3\})$	604661760
6	$\mathcal{O}(5; \{2^{17}, 3^5, 6^3\})$	5200091136
6	$\mathcal{O}(5; \{2^{13}, 3^8, 6^3\})$	41237932032
6	$\mathcal{O}(5; \{2^9, 3^{11}, 6^3\})$	330266253312
6	$\mathcal{O}(5; \{2^5, 3^{14}, 6^3\})$	2641767229440
6	$\mathcal{O}(5; \{2, 3^{17}, 6^3\})$	21134500632576
6	$\mathcal{O}(5; \{2^{22}, 6^4\})$	362797056
6	$\mathcal{O}(5; \{2^{18}, 3^3, 6^4\})$	2539579392

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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	$\mathcal{O}(5; \{2^{14}, 3^6, 6^4\})$	20679432192
6	$\mathcal{O}(5; \{2^{10}, 3^9, 6^4\})$	165072660480
6	$\mathcal{O}(5; \{2^6, 3^{12}, 6^4\})$	1320944080896
6	$\mathcal{O}(5; \{2^2, 3^{15}, 6^4\})$	10567189850112
6	$\mathcal{O}(5; \{2^{19}, 3, 6^5\})$	1330255872
6	$\mathcal{O}(5; \{2^{15}, 3^4, 6^5\})$	10279249920
6	$\mathcal{O}(5; \{2^{11}, 3^7, 6^5\})$	82596796416
6	$\mathcal{O}(5; \{2^7, 3^{10}, 6^5\})$	660411574272
6	$\mathcal{O}(5; \{2^3, 3^{13}, 6^5\})$	5283655391232
6	$\mathcal{O}(5; \{2^{16}, 3^2, 6^6\})$	5200091136
6	$\mathcal{O}(5; \{2^{12}, 3^5, 6^6\})$	41237932032
6	$\mathcal{O}(5; \{2^8, 3^8, 6^6\})$	330266253312
6	$\mathcal{O}(5; \{2^4, 3^{11}, 6^6\})$	2641767229440
6	$\mathcal{O}(5; \{3^{14}, 6^6\})$	21134500632576
6	$\mathcal{O}(5; \{2^{17}, 6^7\})$	2539579392
6	$\mathcal{O}(5; \{2^{13}, 3^3, 6^7\})$	20679432192
6	$\mathcal{O}(5; \{2^9, 3^6, 6^7\})$	165072660480
6	$\mathcal{O}(5; \{2^5, 3^9, 6^7\})$	1320944080896
6	$\mathcal{O}(5; \{2, 3^{12}, 6^7\})$	10567189850112
6	$\mathcal{O}(5; \{2^{14}, 3, 6^8\})$	10279249920
6	$\mathcal{O}(5; \{2^{10}, 3^4, 6^8\})$	82596796416
6	$\mathcal{O}(5; \{2^6, 3^7, 6^8\})$	660411574272
6	$\mathcal{O}(5; \{2^2, 3^{10}, 6^8\})$	5283655391232
6	$\mathcal{O}(5; \{2^{11}, 3^2, 6^9\})$	41237932032
6	$\mathcal{O}(5; \{2^7, 3^5, 6^9\})$	330266253312
6	$\mathcal{O}(5; \{2^3, 3^8, 6^9\})$	2641767229440
6	$\mathcal{O}(5; \{2^{12}, 6^{10}\})$	20679432192
6	$\mathcal{O}(5; \{2^8, 3^3, 6^{10}\})$	165072660480
6	$\mathcal{O}(5; \{2^4, 3^6, 6^{10}\})$	1320944080896
6	$\mathcal{O}(5; \{3^9, 6^{10}\})$	10567189850112
6	$\mathcal{O}(5; \{2^9, 3, 6^{11}\})$	82596796416
6	$\mathcal{O}(5; \{2^5, 3^4, 6^{11}\})$	660411574272
6	$\mathcal{O}(5; \{2, 3^7, 6^{11}\})$	5283655391232
6	$\mathcal{O}(5; \{2^6, 3^2, 6^{12}\})$	330266253312
6	$\mathcal{O}(5; \{2^2, 3^5, 6^{12}\})$	2641767229440
6	$\mathcal{O}(5; \{2^7, 6^{13}\})$	165072660480
6	$\mathcal{O}(5; \{2^3, 3^3, 6^{13}\})$	1320944080896
6	$\mathcal{O}(5; \{2^4, 3, 6^{14}\})$	660411574272
6	$\mathcal{O}(5; \{3^4, 6^{14}\})$	5283655391232
6	$\mathcal{O}(5; \{2, 3^2, 6^{15}\})$	2641767229440
6	$\mathcal{O}(5; \{2^2, 6^{16}\})$	1320944080896
6	$\mathcal{O}(4; \{2^{30}, 3^2\})$	3359232
6	$\mathcal{O}(4; \{2^{26}, 3^5\})$	16796160

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

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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	$\mathcal{O}(4; \{2^{12}, 3^8, 6^6\})$	9174062592
6	$\mathcal{O}(4; \{2^8, 3^{11}, 6^6\})$	73382423040
6	$\mathcal{O}(4; \{2^4, 3^{14}, 6^6\})$	587069462016
6	$\mathcal{O}(4; \{3^{17}, 6^6\})$	4696545618432
6	$\mathcal{O}(4; \{2^{21}, 6^7\})$	70543872
6	$\mathcal{O}(4; \{2^{17}, 3^3, 6^7\})$	574428672
6	$\mathcal{O}(4; \{2^{13}, 3^6, 6^7\})$	4585351680
6	$\mathcal{O}(4; \{2^9, 3^9, 6^7\})$	36692891136
6	$\mathcal{O}(4; \{2^5, 3^{12}, 6^7\})$	293533051392
6	$\mathcal{O}(4; \{2, 3^{15}, 6^7\})$	2348274488832
6	$\mathcal{O}(4; \{2^{18}, 3, 6^8\})$	285534720
6	$\mathcal{O}(4; \{2^{14}, 3^4, 6^8\})$	2294355456
6	$\mathcal{O}(4; \{2^{10}, 3^7, 6^8\})$	18344765952
6	$\mathcal{O}(4; \{2^6, 3^{10}, 6^8\})$	146768205312
6	$\mathcal{O}(4; \{2^2, 3^{13}, 6^8\})$	1174135564800
6	$\mathcal{O}(4; \{2^{15}, 3^2, 6^9\})$	1145498112
6	$\mathcal{O}(4; \{2^{11}, 3^5, 6^9\})$	9174062592
6	$\mathcal{O}(4; \{2^7, 3^8, 6^9\})$	73382423040
6	$\mathcal{O}(4; \{2^3, 3^{11}, 6^9\})$	587069462016
6	$\mathcal{O}(4; \{2^{16}, 6^{10}\})$	574428672
6	$\mathcal{O}(4; \{2^{12}, 3^3, 6^{10}\})$	4585351680
6	$\mathcal{O}(4; \{2^8, 3^6, 6^{10}\})$	36692891136
6	$\mathcal{O}(4; \{2^4, 3^9, 6^{10}\})$	293533051392
6	$\mathcal{O}(4; \{3^{12}, 6^{10}\})$	2348274488832
6	$\mathcal{O}(4; \{2^{13}, 3, 6^{11}\})$	2294355456
6	$\mathcal{O}(4; \{2^9, 3^4, 6^{11}\})$	18344765952
6	$\mathcal{O}(4; \{2^5, 3^7, 6^{11}\})$	146768205312
6	$\mathcal{O}(4; \{2, 3^{10}, 6^{11}\})$	1174135564800
6	$\mathcal{O}(4; \{2^{10}, 3^2, 6^{12}\})$	9174062592
6	$\mathcal{O}(4; \{2^6, 3^5, 6^{12}\})$	73382423040
6	$\mathcal{O}(4; \{2^2, 3^8, 6^{12}\})$	587069462016
6	$\mathcal{O}(4; \{2^{11}, 6^{13}\})$	4585351680
6	$\mathcal{O}(4; \{2^7, 3^3, 6^{13}\})$	36692891136
6	$\mathcal{O}(4; \{2^3, 3^6, 6^{13}\})$	293533051392
6	$\mathcal{O}(4; \{2^8, 3, 6^{14}\})$	18344765952
6	$\mathcal{O}(4; \{2^4, 3^4, 6^{14}\})$	146768205312
6	$\mathcal{O}(4; \{3^7, 6^{14}\})$	1174135564800
6	$\mathcal{O}(4; \{2^5, 3^2, 6^{15}\})$	73382423040
6	$\mathcal{O}(4; \{2, 3^5, 6^{15}\})$	587069462016
6	$\mathcal{O}(4; \{2^6, 6^{16}\})$	36692891136
6	$\mathcal{O}(4; \{2^2, 3^3, 6^{16}\})$	293533051392
6	$\mathcal{O}(4; \{2^3, 3, 6^{17}\})$	146768205312
6	$\mathcal{O}(4; \{3^2, 6^{18}\})$	587069462016

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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	$\mathcal{O}(4; \{2, 6^{19}\})$	293533051392
6	$\mathcal{O}(3; \{2^{34}, 3^2\})$	93312
6	$\mathcal{O}(3; \{2^{30}, 3^5\})$	466560
6	$\mathcal{O}(3; \{2^{26}, 3^8\})$	4012416
6	$\mathcal{O}(3; \{2^{22}, 3^{11}\})$	31819392
6	$\mathcal{O}(3; \{2^{18}, 3^{14}\})$	254835072
6	$\mathcal{O}(3; \{2^{14}, 3^{17}\})$	2038400640
6	$\mathcal{O}(3; \{2^{10}, 3^{20}\})$	16307485056
6	$\mathcal{O}(3; \{2^6, 3^{23}\})$	130459600512
6	$\mathcal{O}(3; \{2^2, 3^{26}\})$	1043677084032
6	$\mathcal{O}(3; \{2^{31}, 3^3, 6\})$	279936
6	$\mathcal{O}(3; \{2^{27}, 3^6, 6\})$	1959552
6	$\mathcal{O}(3; \{2^{23}, 3^9, 6\})$	15956352
6	$\mathcal{O}(3; \{2^{19}, 3^{12}, 6\})$	127370880
6	$\mathcal{O}(3; \{2^{15}, 3^{15}, 6\})$	1019246976
6	$\mathcal{O}(3; \{2^{11}, 3^{18}, 6\})$	8153695872
6	$\mathcal{O}(3; \{2^7, 3^{21}, 6\})$	65229846912
6	$\mathcal{O}(3; \{2^3, 3^{24}, 6\})$	521838495360
6	$\mathcal{O}(3; \{2^{32}, 3, 6^2\})$	93312
6	$\mathcal{O}(3; \{2^{28}, 3^4, 6^2\})$	1026432
6	$\mathcal{O}(3; \{2^{24}, 3^7, 6^2\})$	7931520
6	$\mathcal{O}(3; \{2^{20}, 3^{10}, 6^2\})$	63732096
6	$\mathcal{O}(3; \{2^{16}, 3^{13}, 6^2\})$	509576832
6	$\mathcal{O}(3; \{2^{12}, 3^{16}, 6^2\})$	4076894592
6	$\mathcal{O}(3; \{2^8, 3^{19}, 6^2\})$	32614876800
6	$\mathcal{O}(3; \{2^4, 3^{22}, 6^2\})$	260919294336
6	$\mathcal{O}(3; \{3^{25}, 6^2\})$	2087354074752
6	$\mathcal{O}(3; \{2^{29}, 3^2, 6^3\})$	466560
6	$\mathcal{O}(3; \{2^{25}, 3^5, 6^3\})$	4012416
6	$\mathcal{O}(3; \{2^{21}, 3^8, 6^3\})$	31819392
6	$\mathcal{O}(3; \{2^{17}, 3^{11}, 6^3\})$	254835072
6	$\mathcal{O}(3; \{2^{13}, 3^{14}, 6^3\})$	2038400640
6	$\mathcal{O}(3; \{2^9, 3^{17}, 6^3\})$	16307485056
6	$\mathcal{O}(3; \{2^5, 3^{20}, 6^3\})$	130459600512
6	$\mathcal{O}(3; \{2, 3^{23}, 6^3\})$	1043677084032
6	$\mathcal{O}(3; \{2^{30}, 6^4\})$	279936
6	$\mathcal{O}(3; \{2^{26}, 3^3, 6^4\})$	1959552
6	$\mathcal{O}(3; \{2^{22}, 3^6, 6^4\})$	15956352
6	$\mathcal{O}(3; \{2^{18}, 3^9, 6^4\})$	127370880
6	$\mathcal{O}(3; \{2^{14}, 3^{12}, 6^4\})$	1019246976
6	$\mathcal{O}(3; \{2^{10}, 3^{15}, 6^4\})$	8153695872
6	$\mathcal{O}(3; \{2^6, 3^{18}, 6^4\})$	65229846912
6	$\mathcal{O}(3; \{2^2, 3^{21}, 6^4\})$	521838495360

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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	$\mathcal{O}(3; \{2^{27}, 3, 6^5\})$	1026432
6	$\mathcal{O}(3; \{2^{23}, 3^4, 6^5\})$	7931520
6	$\mathcal{O}(3; \{2^{19}, 3^7, 6^5\})$	63732096
6	$\mathcal{O}(3; \{2^{15}, 3^{10}, 6^5\})$	509576832
6	$\mathcal{O}(3; \{2^{11}, 3^{13}, 6^5\})$	4076894592
6	$\mathcal{O}(3; \{2^7, 3^{16}, 6^5\})$	32614876800
6	$\mathcal{O}(3; \{2^3, 3^{19}, 6^5\})$	260919294336
6	$\mathcal{O}(3; \{2^{24}, 3^2, 6^6\})$	4012416
6	$\mathcal{O}(3; \{2^{20}, 3^5, 6^6\})$	31819392
6	$\mathcal{O}(3; \{2^{16}, 3^8, 6^6\})$	254835072
6	$\mathcal{O}(3; \{2^{12}, 3^{11}, 6^6\})$	2038400640
6	$\mathcal{O}(3; \{2^8, 3^{14}, 6^6\})$	16307485056
6	$\mathcal{O}(3; \{2^4, 3^{17}, 6^6\})$	130459600512
6	$\mathcal{O}(3; \{3^{20}, 6^6\})$	1043677084032
6	$\mathcal{O}(3; \{2^{25}, 6^7\})$	1959552
6	$\mathcal{O}(3; \{2^{21}, 3^3, 6^7\})$	15956352
6	$\mathcal{O}(3; \{2^{17}, 3^6, 6^7\})$	127370880
6	$\mathcal{O}(3; \{2^{13}, 3^9, 6^7\})$	1019246976
6	$\mathcal{O}(3; \{2^9, 3^{12}, 6^7\})$	8153695872
6	$\mathcal{O}(3; \{2^5, 3^{15}, 6^7\})$	65229846912
6	$\mathcal{O}(3; \{2, 3^{18}, 6^7\})$	521838495360
6	$\mathcal{O}(3; \{2^{22}, 3, 6^8\})$	7931520
6	$\mathcal{O}(3; \{2^{18}, 3^4, 6^8\})$	63732096
6	$\mathcal{O}(3; \{2^{14}, 3^7, 6^8\})$	509576832
6	$\mathcal{O}(3; \{2^{10}, 3^{10}, 6^8\})$	4076894592
6	$\mathcal{O}(3; \{2^6, 3^{13}, 6^8\})$	32614876800
6	$\mathcal{O}(3; \{2^2, 3^{16}, 6^8\})$	260919294336
6	$\mathcal{O}(3; \{2^{19}, 3^2, 6^9\})$	31819392
6	$\mathcal{O}(3; \{2^{15}, 3^5, 6^9\})$	254835072
6	$\mathcal{O}(3; \{2^{11}, 3^8, 6^9\})$	2038400640
6	$\mathcal{O}(3; \{2^7, 3^{11}, 6^9\})$	16307485056
6	$\mathcal{O}(3; \{2^3, 3^{14}, 6^9\})$	130459600512
6	$\mathcal{O}(3; \{2^{20}, 6^{10}\})$	15956352
6	$\mathcal{O}(3; \{2^{16}, 3^3, 6^{10}\})$	127370880
6	$\mathcal{O}(3; \{2^{12}, 3^6, 6^{10}\})$	1019246976
6	$\mathcal{O}(3; \{2^8, 3^9, 6^{10}\})$	8153695872
6	$\mathcal{O}(3; \{2^4, 3^{12}, 6^{10}\})$	65229846912
6	$\mathcal{O}(3; \{3^{15}, 6^{10}\})$	521838495360
6	$\mathcal{O}(3; \{2^{17}, 3, 6^{11}\})$	63732096
6	$\mathcal{O}(3; \{2^{13}, 3^4, 6^{11}\})$	509576832
6	$\mathcal{O}(3; \{2^9, 3^7, 6^{11}\})$	4076894592
6	$\mathcal{O}(3; \{2^5, 3^{10}, 6^{11}\})$	32614876800
6	$\mathcal{O}(3; \{2, 3^{13}, 6^{11}\})$	260919294336

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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	$\mathcal{O}(3; \{2^{14}, 3^2, 6^{12}\})$	254835072
6	$\mathcal{O}(3; \{2^{10}, 3^5, 6^{12}\})$	2038400640
6	$\mathcal{O}(3; \{2^6, 3^8, 6^{12}\})$	16307485056
6	$\mathcal{O}(3; \{2^2, 3^{11}, 6^{12}\})$	130459600512
6	$\mathcal{O}(3; \{2^{15}, 6^{13}\})$	127370880
6	$\mathcal{O}(3; \{2^{11}, 3^3, 6^{13}\})$	1019246976
6	$\mathcal{O}(3; \{2^7, 3^6, 6^{13}\})$	8153695872
6	$\mathcal{O}(3; \{2^3, 3^9, 6^{13}\})$	65229846912
6	$\mathcal{O}(3; \{2^{12}, 3, 6^{14}\})$	509576832
6	$\mathcal{O}(3; \{2^8, 3^4, 6^{14}\})$	4076894592
6	$\mathcal{O}(3; \{2^4, 3^7, 6^{14}\})$	32614876800
6	$\mathcal{O}(3; \{3^{10}, 6^{14}\})$	260919294336
6	$\mathcal{O}(3; \{2^9, 3^2, 6^{15}\})$	2038400640
6	$\mathcal{O}(3; \{2^5, 3^5, 6^{15}\})$	16307485056
6	$\mathcal{O}(3; \{2, 3^8, 6^{15}\})$	130459600512
6	$\mathcal{O}(3; \{2^{10}, 6^{16}\})$	1019246976
6	$\mathcal{O}(3; \{2^6, 3^3, 6^{16}\})$	8153695872
6	$\mathcal{O}(3; \{2^2, 3^6, 6^{16}\})$	65229846912
6	$\mathcal{O}(3; \{2^7, 3, 6^{17}\})$	4076894592
6	$\mathcal{O}(3; \{2^3, 3^4, 6^{17}\})$	32614876800
6	$\mathcal{O}(3; \{2^4, 3^2, 6^{18}\})$	16307485056
6	$\mathcal{O}(3; \{3^5, 6^{18}\})$	130459600512
6	$\mathcal{O}(3; \{2^5, 6^{19}\})$	8153695872
6	$\mathcal{O}(3; \{2, 3^3, 6^{19}\})$	65229846912
6	$\mathcal{O}(3; \{2^2, 3, 6^{20}\})$	32614876800
6	$\mathcal{O}(3; \{6^{22}\})$	65229846912
6	$\mathcal{O}(2; \{2^{38}, 3^2\})$	2592
6	$\mathcal{O}(2; \{2^{34}, 3^5\})$	12960
6	$\mathcal{O}(2; \{2^{30}, 3^8\})$	111456
6	$\mathcal{O}(2; \{2^{26}, 3^{11}\})$	883872
6	$\mathcal{O}(2; \{2^{22}, 3^{14}\})$	7078752
6	$\mathcal{O}(2; \{2^{18}, 3^{17}\})$	56622240
6	$\mathcal{O}(2; \{2^{14}, 3^{20}\})$	452985696
6	$\mathcal{O}(2; \{2^{10}, 3^{23}\})$	3623877792
6	$\mathcal{O}(2; \{2^6, 3^{26}\})$	28991030112
6	$\mathcal{O}(2; \{2^2, 3^{29}\})$	231928233120
6	$\mathcal{O}(2; \{2^{35}, 3^3, 6\})$	7776
6	$\mathcal{O}(2; \{2^{31}, 3^6, 6\})$	54432
6	$\mathcal{O}(2; \{2^{27}, 3^9, 6\})$	443232
6	$\mathcal{O}(2; \{2^{23}, 3^{12}, 6\})$	3538080
6	$\mathcal{O}(2; \{2^{19}, 3^{15}, 6\})$	28312416
6	$\mathcal{O}(2; \{2^{15}, 3^{18}, 6\})$	226491552
6	$\mathcal{O}(2; \{2^{11}, 3^{21}, 6\})$	1811940192

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

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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	$\mathcal{O}(2; \{2^8, 3^{17}, 6^6\})$	3623877792
6	$\mathcal{O}(2; \{2^4, 3^{20}, 6^6\})$	28991030112
6	$\mathcal{O}(2; \{3^{23}, 6^6\})$	231928233120
6	$\mathcal{O}(2; \{2^{29}, 6^7\})$	54432
6	$\mathcal{O}(2; \{2^{25}, 3^3, 6^7\})$	443232
6	$\mathcal{O}(2; \{2^{21}, 3^6, 6^7\})$	3538080
6	$\mathcal{O}(2; \{2^{17}, 3^9, 6^7\})$	28312416
6	$\mathcal{O}(2; \{2^{13}, 3^{12}, 6^7\})$	226491552
6	$\mathcal{O}(2; \{2^9, 3^{15}, 6^7\})$	1811940192
6	$\mathcal{O}(2; \{2^5, 3^{18}, 6^7\})$	14495513760
6	$\mathcal{O}(2; \{2, 3^{21}, 6^7\})$	115964117856
6	$\mathcal{O}(2; \{2^{26}, 3, 6^8\})$	220320
6	$\mathcal{O}(2; \{2^{22}, 3^4, 6^8\})$	1770336
6	$\mathcal{O}(2; \{2^{18}, 3^7, 6^8\})$	14154912
6	$\mathcal{O}(2; \{2^{14}, 3^{10}, 6^8\})$	113247072
6	$\mathcal{O}(2; \{2^{10}, 3^{13}, 6^8\})$	905968800
6	$\mathcal{O}(2; \{2^6, 3^{16}, 6^8\})$	7247758176
6	$\mathcal{O}(2; \{2^2, 3^{19}, 6^8\})$	57982057632
6	$\mathcal{O}(2; \{2^{23}, 3^2, 6^9\})$	883872
6	$\mathcal{O}(2; \{2^{19}, 3^5, 6^9\})$	7078752
6	$\mathcal{O}(2; \{2^{15}, 3^8, 6^9\})$	56622240
6	$\mathcal{O}(2; \{2^{11}, 3^{11}, 6^9\})$	452985696
6	$\mathcal{O}(2; \{2^7, 3^{14}, 6^9\})$	3623877792
6	$\mathcal{O}(2; \{2^3, 3^{17}, 6^9\})$	28991030112
6	$\mathcal{O}(2; \{2^{24}, 6^{10}\})$	443232
6	$\mathcal{O}(2; \{2^{20}, 3^3, 6^{10}\})$	3538080
6	$\mathcal{O}(2; \{2^{16}, 3^6, 6^{10}\})$	28312416
6	$\mathcal{O}(2; \{2^{12}, 3^9, 6^{10}\})$	226491552
6	$\mathcal{O}(2; \{2^8, 3^{12}, 6^{10}\})$	1811940192
6	$\mathcal{O}(2; \{2^4, 3^{15}, 6^{10}\})$	14495513760
6	$\mathcal{O}(2; \{3^{18}, 6^{10}\})$	115964117856
6	$\mathcal{O}(2; \{2^{21}, 3, 6^{11}\})$	1770336
6	$\mathcal{O}(2; \{2^{17}, 3^4, 6^{11}\})$	14154912
6	$\mathcal{O}(2; \{2^{13}, 3^7, 6^{11}\})$	113247072
6	$\mathcal{O}(2; \{2^9, 3^{10}, 6^{11}\})$	905968800
6	$\mathcal{O}(2; \{2^5, 3^{13}, 6^{11}\})$	7247758176
6	$\mathcal{O}(2; \{2, 3^{16}, 6^{11}\})$	57982057632
6	$\mathcal{O}(2; \{2^{18}, 3^2, 6^{12}\})$	7078752
6	$\mathcal{O}(2; \{2^{14}, 3^5, 6^{12}\})$	56622240
6	$\mathcal{O}(2; \{2^{10}, 3^8, 6^{12}\})$	452985696
6	$\mathcal{O}(2; \{2^6, 3^{11}, 6^{12}\})$	3623877792
6	$\mathcal{O}(2; \{2^2, 3^{14}, 6^{12}\})$	28991030112
6	$\mathcal{O}(2; \{2^{19}, 6^{13}\})$	3538080

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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	$\mathcal{O}(2; \{2^{15}, 3^3, 6^{13}\})$	28312416
6	$\mathcal{O}(2; \{2^{11}, 3^6, 6^{13}\})$	226491552
6	$\mathcal{O}(2; \{2^7, 3^9, 6^{13}\})$	1811940192
6	$\mathcal{O}(2; \{2^3, 3^{12}, 6^{13}\})$	14495513760
6	$\mathcal{O}(2; \{2^{16}, 3, 6^{14}\})$	14154912
6	$\mathcal{O}(2; \{2^{12}, 3^4, 6^{14}\})$	113247072
6	$\mathcal{O}(2; \{2^8, 3^7, 6^{14}\})$	905968800
6	$\mathcal{O}(2; \{2^4, 3^{10}, 6^{14}\})$	7247758176
6	$\mathcal{O}(2; \{3^{13}, 6^{14}\})$	57982057632
6	$\mathcal{O}(2; \{2^{13}, 3^2, 6^{15}\})$	56622240
6	$\mathcal{O}(2; \{2^9, 3^5, 6^{15}\})$	452985696
6	$\mathcal{O}(2; \{2^5, 3^8, 6^{15}\})$	3623877792
6	$\mathcal{O}(2; \{2, 3^{11}, 6^{15}\})$	28991030112
6	$\mathcal{O}(2; \{2^{14}, 6^{16}\})$	28312416
6	$\mathcal{O}(2; \{2^{10}, 3^3, 6^{16}\})$	226491552
6	$\mathcal{O}(2; \{2^6, 3^6, 6^{16}\})$	1811940192
6	$\mathcal{O}(2; \{2^2, 3^9, 6^{16}\})$	14495513760
6	$\mathcal{O}(2; \{2^{11}, 3, 6^{17}\})$	113247072
6	$\mathcal{O}(2; \{2^7, 3^4, 6^{17}\})$	905968800
6	$\mathcal{O}(2; \{2^3, 3^7, 6^{17}\})$	7247758176
6	$\mathcal{O}(2; \{2^8, 3^2, 6^{18}\})$	452985696
6	$\mathcal{O}(2; \{2^4, 3^5, 6^{18}\})$	3623877792
6	$\mathcal{O}(2; \{3^8, 6^{18}\})$	28991030112
6	$\mathcal{O}(2; \{2^9, 6^{19}\})$	226491552
6	$\mathcal{O}(2; \{2^5, 3^3, 6^{19}\})$	1811940192
6	$\mathcal{O}(2; \{2, 3^6, 6^{19}\})$	14495513760
6	$\mathcal{O}(2; \{2^6, 3, 6^{20}\})$	905968800
6	$\mathcal{O}(2; \{2^2, 3^4, 6^{20}\})$	7247758176
6	$\mathcal{O}(2; \{2^3, 3^2, 6^{21}\})$	3623877792
6	$\mathcal{O}(2; \{2^4, 6^{22}\})$	1811940192
6	$\mathcal{O}(2; \{3^3, 6^{22}\})$	14495513760
6	$\mathcal{O}(2; \{2, 3, 6^{23}\})$	7247758176
6	$\mathcal{O}(1; \{2^{42}, 3^2\})$	72
6	$\mathcal{O}(1; \{2^{38}, 3^5\})$	360
6	$\mathcal{O}(1; \{2^{34}, 3^8\})$	3096
6	$\mathcal{O}(1; \{2^{30}, 3^{11}\})$	24552
6	$\mathcal{O}(1; \{2^{26}, 3^{14}\})$	196632
6	$\mathcal{O}(1; \{2^{22}, 3^{17}\})$	1572840
6	$\mathcal{O}(1; \{2^{18}, 3^{20}\})$	12582936
6	$\mathcal{O}(1; \{2^{14}, 3^{23}\})$	100663272
6	$\mathcal{O}(1; \{2^{10}, 3^{26}\})$	805306392
6	$\mathcal{O}(1; \{2^6, 3^{29}\})$	6442450920
6	$\mathcal{O}(1; \{2^2, 3^{32}\})$	51539607576

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

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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	$\mathcal{O}(1; \{2^{27}, 3^7, 6^5\})$	49176
6	$\mathcal{O}(1; \{2^{23}, 3^{10}, 6^5\})$	393192
6	$\mathcal{O}(1; \{2^{19}, 3^{13}, 6^5\})$	3145752
6	$\mathcal{O}(1; \{2^{15}, 3^{16}, 6^5\})$	25165800
6	$\mathcal{O}(1; \{2^{11}, 3^{19}, 6^5\})$	201326616
6	$\mathcal{O}(1; \{2^7, 3^{22}, 6^5\})$	1610612712
6	$\mathcal{O}(1; \{2^3, 3^{25}, 6^5\})$	12884901912
6	$\mathcal{O}(1; \{2^{32}, 3^2, 6^6\})$	3096
6	$\mathcal{O}(1; \{2^{28}, 3^5, 6^6\})$	24552
6	$\mathcal{O}(1; \{2^{24}, 3^8, 6^6\})$	196632
6	$\mathcal{O}(1; \{2^{20}, 3^{11}, 6^6\})$	1572840
6	$\mathcal{O}(1; \{2^{16}, 3^{14}, 6^6\})$	12582936
6	$\mathcal{O}(1; \{2^{12}, 3^{17}, 6^6\})$	100663272
6	$\mathcal{O}(1; \{2^8, 3^{20}, 6^6\})$	805306392
6	$\mathcal{O}(1; \{2^4, 3^{23}, 6^6\})$	6442450920
6	$\mathcal{O}(1; \{3^{26}, 6^6\})$	51539607576
6	$\mathcal{O}(1; \{2^{33}, 6^7\})$	1512
6	$\mathcal{O}(1; \{2^{29}, 3^3, 6^7\})$	12312
6	$\mathcal{O}(1; \{2^{25}, 3^6, 6^7\})$	98280
6	$\mathcal{O}(1; \{2^{21}, 3^9, 6^7\})$	786456
6	$\mathcal{O}(1; \{2^{17}, 3^{12}, 6^7\})$	6291432
6	$\mathcal{O}(1; \{2^{13}, 3^{15}, 6^7\})$	50331672
6	$\mathcal{O}(1; \{2^9, 3^{18}, 6^7\})$	402653160
6	$\mathcal{O}(1; \{2^5, 3^{21}, 6^7\})$	3221225496
6	$\mathcal{O}(1; \{2, 3^{24}, 6^7\})$	25769803752
6	$\mathcal{O}(1; \{2^{30}, 3, 6^8\})$	6120
6	$\mathcal{O}(1; \{2^{26}, 3^4, 6^8\})$	49176
6	$\mathcal{O}(1; \{2^{22}, 3^7, 6^8\})$	393192
6	$\mathcal{O}(1; \{2^{18}, 3^{10}, 6^8\})$	3145752
6	$\mathcal{O}(1; \{2^{14}, 3^{13}, 6^8\})$	25165800
6	$\mathcal{O}(1; \{2^{10}, 3^{16}, 6^8\})$	201326616
6	$\mathcal{O}(1; \{2^6, 3^{19}, 6^8\})$	1610612712
6	$\mathcal{O}(1; \{2^2, 3^{22}, 6^8\})$	12884901912
6	$\mathcal{O}(1; \{2^{27}, 3^2, 6^9\})$	24552
6	$\mathcal{O}(1; \{2^{23}, 3^5, 6^9\})$	196632
6	$\mathcal{O}(1; \{2^{19}, 3^8, 6^9\})$	1572840
6	$\mathcal{O}(1; \{2^{15}, 3^{11}, 6^9\})$	12582936
6	$\mathcal{O}(1; \{2^{11}, 3^{14}, 6^9\})$	100663272
6	$\mathcal{O}(1; \{2^7, 3^{17}, 6^9\})$	805306392
6	$\mathcal{O}(1; \{2^3, 3^{20}, 6^9\})$	6442450920
6	$\mathcal{O}(1; \{2^{28}, 6^{10}\})$	12312
6	$\mathcal{O}(1; \{2^{24}, 3^3, 6^{10}\})$	98280
6	$\mathcal{O}(1; \{2^{20}, 3^6, 6^{10}\})$	786456

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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	$\mathcal{O}(1; \{2^{16}, 3^9, 6^{10}\})$	6291432
6	$\mathcal{O}(1; \{2^{12}, 3^{12}, 6^{10}\})$	50331672
6	$\mathcal{O}(1; \{2^8, 3^{15}, 6^{10}\})$	402653160
6	$\mathcal{O}(1; \{2^4, 3^{18}, 6^{10}\})$	3221225496
6	$\mathcal{O}(1; \{3^{21}, 6^{10}\})$	25769803752
6	$\mathcal{O}(1; \{2^{25}, 3, 6^{11}\})$	49176
6	$\mathcal{O}(1; \{2^{21}, 3^4, 6^{11}\})$	393192
6	$\mathcal{O}(1; \{2^{17}, 3^7, 6^{11}\})$	3145752
6	$\mathcal{O}(1; \{2^{13}, 3^{10}, 6^{11}\})$	25165800
6	$\mathcal{O}(1; \{2^9, 3^{13}, 6^{11}\})$	201326616
6	$\mathcal{O}(1; \{2^5, 3^{16}, 6^{11}\})$	1610612712
6	$\mathcal{O}(1; \{2, 3^{19}, 6^{11}\})$	12884901912
6	$\mathcal{O}(1; \{2^{22}, 3^2, 6^{12}\})$	196632
6	$\mathcal{O}(1; \{2^{18}, 3^5, 6^{12}\})$	1572840
6	$\mathcal{O}(1; \{2^{14}, 3^8, 6^{12}\})$	12582936
6	$\mathcal{O}(1; \{2^{10}, 3^{11}, 6^{12}\})$	100663272
6	$\mathcal{O}(1; \{2^6, 3^{14}, 6^{12}\})$	805306392
6	$\mathcal{O}(1; \{2^2, 3^{17}, 6^{12}\})$	6442450920
6	$\mathcal{O}(1; \{2^{23}, 6^{13}\})$	98280
6	$\mathcal{O}(1; \{2^{19}, 3^3, 6^{13}\})$	786456
6	$\mathcal{O}(1; \{2^{15}, 3^6, 6^{13}\})$	6291432
6	$\mathcal{O}(1; \{2^{11}, 3^9, 6^{13}\})$	50331672
6	$\mathcal{O}(1; \{2^7, 3^{12}, 6^{13}\})$	402653160
6	$\mathcal{O}(1; \{2^3, 3^{15}, 6^{13}\})$	3221225496
6	$\mathcal{O}(1; \{2^{20}, 3, 6^{14}\})$	393192
6	$\mathcal{O}(1; \{2^{16}, 3^4, 6^{14}\})$	3145752
6	$\mathcal{O}(1; \{2^{12}, 3^7, 6^{14}\})$	25165800
6	$\mathcal{O}(1; \{2^8, 3^{10}, 6^{14}\})$	201326616
6	$\mathcal{O}(1; \{2^4, 3^{13}, 6^{14}\})$	1610612712
6	$\mathcal{O}(1; \{3^{16}, 6^{14}\})$	12884901912
6	$\mathcal{O}(1; \{2^{17}, 3^2, 6^{15}\})$	1572840
6	$\mathcal{O}(1; \{2^{13}, 3^5, 6^{15}\})$	12582936
6	$\mathcal{O}(1; \{2^9, 3^8, 6^{15}\})$	100663272
6	$\mathcal{O}(1; \{2^5, 3^{11}, 6^{15}\})$	805306392
6	$\mathcal{O}(1; \{2, 3^{14}, 6^{15}\})$	6442450920
6	$\mathcal{O}(1; \{2^{18}, 6^{16}\})$	786456
6	$\mathcal{O}(1; \{2^{14}, 3^3, 6^{16}\})$	6291432
6	$\mathcal{O}(1; \{2^{10}, 3^6, 6^{16}\})$	50331672
6	$\mathcal{O}(1; \{2^6, 3^9, 6^{16}\})$	402653160
6	$\mathcal{O}(1; \{2^2, 3^{12}, 6^{16}\})$	3221225496
6	$\mathcal{O}(1; \{2^{15}, 3, 6^{17}\})$	3145752
6	$\mathcal{O}(1; \{2^{11}, 3^4, 6^{17}\})$	25165800
6	$\mathcal{O}(1; \{2^7, 3^7, 6^{17}\})$	201326616

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^3, 3^{10}, 6^{17}\})$	1610612712
6	$\mathcal{O}(1; \{2^{12}, 3^2, 6^{18}\})$	12582936
6	$\mathcal{O}(1; \{2^8, 3^5, 6^{18}\})$	100663272
6	$\mathcal{O}(1; \{2^4, 3^8, 6^{18}\})$	805306392
6	$\mathcal{O}(1; \{3^{11}, 6^{18}\})$	6442450920
6	$\mathcal{O}(1; \{2^{13}, 6^{19}\})$	6291432
6	$\mathcal{O}(1; \{2^9, 3^3, 6^{19}\})$	50331672
6	$\mathcal{O}(1; \{2^5, 3^6, 6^{19}\})$	402653160
6	$\mathcal{O}(1; \{2, 3^9, 6^{19}\})$	3221225496
6	$\mathcal{O}(1; \{2^{10}, 3, 6^{20}\})$	25165800
6	$\mathcal{O}(1; \{2^6, 3^4, 6^{20}\})$	201326616
6	$\mathcal{O}(1; \{2^2, 3^7, 6^{20}\})$	1610612712
6	$\mathcal{O}(1; \{2^7, 3^2, 6^{21}\})$	100663272
6	$\mathcal{O}(1; \{2^3, 3^5, 6^{21}\})$	805306392
6	$\mathcal{O}(1; \{2^8, 6^{22}\})$	50331672
6	$\mathcal{O}(1; \{2^4, 3^3, 6^{22}\})$	402653160
6	$\mathcal{O}(1; \{3^6, 6^{22}\})$	3221225496
6	$\mathcal{O}(1; \{2^5, 3, 6^{23}\})$	201326616
6	$\mathcal{O}(1; \{2, 3^4, 6^{23}\})$	1610612712
6	$\mathcal{O}(1; \{2^2, 3^2, 6^{24}\})$	805306392
6	$\mathcal{O}(1; \{2^3, 6^{25}\})$	402653160
6	$\mathcal{O}(1; \{3, 6^{26}\})$	1610612712
6	$\mathcal{O}(0; \{2^{46}, 3^2\})$	2
6	$\mathcal{O}(0; \{2^{42}, 3^5\})$	10
6	$\mathcal{O}(0; \{2^{38}, 3^8\})$	86
6	$\mathcal{O}(0; \{2^{34}, 3^{11}\})$	682
6	$\mathcal{O}(0; \{2^{30}, 3^{14}\})$	5462
6	$\mathcal{O}(0; \{2^{26}, 3^{17}\})$	43690
6	$\mathcal{O}(0; \{2^{22}, 3^{20}\})$	349526
6	$\mathcal{O}(0; \{2^{18}, 3^{23}\})$	2796202
6	$\mathcal{O}(0; \{2^{14}, 3^{26}\})$	22369622
6	$\mathcal{O}(0; \{2^{10}, 3^{29}\})$	178956970
6	$\mathcal{O}(0; \{2^6, 3^{32}\})$	1431655766
6	$\mathcal{O}(0; \{2^2, 3^{35}\})$	11453246122
6	$\mathcal{O}(0; \{2^{43}, 3^3, 6\})$	6
6	$\mathcal{O}(0; \{2^{39}, 3^6, 6\})$	42
6	$\mathcal{O}(0; \{2^{35}, 3^9, 6\})$	342
6	$\mathcal{O}(0; \{2^{31}, 3^{12}, 6\})$	2730
6	$\mathcal{O}(0; \{2^{27}, 3^{15}, 6\})$	21846
6	$\mathcal{O}(0; \{2^{23}, 3^{18}, 6\})$	174762
6	$\mathcal{O}(0; \{2^{19}, 3^{21}, 6\})$	1398102
6	$\mathcal{O}(0; \{2^{15}, 3^{24}, 6\})$	11184810
6	$\mathcal{O}(0; \{2^{11}, 3^{27}, 6\})$	89478486

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

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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	$\mathcal{O}(0; \{2^{20}, 3^9, 6^{10}\})$	174762
6	$\mathcal{O}(0; \{2^{16}, 3^{12}, 6^{10}\})$	1398102
6	$\mathcal{O}(0; \{2^{12}, 3^{15}, 6^{10}\})$	11184810
6	$\mathcal{O}(0; \{2^8, 3^{18}, 6^{10}\})$	89478486
6	$\mathcal{O}(0; \{2^4, 3^{21}, 6^{10}\})$	715827882
6	$\mathcal{O}(0; \{3^{24}, 6^{10}\})$	5726623062
6	$\mathcal{O}(0; \{2^{29}, 3, 6^{11}\})$	1366
6	$\mathcal{O}(0; \{2^{25}, 3^4, 6^{11}\})$	10922
6	$\mathcal{O}(0; \{2^{21}, 3^7, 6^{11}\})$	87382
6	$\mathcal{O}(0; \{2^{17}, 3^{10}, 6^{11}\})$	699050
6	$\mathcal{O}(0; \{2^{13}, 3^{13}, 6^{11}\})$	5592406
6	$\mathcal{O}(0; \{2^9, 3^{16}, 6^{11}\})$	44739242
6	$\mathcal{O}(0; \{2^5, 3^{19}, 6^{11}\})$	357913942
6	$\mathcal{O}(0; \{2, 3^{22}, 6^{11}\})$	2863311530
6	$\mathcal{O}(0; \{2^{26}, 3^2, 6^{12}\})$	5462
6	$\mathcal{O}(0; \{2^{22}, 3^5, 6^{12}\})$	43690
6	$\mathcal{O}(0; \{2^{18}, 3^8, 6^{12}\})$	349526
6	$\mathcal{O}(0; \{2^{14}, 3^{11}, 6^{12}\})$	2796202
6	$\mathcal{O}(0; \{2^{10}, 3^{14}, 6^{12}\})$	22369622
6	$\mathcal{O}(0; \{2^6, 3^{17}, 6^{12}\})$	178956970
6	$\mathcal{O}(0; \{2^2, 3^{20}, 6^{12}\})$	1431655766
6	$\mathcal{O}(0; \{2^{27}, 6^{13}\})$	2730
6	$\mathcal{O}(0; \{2^{23}, 3^3, 6^{13}\})$	21846
6	$\mathcal{O}(0; \{2^{19}, 3^6, 6^{13}\})$	174762
6	$\mathcal{O}(0; \{2^{15}, 3^9, 6^{13}\})$	1398102
6	$\mathcal{O}(0; \{2^{11}, 3^{12}, 6^{13}\})$	11184810
6	$\mathcal{O}(0; \{2^7, 3^{15}, 6^{13}\})$	89478486
6	$\mathcal{O}(0; \{2^3, 3^{18}, 6^{13}\})$	715827882
6	$\mathcal{O}(0; \{2^{24}, 3, 6^{14}\})$	10922
6	$\mathcal{O}(0; \{2^{20}, 3^4, 6^{14}\})$	87382
6	$\mathcal{O}(0; \{2^{16}, 3^7, 6^{14}\})$	699050
6	$\mathcal{O}(0; \{2^{12}, 3^{10}, 6^{14}\})$	5592406
6	$\mathcal{O}(0; \{2^8, 3^{13}, 6^{14}\})$	44739242
6	$\mathcal{O}(0; \{2^4, 3^{16}, 6^{14}\})$	357913942
6	$\mathcal{O}(0; \{3^{19}, 6^{14}\})$	2863311530
6	$\mathcal{O}(0; \{2^{21}, 3^2, 6^{15}\})$	43690
6	$\mathcal{O}(0; \{2^{17}, 3^5, 6^{15}\})$	349526
6	$\mathcal{O}(0; \{2^{13}, 3^8, 6^{15}\})$	2796202
6	$\mathcal{O}(0; \{2^9, 3^{11}, 6^{15}\})$	22369622
6	$\mathcal{O}(0; \{2^5, 3^{14}, 6^{15}\})$	178956970
6	$\mathcal{O}(0; \{2, 3^{17}, 6^{15}\})$	1431655766
6	$\mathcal{O}(0; \{2^{22}, 6^{16}\})$	21846
6	$\mathcal{O}(0; \{2^{18}, 3^3, 6^{16}\})$	174762

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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	$\mathcal{O}(0; \{2^{14}, 3^6, 6^{16}\})$	1398102
6	$\mathcal{O}(0; \{2^{10}, 3^9, 6^{16}\})$	11184810
6	$\mathcal{O}(0; \{2^6, 3^{12}, 6^{16}\})$	89478486
6	$\mathcal{O}(0; \{2^2, 3^{15}, 6^{16}\})$	715827882
6	$\mathcal{O}(0; \{2^{19}, 3, 6^{17}\})$	87382
6	$\mathcal{O}(0; \{2^{15}, 3^4, 6^{17}\})$	699050
6	$\mathcal{O}(0; \{2^{11}, 3^7, 6^{17}\})$	5592406
6	$\mathcal{O}(0; \{2^7, 3^{10}, 6^{17}\})$	44739242
6	$\mathcal{O}(0; \{2^3, 3^{13}, 6^{17}\})$	357913942
6	$\mathcal{O}(0; \{2^{16}, 3^2, 6^{18}\})$	349526
6	$\mathcal{O}(0; \{2^{12}, 3^5, 6^{18}\})$	2796202
6	$\mathcal{O}(0; \{2^8, 3^8, 6^{18}\})$	22369622
6	$\mathcal{O}(0; \{2^4, 3^{11}, 6^{18}\})$	178956970
6	$\mathcal{O}(0; \{3^{14}, 6^{18}\})$	1431655766
6	$\mathcal{O}(0; \{2^{17}, 6^{19}\})$	174762
6	$\mathcal{O}(0; \{2^{13}, 3^3, 6^{19}\})$	1398102
6	$\mathcal{O}(0; \{2^9, 3^6, 6^{19}\})$	11184810
6	$\mathcal{O}(0; \{2^5, 3^9, 6^{19}\})$	89478486
6	$\mathcal{O}(0; \{2, 3^{12}, 6^{19}\})$	715827882
6	$\mathcal{O}(0; \{2^{14}, 3, 6^{20}\})$	699050
6	$\mathcal{O}(0; \{2^{10}, 3^4, 6^{20}\})$	5592406
6	$\mathcal{O}(0; \{2^6, 3^7, 6^{20}\})$	44739242
6	$\mathcal{O}(0; \{2^2, 3^{10}, 6^{20}\})$	357913942
6	$\mathcal{O}(0; \{2^{11}, 3^2, 6^{21}\})$	2796202
6	$\mathcal{O}(0; \{2^7, 3^5, 6^{21}\})$	22369622
6	$\mathcal{O}(0; \{2^3, 3^8, 6^{21}\})$	178956970
6	$\mathcal{O}(0; \{2^{12}, 6^{22}\})$	1398102
6	$\mathcal{O}(0; \{2^8, 3^3, 6^{22}\})$	11184810
6	$\mathcal{O}(0; \{2^4, 3^6, 6^{22}\})$	89478486
6	$\mathcal{O}(0; \{3^9, 6^{22}\})$	715827882
6	$\mathcal{O}(0; \{2^9, 3, 6^{23}\})$	5592406
6	$\mathcal{O}(0; \{2^5, 3^4, 6^{23}\})$	44739242
6	$\mathcal{O}(0; \{2, 3^7, 6^{23}\})$	357913942
6	$\mathcal{O}(0; \{2^6, 3^2, 6^{24}\})$	22369622
6	$\mathcal{O}(0; \{2^2, 3^5, 6^{24}\})$	178956970
6	$\mathcal{O}(0; \{2^7, 6^{25}\})$	11184810
6	$\mathcal{O}(0; \{2^3, 3^3, 6^{25}\})$	89478486
6	$\mathcal{O}(0; \{2^4, 3, 6^{26}\})$	44739242
6	$\mathcal{O}(0; \{3^4, 6^{26}\})$	357913942
6	$\mathcal{O}(0; \{2, 3^2, 6^{27}\})$	178956970
6	$\mathcal{O}(0; \{2^2, 6^{28}\})$	89478486
7	$\mathcal{O}(8; \{7^6\})$	221530715176960266
7	$\mathcal{O}(5; \{7^{13}\})$	527046113226794070

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
7	$\mathcal{O}(2; \{7^{20}\})$	1254062344941602826
8	$\mathcal{O}(8; \{2^2, 8^2\})$	1125899906842624
8	$\mathcal{O}(7; \{2^6, 8^2\})$	17592186044416
8	$\mathcal{O}(7; \{2^3, 4^2, 8^2\})$	70368744177664
8	$\mathcal{O}(7; \{4^4, 8^2\})$	281474976710656
8	$\mathcal{O}(7; \{2, 4, 8^4\})$	562949953421312
8	$\mathcal{O}(6; \{2^{10}, 8^2\})$	274877906944
8	$\mathcal{O}(6; \{2^7, 4^2, 8^2\})$	1099511627776
8	$\mathcal{O}(6; \{2^4, 4^4, 8^2\})$	4398046511104
8	$\mathcal{O}(6; \{2, 4^6, 8^2\})$	17592186044416
8	$\mathcal{O}(6; \{2^5, 4, 8^4\})$	8796093022208
8	$\mathcal{O}(6; \{2^2, 4^3, 8^4\})$	35184372088832
8	$\mathcal{O}(6; \{2^3, 8^6\})$	70368744177664
8	$\mathcal{O}(6; \{4^2, 8^6\})$	281474976710656
8	$\mathcal{O}(5; \{2^{14}, 8^2\})$	4294967296
8	$\mathcal{O}(5; \{2^{11}, 4^2, 8^2\})$	17179869184
8	$\mathcal{O}(5; \{2^8, 4^4, 8^2\})$	68719476736
8	$\mathcal{O}(5; \{2^5, 4^6, 8^2\})$	274877906944
8	$\mathcal{O}(5; \{2^2, 4^8, 8^2\})$	1099511627776
8	$\mathcal{O}(5; \{2^9, 4, 8^4\})$	137438953472
8	$\mathcal{O}(5; \{2^6, 4^3, 8^4\})$	549755813888
8	$\mathcal{O}(5; \{2^3, 4^5, 8^4\})$	2199023255552
8	$\mathcal{O}(5; \{4^7, 8^4\})$	8796093022208
8	$\mathcal{O}(5; \{2^7, 8^6\})$	1099511627776
8	$\mathcal{O}(5; \{2^4, 4^2, 8^6\})$	4398046511104
8	$\mathcal{O}(5; \{2, 4^4, 8^6\})$	17592186044416
8	$\mathcal{O}(5; \{2^2, 4, 8^8\})$	35184372088832
8	$\mathcal{O}(5; \{8^{10}\})$	281474976710656
8	$\mathcal{O}(4; \{2^{18}, 8^2\})$	67108864
8	$\mathcal{O}(4; \{2^{15}, 4^2, 8^2\})$	268435456
8	$\mathcal{O}(4; \{2^{12}, 4^4, 8^2\})$	1073741824
8	$\mathcal{O}(4; \{2^9, 4^6, 8^2\})$	4294967296
8	$\mathcal{O}(4; \{2^6, 4^8, 8^2\})$	17179869184
8	$\mathcal{O}(4; \{2^3, 4^{10}, 8^2\})$	68719476736
8	$\mathcal{O}(4; \{4^{12}, 8^2\})$	274877906944
8	$\mathcal{O}(4; \{2^{13}, 4, 8^4\})$	2147483648
8	$\mathcal{O}(4; \{2^{10}, 4^3, 8^4\})$	8589934592
8	$\mathcal{O}(4; \{2^7, 4^5, 8^4\})$	34359738368
8	$\mathcal{O}(4; \{2^4, 4^7, 8^4\})$	137438953472
8	$\mathcal{O}(4; \{2, 4^9, 8^4\})$	549755813888
8	$\mathcal{O}(4; \{2^{11}, 8^6\})$	17179869184
8	$\mathcal{O}(4; \{2^8, 4^2, 8^6\})$	68719476736
8	$\mathcal{O}(4; \{2^5, 4^4, 8^6\})$	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	$\mathcal{O}(4; \{2^2, 4^6, 8^6\})$	1099511627776
8	$\mathcal{O}(4; \{2^6, 4, 8^8\})$	549755813888
8	$\mathcal{O}(4; \{2^3, 4^3, 8^8\})$	2199023255552
8	$\mathcal{O}(4; \{4^5, 8^8\})$	8796093022208
8	$\mathcal{O}(4; \{2^4, 8^{10}\})$	4398046511104
8	$\mathcal{O}(4; \{2, 4^2, 8^{10}\})$	17592186044416
8	$\mathcal{O}(3; \{2^{22}, 8^2\})$	1048576
8	$\mathcal{O}(3; \{2^{19}, 4^2, 8^2\})$	4194304
8	$\mathcal{O}(3; \{2^{16}, 4^4, 8^2\})$	16777216
8	$\mathcal{O}(3; \{2^{13}, 4^6, 8^2\})$	67108864
8	$\mathcal{O}(3; \{2^{10}, 4^8, 8^2\})$	268435456
8	$\mathcal{O}(3; \{2^7, 4^{10}, 8^2\})$	1073741824
8	$\mathcal{O}(3; \{2^4, 4^{12}, 8^2\})$	4294967296
8	$\mathcal{O}(3; \{2, 4^{14}, 8^2\})$	17179869184
8	$\mathcal{O}(3; \{2^{17}, 4, 8^4\})$	33554432
8	$\mathcal{O}(3; \{2^{14}, 4^3, 8^4\})$	134217728
8	$\mathcal{O}(3; \{2^{11}, 4^5, 8^4\})$	536870912
8	$\mathcal{O}(3; \{2^8, 4^7, 8^4\})$	2147483648
8	$\mathcal{O}(3; \{2^5, 4^9, 8^4\})$	8589934592
8	$\mathcal{O}(3; \{2^2, 4^{11}, 8^4\})$	34359738368
8	$\mathcal{O}(3; \{2^{15}, 8^6\})$	268435456
8	$\mathcal{O}(3; \{2^{12}, 4^2, 8^6\})$	1073741824
8	$\mathcal{O}(3; \{2^9, 4^4, 8^6\})$	4294967296
8	$\mathcal{O}(3; \{2^6, 4^6, 8^6\})$	17179869184
8	$\mathcal{O}(3; \{2^3, 4^8, 8^6\})$	68719476736
8	$\mathcal{O}(3; \{4^{10}, 8^6\})$	274877906944
8	$\mathcal{O}(3; \{2^{10}, 4, 8^8\})$	8589934592
8	$\mathcal{O}(3; \{2^7, 4^3, 8^8\})$	34359738368
8	$\mathcal{O}(3; \{2^4, 4^5, 8^8\})$	137438953472
8	$\mathcal{O}(3; \{2, 4^7, 8^8\})$	549755813888
8	$\mathcal{O}(3; \{2^8, 8^{10}\})$	68719476736
8	$\mathcal{O}(3; \{2^5, 4^2, 8^{10}\})$	274877906944
8	$\mathcal{O}(3; \{2^2, 4^4, 8^{10}\})$	1099511627776
8	$\mathcal{O}(3; \{2^3, 4, 8^{12}\})$	2199023255552
8	$\mathcal{O}(3; \{4^3, 8^{12}\})$	8796093022208
8	$\mathcal{O}(3; \{2, 8^{14}\})$	17592186044416
8	$\mathcal{O}(2; \{2^{26}, 8^2\})$	16384
8	$\mathcal{O}(2; \{2^{23}, 4^2, 8^2\})$	65536
8	$\mathcal{O}(2; \{2^{20}, 4^4, 8^2\})$	262144
8	$\mathcal{O}(2; \{2^{17}, 4^6, 8^2\})$	1048576
8	$\mathcal{O}(2; \{2^{14}, 4^8, 8^2\})$	4194304
8	$\mathcal{O}(2; \{2^{11}, 4^{10}, 8^2\})$	16777216
8	$\mathcal{O}(2; \{2^8, 4^{12}, 8^2\})$	67108864

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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	$\mathcal{O}(2; \{2^5, 4^{14}, 8^2\})$	268435456
8	$\mathcal{O}(2; \{2^2, 4^{16}, 8^2\})$	1073741824
8	$\mathcal{O}(2; \{2^{21}, 4, 8^4\})$	524288
8	$\mathcal{O}(2; \{2^{18}, 4^3, 8^4\})$	2097152
8	$\mathcal{O}(2; \{2^{15}, 4^5, 8^4\})$	8388608
8	$\mathcal{O}(2; \{2^{12}, 4^7, 8^4\})$	33554432
8	$\mathcal{O}(2; \{2^9, 4^9, 8^4\})$	134217728
8	$\mathcal{O}(2; \{2^6, 4^{11}, 8^4\})$	536870912
8	$\mathcal{O}(2; \{2^3, 4^{13}, 8^4\})$	2147483648
8	$\mathcal{O}(2; \{4^{15}, 8^4\})$	8589934592
8	$\mathcal{O}(2; \{2^{19}, 8^6\})$	4194304
8	$\mathcal{O}(2; \{2^{16}, 4^2, 8^6\})$	16777216
8	$\mathcal{O}(2; \{2^{13}, 4^4, 8^6\})$	67108864
8	$\mathcal{O}(2; \{2^{10}, 4^6, 8^6\})$	268435456
8	$\mathcal{O}(2; \{2^7, 4^8, 8^6\})$	1073741824
8	$\mathcal{O}(2; \{2^4, 4^{10}, 8^6\})$	4294967296
8	$\mathcal{O}(2; \{2, 4^{12}, 8^6\})$	17179869184
8	$\mathcal{O}(2; \{2^{14}, 4, 8^8\})$	134217728
8	$\mathcal{O}(2; \{2^{11}, 4^3, 8^8\})$	536870912
8	$\mathcal{O}(2; \{2^8, 4^5, 8^8\})$	2147483648
8	$\mathcal{O}(2; \{2^5, 4^7, 8^8\})$	8589934592
8	$\mathcal{O}(2; \{2^2, 4^9, 8^8\})$	34359738368
8	$\mathcal{O}(2; \{2^{12}, 8^{10}\})$	1073741824
8	$\mathcal{O}(2; \{2^9, 4^2, 8^{10}\})$	4294967296
8	$\mathcal{O}(2; \{2^6, 4^4, 8^{10}\})$	17179869184
8	$\mathcal{O}(2; \{2^3, 4^6, 8^{10}\})$	68719476736
8	$\mathcal{O}(2; \{4^8, 8^{10}\})$	274877906944
8	$\mathcal{O}(2; \{2^7, 4, 8^{12}\})$	34359738368
8	$\mathcal{O}(2; \{2^4, 4^3, 8^{12}\})$	137438953472
8	$\mathcal{O}(2; \{2, 4^5, 8^{12}\})$	549755813888
8	$\mathcal{O}(2; \{2^5, 8^{14}\})$	274877906944
8	$\mathcal{O}(2; \{2^2, 4^2, 8^{14}\})$	1099511627776
8	$\mathcal{O}(2; \{4, 8^{16}\})$	8796093022208
8	$\mathcal{O}(1; \{2^{30}, 8^2\})$	256
8	$\mathcal{O}(1; \{2^{27}, 4^2, 8^2\})$	1024
8	$\mathcal{O}(1; \{2^{24}, 4^4, 8^2\})$	4096
8	$\mathcal{O}(1; \{2^{21}, 4^6, 8^2\})$	16384
8	$\mathcal{O}(1; \{2^{18}, 4^8, 8^2\})$	65536
8	$\mathcal{O}(1; \{2^{15}, 4^{10}, 8^2\})$	262144
8	$\mathcal{O}(1; \{2^{12}, 4^{12}, 8^2\})$	1048576
8	$\mathcal{O}(1; \{2^9, 4^{14}, 8^2\})$	4194304
8	$\mathcal{O}(1; \{2^6, 4^{16}, 8^2\})$	16777216
8	$\mathcal{O}(1; \{2^3, 4^{18}, 8^2\})$	67108864

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{4^{20}, 8^2\})$	268435456
8	$\mathcal{O}(1; \{2^{25}, 4, 8^4\})$	8192
8	$\mathcal{O}(1; \{2^{22}, 4^3, 8^4\})$	32768
8	$\mathcal{O}(1; \{2^{19}, 4^5, 8^4\})$	131072
8	$\mathcal{O}(1; \{2^{16}, 4^7, 8^4\})$	524288
8	$\mathcal{O}(1; \{2^{13}, 4^9, 8^4\})$	2097152
8	$\mathcal{O}(1; \{2^{10}, 4^{11}, 8^4\})$	8388608
8	$\mathcal{O}(1; \{2^7, 4^{13}, 8^4\})$	33554432
8	$\mathcal{O}(1; \{2^4, 4^{15}, 8^4\})$	134217728
8	$\mathcal{O}(1; \{2, 4^{17}, 8^4\})$	536870912
8	$\mathcal{O}(1; \{2^{23}, 8^6\})$	65536
8	$\mathcal{O}(1; \{2^{20}, 4^2, 8^6\})$	262144
8	$\mathcal{O}(1; \{2^{17}, 4^4, 8^6\})$	1048576
8	$\mathcal{O}(1; \{2^{14}, 4^6, 8^6\})$	4194304
8	$\mathcal{O}(1; \{2^{11}, 4^8, 8^6\})$	16777216
8	$\mathcal{O}(1; \{2^8, 4^{10}, 8^6\})$	67108864
8	$\mathcal{O}(1; \{2^5, 4^{12}, 8^6\})$	268435456
8	$\mathcal{O}(1; \{2^2, 4^{14}, 8^6\})$	1073741824
8	$\mathcal{O}(1; \{2^{18}, 4, 8^8\})$	2097152
8	$\mathcal{O}(1; \{2^{15}, 4^3, 8^8\})$	8388608
8	$\mathcal{O}(1; \{2^{12}, 4^5, 8^8\})$	33554432
8	$\mathcal{O}(1; \{2^9, 4^7, 8^8\})$	134217728
8	$\mathcal{O}(1; \{2^6, 4^9, 8^8\})$	536870912
8	$\mathcal{O}(1; \{2^3, 4^{11}, 8^8\})$	2147483648
8	$\mathcal{O}(1; \{4^{13}, 8^8\})$	8589934592
8	$\mathcal{O}(1; \{2^{16}, 8^{10}\})$	16777216
8	$\mathcal{O}(1; \{2^{13}, 4^2, 8^{10}\})$	67108864
8	$\mathcal{O}(1; \{2^{10}, 4^4, 8^{10}\})$	268435456
8	$\mathcal{O}(1; \{2^7, 4^6, 8^{10}\})$	1073741824
8	$\mathcal{O}(1; \{2^4, 4^8, 8^{10}\})$	4294967296
8	$\mathcal{O}(1; \{2, 4^{10}, 8^{10}\})$	17179869184
8	$\mathcal{O}(1; \{2^{11}, 4, 8^{12}\})$	536870912
8	$\mathcal{O}(1; \{2^8, 4^3, 8^{12}\})$	2147483648
8	$\mathcal{O}(1; \{2^5, 4^5, 8^{12}\})$	8589934592
8	$\mathcal{O}(1; \{2^2, 4^7, 8^{12}\})$	34359738368
8	$\mathcal{O}(1; \{2^9, 8^{14}\})$	4294967296
8	$\mathcal{O}(1; \{2^6, 4^2, 8^{14}\})$	17179869184
8	$\mathcal{O}(1; \{2^3, 4^4, 8^{14}\})$	68719476736
8	$\mathcal{O}(1; \{4^6, 8^{14}\})$	274877906944
8	$\mathcal{O}(1; \{2^4, 4, 8^{16}\})$	137438953472
8	$\mathcal{O}(1; \{2, 4^3, 8^{16}\})$	549755813888
8	$\mathcal{O}(1; \{2^2, 8^{18}\})$	1099511627776
8	$\mathcal{O}(0; \{2^{34}, 8^2\})$	4

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^{31}, 4^2, 8^2\})$	16
8	$\mathcal{O}(0; \{2^{28}, 4^4, 8^2\})$	64
8	$\mathcal{O}(0; \{2^{25}, 4^6, 8^2\})$	256
8	$\mathcal{O}(0; \{2^{22}, 4^8, 8^2\})$	1024
8	$\mathcal{O}(0; \{2^{19}, 4^{10}, 8^2\})$	4096
8	$\mathcal{O}(0; \{2^{16}, 4^{12}, 8^2\})$	16384
8	$\mathcal{O}(0; \{2^{13}, 4^{14}, 8^2\})$	65536
8	$\mathcal{O}(0; \{2^{10}, 4^{16}, 8^2\})$	262144
8	$\mathcal{O}(0; \{2^7, 4^{18}, 8^2\})$	1048576
8	$\mathcal{O}(0; \{2^4, 4^{20}, 8^2\})$	4194304
8	$\mathcal{O}(0; \{2, 4^{22}, 8^2\})$	16777216
8	$\mathcal{O}(0; \{2^{29}, 4, 8^4\})$	128
8	$\mathcal{O}(0; \{2^{26}, 4^3, 8^4\})$	512
8	$\mathcal{O}(0; \{2^{23}, 4^5, 8^4\})$	2048
8	$\mathcal{O}(0; \{2^{20}, 4^7, 8^4\})$	8192
8	$\mathcal{O}(0; \{2^{17}, 4^9, 8^4\})$	32768
8	$\mathcal{O}(0; \{2^{14}, 4^{11}, 8^4\})$	131072
8	$\mathcal{O}(0; \{2^{11}, 4^{13}, 8^4\})$	524288
8	$\mathcal{O}(0; \{2^8, 4^{15}, 8^4\})$	2097152
8	$\mathcal{O}(0; \{2^5, 4^{17}, 8^4\})$	8388608
8	$\mathcal{O}(0; \{2^2, 4^{19}, 8^4\})$	33554432
8	$\mathcal{O}(0; \{2^{27}, 8^6\})$	1024
8	$\mathcal{O}(0; \{2^{24}, 4^2, 8^6\})$	4096
8	$\mathcal{O}(0; \{2^{21}, 4^4, 8^6\})$	16384
8	$\mathcal{O}(0; \{2^{18}, 4^6, 8^6\})$	65536
8	$\mathcal{O}(0; \{2^{15}, 4^8, 8^6\})$	262144
8	$\mathcal{O}(0; \{2^{12}, 4^{10}, 8^6\})$	1048576
8	$\mathcal{O}(0; \{2^9, 4^{12}, 8^6\})$	4194304
8	$\mathcal{O}(0; \{2^6, 4^{14}, 8^6\})$	16777216
8	$\mathcal{O}(0; \{2^3, 4^{16}, 8^6\})$	67108864
8	$\mathcal{O}(0; \{4^{18}, 8^6\})$	268435456
8	$\mathcal{O}(0; \{2^{22}, 4, 8^8\})$	32768
8	$\mathcal{O}(0; \{2^{19}, 4^3, 8^8\})$	131072
8	$\mathcal{O}(0; \{2^{16}, 4^5, 8^8\})$	524288
8	$\mathcal{O}(0; \{2^{13}, 4^7, 8^8\})$	2097152
8	$\mathcal{O}(0; \{2^{10}, 4^9, 8^8\})$	8388608
8	$\mathcal{O}(0; \{2^7, 4^{11}, 8^8\})$	33554432
8	$\mathcal{O}(0; \{2^4, 4^{13}, 8^8\})$	134217728
8	$\mathcal{O}(0; \{2, 4^{15}, 8^8\})$	536870912
8	$\mathcal{O}(0; \{2^{20}, 8^{10}\})$	262144
8	$\mathcal{O}(0; \{2^{17}, 4^2, 8^{10}\})$	1048576
8	$\mathcal{O}(0; \{2^{14}, 4^4, 8^{10}\})$	4194304
8	$\mathcal{O}(0; \{2^{11}, 4^6, 8^{10}\})$	16777216

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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	$\mathcal{O}(0; \{2^8, 4^8, 8^{10}\})$	67108864
8	$\mathcal{O}(0; \{2^5, 4^{10}, 8^{10}\})$	268435456
8	$\mathcal{O}(0; \{2^2, 4^{12}, 8^{10}\})$	1073741824
8	$\mathcal{O}(0; \{2^{15}, 4, 8^{12}\})$	8388608
8	$\mathcal{O}(0; \{2^{12}, 4^3, 8^{12}\})$	33554432
8	$\mathcal{O}(0; \{2^9, 4^5, 8^{12}\})$	134217728
8	$\mathcal{O}(0; \{2^6, 4^7, 8^{12}\})$	536870912
8	$\mathcal{O}(0; \{2^3, 4^9, 8^{12}\})$	2147483648
8	$\mathcal{O}(0; \{4^{11}, 8^{12}\})$	8589934592
8	$\mathcal{O}(0; \{2^{13}, 8^{14}\})$	67108864
8	$\mathcal{O}(0; \{2^{10}, 4^2, 8^{14}\})$	268435456
8	$\mathcal{O}(0; \{2^7, 4^4, 8^{14}\})$	1073741824
8	$\mathcal{O}(0; \{2^4, 4^6, 8^{14}\})$	4294967296
8	$\mathcal{O}(0; \{2, 4^8, 8^{14}\})$	17179869184
8	$\mathcal{O}(0; \{2^8, 4, 8^{16}\})$	2147483648
8	$\mathcal{O}(0; \{2^5, 4^3, 8^{16}\})$	8589934592
8	$\mathcal{O}(0; \{2^2, 4^5, 8^{16}\})$	34359738368
8	$\mathcal{O}(0; \{2^6, 8^{18}\})$	17179869184
8	$\mathcal{O}(0; \{2^3, 4^2, 8^{18}\})$	68719476736
8	$\mathcal{O}(0; \{4^4, 8^{18}\})$	274877906944
8	$\mathcal{O}(0; \{2, 4, 8^{20}\})$	549755813888
9	$\mathcal{O}(6; \{3^2, 9^4\})$	183014339639688
9	$\mathcal{O}(5; \{3^5, 9^4\})$	18075490334784
9	$\mathcal{O}(5; \{3, 9^7\})$	213516729579636
9	$\mathcal{O}(4; \{3^8, 9^4\})$	1785233613312
9	$\mathcal{O}(4; \{3^4, 9^7\})$	21088072057248
9	$\mathcal{O}(4; \{9^{10}\})$	289772704429506
9	$\mathcal{O}(3; \{3^{11}, 9^4\})$	176319369216
9	$\mathcal{O}(3; \{3^7, 9^7\})$	2082772548864
9	$\mathcal{O}(3; \{3^3, 9^{10}\})$	28619526363408
9	$\mathcal{O}(2; \{3^{14}, 9^4\})$	17414258688
9	$\mathcal{O}(2; \{3^{10}, 9^7\})$	205705930752
9	$\mathcal{O}(2; \{3^6, 9^{10}\})$	2826619887744
9	$\mathcal{O}(2; \{3^2, 9^{13}\})$	38075685658920
9	$\mathcal{O}(1; \{3^{17}, 9^4\})$	1719926784
9	$\mathcal{O}(1; \{3^{13}, 9^7\})$	20316635136
9	$\mathcal{O}(1; \{3^9, 9^{10}\})$	279172334592
9	$\mathcal{O}(1; \{3^5, 9^{13}\})$	3760561546560
9	$\mathcal{O}(1; \{3, 9^{16}\})$	50781528016164
9	$\mathcal{O}(0; \{3^{20}, 9^4\})$	169869312
9	$\mathcal{O}(0; \{3^{16}, 9^7\})$	2006581248
9	$\mathcal{O}(0; \{3^{12}, 9^{10}\})$	27572576256
9	$\mathcal{O}(0; \{3^8, 9^{13}\})$	371413486080

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(0; \{3^4, 9^{16}\})$	5015459557152
9	$\mathcal{O}(0; \{9^{19}\})$	67706379498618
10	$\mathcal{O}(6; \{2^2, 5^3\})$	12000000000000
10	$\mathcal{O}(6; \{5^2, 10^2\})$	52000000000000
10	$\mathcal{O}(5; \{2^6, 5^3\})$	12000000000000
10	$\mathcal{O}(5; \{2, 5^5, 10\})$	82000000000000
10	$\mathcal{O}(5; \{2^4, 5^2, 10^2\})$	52000000000000
10	$\mathcal{O}(5; \{2^2, 5, 10^4\})$	20400000000000
10	$\mathcal{O}(5; \{10^6\})$	82000000000000
10	$\mathcal{O}(4; \{2^{10}, 5^3\})$	12000000000000
10	$\mathcal{O}(4; \{2^2, 5^8\})$	13108000000000
10	$\mathcal{O}(4; \{2^5, 5^5, 10\})$	82000000000000
10	$\mathcal{O}(4; \{2^8, 5^2, 10^2\})$	52000000000000
10	$\mathcal{O}(4; \{5^7, 10^2\})$	52428000000000
10	$\mathcal{O}(4; \{2^3, 5^4, 10^3\})$	32760000000000
10	$\mathcal{O}(4; \{2^6, 5, 10^4\})$	20400000000000
10	$\mathcal{O}(4; \{2, 5^3, 10^5\})$	13108000000000
10	$\mathcal{O}(4; \{2^4, 10^6\})$	82000000000000
10	$\mathcal{O}(3; \{2^{14}, 5^3\})$	12000000000000
10	$\mathcal{O}(3; \{2^6, 5^8\})$	13108000000000
10	$\mathcal{O}(3; \{2^9, 5^5, 10\})$	82000000000000
10	$\mathcal{O}(3; \{2, 5^{10}, 10\})$	83886000000000
10	$\mathcal{O}(3; \{2^{12}, 5^2, 10^2\})$	52000000000000
10	$\mathcal{O}(3; \{2^4, 5^7, 10^2\})$	52428000000000
10	$\mathcal{O}(3; \{2^7, 5^4, 10^3\})$	32760000000000
10	$\mathcal{O}(3; \{2^{10}, 5, 10^4\})$	20400000000000
10	$\mathcal{O}(3; \{2^2, 5^6, 10^4\})$	20971600000000
10	$\mathcal{O}(3; \{2^5, 5^3, 10^5\})$	13108000000000
10	$\mathcal{O}(3; \{2^8, 10^6\})$	82000000000000
10	$\mathcal{O}(3; \{5^5, 10^6\})$	83886000000000
10	$\mathcal{O}(3; \{2^3, 5^2, 10^7\})$	52428000000000
10	$\mathcal{O}(3; \{2, 5, 10^9\})$	20971600000000
10	$\mathcal{O}(2; \{2^{18}, 5^3\})$	12000000000000
10	$\mathcal{O}(2; \{2^{10}, 5^8\})$	13108000000000
10	$\mathcal{O}(2; \{2^2, 5^{13}\})$	13421772000000
10	$\mathcal{O}(2; \{2^{13}, 5^5, 10\})$	82000000000000
10	$\mathcal{O}(2; \{2^5, 5^{10}, 10\})$	83886000000000
10	$\mathcal{O}(2; \{2^{16}, 5^2, 10^2\})$	52000000000000
10	$\mathcal{O}(2; \{2^8, 5^7, 10^2\})$	52428000000000
10	$\mathcal{O}(2; \{5^{12}, 10^2\})$	53687092000000
10	$\mathcal{O}(2; \{2^{11}, 5^4, 10^3\})$	32760000000000
10	$\mathcal{O}(2; \{2^3, 5^9, 10^3\})$	33554440000000
10	$\mathcal{O}(2; \{2^{14}, 5, 10^4\})$	20400000000000

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{2^6, 5^6, 10^4\})$	2097160000
10	$\mathcal{O}(2; \{2^9, 5^3, 10^5\})$	131080000
10	$\mathcal{O}(2; \{2, 5^8, 10^5\})$	134217720000
10	$\mathcal{O}(2; \{2^{12}, 10^6\})$	8200000
10	$\mathcal{O}(2; \{2^4, 5^5, 10^6\})$	8388600000
10	$\mathcal{O}(2; \{2^7, 5^2, 10^7\})$	524280000
10	$\mathcal{O}(2; \{2^2, 5^4, 10^8\})$	33554440000
10	$\mathcal{O}(2; \{2^5, 5, 10^9\})$	2097160000
10	$\mathcal{O}(2; \{5^3, 10^{10}\})$	134217720000
10	$\mathcal{O}(2; \{2^3, 10^{11}\})$	8388600000
10	$\mathcal{O}(1; \{2^{22}, 5^3\})$	1200
10	$\mathcal{O}(1; \{2^{14}, 5^8\})$	1310800
10	$\mathcal{O}(1; \{2^6, 5^{13}\})$	1342177200
10	$\mathcal{O}(1; \{2^{17}, 5^5, 10\})$	82000
10	$\mathcal{O}(1; \{2^9, 5^{10}, 10\})$	83886000
10	$\mathcal{O}(1; \{2, 5^{15}, 10\})$	85899346000
10	$\mathcal{O}(1; \{2^{20}, 5^2, 10^2\})$	5200
10	$\mathcal{O}(1; \{2^{12}, 5^7, 10^2\})$	5242800
10	$\mathcal{O}(1; \{2^4, 5^{12}, 10^2\})$	5368709200
10	$\mathcal{O}(1; \{2^{15}, 5^4, 10^3\})$	327600
10	$\mathcal{O}(1; \{2^7, 5^9, 10^3\})$	335544400
10	$\mathcal{O}(1; \{2^{18}, 5, 10^4\})$	20400
10	$\mathcal{O}(1; \{2^{10}, 5^6, 10^4\})$	20971600
10	$\mathcal{O}(1; \{2^2, 5^{11}, 10^4\})$	21474836400
10	$\mathcal{O}(1; \{2^{13}, 5^3, 10^5\})$	1310800
10	$\mathcal{O}(1; \{2^5, 5^8, 10^5\})$	1342177200
10	$\mathcal{O}(1; \{2^{16}, 10^6\})$	82000
10	$\mathcal{O}(1; \{2^8, 5^5, 10^6\})$	83886000
10	$\mathcal{O}(1; \{5^{10}, 10^6\})$	85899346000
10	$\mathcal{O}(1; \{2^{11}, 5^2, 10^7\})$	5242800
10	$\mathcal{O}(1; \{2^3, 5^7, 10^7\})$	5368709200
10	$\mathcal{O}(1; \{2^6, 5^4, 10^8\})$	335544400
10	$\mathcal{O}(1; \{2^9, 5, 10^9\})$	20971600
10	$\mathcal{O}(1; \{2, 5^6, 10^9\})$	21474836400
10	$\mathcal{O}(1; \{2^4, 5^3, 10^{10}\})$	1342177200
10	$\mathcal{O}(1; \{2^7, 10^{11}\})$	83886000
10	$\mathcal{O}(1; \{2^2, 5^2, 10^{12}\})$	5368709200
10	$\mathcal{O}(1; \{5, 10^{14}\})$	21474836400
10	$\mathcal{O}(0; \{2^{26}, 5^3\})$	12
10	$\mathcal{O}(0; \{2^{18}, 5^8\})$	13108
10	$\mathcal{O}(0; \{2^{10}, 5^{13}\})$	13421772
10	$\mathcal{O}(0; \{2^2, 5^{18}\})$	13743895348
10	$\mathcal{O}(0; \{2^{21}, 5^5, 10\})$	820

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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	$\mathcal{O}(0; \{2^{13}, 5^{10}, 10\})$	838860
10	$\mathcal{O}(0; \{2^5, 5^{15}, 10\})$	858993460
10	$\mathcal{O}(0; \{2^{24}, 5^2, 10^2\})$	52
10	$\mathcal{O}(0; \{2^{16}, 5^7, 10^2\})$	52428
10	$\mathcal{O}(0; \{2^8, 5^{12}, 10^2\})$	53687092
10	$\mathcal{O}(0; \{5^{17}, 10^2\})$	54975581388
10	$\mathcal{O}(0; \{2^{19}, 5^4, 10^3\})$	3276
10	$\mathcal{O}(0; \{2^{11}, 5^9, 10^3\})$	3355444
10	$\mathcal{O}(0; \{2^3, 5^{14}, 10^3\})$	3435973836
10	$\mathcal{O}(0; \{2^{22}, 5, 10^4\})$	204
10	$\mathcal{O}(0; \{2^{14}, 5^6, 10^4\})$	209716
10	$\mathcal{O}(0; \{2^6, 5^{11}, 10^4\})$	214748364
10	$\mathcal{O}(0; \{2^{17}, 5^3, 10^5\})$	13108
10	$\mathcal{O}(0; \{2^9, 5^8, 10^5\})$	13421772
10	$\mathcal{O}(0; \{2, 5^{13}, 10^5\})$	13743895348
10	$\mathcal{O}(0; \{2^{20}, 10^6\})$	820
10	$\mathcal{O}(0; \{2^{12}, 5^5, 10^6\})$	838860
10	$\mathcal{O}(0; \{2^4, 5^{10}, 10^6\})$	858993460
10	$\mathcal{O}(0; \{2^{15}, 5^2, 10^7\})$	52428
10	$\mathcal{O}(0; \{2^7, 5^7, 10^7\})$	53687092
10	$\mathcal{O}(0; \{2^{10}, 5^4, 10^8\})$	3355444
10	$\mathcal{O}(0; \{2^2, 5^9, 10^8\})$	3435973836
10	$\mathcal{O}(0; \{2^{13}, 5, 10^9\})$	209716
10	$\mathcal{O}(0; \{2^5, 5^6, 10^9\})$	214748364
10	$\mathcal{O}(0; \{2^8, 5^3, 10^{10}\})$	13421772
10	$\mathcal{O}(0; \{5^8, 10^{10}\})$	13743895348
10	$\mathcal{O}(0; \{2^{11}, 10^{11}\})$	838860
10	$\mathcal{O}(0; \{2^3, 5^5, 10^{11}\})$	858993460
10	$\mathcal{O}(0; \{2^6, 5^2, 10^{12}\})$	53687092
10	$\mathcal{O}(0; \{2, 5^4, 10^{13}\})$	3435973836
10	$\mathcal{O}(0; \{2^4, 5, 10^{14}\})$	214748364
10	$\mathcal{O}(0; \{2^2, 10^{16}\})$	858993460
11	$\mathcal{O}(3; \{11^9\})$	161050998389490
12	$\mathcal{O}(5; \{4^2, 6^2\})$	247669456896
12	$\mathcal{O}(5; \{3, 4, 6, 12\})$	247669456896
12	$\mathcal{O}(5; \{3^2, 12^2\})$	743008370688
12	$\mathcal{O}(5; \{2, 6, 12^2\})$	247669456896
12	$\mathcal{O}(4; \{2^2, 3^4, 4^2\})$	5159780352
12	$\mathcal{O}(4; \{2^3, 3^2, 4^2, 6\})$	1719926784
12	$\mathcal{O}(4; \{3^2, 4^4, 6\})$	6879707136
12	$\mathcal{O}(4; \{2^4, 4^2, 6^2\})$	1719926784
12	$\mathcal{O}(4; \{3^3, 4^2, 6^2\})$	8599633920
12	$\mathcal{O}(4; \{2, 4^4, 6^2\})$	6879707136

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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	$\mathcal{O}(4; \{2, 3, 4^2, 6^3\})$	5159780352
12	$\mathcal{O}(4; \{2^3, 3^3, 4, 12\})$	5159780352
12	$\mathcal{O}(4; \{3^3, 4^3, 12\})$	20639121408
12	$\mathcal{O}(4; \{2^4, 3, 4, 6, 12\})$	1719926784
12	$\mathcal{O}(4; \{3^4, 4, 6, 12\})$	18919194624
12	$\mathcal{O}(4; \{2, 3, 4^3, 6, 12\})$	6879707136
12	$\mathcal{O}(4; \{2, 3^2, 4, 6^2, 12\})$	8599633920
12	$\mathcal{O}(4; \{2^2, 4, 6^3, 12\})$	5159780352
12	$\mathcal{O}(4; \{2^4, 3^2, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{3^5, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{2, 3^2, 4^2, 12^2\})$	20639121408
12	$\mathcal{O}(4; \{2^5, 6, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^3, 6, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2^2, 4^2, 6, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{2^2, 3, 6^2, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{6^4, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2^2, 3, 4, 12^3\})$	20639121408
12	$\mathcal{O}(4; \{4, 6^2, 12^3\})$	34398535680
12	$\mathcal{O}(4; \{2^3, 12^4\})$	20639121408
12	$\mathcal{O}(4; \{4^2, 12^4\})$	82556485632
12	$\mathcal{O}(4; \{3, 6, 12^4\})$	75676778496
12	$\mathcal{O}(3; \{2^6, 3^4, 4^2\})$	35831808
12	$\mathcal{O}(3; \{2^2, 3^7, 4^2\})$	250822656
12	$\mathcal{O}(3; \{2^3, 3^4, 4^4\})$	143327232
12	$\mathcal{O}(3; \{3^4, 4^6\})$	573308928
12	$\mathcal{O}(3; \{2^7, 3^2, 4^2, 6\})$	11943936
12	$\mathcal{O}(3; \{2^3, 3^5, 4^2, 6\})$	131383296
12	$\mathcal{O}(3; \{2^4, 3^2, 4^4, 6\})$	47775744
12	$\mathcal{O}(3; \{3^5, 4^4, 6\})$	525533184
12	$\mathcal{O}(3; \{2, 3^2, 4^6, 6\})$	191102976
12	$\mathcal{O}(3; \{2^8, 4^2, 6^2\})$	11943936
12	$\mathcal{O}(3; \{2^4, 3^3, 4^2, 6^2\})$	59719680
12	$\mathcal{O}(3; \{3^6, 4^2, 6^2\})$	513589248
12	$\mathcal{O}(3; \{2^5, 4^4, 6^2\})$	47775744
12	$\mathcal{O}(3; \{2, 3^3, 4^4, 6^2\})$	238878720
12	$\mathcal{O}(3; \{2^2, 4^6, 6^2\})$	191102976
12	$\mathcal{O}(3; \{2^5, 3, 4^2, 6^3\})$	35831808
12	$\mathcal{O}(3; \{2, 3^4, 4^2, 6^3\})$	250822656
12	$\mathcal{O}(3; \{2^2, 3, 4^4, 6^3\})$	143327232
12	$\mathcal{O}(3; \{2^2, 3^2, 4^2, 6^4\})$	131383296
12	$\mathcal{O}(3; \{2^3, 4^2, 6^5\})$	59719680
12	$\mathcal{O}(3; \{4^4, 6^5\})$	238878720
12	$\mathcal{O}(3; \{3, 4^2, 6^6\})$	250822656

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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	$\mathcal{O}(3; \{2^7, 3^3, 4, 12\})$	35831808
12	$\mathcal{O}(3; \{2^3, 3^6, 4, 12\})$	250822656
12	$\mathcal{O}(3; \{2^4, 3^3, 4^3, 12\})$	143327232
12	$\mathcal{O}(3; \{3^6, 4^3, 12\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^3, 4^5, 12\})$	573308928
12	$\mathcal{O}(3; \{2^8, 3, 4, 6, 12\})$	11943936
12	$\mathcal{O}(3; \{2^4, 3^4, 4, 6, 12\})$	131383296
12	$\mathcal{O}(3; \{3^7, 4, 6, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^5, 3, 4^3, 6, 12\})$	47775744
12	$\mathcal{O}(3; \{2, 3^4, 4^3, 6, 12\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3, 4^5, 6, 12\})$	191102976
12	$\mathcal{O}(3; \{2^5, 3^2, 4, 6^2, 12\})$	59719680
12	$\mathcal{O}(3; \{2, 3^5, 4, 6^2, 12\})$	513589248
12	$\mathcal{O}(3; \{2^2, 3^2, 4^3, 6^2, 12\})$	238878720
12	$\mathcal{O}(3; \{2^6, 4, 6^3, 12\})$	35831808
12	$\mathcal{O}(3; \{2^2, 3^3, 4, 6^3, 12\})$	250822656
12	$\mathcal{O}(3; \{2^3, 4^3, 6^3, 12\})$	143327232
12	$\mathcal{O}(3; \{4^5, 6^3, 12\})$	573308928
12	$\mathcal{O}(3; \{2^3, 3, 4, 6^4, 12\})$	131383296
12	$\mathcal{O}(3; \{3, 4^3, 6^4, 12\})$	525533184
12	$\mathcal{O}(3; \{3^2, 4, 6^5, 12\})$	513589248
12	$\mathcal{O}(3; \{2, 4, 6^6, 12\})$	250822656
12	$\mathcal{O}(3; \{2^8, 3^2, 12^2\})$	35831808
12	$\mathcal{O}(3; \{2^4, 3^5, 12^2\})$	250822656
12	$\mathcal{O}(3; \{3^8, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2^5, 3^2, 4^2, 12^2\})$	143327232
12	$\mathcal{O}(3; \{2, 3^5, 4^2, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3^2, 4^4, 12^2\})$	573308928
12	$\mathcal{O}(3; \{2^9, 6, 12^2\})$	11943936
12	$\mathcal{O}(3; \{2^5, 3^3, 6, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2, 3^6, 6, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^6, 4^2, 6, 12^2\})$	47775744
12	$\mathcal{O}(3; \{2^2, 3^3, 4^2, 6, 12^2\})$	525533184
12	$\mathcal{O}(3; \{2^3, 4^4, 6, 12^2\})$	191102976
12	$\mathcal{O}(3; \{4^6, 6, 12^2\})$	764411904
12	$\mathcal{O}(3; \{2^6, 3, 6^2, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^2, 3^4, 6^2, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^3, 3, 4^2, 6^2, 12^2\})$	238878720
12	$\mathcal{O}(3; \{3, 4^4, 6^2, 12^2\})$	955514880
12	$\mathcal{O}(3; \{2^3, 3^2, 6^3, 12^2\})$	250822656
12	$\mathcal{O}(3; \{3^2, 4^2, 6^3, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2^4, 6^4, 12^2\})$	131383296
12	$\mathcal{O}(3; \{3^3, 6^4, 12^2\})$	1015234560

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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	$\mathcal{O}(3; \{2, 4^2, 6^4, 12^2\})$	525533184
12	$\mathcal{O}(3; \{2, 3, 6^5, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^6, 3, 4, 12^3\})$	143327232
12	$\mathcal{O}(3; \{2^2, 3^4, 4, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 3, 4^3, 12^3\})$	573308928
12	$\mathcal{O}(3; \{3, 4^5, 12^3\})$	2293235712
12	$\mathcal{O}(3; \{2^3, 3^2, 4, 6, 12^3\})$	525533184
12	$\mathcal{O}(3; \{3^2, 4^3, 6, 12^3\})$	2102132736
12	$\mathcal{O}(3; \{2^4, 4, 6^2, 12^3\})$	238878720
12	$\mathcal{O}(3; \{3^3, 4, 6^2, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2, 4^3, 6^2, 12^3\})$	955514880
12	$\mathcal{O}(3; \{2, 3, 4, 6^3, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{2^7, 12^4\})$	143327232
12	$\mathcal{O}(3; \{2^3, 3^3, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{2^4, 4^2, 12^4\})$	573308928
12	$\mathcal{O}(3; \{3^3, 4^2, 12^4\})$	4013162496
12	$\mathcal{O}(3; \{2, 4^4, 12^4\})$	2293235712
12	$\mathcal{O}(3; \{2^4, 3, 6, 12^4\})$	525533184
12	$\mathcal{O}(3; \{3^4, 6, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2, 3, 4^2, 6, 12^4\})$	2102132736
12	$\mathcal{O}(3; \{2, 3^2, 6^2, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2^2, 6^3, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^2, 4, 12^5\})$	4013162496
12	$\mathcal{O}(3; \{2^2, 4, 6, 12^5\})$	2102132736
12	$\mathcal{O}(3; \{2^2, 3, 12^6\})$	4013162496
12	$\mathcal{O}(3; \{6^2, 12^6\})$	8217427968
12	$\mathcal{O}(3; \{4, 12^7\})$	16052649984
12	$\mathcal{O}(2; \{2^{10}, 3^4, 4^2\})$	248832
12	$\mathcal{O}(2; \{2^6, 3^7, 4^2\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^{10}, 4^2\})$	14183424
12	$\mathcal{O}(2; \{2^7, 3^4, 4^4\})$	995328
12	$\mathcal{O}(2; \{2^3, 3^7, 4^4\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^4, 4^6\})$	3981312
12	$\mathcal{O}(2; \{3^7, 4^6\})$	27869184
12	$\mathcal{O}(2; \{2, 3^4, 4^8\})$	15925248
12	$\mathcal{O}(2; \{2^{11}, 3^2, 4^2, 6\})$	82944
12	$\mathcal{O}(2; \{2^7, 3^5, 4^2, 6\})$	912384
12	$\mathcal{O}(2; \{2^3, 3^8, 4^2, 6\})$	7050240
12	$\mathcal{O}(2; \{2^8, 3^2, 4^4, 6\})$	331776
12	$\mathcal{O}(2; \{2^4, 3^5, 4^4, 6\})$	3649536
12	$\mathcal{O}(2; \{3^8, 4^4, 6\})$	28200960
12	$\mathcal{O}(2; \{2^5, 3^2, 4^6, 6\})$	1327104
12	$\mathcal{O}(2; \{2, 3^5, 4^6, 6\})$	14598144

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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	$\mathcal{O}(2; \{2^2, 3^2, 4^8, 6\})$	5308416
12	$\mathcal{O}(2; \{2^{12}, 4^2, 6^2\})$	82944
12	$\mathcal{O}(2; \{2^8, 3^3, 4^2, 6^2\})$	414720
12	$\mathcal{O}(2; \{2^4, 3^6, 4^2, 6^2\})$	3566592
12	$\mathcal{O}(2; \{3^9, 4^2, 6^2\})$	28283904
12	$\mathcal{O}(2; \{2^9, 4^4, 6^2\})$	331776
12	$\mathcal{O}(2; \{2^5, 3^3, 4^4, 6^2\})$	1658880
12	$\mathcal{O}(2; \{2, 3^6, 4^4, 6^2\})$	14266368
12	$\mathcal{O}(2; \{2^6, 4^6, 6^2\})$	1327104
12	$\mathcal{O}(2; \{2^2, 3^3, 4^6, 6^2\})$	6635520
12	$\mathcal{O}(2; \{2^3, 4^8, 6^2\})$	5308416
12	$\mathcal{O}(2; \{4^{10}, 6^2\})$	21233664
12	$\mathcal{O}(2; \{2^9, 3, 4^2, 6^3\})$	248832
12	$\mathcal{O}(2; \{2^5, 3^4, 4^2, 6^3\})$	1741824
12	$\mathcal{O}(2; \{2, 3^7, 4^2, 6^3\})$	14183424
12	$\mathcal{O}(2; \{2^6, 3, 4^4, 6^3\})$	995328
12	$\mathcal{O}(2; \{2^2, 3^4, 4^4, 6^3\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3, 4^6, 6^3\})$	3981312
12	$\mathcal{O}(2; \{3, 4^8, 6^3\})$	15925248
12	$\mathcal{O}(2; \{2^6, 3^2, 4^2, 6^4\})$	912384
12	$\mathcal{O}(2; \{2^2, 3^5, 4^2, 6^4\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3^2, 4^4, 6^4\})$	3649536
12	$\mathcal{O}(2; \{3^2, 4^6, 6^4\})$	14598144
12	$\mathcal{O}(2; \{2^7, 4^2, 6^5\})$	414720
12	$\mathcal{O}(2; \{2^3, 3^3, 4^2, 6^5\})$	3566592
12	$\mathcal{O}(2; \{2^4, 4^4, 6^5\})$	1658880
12	$\mathcal{O}(2; \{3^3, 4^4, 6^5\})$	14266368
12	$\mathcal{O}(2; \{2, 4^6, 6^5\})$	6635520
12	$\mathcal{O}(2; \{2^4, 3, 4^2, 6^6\})$	1741824
12	$\mathcal{O}(2; \{3^4, 4^2, 6^6\})$	14183424
12	$\mathcal{O}(2; \{2, 3, 4^4, 6^6\})$	6967296
12	$\mathcal{O}(2; \{2, 3^2, 4^2, 6^7\})$	7050240
12	$\mathcal{O}(2; \{2^2, 4^2, 6^8\})$	3566592
12	$\mathcal{O}(2; \{2^{11}, 3^3, 4, 12\})$	248832
12	$\mathcal{O}(2; \{2^7, 3^6, 4, 12\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^9, 4, 12\})$	14183424
12	$\mathcal{O}(2; \{2^8, 3^3, 4^3, 12\})$	995328
12	$\mathcal{O}(2; \{2^4, 3^6, 4^3, 12\})$	6967296
12	$\mathcal{O}(2; \{3^9, 4^3, 12\})$	56733696
12	$\mathcal{O}(2; \{2^5, 3^3, 4^5, 12\})$	3981312
12	$\mathcal{O}(2; \{2, 3^6, 4^5, 12\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^3, 4^7, 12\})$	15925248
12	$\mathcal{O}(2; \{2^{12}, 3, 4, 6, 12\})$	82944

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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	$\mathcal{O}(2; \{2^8, 3^4, 4, 6, 12\})$	912384
12	$\mathcal{O}(2; \{2^4, 3^7, 4, 6, 12\})$	7050240
12	$\mathcal{O}(2; \{3^{10}, 4, 6, 12\})$	56650752
12	$\mathcal{O}(2; \{2^9, 3, 4^3, 6, 12\})$	331776
12	$\mathcal{O}(2; \{2^5, 3^4, 4^3, 6, 12\})$	3649536
12	$\mathcal{O}(2; \{2, 3^7, 4^3, 6, 12\})$	28200960
12	$\mathcal{O}(2; \{2^6, 3, 4^5, 6, 12\})$	1327104
12	$\mathcal{O}(2; \{2^2, 3^4, 4^5, 6, 12\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3, 4^7, 6, 12\})$	5308416
12	$\mathcal{O}(2; \{3, 4^9, 6, 12\})$	21233664
12	$\mathcal{O}(2; \{2^9, 3^2, 4, 6^2, 12\})$	414720
12	$\mathcal{O}(2; \{2^5, 3^5, 4, 6^2, 12\})$	3566592
12	$\mathcal{O}(2; \{2, 3^8, 4, 6^2, 12\})$	28283904
12	$\mathcal{O}(2; \{2^6, 3^2, 4^3, 6^2, 12\})$	1658880
12	$\mathcal{O}(2; \{2^2, 3^5, 4^3, 6^2, 12\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3^2, 4^5, 6^2, 12\})$	6635520
12	$\mathcal{O}(2; \{3^2, 4^7, 6^2, 12\})$	26542080
12	$\mathcal{O}(2; \{2^{10}, 4, 6^3, 12\})$	248832
12	$\mathcal{O}(2; \{2^6, 3^3, 4, 6^3, 12\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^6, 4, 6^3, 12\})$	14183424
12	$\mathcal{O}(2; \{2^7, 4^3, 6^3, 12\})$	995328
12	$\mathcal{O}(2; \{2^3, 3^3, 4^3, 6^3, 12\})$	6967296
12	$\mathcal{O}(2; \{2^4, 4^5, 6^3, 12\})$	3981312
12	$\mathcal{O}(2; \{3^3, 4^5, 6^3, 12\})$	27869184
12	$\mathcal{O}(2; \{2, 4^7, 6^3, 12\})$	15925248
12	$\mathcal{O}(2; \{2^7, 3, 4, 6^4, 12\})$	912384
12	$\mathcal{O}(2; \{2^3, 3^4, 4, 6^4, 12\})$	7050240
12	$\mathcal{O}(2; \{2^4, 3, 4^3, 6^4, 12\})$	3649536
12	$\mathcal{O}(2; \{3^4, 4^3, 6^4, 12\})$	28200960
12	$\mathcal{O}(2; \{2, 3, 4^5, 6^4, 12\})$	14598144
12	$\mathcal{O}(2; \{2^4, 3^2, 4, 6^5, 12\})$	3566592
12	$\mathcal{O}(2; \{3^5, 4, 6^5, 12\})$	28283904
12	$\mathcal{O}(2; \{2, 3^2, 4^3, 6^5, 12\})$	14266368
12	$\mathcal{O}(2; \{2^5, 4, 6^6, 12\})$	1741824
12	$\mathcal{O}(2; \{2, 3^3, 4, 6^6, 12\})$	14183424
12	$\mathcal{O}(2; \{2^2, 4^3, 6^6, 12\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3, 4, 6^7, 12\})$	7050240
12	$\mathcal{O}(2; \{4, 6^9, 12\})$	14183424
12	$\mathcal{O}(2; \{2^{12}, 3^2, 12^2\})$	248832
12	$\mathcal{O}(2; \{2^8, 3^5, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^8, 12^2\})$	14183424
12	$\mathcal{O}(2; \{3^{11}, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^9, 3^2, 4^2, 12^2\})$	995328

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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	$\mathcal{O}(2; \{2^5, 3^5, 4^2, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2, 3^8, 4^2, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^6, 3^2, 4^4, 12^2\})$	3981312
12	$\mathcal{O}(2; \{2^2, 3^5, 4^4, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^2, 4^6, 12^2\})$	15925248
12	$\mathcal{O}(2; \{3^2, 4^8, 12^2\})$	63700992
12	$\mathcal{O}(2; \{2^{13}, 6, 12^2\})$	82944
12	$\mathcal{O}(2; \{2^9, 3^3, 6, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^6, 6, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2, 3^9, 6, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^{10}, 4^2, 6, 12^2\})$	331776
12	$\mathcal{O}(2; \{2^6, 3^3, 4^2, 6, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^6, 4^2, 6, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^7, 4^4, 6, 12^2\})$	1327104
12	$\mathcal{O}(2; \{2^3, 3^3, 4^4, 6, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2^4, 4^6, 6, 12^2\})$	5308416
12	$\mathcal{O}(2; \{3^3, 4^6, 6, 12^2\})$	58392576
12	$\mathcal{O}(2; \{2, 4^8, 6, 12^2\})$	21233664
12	$\mathcal{O}(2; \{2^{10}, 3, 6^2, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^6, 3^4, 6^2, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^7, 6^2, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^7, 3, 4^2, 6^2, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^3, 3^4, 4^2, 6^2, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^4, 3, 4^4, 6^2, 12^2\})$	6635520
12	$\mathcal{O}(2; \{3^4, 4^4, 6^2, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2, 3, 4^6, 6^2, 12^2\})$	26542080
12	$\mathcal{O}(2; \{2^7, 3^2, 6^3, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^5, 6^3, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^4, 3^2, 4^2, 6^3, 12^2\})$	6967296
12	$\mathcal{O}(2; \{3^5, 4^2, 6^3, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2, 3^2, 4^4, 6^3, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2^8, 6^4, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^4, 3^3, 6^4, 12^2\})$	7050240
12	$\mathcal{O}(2; \{3^6, 6^4, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^5, 4^2, 6^4, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2, 3^3, 4^2, 6^4, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^2, 4^4, 6^4, 12^2\})$	14598144
12	$\mathcal{O}(2; \{2^5, 3, 6^5, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2, 3^4, 6^5, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^2, 3, 4^2, 6^5, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^2, 6^6, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^3, 6^7, 12^2\})$	7050240
12	$\mathcal{O}(2; \{4^2, 6^7, 12^2\})$	28200960

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

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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	$\mathcal{O}(2; \{2, 3^5, 6^2, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^2, 3^2, 4^2, 6^2, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2^6, 6^3, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^3, 6^3, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^3, 4^2, 6^3, 12^4\})$	27869184
12	$\mathcal{O}(2; \{4^4, 6^3, 12^4\})$	111476736
12	$\mathcal{O}(2; \{2^3, 3, 6^4, 12^4\})$	28200960
12	$\mathcal{O}(2; \{3, 4^2, 6^4, 12^4\})$	112803840
12	$\mathcal{O}(2; \{3^2, 6^5, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2, 6^6, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^5, 3^2, 4, 12^5\})$	27869184
12	$\mathcal{O}(2; \{2, 3^5, 4, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2^2, 3^2, 4^3, 12^5\})$	111476736
12	$\mathcal{O}(2; \{2^6, 4, 6, 12^5\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3^3, 4, 6, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2^3, 4^3, 6, 12^5\})$	58392576
12	$\mathcal{O}(2; \{4^5, 6, 12^5\})$	233570304
12	$\mathcal{O}(2; \{2^3, 3, 4, 6^2, 12^5\})$	57065472
12	$\mathcal{O}(2; \{3, 4^3, 6^2, 12^5\})$	228261888
12	$\mathcal{O}(2; \{3^2, 4, 6^3, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2, 4, 6^4, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2^6, 3, 12^6\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^4, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2^3, 3, 4^2, 12^6\})$	111476736
12	$\mathcal{O}(2; \{3, 4^4, 12^6\})$	445906944
12	$\mathcal{O}(2; \{2^3, 3^2, 6, 12^6\})$	112803840
12	$\mathcal{O}(2; \{3^2, 4^2, 6, 12^6\})$	451215360
12	$\mathcal{O}(2; \{2^4, 6^2, 12^6\})$	57065472
12	$\mathcal{O}(2; \{3^3, 6^2, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2, 4^2, 6^2, 12^6\})$	228261888
12	$\mathcal{O}(2; \{2, 3, 6^3, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2^4, 4, 12^7\})$	111476736
12	$\mathcal{O}(2; \{3^3, 4, 12^7\})$	907739136
12	$\mathcal{O}(2; \{2, 4^3, 12^7\})$	445906944
12	$\mathcal{O}(2; \{2, 3, 4, 6, 12^7\})$	451215360
12	$\mathcal{O}(2; \{2, 3^2, 12^8\})$	907739136
12	$\mathcal{O}(2; \{2^2, 6, 12^8\})$	451215360
12	$\mathcal{O}(2; \{12^{10}\})$	3630956544
12	$\mathcal{O}(1; \{2^{14}, 3^4, 4^2\})$	1728
12	$\mathcal{O}(1; \{2^{10}, 3^7, 4^2\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^{10}, 4^2\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^{13}, 4^2\})$	786240
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^4\})$	6912

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{2^7, 3^7, 4^4\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^4\})$	393984
12	$\mathcal{O}(1; \{2^8, 3^4, 4^6\})$	27648
12	$\mathcal{O}(1; \{2^4, 3^7, 4^6\})$	193536
12	$\mathcal{O}(1; \{3^{10}, 4^6\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3^4, 4^8\})$	110592
12	$\mathcal{O}(1; \{2, 3^7, 4^8\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^4, 4^{10}\})$	442368
12	$\mathcal{O}(1; \{2^{15}, 3^2, 4^2, 6\})$	576
12	$\mathcal{O}(1; \{2^{11}, 3^5, 4^2, 6\})$	6336
12	$\mathcal{O}(1; \{2^7, 3^8, 4^2, 6\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^{11}, 4^2, 6\})$	393408
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^4, 6\})$	2304
12	$\mathcal{O}(1; \{2^8, 3^5, 4^4, 6\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^8, 4^4, 6\})$	195840
12	$\mathcal{O}(1; \{3^{11}, 4^4, 6\})$	1573632
12	$\mathcal{O}(1; \{2^9, 3^2, 4^6, 6\})$	9216
12	$\mathcal{O}(1; \{2^5, 3^5, 4^6, 6\})$	101376
12	$\mathcal{O}(1; \{2, 3^8, 4^6, 6\})$	783360
12	$\mathcal{O}(1; \{2^6, 3^2, 4^8, 6\})$	36864
12	$\mathcal{O}(1; \{2^2, 3^5, 4^8, 6\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^2, 4^{10}, 6\})$	147456
12	$\mathcal{O}(1; \{3^2, 4^{12}, 6\})$	589824
12	$\mathcal{O}(1; \{2^{16}, 4^2, 6^2\})$	576
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^2, 6^2\})$	2880
12	$\mathcal{O}(1; \{2^8, 3^6, 4^2, 6^2\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^9, 4^2, 6^2\})$	196416
12	$\mathcal{O}(1; \{3^{12}, 4^2, 6^2\})$	1573056
12	$\mathcal{O}(1; \{2^{13}, 4^4, 6^2\})$	2304
12	$\mathcal{O}(1; \{2^9, 3^3, 4^4, 6^2\})$	11520
12	$\mathcal{O}(1; \{2^5, 3^6, 4^4, 6^2\})$	99072
12	$\mathcal{O}(1; \{2, 3^9, 4^4, 6^2\})$	785664
12	$\mathcal{O}(1; \{2^{10}, 4^6, 6^2\})$	9216
12	$\mathcal{O}(1; \{2^6, 3^3, 4^6, 6^2\})$	46080
12	$\mathcal{O}(1; \{2^2, 3^6, 4^6, 6^2\})$	396288
12	$\mathcal{O}(1; \{2^7, 4^8, 6^2\})$	36864
12	$\mathcal{O}(1; \{2^3, 3^3, 4^8, 6^2\})$	184320
12	$\mathcal{O}(1; \{2^4, 4^{10}, 6^2\})$	147456
12	$\mathcal{O}(1; \{3^3, 4^{10}, 6^2\})$	737280
12	$\mathcal{O}(1; \{2, 4^{12}, 6^2\})$	589824
12	$\mathcal{O}(1; \{2^{13}, 3, 4^2, 6^3\})$	1728
12	$\mathcal{O}(1; \{2^9, 3^4, 4^2, 6^3\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^7, 4^2, 6^3\})$	98496

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	$\mathcal{O}(1; \{2, 3^{10}, 4^2, 6^3\})$	786240
12	$\mathcal{O}(1; \{2^{10}, 3, 4^4, 6^3\})$	6912
12	$\mathcal{O}(1; \{2^6, 3^4, 4^4, 6^3\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^7, 4^4, 6^3\})$	393984
12	$\mathcal{O}(1; \{2^7, 3, 4^6, 6^3\})$	27648
12	$\mathcal{O}(1; \{2^3, 3^4, 4^6, 6^3\})$	193536
12	$\mathcal{O}(1; \{2^4, 3, 4^8, 6^3\})$	110592
12	$\mathcal{O}(1; \{3^4, 4^8, 6^3\})$	774144
12	$\mathcal{O}(1; \{2, 3, 4^{10}, 6^3\})$	442368
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^2, 6^4\})$	6336
12	$\mathcal{O}(1; \{2^6, 3^5, 4^2, 6^4\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^8, 4^2, 6^4\})$	393408
12	$\mathcal{O}(1; \{2^7, 3^2, 4^4, 6^4\})$	25344
12	$\mathcal{O}(1; \{2^3, 3^5, 4^4, 6^4\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^2, 4^6, 6^4\})$	101376
12	$\mathcal{O}(1; \{3^5, 4^6, 6^4\})$	783360
12	$\mathcal{O}(1; \{2, 3^2, 4^8, 6^4\})$	405504
12	$\mathcal{O}(1; \{2^{11}, 4^2, 6^5\})$	2880
12	$\mathcal{O}(1; \{2^7, 3^3, 4^2, 6^5\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^6, 4^2, 6^5\})$	196416
12	$\mathcal{O}(1; \{2^8, 4^4, 6^5\})$	11520
12	$\mathcal{O}(1; \{2^4, 3^3, 4^4, 6^5\})$	99072
12	$\mathcal{O}(1; \{3^6, 4^4, 6^5\})$	785664
12	$\mathcal{O}(1; \{2^5, 4^6, 6^5\})$	46080
12	$\mathcal{O}(1; \{2, 3^3, 4^6, 6^5\})$	396288
12	$\mathcal{O}(1; \{2^2, 4^8, 6^5\})$	184320
12	$\mathcal{O}(1; \{2^8, 3, 4^2, 6^6\})$	12096
12	$\mathcal{O}(1; \{2^4, 3^4, 4^2, 6^6\})$	98496
12	$\mathcal{O}(1; \{3^7, 4^2, 6^6\})$	786240
12	$\mathcal{O}(1; \{2^5, 3, 4^4, 6^6\})$	48384
12	$\mathcal{O}(1; \{2, 3^4, 4^4, 6^6\})$	393984
12	$\mathcal{O}(1; \{2^2, 3, 4^6, 6^6\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 6^7\})$	48960
12	$\mathcal{O}(1; \{2, 3^5, 4^2, 6^7\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 6^7\})$	195840
12	$\mathcal{O}(1; \{2^6, 4^2, 6^8\})$	24768
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6^8\})$	196416
12	$\mathcal{O}(1; \{2^3, 4^4, 6^8\})$	99072
12	$\mathcal{O}(1; \{4^6, 6^8\})$	396288
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^9\})$	98496
12	$\mathcal{O}(1; \{3, 4^4, 6^9\})$	393984
12	$\mathcal{O}(1; \{3^2, 4^2, 6^{10}\})$	393408
12	$\mathcal{O}(1; \{2, 4^2, 6^{11}\})$	196416

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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	$\mathcal{O}(1; \{2^{15}, 3^3, 4, 12\})$	1728
12	$\mathcal{O}(1; \{2^{11}, 3^6, 4, 12\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^9, 4, 12\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^{12}, 4, 12\})$	786240
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^3, 12\})$	6912
12	$\mathcal{O}(1; \{2^8, 3^6, 4^3, 12\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^9, 4^3, 12\})$	393984
12	$\mathcal{O}(1; \{3^{12}, 4^3, 12\})$	3144960
12	$\mathcal{O}(1; \{2^9, 3^3, 4^5, 12\})$	27648
12	$\mathcal{O}(1; \{2^5, 3^6, 4^5, 12\})$	193536
12	$\mathcal{O}(1; \{2, 3^9, 4^5, 12\})$	1575936
12	$\mathcal{O}(1; \{2^6, 3^3, 4^7, 12\})$	110592
12	$\mathcal{O}(1; \{2^2, 3^6, 4^7, 12\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^3, 4^9, 12\})$	442368
12	$\mathcal{O}(1; \{3^3, 4^{11}, 12\})$	1769472
12	$\mathcal{O}(1; \{2^{16}, 3, 4, 6, 12\})$	576
12	$\mathcal{O}(1; \{2^{12}, 3^4, 4, 6, 12\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^7, 4, 6, 12\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^{10}, 4, 6, 12\})$	393408
12	$\mathcal{O}(1; \{3^{13}, 4, 6, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{13}, 3, 4^3, 6, 12\})$	2304
12	$\mathcal{O}(1; \{2^9, 3^4, 4^3, 6, 12\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^7, 4^3, 6, 12\})$	195840
12	$\mathcal{O}(1; \{2, 3^{10}, 4^3, 6, 12\})$	1573632
12	$\mathcal{O}(1; \{2^{10}, 3, 4^5, 6, 12\})$	9216
12	$\mathcal{O}(1; \{2^6, 3^4, 4^5, 6, 12\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^7, 4^5, 6, 12\})$	783360
12	$\mathcal{O}(1; \{2^7, 3, 4^7, 6, 12\})$	36864
12	$\mathcal{O}(1; \{2^3, 3^4, 4^7, 6, 12\})$	405504
12	$\mathcal{O}(1; \{2^4, 3, 4^9, 6, 12\})$	147456
12	$\mathcal{O}(1; \{3^4, 4^9, 6, 12\})$	1622016
12	$\mathcal{O}(1; \{2, 3, 4^{11}, 6, 12\})$	589824
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4, 6^2, 12\})$	2880
12	$\mathcal{O}(1; \{2^9, 3^5, 4, 6^2, 12\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^8, 4, 6^2, 12\})$	196416
12	$\mathcal{O}(1; \{2, 3^{11}, 4, 6^2, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^3, 6^2, 12\})$	11520
12	$\mathcal{O}(1; \{2^6, 3^5, 4^3, 6^2, 12\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^8, 4^3, 6^2, 12\})$	785664
12	$\mathcal{O}(1; \{2^7, 3^2, 4^5, 6^2, 12\})$	46080
12	$\mathcal{O}(1; \{2^3, 3^5, 4^5, 6^2, 12\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^2, 4^7, 6^2, 12\})$	184320
12	$\mathcal{O}(1; \{3^5, 4^7, 6^2, 12\})$	1585152

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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	$\mathcal{O}(1; \{2, 3^2, 4^9, 6^2, 12\})$	737280
12	$\mathcal{O}(1; \{2^{14}, 4, 6^3, 12\})$	1728
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4, 6^3, 12\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^6, 4, 6^3, 12\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^9, 4, 6^3, 12\})$	786240
12	$\mathcal{O}(1; \{2^{11}, 4^3, 6^3, 12\})$	6912
12	$\mathcal{O}(1; \{2^7, 3^3, 4^3, 6^3, 12\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^6, 4^3, 6^3, 12\})$	393984
12	$\mathcal{O}(1; \{2^8, 4^5, 6^3, 12\})$	27648
12	$\mathcal{O}(1; \{2^4, 3^3, 4^5, 6^3, 12\})$	193536
12	$\mathcal{O}(1; \{3^6, 4^5, 6^3, 12\})$	1575936
12	$\mathcal{O}(1; \{2^5, 4^7, 6^3, 12\})$	110592
12	$\mathcal{O}(1; \{2, 3^3, 4^7, 6^3, 12\})$	774144
12	$\mathcal{O}(1; \{2^2, 4^9, 6^3, 12\})$	442368
12	$\mathcal{O}(1; \{2^{11}, 3, 4, 6^4, 12\})$	6336
12	$\mathcal{O}(1; \{2^7, 3^4, 4, 6^4, 12\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^7, 4, 6^4, 12\})$	393408
12	$\mathcal{O}(1; \{2^8, 3, 4^3, 6^4, 12\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^4, 4^3, 6^4, 12\})$	195840
12	$\mathcal{O}(1; \{3^7, 4^3, 6^4, 12\})$	1573632
12	$\mathcal{O}(1; \{2^5, 3, 4^5, 6^4, 12\})$	101376
12	$\mathcal{O}(1; \{2, 3^4, 4^5, 6^4, 12\})$	783360
12	$\mathcal{O}(1; \{2^2, 3, 4^7, 6^4, 12\})$	405504
12	$\mathcal{O}(1; \{2^8, 3^2, 4, 6^5, 12\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^5, 4, 6^5, 12\})$	196416
12	$\mathcal{O}(1; \{3^8, 4, 6^5, 12\})$	1573056
12	$\mathcal{O}(1; \{2^5, 3^2, 4^3, 6^5, 12\})$	99072
12	$\mathcal{O}(1; \{2, 3^5, 4^3, 6^5, 12\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^2, 4^5, 6^5, 12\})$	396288
12	$\mathcal{O}(1; \{2^9, 4, 6^6, 12\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^3, 4, 6^6, 12\})$	98496
12	$\mathcal{O}(1; \{2, 3^6, 4, 6^6, 12\})$	786240
12	$\mathcal{O}(1; \{2^6, 4^3, 6^6, 12\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^3, 4^3, 6^6, 12\})$	393984
12	$\mathcal{O}(1; \{2^3, 4^5, 6^6, 12\})$	193536
12	$\mathcal{O}(1; \{4^7, 6^6, 12\})$	774144
12	$\mathcal{O}(1; \{2^6, 3, 4, 6^7, 12\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^4, 4, 6^7, 12\})$	393408
12	$\mathcal{O}(1; \{2^3, 3, 4^3, 6^7, 12\})$	195840
12	$\mathcal{O}(1; \{3, 4^5, 6^7, 12\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 6^8, 12\})$	196416
12	$\mathcal{O}(1; \{3^2, 4^3, 6^8, 12\})$	785664
12	$\mathcal{O}(1; \{2^4, 4, 6^9, 12\})$	98496

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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	$\mathcal{O}(1; \{3^3, 4, 6^9, 12\})$	786240
12	$\mathcal{O}(1; \{2, 4^3, 6^9, 12\})$	393984
12	$\mathcal{O}(1; \{2, 3, 4, 6^{10}, 12\})$	393408
12	$\mathcal{O}(1; \{2^{16}, 3^2, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{12}, 3^5, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^8, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^{11}, 12^2\})$	786240
12	$\mathcal{O}(1; \{3^{14}, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4^2, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^9, 3^5, 4^2, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^8, 4^2, 12^2\})$	393984
12	$\mathcal{O}(1; \{2, 3^{11}, 4^2, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^4, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^6, 3^5, 4^4, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^8, 4^4, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^7, 3^2, 4^6, 12^2\})$	110592
12	$\mathcal{O}(1; \{2^3, 3^5, 4^6, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^2, 4^8, 12^2\})$	442368
12	$\mathcal{O}(1; \{3^5, 4^8, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2, 3^2, 4^{10}, 12^2\})$	1769472
12	$\mathcal{O}(1; \{2^{17}, 6, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{13}, 3^3, 6, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^6, 6, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^9, 6, 12^2\})$	393408
12	$\mathcal{O}(1; \{2, 3^{12}, 6, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{14}, 4^2, 6, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^2, 6, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^6, 4^2, 6, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^9, 4^2, 6, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^{11}, 4^4, 6, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^7, 3^3, 4^4, 6, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^6, 4^4, 6, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^8, 4^6, 6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^4, 3^3, 4^6, 6, 12^2\})$	405504
12	$\mathcal{O}(1; \{3^6, 4^6, 6, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^5, 4^8, 6, 12^2\})$	147456
12	$\mathcal{O}(1; \{2, 3^3, 4^8, 6, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2^2, 4^{10}, 6, 12^2\})$	589824
12	$\mathcal{O}(1; \{2^{14}, 3, 6^2, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{10}, 3^4, 6^2, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^7, 6^2, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^{10}, 6^2, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^{11}, 3, 4^2, 6^2, 12^2\})$	11520

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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	$\mathcal{O}(1; \{2^7, 3^4, 4^2, 6^2, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^7, 4^2, 6^2, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^8, 3, 4^4, 6^2, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^4, 4^4, 6^2, 12^2\})$	396288
12	$\mathcal{O}(1; \{3^7, 4^4, 6^2, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^5, 3, 4^6, 6^2, 12^2\})$	184320
12	$\mathcal{O}(1; \{2, 3^4, 4^6, 6^2, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3, 4^8, 6^2, 12^2\})$	737280
12	$\mathcal{O}(1; \{2^{11}, 3^2, 6^3, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^5, 6^3, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^8, 6^3, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^8, 3^2, 4^2, 6^3, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^5, 4^2, 6^3, 12^2\})$	393984
12	$\mathcal{O}(1; \{3^8, 4^2, 6^3, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^5, 3^2, 4^4, 6^3, 12^2\})$	193536
12	$\mathcal{O}(1; \{2, 3^5, 4^4, 6^3, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^2, 4^6, 6^3, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^{12}, 6^4, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^3, 6^4, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^6, 6^4, 12^2\})$	393408
12	$\mathcal{O}(1; \{3^9, 6^4, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^9, 4^2, 6^4, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^3, 4^2, 6^4, 12^2\})$	195840
12	$\mathcal{O}(1; \{2, 3^6, 4^2, 6^4, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^6, 4^4, 6^4, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^3, 4^4, 6^4, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^3, 4^6, 6^4, 12^2\})$	405504
12	$\mathcal{O}(1; \{4^8, 6^4, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2^9, 3, 6^5, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^4, 6^5, 12^2\})$	196416
12	$\mathcal{O}(1; \{2, 3^7, 6^5, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 6^5, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 6^5, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 6^5, 12^2\})$	396288
12	$\mathcal{O}(1; \{3, 4^6, 6^5, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^6, 3^2, 6^6, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^5, 6^6, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6^6, 12^2\})$	393984
12	$\mathcal{O}(1; \{3^2, 4^4, 6^6, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^7, 6^7, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^3, 6^7, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^4, 4^2, 6^7, 12^2\})$	195840
12	$\mathcal{O}(1; \{3^3, 4^2, 6^7, 12^2\})$	1573632

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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	$\mathcal{O}(1; \{2, 4^4, 6^7, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^4, 3, 6^8, 12^2\})$	196416
12	$\mathcal{O}(1; \{3^4, 6^8, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^8, 12^2\})$	785664
12	$\mathcal{O}(1; \{2, 3^2, 6^9, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^2, 6^{10}, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^{14}, 3, 4, 12^3\})$	6912
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^7, 4, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^{11}, 3, 4^3, 12^3\})$	27648
12	$\mathcal{O}(1; \{2^7, 3^4, 4^3, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^7, 4^3, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^8, 3, 4^5, 12^3\})$	110592
12	$\mathcal{O}(1; \{2^4, 3^4, 4^5, 12^3\})$	774144
12	$\mathcal{O}(1; \{3^7, 4^5, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^5, 3, 4^7, 12^3\})$	442368
12	$\mathcal{O}(1; \{2, 3^4, 4^7, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2^2, 3, 4^9, 12^3\})$	1769472
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4, 6, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^5, 4, 6, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^8, 4, 6, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^8, 3^2, 4^3, 6, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^5, 4^3, 6, 12^3\})$	783360
12	$\mathcal{O}(1; \{3^8, 4^3, 6, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^5, 3^2, 4^5, 6, 12^3\})$	405504
12	$\mathcal{O}(1; \{2, 3^5, 4^5, 6, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^2, 4^7, 6, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2^{12}, 4, 6^2, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^3, 4, 6^2, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^6, 4, 6^2, 12^3\})$	785664
12	$\mathcal{O}(1; \{3^9, 4, 6^2, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^9, 4^3, 6^2, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^3, 4^3, 6^2, 12^3\})$	396288
12	$\mathcal{O}(1; \{2, 3^6, 4^3, 6^2, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^6, 4^5, 6^2, 12^3\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^3, 4^5, 6^2, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^3, 4^7, 6^2, 12^3\})$	737280
12	$\mathcal{O}(1; \{4^9, 6^2, 12^3\})$	2949120
12	$\mathcal{O}(1; \{2^9, 3, 4, 6^3, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^4, 4, 6^3, 12^3\})$	393984
12	$\mathcal{O}(1; \{2, 3^7, 4, 6^3, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^6, 3, 4^3, 6^3, 12^3\})$	193536

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	$\mathcal{O}(1; \{2^2, 3^4, 4^3, 6^3, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3, 4^5, 6^3, 12^3\})$	774144
12	$\mathcal{O}(1; \{3, 4^7, 6^3, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2^6, 3^2, 4, 6^4, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^5, 4, 6^4, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^3, 3^2, 4^3, 6^4, 12^3\})$	783360
12	$\mathcal{O}(1; \{3^2, 4^5, 6^4, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^7, 4, 6^5, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^3, 4, 6^5, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^4, 4^3, 6^5, 12^3\})$	396288
12	$\mathcal{O}(1; \{3^3, 4^3, 6^5, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2, 4^5, 6^5, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3, 4, 6^6, 12^3\})$	393984
12	$\mathcal{O}(1; \{3^4, 4, 6^6, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2, 3, 4^3, 6^6, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2, 3^2, 4, 6^7, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^2, 4, 6^8, 12^3\})$	785664
12	$\mathcal{O}(1; \{2^{15}, 12^4\})$	6912
12	$\mathcal{O}(1; \{2^{11}, 3^3, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^9, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^{12}, 4^2, 12^4\})$	27648
12	$\mathcal{O}(1; \{2^8, 3^3, 4^2, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^6, 4^2, 12^4\})$	1575936
12	$\mathcal{O}(1; \{3^9, 4^2, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^9, 4^4, 12^4\})$	110592
12	$\mathcal{O}(1; \{2^5, 3^3, 4^4, 12^4\})$	774144
12	$\mathcal{O}(1; \{2, 3^6, 4^4, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^6, 4^6, 12^4\})$	442368
12	$\mathcal{O}(1; \{2^2, 3^3, 4^6, 12^4\})$	3096576
12	$\mathcal{O}(1; \{2^3, 4^8, 12^4\})$	1769472
12	$\mathcal{O}(1; \{4^{10}, 12^4\})$	7077888
12	$\mathcal{O}(1; \{2^{12}, 3, 6, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^4, 6, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^7, 6, 12^4\})$	1573632
12	$\mathcal{O}(1; \{3^{10}, 6, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^9, 3, 4^2, 6, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^4, 4^2, 6, 12^4\})$	783360
12	$\mathcal{O}(1; \{2, 3^7, 4^2, 6, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^6, 3, 4^4, 6, 12^4\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^4, 4^4, 6, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3, 4^6, 6, 12^4\})$	1622016
12	$\mathcal{O}(1; \{3, 4^8, 6, 12^4\})$	6488064

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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	$\mathcal{O}(1; \{2^9, 3^2, 6^2, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^5, 6^2, 12^4\})$	785664
12	$\mathcal{O}(1; \{2, 3^8, 6^2, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^6, 3^2, 4^2, 6^2, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^5, 4^2, 6^2, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3^2, 4^4, 6^2, 12^4\})$	1585152
12	$\mathcal{O}(1; \{3^2, 4^6, 6^2, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2^{10}, 6^3, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^3, 6^3, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^6, 6^3, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^7, 4^2, 6^3, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 6^3, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^4, 4^4, 6^3, 12^4\})$	774144
12	$\mathcal{O}(1; \{3^3, 4^4, 6^3, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2, 4^6, 6^3, 12^4\})$	3096576
12	$\mathcal{O}(1; \{2^7, 3, 6^4, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^4, 6^4, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 6^4, 12^4\})$	783360
12	$\mathcal{O}(1; \{3^4, 4^2, 6^4, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2, 3, 4^4, 6^4, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3^2, 6^5, 12^4\})$	785664
12	$\mathcal{O}(1; \{3^5, 6^5, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^5, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^5, 6^6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2, 3^3, 6^6, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^2, 4^2, 6^6, 12^4\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3, 6^7, 12^4\})$	1573632
12	$\mathcal{O}(1; \{6^9, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^9, 3^2, 4, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^5, 4, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2, 3^8, 4, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^6, 3^2, 4^3, 12^5\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^5, 4^3, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3^2, 4^5, 12^5\})$	3096576
12	$\mathcal{O}(1; \{3^2, 4^7, 12^5\})$	12386304
12	$\mathcal{O}(1; \{2^{10}, 4, 6, 12^5\})$	101376
12	$\mathcal{O}(1; \{2^6, 3^3, 4, 6, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^6, 4, 6, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^7, 4^3, 6, 12^5\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^3, 4^3, 6, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2^4, 4^5, 6, 12^5\})$	1622016
12	$\mathcal{O}(1; \{3^3, 4^5, 6, 12^5\})$	12533760
12	$\mathcal{O}(1; \{2, 4^7, 6, 12^5\})$	6488064

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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	$\mathcal{O}(1; \{2^7, 3, 4, 6^2, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^4, 4, 6^2, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^4, 3, 4^3, 6^2, 12^5\})$	1585152
12	$\mathcal{O}(1; \{3^4, 4^3, 6^2, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2, 3, 4^5, 6^2, 12^5\})$	6340608
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 6^3, 12^5\})$	1575936
12	$\mathcal{O}(1; \{3^5, 4, 6^3, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2, 3^2, 4^3, 6^3, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2^5, 4, 6^4, 12^5\})$	783360
12	$\mathcal{O}(1; \{2, 3^3, 4, 6^4, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^2, 4^3, 6^4, 12^5\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3, 4, 6^5, 12^5\})$	3142656
12	$\mathcal{O}(1; \{4, 6^7, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^{10}, 3, 12^6\})$	193536
12	$\mathcal{O}(1; \{2^6, 3^4, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^7, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^7, 3, 4^2, 12^6\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^4, 4^2, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2^4, 3, 4^4, 12^6\})$	3096576
12	$\mathcal{O}(1; \{3^4, 4^4, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2, 3, 4^6, 12^6\})$	12386304
12	$\mathcal{O}(1; \{2^7, 3^2, 6, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^5, 6, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 6, 12^6\})$	3133440
12	$\mathcal{O}(1; \{3^5, 4^2, 6, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2, 3^2, 4^4, 6, 12^6\})$	12533760
12	$\mathcal{O}(1; \{2^8, 6^2, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^3, 6^2, 12^6\})$	3142656
12	$\mathcal{O}(1; \{3^6, 6^2, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^5, 4^2, 6^2, 12^6\})$	1585152
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 6^2, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2^2, 4^4, 6^2, 12^6\})$	6340608
12	$\mathcal{O}(1; \{2^5, 3, 6^3, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2, 3^4, 6^3, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^3, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^2, 6^4, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^3, 6^5, 12^6\})$	3142656
12	$\mathcal{O}(1; \{4^2, 6^5, 12^6\})$	12570624
12	$\mathcal{O}(1; \{3, 6^6, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^8, 4, 12^7\})$	774144
12	$\mathcal{O}(1; \{2^4, 3^3, 4, 12^7\})$	6303744
12	$\mathcal{O}(1; \{3^6, 4, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2^5, 4^3, 12^7\})$	3096576

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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	$\mathcal{O}(1; \{2, 3^3, 4^3, 12^7\})$	25214976
12	$\mathcal{O}(1; \{2^2, 4^5, 12^7\})$	12386304
12	$\mathcal{O}(1; \{2^5, 3, 4, 6, 12^7\})$	3133440
12	$\mathcal{O}(1; \{2, 3^4, 4, 6, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 6, 12^7\})$	12533760
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^2, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2^3, 4, 6^3, 12^7\})$	6303744
12	$\mathcal{O}(1; \{4^3, 6^3, 12^7\})$	25214976
12	$\mathcal{O}(1; \{3, 4, 6^4, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2^5, 3^2, 12^8\})$	6303744
12	$\mathcal{O}(1; \{2, 3^5, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 12^8\})$	25214976
12	$\mathcal{O}(1; \{2^6, 6, 12^8\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^3, 6, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2^3, 4^2, 6, 12^8\})$	12533760
12	$\mathcal{O}(1; \{4^4, 6, 12^8\})$	50135040
12	$\mathcal{O}(1; \{2^3, 3, 6^2, 12^8\})$	12570624
12	$\mathcal{O}(1; \{3, 4^2, 6^2, 12^8\})$	50282496
12	$\mathcal{O}(1; \{3^2, 6^3, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2, 6^4, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2^3, 3, 4, 12^9\})$	25214976
12	$\mathcal{O}(1; \{3, 4^3, 12^9\})$	100859904
12	$\mathcal{O}(1; \{3^2, 4, 6, 12^9\})$	100712448
12	$\mathcal{O}(1; \{2, 4, 6^2, 12^9\})$	50282496
12	$\mathcal{O}(1; \{2^4, 12^{10}\})$	25214976
12	$\mathcal{O}(1; \{3^3, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{2, 4^2, 12^{10}\})$	100859904
12	$\mathcal{O}(1; \{2, 3, 6, 12^{10}\})$	100712448
12	$\mathcal{O}(0; \{2^{18}, 3^4, 4^2\})$	12
12	$\mathcal{O}(0; \{2^{14}, 3^7, 4^2\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^{10}, 4^2\})$	684
12	$\mathcal{O}(0; \{2^6, 3^{13}, 4^2\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{16}, 4^2\})$	43692
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^4\})$	48
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^4\})$	336
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^4\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^4\})$	21840
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^6\})$	192
12	$\mathcal{O}(0; \{2^8, 3^7, 4^6\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^6\})$	10944
12	$\mathcal{O}(0; \{3^{13}, 4^6\})$	87360
12	$\mathcal{O}(0; \{2^9, 3^4, 4^8\})$	768
12	$\mathcal{O}(0; \{2^5, 3^7, 4^8\})$	5376

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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	$\mathcal{O}(0; \{2, 3^{10}, 4^8\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^4, 4^{10}\})$	3072
12	$\mathcal{O}(0; \{2^2, 3^7, 4^{10}\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{12}\})$	12288
12	$\mathcal{O}(0; \{3^4, 4^{14}\})$	49152
12	$\mathcal{O}(0; \{2^{19}, 3^2, 4^2, 6\})$	4
12	$\mathcal{O}(0; \{2^{15}, 3^5, 4^2, 6\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^8, 4^2, 6\})$	340
12	$\mathcal{O}(0; \{2^7, 3^{11}, 4^2, 6\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^{14}, 4^2, 6\})$	21844
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^4, 6\})$	16
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^4, 6\})$	176
12	$\mathcal{O}(0; \{2^8, 3^8, 4^4, 6\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^4, 6\})$	10928
12	$\mathcal{O}(0; \{3^{14}, 4^4, 6\})$	87376
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^6, 6\})$	64
12	$\mathcal{O}(0; \{2^9, 3^5, 4^6, 6\})$	704
12	$\mathcal{O}(0; \{2^5, 3^8, 4^6, 6\})$	5440
12	$\mathcal{O}(0; \{2, 3^{11}, 4^6, 6\})$	43712
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^8, 6\})$	256
12	$\mathcal{O}(0; \{2^6, 3^5, 4^8, 6\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^8, 4^8, 6\})$	21760
12	$\mathcal{O}(0; \{2^7, 3^2, 4^{10}, 6\})$	1024
12	$\mathcal{O}(0; \{2^3, 3^5, 4^{10}, 6\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{12}, 6\})$	4096
12	$\mathcal{O}(0; \{3^5, 4^{12}, 6\})$	45056
12	$\mathcal{O}(0; \{2, 3^2, 4^{14}, 6\})$	16384
12	$\mathcal{O}(0; \{2^{20}, 4^2, 6^2\})$	4
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^2, 6^2\})$	20
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^2, 6^2\})$	172
12	$\mathcal{O}(0; \{2^8, 3^9, 4^2, 6^2\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^2, 6^2\})$	10924
12	$\mathcal{O}(0; \{3^{15}, 4^2, 6^2\})$	87380
12	$\mathcal{O}(0; \{2^{17}, 4^4, 6^2\})$	16
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^4, 6^2\})$	80
12	$\mathcal{O}(0; \{2^9, 3^6, 4^4, 6^2\})$	688
12	$\mathcal{O}(0; \{2^5, 3^9, 4^4, 6^2\})$	5456
12	$\mathcal{O}(0; \{2, 3^{12}, 4^4, 6^2\})$	43696
12	$\mathcal{O}(0; \{2^{14}, 4^6, 6^2\})$	64
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^6, 6^2\})$	320
12	$\mathcal{O}(0; \{2^6, 3^6, 4^6, 6^2\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^9, 4^6, 6^2\})$	21824
12	$\mathcal{O}(0; \{2^{11}, 4^8, 6^2\})$	256

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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	$\mathcal{O}(0; \{2^7, 3^3, 4^8, 6^2\})$	1280
12	$\mathcal{O}(0; \{2^3, 3^6, 4^8, 6^2\})$	11008
12	$\mathcal{O}(0; \{2^8, 4^{10}, 6^2\})$	1024
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{10}, 6^2\})$	5120
12	$\mathcal{O}(0; \{3^6, 4^{10}, 6^2\})$	44032
12	$\mathcal{O}(0; \{2^5, 4^{12}, 6^2\})$	4096
12	$\mathcal{O}(0; \{2, 3^3, 4^{12}, 6^2\})$	20480
12	$\mathcal{O}(0; \{2^2, 4^{14}, 6^2\})$	16384
12	$\mathcal{O}(0; \{2^{17}, 3, 4^2, 6^3\})$	12
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^2, 6^3\})$	84
12	$\mathcal{O}(0; \{2^9, 3^7, 4^2, 6^3\})$	684
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^2, 6^3\})$	5460
12	$\mathcal{O}(0; \{2, 3^{13}, 4^2, 6^3\})$	43692
12	$\mathcal{O}(0; \{2^{14}, 3, 4^4, 6^3\})$	48
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^4, 6^3\})$	336
12	$\mathcal{O}(0; \{2^6, 3^7, 4^4, 6^3\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^4, 6^3\})$	21840
12	$\mathcal{O}(0; \{2^{11}, 3, 4^6, 6^3\})$	192
12	$\mathcal{O}(0; \{2^7, 3^4, 4^6, 6^3\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^7, 4^6, 6^3\})$	10944
12	$\mathcal{O}(0; \{2^8, 3, 4^8, 6^3\})$	768
12	$\mathcal{O}(0; \{2^4, 3^4, 4^8, 6^3\})$	5376
12	$\mathcal{O}(0; \{3^7, 4^8, 6^3\})$	43776
12	$\mathcal{O}(0; \{2^5, 3, 4^{10}, 6^3\})$	3072
12	$\mathcal{O}(0; \{2, 3^4, 4^{10}, 6^3\})$	21504
12	$\mathcal{O}(0; \{2^2, 3, 4^{12}, 6^3\})$	12288
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^2, 6^4\})$	44
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^2, 6^4\})$	340
12	$\mathcal{O}(0; \{2^6, 3^8, 4^2, 6^4\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^2, 6^4\})$	21844
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^4, 6^4\})$	176
12	$\mathcal{O}(0; \{2^7, 3^5, 4^4, 6^4\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^8, 4^4, 6^4\})$	10928
12	$\mathcal{O}(0; \{2^8, 3^2, 4^6, 6^4\})$	704
12	$\mathcal{O}(0; \{2^4, 3^5, 4^6, 6^4\})$	5440
12	$\mathcal{O}(0; \{3^8, 4^6, 6^4\})$	43712
12	$\mathcal{O}(0; \{2^5, 3^2, 4^8, 6^4\})$	2816
12	$\mathcal{O}(0; \{2, 3^5, 4^8, 6^4\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{10}, 6^4\})$	11264
12	$\mathcal{O}(0; \{2^{15}, 4^2, 6^5\})$	20
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^2, 6^5\})$	172
12	$\mathcal{O}(0; \{2^7, 3^6, 4^2, 6^5\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^9, 4^2, 6^5\})$	10924

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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	$\mathcal{O}(0; \{2^{12}, 4^4, 6^5\})$	80
12	$\mathcal{O}(0; \{2^8, 3^3, 4^4, 6^5\})$	688
12	$\mathcal{O}(0; \{2^4, 3^6, 4^4, 6^5\})$	5456
12	$\mathcal{O}(0; \{3^9, 4^4, 6^5\})$	43696
12	$\mathcal{O}(0; \{2^9, 4^6, 6^5\})$	320
12	$\mathcal{O}(0; \{2^5, 3^3, 4^6, 6^5\})$	2752
12	$\mathcal{O}(0; \{2, 3^6, 4^6, 6^5\})$	21824
12	$\mathcal{O}(0; \{2^6, 4^8, 6^5\})$	1280
12	$\mathcal{O}(0; \{2^2, 3^3, 4^8, 6^5\})$	11008
12	$\mathcal{O}(0; \{2^3, 4^{10}, 6^5\})$	5120
12	$\mathcal{O}(0; \{4^{12}, 6^5\})$	20480
12	$\mathcal{O}(0; \{2^{12}, 3, 4^2, 6^6\})$	84
12	$\mathcal{O}(0; \{2^8, 3^4, 4^2, 6^6\})$	684
12	$\mathcal{O}(0; \{2^4, 3^7, 4^2, 6^6\})$	5460
12	$\mathcal{O}(0; \{3^{10}, 4^2, 6^6\})$	43692
12	$\mathcal{O}(0; \{2^9, 3, 4^4, 6^6\})$	336
12	$\mathcal{O}(0; \{2^5, 3^4, 4^4, 6^6\})$	2736
12	$\mathcal{O}(0; \{2, 3^7, 4^4, 6^6\})$	21840
12	$\mathcal{O}(0; \{2^6, 3, 4^6, 6^6\})$	1344
12	$\mathcal{O}(0; \{2^2, 3^4, 4^6, 6^6\})$	10944
12	$\mathcal{O}(0; \{2^3, 3, 4^8, 6^6\})$	5376
12	$\mathcal{O}(0; \{3, 4^{10}, 6^6\})$	21504
12	$\mathcal{O}(0; \{2^9, 3^2, 4^2, 6^7\})$	340
12	$\mathcal{O}(0; \{2^5, 3^5, 4^2, 6^7\})$	2732
12	$\mathcal{O}(0; \{2, 3^8, 4^2, 6^7\})$	21844
12	$\mathcal{O}(0; \{2^6, 3^2, 4^4, 6^7\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^5, 4^4, 6^7\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^2, 4^6, 6^7\})$	5440
12	$\mathcal{O}(0; \{3^2, 4^8, 6^7\})$	21760
12	$\mathcal{O}(0; \{2^{10}, 4^2, 6^8\})$	172
12	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 6^8\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 6^8\})$	10924
12	$\mathcal{O}(0; \{2^7, 4^4, 6^8\})$	688
12	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 6^8\})$	5456
12	$\mathcal{O}(0; \{2^4, 4^6, 6^8\})$	2752
12	$\mathcal{O}(0; \{3^3, 4^6, 6^8\})$	21824
12	$\mathcal{O}(0; \{2, 4^8, 6^8\})$	11008
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 6^9\})$	684
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6^9\})$	5460
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 6^9\})$	2736
12	$\mathcal{O}(0; \{3^4, 4^4, 6^9\})$	21840
12	$\mathcal{O}(0; \{2, 3, 4^6, 6^9\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^{10}\})$	2732

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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	$\mathcal{O}(0; \{3^5, 4^2, 6^{10}\})$	21844
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^{10}\})$	10928
12	$\mathcal{O}(0; \{2^5, 4^2, 6^{11}\})$	1364
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^{11}\})$	10924
12	$\mathcal{O}(0; \{2^2, 4^4, 6^{11}\})$	5456
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^{12}\})$	5460
12	$\mathcal{O}(0; \{4^2, 6^{14}\})$	10924
12	$\mathcal{O}(0; \{2^{19}, 3^3, 4, 12\})$	12
12	$\mathcal{O}(0; \{2^{15}, 3^6, 4, 12\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^9, 4, 12\})$	684
12	$\mathcal{O}(0; \{2^7, 3^{12}, 4, 12\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{15}, 4, 12\})$	43692
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^3, 12\})$	48
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^3, 12\})$	336
12	$\mathcal{O}(0; \{2^8, 3^9, 4^3, 12\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^3, 12\})$	21840
12	$\mathcal{O}(0; \{3^{15}, 4^3, 12\})$	174768
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^5, 12\})$	192
12	$\mathcal{O}(0; \{2^9, 3^6, 4^5, 12\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^9, 4^5, 12\})$	10944
12	$\mathcal{O}(0; \{2, 3^{12}, 4^5, 12\})$	87360
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^7, 12\})$	768
12	$\mathcal{O}(0; \{2^6, 3^6, 4^7, 12\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^9, 4^7, 12\})$	43776
12	$\mathcal{O}(0; \{2^7, 3^3, 4^9, 12\})$	3072
12	$\mathcal{O}(0; \{2^3, 3^6, 4^9, 12\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{11}, 12\})$	12288
12	$\mathcal{O}(0; \{3^6, 4^{11}, 12\})$	86016
12	$\mathcal{O}(0; \{2, 3^3, 4^{13}, 12\})$	49152
12	$\mathcal{O}(0; \{2^{20}, 3, 4, 6, 12\})$	4
12	$\mathcal{O}(0; \{2^{16}, 3^4, 4, 6, 12\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^7, 4, 6, 12\})$	340
12	$\mathcal{O}(0; \{2^8, 3^{10}, 4, 6, 12\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^{13}, 4, 6, 12\})$	21844
12	$\mathcal{O}(0; \{3^{16}, 4, 6, 12\})$	174764
12	$\mathcal{O}(0; \{2^{17}, 3, 4^3, 6, 12\})$	16
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^3, 6, 12\})$	176
12	$\mathcal{O}(0; \{2^9, 3^7, 4^3, 6, 12\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^3, 6, 12\})$	10928
12	$\mathcal{O}(0; \{2, 3^{13}, 4^3, 6, 12\})$	87376
12	$\mathcal{O}(0; \{2^{14}, 3, 4^5, 6, 12\})$	64
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^5, 6, 12\})$	704
12	$\mathcal{O}(0; \{2^6, 3^7, 4^5, 6, 12\})$	5440

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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	$\mathcal{O}(0; \{2^2, 3^{10}, 4^5, 6, 12\})$	43712
12	$\mathcal{O}(0; \{2^{11}, 3, 4^7, 6, 12\})$	256
12	$\mathcal{O}(0; \{2^7, 3^4, 4^7, 6, 12\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^7, 4^7, 6, 12\})$	21760
12	$\mathcal{O}(0; \{2^8, 3, 4^9, 6, 12\})$	1024
12	$\mathcal{O}(0; \{2^4, 3^4, 4^9, 6, 12\})$	11264
12	$\mathcal{O}(0; \{3^7, 4^9, 6, 12\})$	87040
12	$\mathcal{O}(0; \{2^5, 3, 4^{11}, 6, 12\})$	4096
12	$\mathcal{O}(0; \{2, 3^4, 4^{11}, 6, 12\})$	45056
12	$\mathcal{O}(0; \{2^2, 3, 4^{13}, 6, 12\})$	16384
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4, 6^2, 12\})$	20
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4, 6^2, 12\})$	172
12	$\mathcal{O}(0; \{2^9, 3^8, 4, 6^2, 12\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4, 6^2, 12\})$	10924
12	$\mathcal{O}(0; \{2, 3^{14}, 4, 6^2, 12\})$	87380
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^3, 6^2, 12\})$	80
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^3, 6^2, 12\})$	688
12	$\mathcal{O}(0; \{2^6, 3^8, 4^3, 6^2, 12\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^3, 6^2, 12\})$	43696
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^5, 6^2, 12\})$	320
12	$\mathcal{O}(0; \{2^7, 3^5, 4^5, 6^2, 12\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^8, 4^5, 6^2, 12\})$	21824
12	$\mathcal{O}(0; \{2^8, 3^2, 4^7, 6^2, 12\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^5, 4^7, 6^2, 12\})$	11008
12	$\mathcal{O}(0; \{3^8, 4^7, 6^2, 12\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^2, 4^9, 6^2, 12\})$	5120
12	$\mathcal{O}(0; \{2, 3^5, 4^9, 6^2, 12\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{11}, 6^2, 12\})$	20480
12	$\mathcal{O}(0; \{2^{18}, 4, 6^3, 12\})$	12
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4, 6^3, 12\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4, 6^3, 12\})$	684
12	$\mathcal{O}(0; \{2^6, 3^9, 4, 6^3, 12\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4, 6^3, 12\})$	43692
12	$\mathcal{O}(0; \{2^{15}, 4^3, 6^3, 12\})$	48
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^3, 6^3, 12\})$	336
12	$\mathcal{O}(0; \{2^7, 3^6, 4^3, 6^3, 12\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^9, 4^3, 6^3, 12\})$	21840
12	$\mathcal{O}(0; \{2^{12}, 4^5, 6^3, 12\})$	192
12	$\mathcal{O}(0; \{2^8, 3^3, 4^5, 6^3, 12\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^6, 4^5, 6^3, 12\})$	10944
12	$\mathcal{O}(0; \{3^9, 4^5, 6^3, 12\})$	87360
12	$\mathcal{O}(0; \{2^9, 4^7, 6^3, 12\})$	768
12	$\mathcal{O}(0; \{2^5, 3^3, 4^7, 6^3, 12\})$	5376

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2, 3^6, 4^7, 6^3, 12\})$	43776
12	$\mathcal{O}(0; \{2^6, 4^9, 6^3, 12\})$	3072
12	$\mathcal{O}(0; \{2^2, 3^3, 4^9, 6^3, 12\})$	21504
12	$\mathcal{O}(0; \{2^3, 4^{11}, 6^3, 12\})$	12288
12	$\mathcal{O}(0; \{4^{13}, 6^3, 12\})$	49152
12	$\mathcal{O}(0; \{2^{15}, 3, 4, 6^4, 12\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4, 6^4, 12\})$	340
12	$\mathcal{O}(0; \{2^7, 3^7, 4, 6^4, 12\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4, 6^4, 12\})$	21844
12	$\mathcal{O}(0; \{2^{12}, 3, 4^3, 6^4, 12\})$	176
12	$\mathcal{O}(0; \{2^8, 3^4, 4^3, 6^4, 12\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^7, 4^3, 6^4, 12\})$	10928
12	$\mathcal{O}(0; \{3^{10}, 4^3, 6^4, 12\})$	87376
12	$\mathcal{O}(0; \{2^9, 3, 4^5, 6^4, 12\})$	704
12	$\mathcal{O}(0; \{2^5, 3^4, 4^5, 6^4, 12\})$	5440
12	$\mathcal{O}(0; \{2, 3^7, 4^5, 6^4, 12\})$	43712
12	$\mathcal{O}(0; \{2^6, 3, 4^7, 6^4, 12\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^4, 4^7, 6^4, 12\})$	21760
12	$\mathcal{O}(0; \{2^3, 3, 4^9, 6^4, 12\})$	11264
12	$\mathcal{O}(0; \{3, 4^{11}, 6^4, 12\})$	45056
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4, 6^5, 12\})$	172
12	$\mathcal{O}(0; \{2^8, 3^5, 4, 6^5, 12\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^8, 4, 6^5, 12\})$	10924
12	$\mathcal{O}(0; \{3^{11}, 4, 6^5, 12\})$	87380
12	$\mathcal{O}(0; \{2^9, 3^2, 4^3, 6^5, 12\})$	688
12	$\mathcal{O}(0; \{2^5, 3^5, 4^3, 6^5, 12\})$	5456
12	$\mathcal{O}(0; \{2, 3^8, 4^3, 6^5, 12\})$	43696
12	$\mathcal{O}(0; \{2^6, 3^2, 4^5, 6^5, 12\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^5, 4^5, 6^5, 12\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^2, 4^7, 6^5, 12\})$	11008
12	$\mathcal{O}(0; \{3^2, 4^9, 6^5, 12\})$	44032
12	$\mathcal{O}(0; \{2^{13}, 4, 6^6, 12\})$	84
12	$\mathcal{O}(0; \{2^9, 3^3, 4, 6^6, 12\})$	684
12	$\mathcal{O}(0; \{2^5, 3^6, 4, 6^6, 12\})$	5460
12	$\mathcal{O}(0; \{2, 3^9, 4, 6^6, 12\})$	43692
12	$\mathcal{O}(0; \{2^{10}, 4^3, 6^6, 12\})$	336
12	$\mathcal{O}(0; \{2^6, 3^3, 4^3, 6^6, 12\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^6, 4^3, 6^6, 12\})$	21840
12	$\mathcal{O}(0; \{2^7, 4^5, 6^6, 12\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^3, 4^5, 6^6, 12\})$	10944
12	$\mathcal{O}(0; \{2^4, 4^7, 6^6, 12\})$	5376
12	$\mathcal{O}(0; \{3^3, 4^7, 6^6, 12\})$	43776
12	$\mathcal{O}(0; \{2, 4^9, 6^6, 12\})$	21504

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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	$\mathcal{O}(0; \{2^{10}, 3, 4, 6^7, 12\})$	340
12	$\mathcal{O}(0; \{2^6, 3^4, 4, 6^7, 12\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^7, 4, 6^7, 12\})$	21844
12	$\mathcal{O}(0; \{2^7, 3, 4^3, 6^7, 12\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 6^7, 12\})$	10928
12	$\mathcal{O}(0; \{2^4, 3, 4^5, 6^7, 12\})$	5440
12	$\mathcal{O}(0; \{3^4, 4^5, 6^7, 12\})$	43712
12	$\mathcal{O}(0; \{2, 3, 4^7, 6^7, 12\})$	21760
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 6^8, 12\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 6^8, 12\})$	10924
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6^8, 12\})$	5456
12	$\mathcal{O}(0; \{3^5, 4^3, 6^8, 12\})$	43696
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 6^8, 12\})$	21824
12	$\mathcal{O}(0; \{2^8, 4, 6^9, 12\})$	684
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^9, 12\})$	5460
12	$\mathcal{O}(0; \{3^6, 4, 6^9, 12\})$	43692
12	$\mathcal{O}(0; \{2^5, 4^3, 6^9, 12\})$	2736
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^9, 12\})$	21840
12	$\mathcal{O}(0; \{2^2, 4^5, 6^9, 12\})$	10944
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^{10}, 12\})$	2732
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^{10}, 12\})$	21844
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^{10}, 12\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^{11}, 12\})$	10924
12	$\mathcal{O}(0; \{2^3, 4, 6^{12}, 12\})$	5460
12	$\mathcal{O}(0; \{4^3, 6^{12}, 12\})$	21840
12	$\mathcal{O}(0; \{3, 4, 6^{13}, 12\})$	21844
12	$\mathcal{O}(0; \{2^{20}, 3^2, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{16}, 3^5, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^8, 12^2\})$	684
12	$\mathcal{O}(0; \{2^8, 3^{11}, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{14}, 12^2\})$	43692
12	$\mathcal{O}(0; \{3^{17}, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4^2, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4^2, 12^2\})$	336
12	$\mathcal{O}(0; \{2^9, 3^8, 4^2, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4^2, 12^2\})$	21840
12	$\mathcal{O}(0; \{2, 3^{14}, 4^2, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^4, 12^2\})$	192
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^4, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^8, 4^4, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^4, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^6, 12^2\})$	768
12	$\mathcal{O}(0; \{2^7, 3^5, 4^6, 12^2\})$	5376

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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	$\mathcal{O}(0; \{2^3, 3^8, 4^6, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^8, 3^2, 4^8, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^4, 3^5, 4^8, 12^2\})$	21504
12	$\mathcal{O}(0; \{3^8, 4^8, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^5, 3^2, 4^{10}, 12^2\})$	12288
12	$\mathcal{O}(0; \{2, 3^5, 4^{10}, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{12}, 12^2\})$	49152
12	$\mathcal{O}(0; \{2^{21}, 6, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{17}, 3^3, 6, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^6, 6, 12^2\})$	340
12	$\mathcal{O}(0; \{2^9, 3^9, 6, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^{12}, 6, 12^2\})$	21844
12	$\mathcal{O}(0; \{2, 3^{15}, 6, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{18}, 4^2, 6, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^2, 6, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^2, 6, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^9, 4^2, 6, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^2, 6, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^{15}, 4^4, 6, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^4, 6, 12^2\})$	704
12	$\mathcal{O}(0; \{2^7, 3^6, 4^4, 6, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^9, 4^4, 6, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^{12}, 4^6, 6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^8, 3^3, 4^6, 6, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^6, 4^6, 6, 12^2\})$	21760
12	$\mathcal{O}(0; \{3^9, 4^6, 6, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^9, 4^8, 6, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^5, 3^3, 4^8, 6, 12^2\})$	11264
12	$\mathcal{O}(0; \{2, 3^6, 4^8, 6, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^6, 4^{10}, 6, 12^2\})$	4096
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{10}, 6, 12^2\})$	45056
12	$\mathcal{O}(0; \{2^3, 4^{12}, 6, 12^2\})$	16384
12	$\mathcal{O}(0; \{4^{14}, 6, 12^2\})$	65536
12	$\mathcal{O}(0; \{2^{18}, 3, 6^2, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{14}, 3^4, 6^2, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^7, 6^2, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^{10}, 6^2, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{13}, 6^2, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{15}, 3, 4^2, 6^2, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^2, 6^2, 12^2\})$	688
12	$\mathcal{O}(0; \{2^7, 3^7, 4^2, 6^2, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^2, 6^2, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^{12}, 3, 4^4, 6^2, 12^2\})$	320

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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	$\mathcal{O}(0; \{2^8, 3^4, 4^4, 6^2, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^7, 4^4, 6^2, 12^2\})$	21824
12	$\mathcal{O}(0; \{3^{10}, 4^4, 6^2, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^9, 3, 4^6, 6^2, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^4, 4^6, 6^2, 12^2\})$	11008
12	$\mathcal{O}(0; \{2, 3^7, 4^6, 6^2, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^6, 3, 4^8, 6^2, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^4, 4^8, 6^2, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^3, 3, 4^{10}, 6^2, 12^2\})$	20480
12	$\mathcal{O}(0; \{3, 4^{12}, 6^2, 12^2\})$	81920
12	$\mathcal{O}(0; \{2^{15}, 3^2, 6^3, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^5, 6^3, 12^2\})$	684
12	$\mathcal{O}(0; \{2^7, 3^8, 6^3, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{11}, 6^3, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^2, 6^3, 12^2\})$	336
12	$\mathcal{O}(0; \{2^8, 3^5, 4^2, 6^3, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^8, 4^2, 6^3, 12^2\})$	21840
12	$\mathcal{O}(0; \{3^{11}, 4^2, 6^3, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^9, 3^2, 4^4, 6^3, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^5, 4^4, 6^3, 12^2\})$	10944
12	$\mathcal{O}(0; \{2, 3^8, 4^4, 6^3, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^6, 3^2, 4^6, 6^3, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^5, 4^6, 6^3, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^2, 4^8, 6^3, 12^2\})$	21504
12	$\mathcal{O}(0; \{3^2, 4^{10}, 6^3, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^{16}, 6^4, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^3, 6^4, 12^2\})$	340
12	$\mathcal{O}(0; \{2^8, 3^6, 6^4, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^9, 6^4, 12^2\})$	21844
12	$\mathcal{O}(0; \{3^{12}, 6^4, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{13}, 4^2, 6^4, 12^2\})$	176
12	$\mathcal{O}(0; \{2^9, 3^3, 4^2, 6^4, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^6, 4^2, 6^4, 12^2\})$	10928
12	$\mathcal{O}(0; \{2, 3^9, 4^2, 6^4, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^{10}, 4^4, 6^4, 12^2\})$	704
12	$\mathcal{O}(0; \{2^6, 3^3, 4^4, 6^4, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^6, 4^4, 6^4, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^7, 4^6, 6^4, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^3, 4^6, 6^4, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^4, 4^8, 6^4, 12^2\})$	11264
12	$\mathcal{O}(0; \{3^3, 4^8, 6^4, 12^2\})$	87040
12	$\mathcal{O}(0; \{2, 4^{10}, 6^4, 12^2\})$	45056
12	$\mathcal{O}(0; \{2^{13}, 3, 6^5, 12^2\})$	172

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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	$\mathcal{O}(0; \{2^9, 3^4, 6^5, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^7, 6^5, 12^2\})$	10924
12	$\mathcal{O}(0; \{2, 3^{10}, 6^5, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{10}, 3, 4^2, 6^5, 12^2\})$	688
12	$\mathcal{O}(0; \{2^6, 3^4, 4^2, 6^5, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^7, 4^2, 6^5, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^7, 3, 4^4, 6^5, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^4, 4^4, 6^5, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^4, 3, 4^6, 6^5, 12^2\})$	11008
12	$\mathcal{O}(0; \{3^4, 4^6, 6^5, 12^2\})$	87296
12	$\mathcal{O}(0; \{2, 3, 4^8, 6^5, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^{10}, 3^2, 6^6, 12^2\})$	684
12	$\mathcal{O}(0; \{2^6, 3^5, 6^6, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^8, 6^6, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 6^6, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 6^6, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 6^6, 12^2\})$	10944
12	$\mathcal{O}(0; \{3^5, 4^4, 6^6, 12^2\})$	87360
12	$\mathcal{O}(0; \{2, 3^2, 4^6, 6^6, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^{11}, 6^7, 12^2\})$	340
12	$\mathcal{O}(0; \{2^7, 3^3, 6^7, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^6, 6^7, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^8, 4^2, 6^7, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6^7, 12^2\})$	10928
12	$\mathcal{O}(0; \{3^6, 4^2, 6^7, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^5, 4^4, 6^7, 12^2\})$	5440
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 6^7, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^2, 4^6, 6^7, 12^2\})$	21760
12	$\mathcal{O}(0; \{2^8, 3, 6^8, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^4, 6^8, 12^2\})$	10924
12	$\mathcal{O}(0; \{3^7, 6^8, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^8, 12^2\})$	5456
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^8, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^8, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^2, 6^9, 12^2\})$	5460
12	$\mathcal{O}(0; \{2, 3^5, 6^9, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^9, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^6, 6^{10}, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^3, 6^{10}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^3, 4^2, 6^{10}, 12^2\})$	10928
12	$\mathcal{O}(0; \{4^4, 6^{10}, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^3, 3, 6^{11}, 12^2\})$	10924
12	$\mathcal{O}(0; \{3, 4^2, 6^{11}, 12^2\})$	43696

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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	$\mathcal{O}(0; \{3^2, 6^{12}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2, 6^{13}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^{18}, 3, 4, 12^3\})$	48
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{15}, 3, 4^3, 12^3\})$	192
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^3, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^7, 4^3, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^3, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^{12}, 3, 4^5, 12^3\})$	768
12	$\mathcal{O}(0; \{2^8, 3^4, 4^5, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^7, 4^5, 12^3\})$	43776
12	$\mathcal{O}(0; \{3^{10}, 4^5, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^9, 3, 4^7, 12^3\})$	3072
12	$\mathcal{O}(0; \{2^5, 3^4, 4^7, 12^3\})$	21504
12	$\mathcal{O}(0; \{2, 3^7, 4^7, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^6, 3, 4^9, 12^3\})$	12288
12	$\mathcal{O}(0; \{2^2, 3^4, 4^9, 12^3\})$	86016
12	$\mathcal{O}(0; \{2^3, 3, 4^{11}, 12^3\})$	49152
12	$\mathcal{O}(0; \{3, 4^{13}, 12^3\})$	196608
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4, 6, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4, 6, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^8, 4, 6, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4, 6, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^3, 6, 12^3\})$	704
12	$\mathcal{O}(0; \{2^8, 3^5, 4^3, 6, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^8, 4^3, 6, 12^3\})$	43712
12	$\mathcal{O}(0; \{3^{11}, 4^3, 6, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^9, 3^2, 4^5, 6, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^5, 4^5, 6, 12^3\})$	21760
12	$\mathcal{O}(0; \{2, 3^8, 4^5, 6, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^6, 3^2, 4^7, 6, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^5, 4^7, 6, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^2, 4^9, 6, 12^3\})$	45056
12	$\mathcal{O}(0; \{3^2, 4^{11}, 6, 12^3\})$	180224
12	$\mathcal{O}(0; \{2^{16}, 4, 6^2, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4, 6^2, 12^3\})$	688
12	$\mathcal{O}(0; \{2^8, 3^6, 4, 6^2, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^9, 4, 6^2, 12^3\})$	43696
12	$\mathcal{O}(0; \{3^{12}, 4, 6^2, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{13}, 4^3, 6^2, 12^3\})$	320

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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	$\mathcal{O}(0; \{2^9, 3^3, 4^3, 6^2, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^6, 4^3, 6^2, 12^3\})$	21824
12	$\mathcal{O}(0; \{2, 3^9, 4^3, 6^2, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^{10}, 4^5, 6^2, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^3, 4^5, 6^2, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^6, 4^5, 6^2, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^7, 4^7, 6^2, 12^3\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^3, 4^7, 6^2, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^4, 4^9, 6^2, 12^3\})$	20480
12	$\mathcal{O}(0; \{3^3, 4^9, 6^2, 12^3\})$	176128
12	$\mathcal{O}(0; \{2, 4^{11}, 6^2, 12^3\})$	81920
12	$\mathcal{O}(0; \{2^{13}, 3, 4, 6^3, 12^3\})$	336
12	$\mathcal{O}(0; \{2^9, 3^4, 4, 6^3, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^7, 4, 6^3, 12^3\})$	21840
12	$\mathcal{O}(0; \{2, 3^{10}, 4, 6^3, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{10}, 3, 4^3, 6^3, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^4, 4^3, 6^3, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^7, 4^3, 6^3, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^7, 3, 4^5, 6^3, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^4, 4^5, 6^3, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^4, 3, 4^7, 6^3, 12^3\})$	21504
12	$\mathcal{O}(0; \{3^4, 4^7, 6^3, 12^3\})$	175104
12	$\mathcal{O}(0; \{2, 3, 4^9, 6^3, 12^3\})$	86016
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4, 6^4, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^5, 4, 6^4, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^8, 4, 6^4, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^7, 3^2, 4^3, 6^4, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^5, 4^3, 6^4, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^2, 4^5, 6^4, 12^3\})$	21760
12	$\mathcal{O}(0; \{3^5, 4^5, 6^4, 12^3\})$	174848
12	$\mathcal{O}(0; \{2, 3^2, 4^7, 6^4, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^{11}, 4, 6^5, 12^3\})$	688
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 6^5, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 6^5, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^8, 4^3, 6^5, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 6^5, 12^3\})$	21824
12	$\mathcal{O}(0; \{3^6, 4^3, 6^5, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^5, 4^5, 6^5, 12^3\})$	11008
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 6^5, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^2, 4^7, 6^5, 12^3\})$	44032
12	$\mathcal{O}(0; \{2^8, 3, 4, 6^6, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6^6, 12^3\})$	21840
12	$\mathcal{O}(0; \{3^7, 4, 6^6, 12^3\})$	174768

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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	$\mathcal{O}(0; \{2^5, 3, 4^3, 6^6, 12^3\})$	10944
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6^6, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6^6, 12^3\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^7, 12^3\})$	10928
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^7, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^7, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^6, 4, 6^8, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^8, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^3, 4^3, 6^8, 12^3\})$	21824
12	$\mathcal{O}(0; \{4^5, 6^8, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^9, 12^3\})$	21840
12	$\mathcal{O}(0; \{3, 4^3, 6^9, 12^3\})$	87360
12	$\mathcal{O}(0; \{3^2, 4, 6^{10}, 12^3\})$	87376
12	$\mathcal{O}(0; \{2, 4, 6^{11}, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^{19}, 12^4\})$	48
12	$\mathcal{O}(0; \{2^{15}, 3^3, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^9, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{12}, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^{16}, 4^2, 12^4\})$	192
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^2, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^6, 4^2, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^9, 4^2, 12^4\})$	87360
12	$\mathcal{O}(0; \{3^{12}, 4^2, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^{13}, 4^4, 12^4\})$	768
12	$\mathcal{O}(0; \{2^9, 3^3, 4^4, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^6, 4^4, 12^4\})$	43776
12	$\mathcal{O}(0; \{2, 3^9, 4^4, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^{10}, 4^6, 12^4\})$	3072
12	$\mathcal{O}(0; \{2^6, 3^3, 4^6, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^6, 4^6, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^7, 4^8, 12^4\})$	12288
12	$\mathcal{O}(0; \{2^3, 3^3, 4^8, 12^4\})$	86016
12	$\mathcal{O}(0; \{2^4, 4^{10}, 12^4\})$	49152
12	$\mathcal{O}(0; \{3^3, 4^{10}, 12^4\})$	344064
12	$\mathcal{O}(0; \{2, 4^{12}, 12^4\})$	196608
12	$\mathcal{O}(0; \{2^{16}, 3, 6, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^4, 6, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^7, 6, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^{10}, 6, 12^4\})$	87376
12	$\mathcal{O}(0; \{3^{13}, 6, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{13}, 3, 4^2, 6, 12^4\})$	704
12	$\mathcal{O}(0; \{2^9, 3^4, 4^2, 6, 12^4\})$	5440

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	$\mathcal{O}(0; \{2^5, 3^7, 4^2, 6, 12^4\})$	43712
12	$\mathcal{O}(0; \{2, 3^{10}, 4^2, 6, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^{10}, 3, 4^4, 6, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^4, 4^4, 6, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^7, 4^4, 6, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^7, 3, 4^6, 6, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^4, 4^6, 6, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^4, 3, 4^8, 6, 12^4\})$	45056
12	$\mathcal{O}(0; \{3^4, 4^8, 6, 12^4\})$	348160
12	$\mathcal{O}(0; \{2, 3, 4^{10}, 6, 12^4\})$	180224
12	$\mathcal{O}(0; \{2^{13}, 3^2, 6^2, 12^4\})$	688
12	$\mathcal{O}(0; \{2^9, 3^5, 6^2, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^8, 6^2, 12^4\})$	43696
12	$\mathcal{O}(0; \{2, 3^{11}, 6^2, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^2, 6^2, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^5, 4^2, 6^2, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^8, 4^2, 6^2, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^7, 3^2, 4^4, 6^2, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^5, 4^4, 6^2, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^2, 4^6, 6^2, 12^4\})$	44032
12	$\mathcal{O}(0; \{3^5, 4^6, 6^2, 12^4\})$	349184
12	$\mathcal{O}(0; \{2, 3^2, 4^8, 6^2, 12^4\})$	176128
12	$\mathcal{O}(0; \{2^{14}, 6^3, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^3, 6^3, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^6, 6^3, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^9, 6^3, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^{11}, 4^2, 6^3, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 6^3, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 6^3, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^8, 4^4, 6^3, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 6^3, 12^4\})$	43776
12	$\mathcal{O}(0; \{3^6, 4^4, 6^3, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^5, 4^6, 6^3, 12^4\})$	21504
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 6^3, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^2, 4^8, 6^3, 12^4\})$	86016
12	$\mathcal{O}(0; \{2^{11}, 3, 6^4, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^4, 6^4, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^7, 6^4, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6^4, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6^4, 12^4\})$	43712
12	$\mathcal{O}(0; \{3^7, 4^2, 6^4, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6^4, 12^4\})$	21760
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6^4, 12^4\})$	174848

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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	$\mathcal{O}(0; \{2^2, 3, 4^6, 6^4, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^8, 3^2, 6^5, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^5, 6^5, 12^4\})$	43696
12	$\mathcal{O}(0; \{3^8, 6^5, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^5, 12^4\})$	21824
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^5, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^5, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^9, 6^6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^3, 6^6, 12^4\})$	21840
12	$\mathcal{O}(0; \{2, 3^6, 6^6, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^6, 4^2, 6^6, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^6, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^3, 4^4, 6^6, 12^4\})$	43776
12	$\mathcal{O}(0; \{4^6, 6^6, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^6, 3, 6^7, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^4, 6^7, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^7, 12^4\})$	43712
12	$\mathcal{O}(0; \{3, 4^4, 6^7, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^2, 6^8, 12^4\})$	43696
12	$\mathcal{O}(0; \{3^2, 4^2, 6^8, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^4, 6^9, 12^4\})$	21840
12	$\mathcal{O}(0; \{3^3, 6^9, 12^4\})$	174768
12	$\mathcal{O}(0; \{2, 4^2, 6^9, 12^4\})$	87360
12	$\mathcal{O}(0; \{2, 3, 6^{10}, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^5, 4, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^8, 4, 12^5\})$	87360
12	$\mathcal{O}(0; \{2, 3^{11}, 4, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^3, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^5, 4^3, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^8, 4^3, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^7, 3^2, 4^5, 12^5\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^5, 4^5, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^2, 4^7, 12^5\})$	86016
12	$\mathcal{O}(0; \{3^5, 4^7, 12^5\})$	700416
12	$\mathcal{O}(0; \{2, 3^2, 4^9, 12^5\})$	344064
12	$\mathcal{O}(0; \{2^{14}, 4, 6, 12^5\})$	704
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4, 6, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^6, 4, 6, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^9, 4, 6, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^{11}, 4^3, 6, 12^5\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^3, 4^3, 6, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^6, 4^3, 6, 12^5\})$	174848

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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	$\mathcal{O}(0; \{2^8, 4^5, 6, 12^5\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^3, 4^5, 6, 12^5\})$	87040
12	$\mathcal{O}(0; \{3^6, 4^5, 6, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^5, 4^7, 6, 12^5\})$	45056
12	$\mathcal{O}(0; \{2, 3^3, 4^7, 6, 12^5\})$	348160
12	$\mathcal{O}(0; \{2^2, 4^9, 6, 12^5\})$	180224
12	$\mathcal{O}(0; \{2^{11}, 3, 4, 6^2, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^4, 4, 6^2, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^7, 4, 6^2, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^8, 3, 4^3, 6^2, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^4, 4^3, 6^2, 12^5\})$	87296
12	$\mathcal{O}(0; \{3^7, 4^3, 6^2, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^5, 3, 4^5, 6^2, 12^5\})$	44032
12	$\mathcal{O}(0; \{2, 3^4, 4^5, 6^2, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^2, 3, 4^7, 6^2, 12^5\})$	176128
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 6^3, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 6^3, 12^5\})$	87360
12	$\mathcal{O}(0; \{3^8, 4, 6^3, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 6^3, 12^5\})$	43776
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 6^3, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 6^3, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^9, 4, 6^4, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6^4, 12^5\})$	43712
12	$\mathcal{O}(0; \{2, 3^6, 4, 6^4, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^6, 4^3, 6^4, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6^4, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^3, 4^5, 6^4, 12^5\})$	87040
12	$\mathcal{O}(0; \{4^7, 6^4, 12^5\})$	348160
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^5, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^5, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^5, 12^5\})$	87296
12	$\mathcal{O}(0; \{3, 4^5, 6^5, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^6, 12^5\})$	87360
12	$\mathcal{O}(0; \{3^2, 4^3, 6^6, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^4, 4, 6^7, 12^5\})$	43712
12	$\mathcal{O}(0; \{3^3, 4, 6^7, 12^5\})$	349504
12	$\mathcal{O}(0; \{2, 4^3, 6^7, 12^5\})$	174848
12	$\mathcal{O}(0; \{2, 3, 4, 6^8, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^{14}, 3, 12^6\})$	1344
12	$\mathcal{O}(0; \{2^{10}, 3^4, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^7, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^{10}, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^{11}, 3, 4^2, 12^6\})$	5376

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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	$\mathcal{O}(0; \{2^7, 3^4, 4^2, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^7, 4^2, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^8, 3, 4^4, 12^6\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^4, 4^4, 12^6\})$	175104
12	$\mathcal{O}(0; \{3^7, 4^4, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^5, 3, 4^6, 12^6\})$	86016
12	$\mathcal{O}(0; \{2, 3^4, 4^6, 12^6\})$	700416
12	$\mathcal{O}(0; \{2^2, 3, 4^8, 12^6\})$	344064
12	$\mathcal{O}(0; \{2^{11}, 3^2, 6, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^5, 6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^8, 6, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 6, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 6, 12^6\})$	174848
12	$\mathcal{O}(0; \{3^8, 4^2, 6, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 6, 12^6\})$	87040
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 6, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 6, 12^6\})$	348160
12	$\mathcal{O}(0; \{2^{12}, 6^2, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^3, 6^2, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^6, 6^2, 12^6\})$	174784
12	$\mathcal{O}(0; \{3^9, 6^2, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^9, 4^2, 6^2, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6^2, 12^6\})$	87296
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6^2, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^6, 4^4, 6^2, 12^6\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6^2, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^3, 4^6, 6^2, 12^6\})$	176128
12	$\mathcal{O}(0; \{4^8, 6^2, 12^6\})$	704512
12	$\mathcal{O}(0; \{2^9, 3, 6^3, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^4, 6^3, 12^6\})$	87360
12	$\mathcal{O}(0; \{2, 3^7, 6^3, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^3, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^3, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^3, 12^6\})$	175104
12	$\mathcal{O}(0; \{3, 4^6, 6^3, 12^6\})$	700416
12	$\mathcal{O}(0; \{2^6, 3^2, 6^4, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^5, 6^4, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^4, 12^6\})$	174848
12	$\mathcal{O}(0; \{3^2, 4^4, 6^4, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^7, 6^5, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^3, 6^5, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^4, 4^2, 6^5, 12^6\})$	87296
12	$\mathcal{O}(0; \{3^3, 4^2, 6^5, 12^6\})$	699136

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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	$\mathcal{O}(0; \{2, 4^4, 6^5, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^4, 3, 6^6, 12^6\})$	87360
12	$\mathcal{O}(0; \{3^4, 6^6, 12^6\})$	699072
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^6, 12^6\})$	349440
12	$\mathcal{O}(0; \{2, 3^2, 6^7, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^2, 6^8, 12^6\})$	174784
12	$\mathcal{O}(0; \{2^{12}, 4, 12^7\})$	5376
12	$\mathcal{O}(0; \{2^8, 3^3, 4, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^6, 4, 12^7\})$	349440
12	$\mathcal{O}(0; \{3^9, 4, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^9, 4^3, 12^7\})$	21504
12	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 12^7\})$	175104
12	$\mathcal{O}(0; \{2, 3^6, 4^3, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^6, 4^5, 12^7\})$	86016
12	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 12^7\})$	700416
12	$\mathcal{O}(0; \{2^3, 4^7, 12^7\})$	344064
12	$\mathcal{O}(0; \{4^9, 12^7\})$	1376256
12	$\mathcal{O}(0; \{2^9, 3, 4, 6, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 6, 12^7\})$	174848
12	$\mathcal{O}(0; \{2, 3^7, 4, 6, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 6, 12^7\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6, 12^7\})$	699392
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 6, 12^7\})$	348160
12	$\mathcal{O}(0; \{3, 4^7, 6, 12^7\})$	1392640
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^2, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^2, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^2, 12^7\})$	349184
12	$\mathcal{O}(0; \{3^2, 4^5, 6^2, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2^7, 4, 6^3, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^3, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^4, 4^3, 6^3, 12^7\})$	175104
12	$\mathcal{O}(0; \{3^3, 4^3, 6^3, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2, 4^5, 6^3, 12^7\})$	700416
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^4, 12^7\})$	174848
12	$\mathcal{O}(0; \{3^4, 4, 6^4, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^4, 12^7\})$	699392
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^5, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^2, 4, 6^6, 12^7\})$	349440
12	$\mathcal{O}(0; \{2^9, 3^2, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^5, 12^8\})$	349440
12	$\mathcal{O}(0; \{2, 3^8, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 12^8\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 12^8\})$	1397760

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 12^8\})$	700416
12	$\mathcal{O}(0; \{3^2, 4^6, 12^8\})$	2801664
12	$\mathcal{O}(0; \{2^{10}, 6, 12^8\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^3, 6, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^6, 6, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^7, 4^2, 6, 12^8\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6, 12^8\})$	699392
12	$\mathcal{O}(0; \{2^4, 4^4, 6, 12^8\})$	348160
12	$\mathcal{O}(0; \{3^3, 4^4, 6, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2, 4^6, 6, 12^8\})$	1392640
12	$\mathcal{O}(0; \{2^7, 3, 6^2, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^4, 6^2, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^2, 12^8\})$	349184
12	$\mathcal{O}(0; \{3^4, 4^2, 6^2, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^2, 12^8\})$	1396736
12	$\mathcal{O}(0; \{2^4, 3^2, 6^3, 12^8\})$	349440
12	$\mathcal{O}(0; \{3^5, 6^3, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^3, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2^5, 6^4, 12^8\})$	174848
12	$\mathcal{O}(0; \{2, 3^3, 6^4, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^2, 4^2, 6^4, 12^8\})$	699392
12	$\mathcal{O}(0; \{2^2, 3, 6^5, 12^8\})$	699136
12	$\mathcal{O}(0; \{6^7, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^7, 3, 4, 12^9\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 12^9\})$	700416
12	$\mathcal{O}(0; \{3^4, 4^3, 12^9\})$	5591040
12	$\mathcal{O}(0; \{2, 3, 4^5, 12^9\})$	2801664
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6, 12^9\})$	699392
12	$\mathcal{O}(0; \{3^5, 4, 6, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6, 12^9\})$	2797568
12	$\mathcal{O}(0; \{2^5, 4, 6^2, 12^9\})$	349184
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^2, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2^2, 4^3, 6^2, 12^9\})$	1396736
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^3, 12^9\})$	1397760
12	$\mathcal{O}(0; \{4, 6^5, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2^8, 12^{10}\})$	175104
12	$\mathcal{O}(0; \{2^4, 3^3, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{3^6, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2^5, 4^2, 12^{10}\})$	700416
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{2^2, 4^4, 12^{10}\})$	2801664
12	$\mathcal{O}(0; \{2^5, 3, 6, 12^{10}\})$	699392

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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	$\mathcal{O}(0; \{2, 3^4, 6, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2^3, 6^3, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{4^2, 6^3, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{3, 6^4, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{2^3, 4, 6, 12^{11}\})$	2797568
12	$\mathcal{O}(0; \{4^3, 6, 12^{11}\})$	11190272
12	$\mathcal{O}(0; \{3, 4, 6^2, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{2^3, 3, 12^{12}\})$	5591040
12	$\mathcal{O}(0; \{3, 4^2, 12^{12}\})$	22364160
12	$\mathcal{O}(0; \{3^2, 6, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{2, 6^2, 12^{12}\})$	11186176
12	$\mathcal{O}(0; \{2, 4, 12^{13}\})$	22364160
13	$\mathcal{O}(2; \{13^9\})$	11336037406980
14	$\mathcal{O}(4; \{2^2, 7^3\})$	44273671680
14	$\mathcal{O}(4; \{7^2, 14^2\})$	274496764416
14	$\mathcal{O}(3; \{2^6, 7^3\})$	225886080
14	$\mathcal{O}(3; \{2^4, 7^2, 14^2\})$	1400493696
14	$\mathcal{O}(3; \{2^2, 7, 14^4\})$	8357784960
14	$\mathcal{O}(3; \{14^6\})$	50191886976
14	$\mathcal{O}(2; \{2^{10}, 7^3\})$	1152480
14	$\mathcal{O}(2; \{2^3, 7^6, 14\})$	1536255840
14	$\mathcal{O}(2; \{2^8, 7^2, 14^2\})$	7145376
14	$\mathcal{O}(2; \{2, 7^5, 14^3\})$	9217765536
14	$\mathcal{O}(2; \{2^6, 7, 14^4\})$	42641760
14	$\mathcal{O}(2; \{2^4, 14^6\})$	256081056
14	$\mathcal{O}(1; \{2^{14}, 7^3\})$	5880
14	$\mathcal{O}(1; \{2^2, 7^{10}\})$	1693053096
14	$\mathcal{O}(1; \{2^7, 7^6, 14\})$	7838040
14	$\mathcal{O}(1; \{2^{12}, 7^2, 14^2\})$	36456
14	$\mathcal{O}(1; \{7^9, 14^2\})$	10158317400
14	$\mathcal{O}(1; \{2^5, 7^5, 14^3\})$	47029416
14	$\mathcal{O}(1; \{2^{10}, 7, 14^4\})$	217560
14	$\mathcal{O}(1; \{2^3, 7^4, 14^5\})$	282175320
14	$\mathcal{O}(1; \{2^8, 14^6\})$	1306536
14	$\mathcal{O}(1; \{2, 7^3, 14^7\})$	1693053096
14	$\mathcal{O}(0; \{2^{18}, 7^3\})$	30
14	$\mathcal{O}(0; \{2^6, 7^{10}\})$	8638026
14	$\mathcal{O}(0; \{2^{11}, 7^6, 14\})$	39990
14	$\mathcal{O}(0; \{2^{16}, 7^2, 14^2\})$	186
14	$\mathcal{O}(0; \{2^4, 7^9, 14^2\})$	51828150

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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	$\mathcal{O}(0; \{2^9, 7^5, 14^3\})$	239946
14	$\mathcal{O}(0; \{2^{14}, 7, 14^4\})$	1110
14	$\mathcal{O}(0; \{2^2, 7^8, 14^4\})$	310968906
14	$\mathcal{O}(0; \{2^7, 7^4, 14^5\})$	1439670
14	$\mathcal{O}(0; \{2^{12}, 14^6\})$	6666
14	$\mathcal{O}(0; \{7^7, 14^6\})$	1865813430
14	$\mathcal{O}(0; \{2^5, 7^3, 14^7\})$	8638026
14	$\mathcal{O}(0; \{2^3, 7^2, 14^9\})$	51828150
14	$\mathcal{O}(0; \{2, 7, 14^{11}\})$	310968906
15	$\mathcal{O}(4; \{3^2, 5^2\})$	20503125000
15	$\mathcal{O}(3; \{3^5, 5^2\})$	455625000
15	$\mathcal{O}(3; \{3, 5^3, 15^2\})$	4647375000
15	$\mathcal{O}(3; \{3^2, 5, 15^3\})$	5923125000
15	$\mathcal{O}(2; \{3^8, 5^2\})$	17415000
15	$\mathcal{O}(2; \{3^2, 5^7\})$	331695000
15	$\mathcal{O}(2; \{3^3, 5^5, 15\})$	249075000
15	$\mathcal{O}(2; \{3^4, 5^3, 15^2\})$	227205000
15	$\mathcal{O}(2; \{3^5, 5, 15^3\})$	226395000
15	$\mathcal{O}(2; \{5^4, 15^4\})$	3981555000
15	$\mathcal{O}(2; \{3, 5^2, 15^5\})$	3648645000
15	$\mathcal{O}(2; \{3^2, 15^6\})$	3570075000
15	$\mathcal{O}(1; \{3^{11}, 5^2\})$	613800
15	$\mathcal{O}(1; \{3^5, 5^7\})$	7371000
15	$\mathcal{O}(1; \{3^6, 5^5, 15\})$	7749000
15	$\mathcal{O}(1; \{3^7, 5^3, 15^2\})$	7803000
15	$\mathcal{O}(1; \{3, 5^8, 15^2\})$	94372200
15	$\mathcal{O}(1; \{3^8, 5, 15^3\})$	7979400
15	$\mathcal{O}(1; \{3^2, 5^6, 15^3\})$	117963000
15	$\mathcal{O}(1; \{3^3, 5^4, 15^4\})$	123870600
15	$\mathcal{O}(1; \{3^4, 5^2, 15^5\})$	125307000
15	$\mathcal{O}(1; \{3^5, 15^6\})$	125829000
15	$\mathcal{O}(1; \{5^3, 15^7\})$	1981816200
15	$\mathcal{O}(1; \{3, 5, 15^8\})$	2005371000
15	$\mathcal{O}(0; \{3^{14}, 5^2\})$	21848
15	$\mathcal{O}(0; \{3^8, 5^7\})$	281736
15	$\mathcal{O}(0; \{3^2, 5^{12}\})$	6710888
15	$\mathcal{O}(0; \{3^9, 5^5, 15\})$	280440
15	$\mathcal{O}(0; \{3^3, 5^{10}, 15\})$	5033160
15	$\mathcal{O}(0; \{3^{10}, 5^3, 15^2\})$	278664
15	$\mathcal{O}(0; \{3^4, 5^8, 15^2\})$	4613752
15	$\mathcal{O}(0; \{3^{11}, 5, 15^3\})$	284024
15	$\mathcal{O}(0; \{3^5, 5^6, 15^3\})$	4508808
15	$\mathcal{O}(0; \{3^6, 5^4, 15^4\})$	4482936

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{5^9, 15^4\})$	80530632
15	$\mathcal{O}(0; \{3^7, 5^2, 15^5\})$	4475016
15	$\mathcal{O}(0; \{3, 5^7, 15^5\})$	73819768
15	$\mathcal{O}(0; \{3^8, 15^6\})$	4478840
15	$\mathcal{O}(0; \{3^2, 5^5, 15^6\})$	72141960
15	$\mathcal{O}(0; \{3^3, 5^3, 15^7\})$	71722872
15	$\mathcal{O}(0; \{3^4, 5, 15^8\})$	71616648
15	$\mathcal{O}(0; \{5^2, 15^{10}\})$	1147561848
15	$\mathcal{O}(0; \{3, 15^{11}\})$	1145882760
16	$\mathcal{O}(4; \{2, 16^2\})$	34359738368
16	$\mathcal{O}(3; \{2^5, 16^2\})$	134217728
16	$\mathcal{O}(3; \{2^2, 4^2, 16^2\})$	536870912
16	$\mathcal{O}(3; \{4, 8^2, 16^2\})$	4294967296
16	$\mathcal{O}(2; \{2^9, 16^2\})$	524288
16	$\mathcal{O}(2; \{2^6, 4^2, 16^2\})$	2097152
16	$\mathcal{O}(2; \{2^3, 4^4, 16^2\})$	8388608
16	$\mathcal{O}(2; \{4^6, 16^2\})$	33554432
16	$\mathcal{O}(2; \{2^4, 4, 8^2, 16^2\})$	16777216
16	$\mathcal{O}(2; \{2, 4^3, 8^2, 16^2\})$	67108864
16	$\mathcal{O}(2; \{2^2, 8^4, 16^2\})$	134217728
16	$\mathcal{O}(2; \{2^2, 4, 8, 16^4\})$	268435456
16	$\mathcal{O}(2; \{8^3, 16^4\})$	2147483648
16	$\mathcal{O}(2; \{4, 16^6\})$	4294967296
16	$\mathcal{O}(1; \{2^{13}, 16^2\})$	2048
16	$\mathcal{O}(1; \{2^{10}, 4^2, 16^2\})$	8192
16	$\mathcal{O}(1; \{2^7, 4^4, 16^2\})$	32768
16	$\mathcal{O}(1; \{2^4, 4^6, 16^2\})$	131072
16	$\mathcal{O}(1; \{2, 4^8, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^8, 4, 8^2, 16^2\})$	65536
16	$\mathcal{O}(1; \{2^5, 4^3, 8^2, 16^2\})$	262144
16	$\mathcal{O}(1; \{2^2, 4^5, 8^2, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2^6, 8^4, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^3, 4^2, 8^4, 16^2\})$	2097152
16	$\mathcal{O}(1; \{4^4, 8^4, 16^2\})$	8388608
16	$\mathcal{O}(1; \{2, 4, 8^6, 16^2\})$	16777216
16	$\mathcal{O}(1; \{2^6, 4, 8, 16^4\})$	1048576
16	$\mathcal{O}(1; \{2^3, 4^3, 8, 16^4\})$	4194304
16	$\mathcal{O}(1; \{4^5, 8, 16^4\})$	16777216
16	$\mathcal{O}(1; \{2^4, 8^3, 16^4\})$	8388608
16	$\mathcal{O}(1; \{2, 4^2, 8^3, 16^4\})$	33554432
16	$\mathcal{O}(1; \{2^4, 4, 16^6\})$	16777216
16	$\mathcal{O}(1; \{2, 4^3, 16^6\})$	67108864
16	$\mathcal{O}(1; \{2^2, 8^2, 16^6\})$	134217728

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{8, 16^8\})$	2147483648
16	$\mathcal{O}(0; \{2^{17}, 16^2\})$	8
16	$\mathcal{O}(0; \{2^{14}, 4^2, 16^2\})$	32
16	$\mathcal{O}(0; \{2^{11}, 4^4, 16^2\})$	128
16	$\mathcal{O}(0; \{2^8, 4^6, 16^2\})$	512
16	$\mathcal{O}(0; \{2^5, 4^8, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^2, 4^{10}, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^{12}, 4, 8^2, 16^2\})$	256
16	$\mathcal{O}(0; \{2^9, 4^3, 8^2, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^6, 4^5, 8^2, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^3, 4^7, 8^2, 16^2\})$	16384
16	$\mathcal{O}(0; \{4^9, 8^2, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^{10}, 8^4, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^7, 4^2, 8^4, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^4, 4^4, 8^4, 16^2\})$	32768
16	$\mathcal{O}(0; \{2, 4^6, 8^4, 16^2\})$	131072
16	$\mathcal{O}(0; \{2^5, 4, 8^6, 16^2\})$	65536
16	$\mathcal{O}(0; \{2^2, 4^3, 8^6, 16^2\})$	262144
16	$\mathcal{O}(0; \{2^3, 8^8, 16^2\})$	524288
16	$\mathcal{O}(0; \{4^2, 8^8, 16^2\})$	2097152
16	$\mathcal{O}(0; \{2^{10}, 4, 8, 16^4\})$	4096
16	$\mathcal{O}(0; \{2^7, 4^3, 8, 16^4\})$	16384
16	$\mathcal{O}(0; \{2^4, 4^5, 8, 16^4\})$	65536
16	$\mathcal{O}(0; \{2, 4^7, 8, 16^4\})$	262144
16	$\mathcal{O}(0; \{2^8, 8^3, 16^4\})$	32768
16	$\mathcal{O}(0; \{2^5, 4^2, 8^3, 16^4\})$	131072
16	$\mathcal{O}(0; \{2^2, 4^4, 8^3, 16^4\})$	524288
16	$\mathcal{O}(0; \{2^3, 4, 8^5, 16^4\})$	1048576
16	$\mathcal{O}(0; \{4^3, 8^5, 16^4\})$	4194304
16	$\mathcal{O}(0; \{2, 8^7, 16^4\})$	8388608
16	$\mathcal{O}(0; \{2^8, 4, 16^6\})$	65536
16	$\mathcal{O}(0; \{2^5, 4^3, 16^6\})$	262144
16	$\mathcal{O}(0; \{2^2, 4^5, 16^6\})$	1048576
16	$\mathcal{O}(0; \{2^6, 8^2, 16^6\})$	524288
16	$\mathcal{O}(0; \{2^3, 4^2, 8^2, 16^6\})$	2097152
16	$\mathcal{O}(0; \{4^4, 8^2, 16^6\})$	8388608
16	$\mathcal{O}(0; \{2, 4, 8^4, 16^6\})$	16777216
16	$\mathcal{O}(0; \{2^4, 8, 16^8\})$	8388608
16	$\mathcal{O}(0; \{2, 4^2, 8, 16^8\})$	33554432
16	$\mathcal{O}(0; \{2^2, 16^{10}\})$	134217728
17	$\mathcal{O}(4; \{17^2\})$	111612119056
18	$\mathcal{O}(3; \{2^2, 3, 9^2\})$	408146688
18	$\mathcal{O}(3; \{6^2, 9^2\})$	816293376

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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	$\mathcal{O}(3; \{3, 9, 18^2\})$	1224440064
18	$\mathcal{O}(2; \{2^6, 3, 9^2\})$	1259712
18	$\mathcal{O}(2; \{2^2, 3^4, 9^2\})$	10077696
18	$\mathcal{O}(2; \{2^3, 3^2, 6, 9^2\})$	5038848
18	$\mathcal{O}(2; \{2^4, 6^2, 9^2\})$	2519424
18	$\mathcal{O}(2; \{3^3, 6^2, 9^2\})$	20155392
18	$\mathcal{O}(2; \{2, 3, 6^3, 9^2\})$	10077696
18	$\mathcal{O}(2; \{2^2, 9^5\})$	85030560
18	$\mathcal{O}(2; \{2, 3^2, 9^3, 18\})$	68024448
18	$\mathcal{O}(2; \{2^2, 6, 9^3, 18\})$	34012224
18	$\mathcal{O}(2; \{2^4, 3, 9, 18^2\})$	3779136
18	$\mathcal{O}(2; \{3^4, 9, 18^2\})$	30233088
18	$\mathcal{O}(2; \{2, 3^2, 6, 9, 18^2\})$	15116544
18	$\mathcal{O}(2; \{2^2, 6^2, 9, 18^2\})$	7558272
18	$\mathcal{O}(2; \{9^4, 18^2\})$	561201696
18	$\mathcal{O}(2; \{6, 9^2, 18^3\})$	170061120
18	$\mathcal{O}(2; \{2^2, 3, 18^4\})$	34012224
18	$\mathcal{O}(2; \{6^2, 18^4\})$	68024448
18	$\mathcal{O}(1; \{2^{10}, 3, 9^2\})$	3888
18	$\mathcal{O}(1; \{2^6, 3^4, 9^2\})$	31104
18	$\mathcal{O}(1; \{2^2, 3^7, 9^2\})$	248832
18	$\mathcal{O}(1; \{2^7, 3^2, 6, 9^2\})$	15552
18	$\mathcal{O}(1; \{2^3, 3^5, 6, 9^2\})$	124416
18	$\mathcal{O}(1; \{2^8, 6^2, 9^2\})$	7776
18	$\mathcal{O}(1; \{2^4, 3^3, 6^2, 9^2\})$	62208
18	$\mathcal{O}(1; \{3^6, 6^2, 9^2\})$	497664
18	$\mathcal{O}(1; \{2^5, 3, 6^3, 9^2\})$	31104
18	$\mathcal{O}(1; \{2, 3^4, 6^3, 9^2\})$	248832
18	$\mathcal{O}(1; \{2^2, 3^2, 6^4, 9^2\})$	124416
18	$\mathcal{O}(1; \{2^3, 6^5, 9^2\})$	62208
18	$\mathcal{O}(1; \{3, 6^6, 9^2\})$	248832
18	$\mathcal{O}(1; \{2^6, 9^5\})$	262440
18	$\mathcal{O}(1; \{2^2, 3^3, 9^5\})$	2099520
18	$\mathcal{O}(1; \{2^3, 3, 6, 9^5\})$	1049760
18	$\mathcal{O}(1; \{3^2, 6^2, 9^5\})$	4199040
18	$\mathcal{O}(1; \{2, 6^3, 9^5\})$	2099520
18	$\mathcal{O}(1; \{2^5, 3^2, 9^3, 18\})$	209952
18	$\mathcal{O}(1; \{2, 3^5, 9^3, 18\})$	1679616
18	$\mathcal{O}(1; \{2^6, 6, 9^3, 18\})$	104976
18	$\mathcal{O}(1; \{2^2, 3^3, 6, 9^3, 18\})$	839808
18	$\mathcal{O}(1; \{2^3, 3, 6^2, 9^3, 18\})$	419904
18	$\mathcal{O}(1; \{3^2, 6^3, 9^3, 18\})$	1679616
18	$\mathcal{O}(1; \{2, 6^4, 9^3, 18\})$	839808

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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	$\mathcal{O}(1; \{2, 3, 9^6, 18\})$	19840464
18	$\mathcal{O}(1; \{2^8, 3, 9, 18^2\})$	11664
18	$\mathcal{O}(1; \{2^4, 3^4, 9, 18^2\})$	93312
18	$\mathcal{O}(1; \{3^7, 9, 18^2\})$	746496
18	$\mathcal{O}(1; \{2^5, 3^2, 6, 9, 18^2\})$	46656
18	$\mathcal{O}(1; \{2, 3^5, 6, 9, 18^2\})$	373248
18	$\mathcal{O}(1; \{2^6, 6^2, 9, 18^2\})$	23328
18	$\mathcal{O}(1; \{2^2, 3^3, 6^2, 9, 18^2\})$	186624
18	$\mathcal{O}(1; \{2^3, 3, 6^3, 9, 18^2\})$	93312
18	$\mathcal{O}(1; \{3^2, 6^4, 9, 18^2\})$	373248
18	$\mathcal{O}(1; \{2, 6^5, 9, 18^2\})$	186624
18	$\mathcal{O}(1; \{2^4, 9^4, 18^2\})$	1732104
18	$\mathcal{O}(1; \{3^3, 9^4, 18^2\})$	13856832
18	$\mathcal{O}(1; \{2, 3, 6, 9^4, 18^2\})$	6928416
18	$\mathcal{O}(1; \{2^3, 3^2, 9^2, 18^3\})$	1049760
18	$\mathcal{O}(1; \{2^4, 6, 9^2, 18^3\})$	524880
18	$\mathcal{O}(1; \{3^3, 6, 9^2, 18^3\})$	4199040
18	$\mathcal{O}(1; \{2, 3, 6^2, 9^2, 18^3\})$	2099520
18	$\mathcal{O}(1; \{2^6, 3, 18^4\})$	104976
18	$\mathcal{O}(1; \{2^2, 3^4, 18^4\})$	839808
18	$\mathcal{O}(1; \{2^3, 3^2, 6, 18^4\})$	419904
18	$\mathcal{O}(1; \{2^4, 6^2, 18^4\})$	209952
18	$\mathcal{O}(1; \{3^3, 6^2, 18^4\})$	1679616
18	$\mathcal{O}(1; \{2, 3, 6^3, 18^4\})$	839808
18	$\mathcal{O}(1; \{2^2, 9^3, 18^4\})$	9920232
18	$\mathcal{O}(1; \{2, 3^2, 9, 18^5\})$	6928416
18	$\mathcal{O}(1; \{2^2, 6, 9, 18^5\})$	3464208
18	$\mathcal{O}(1; \{9^2, 18^6\})$	60938568
18	$\mathcal{O}(1; \{6, 18^7\})$	19840464
18	$\mathcal{O}(0; \{2^{14}, 3, 9^2\})$	12
18	$\mathcal{O}(0; \{2^{10}, 3^4, 9^2\})$	96
18	$\mathcal{O}(0; \{2^6, 3^7, 9^2\})$	768
18	$\mathcal{O}(0; \{2^2, 3^{10}, 9^2\})$	6144
18	$\mathcal{O}(0; \{2^{11}, 3^2, 6, 9^2\})$	48
18	$\mathcal{O}(0; \{2^7, 3^5, 6, 9^2\})$	384
18	$\mathcal{O}(0; \{2^3, 3^8, 6, 9^2\})$	3072
18	$\mathcal{O}(0; \{2^{12}, 6^2, 9^2\})$	24
18	$\mathcal{O}(0; \{2^8, 3^3, 6^2, 9^2\})$	192
18	$\mathcal{O}(0; \{2^4, 3^6, 6^2, 9^2\})$	1536
18	$\mathcal{O}(0; \{3^9, 6^2, 9^2\})$	12288
18	$\mathcal{O}(0; \{2^9, 3, 6^3, 9^2\})$	96
18	$\mathcal{O}(0; \{2^5, 3^4, 6^3, 9^2\})$	768
18	$\mathcal{O}(0; \{2, 3^7, 6^3, 9^2\})$	6144

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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	$\mathcal{O}(0; \{2^6, 3^2, 6^4, 9^2\})$	384
18	$\mathcal{O}(0; \{2^2, 3^5, 6^4, 9^2\})$	3072
18	$\mathcal{O}(0; \{2^7, 6^5, 9^2\})$	192
18	$\mathcal{O}(0; \{2^3, 3^3, 6^5, 9^2\})$	1536
18	$\mathcal{O}(0; \{2^4, 3, 6^6, 9^2\})$	768
18	$\mathcal{O}(0; \{3^4, 6^6, 9^2\})$	6144
18	$\mathcal{O}(0; \{2, 3^2, 6^7, 9^2\})$	3072
18	$\mathcal{O}(0; \{2^2, 6^8, 9^2\})$	1536
18	$\mathcal{O}(0; \{2^{10}, 9^5\})$	810
18	$\mathcal{O}(0; \{2^6, 3^3, 9^5\})$	6480
18	$\mathcal{O}(0; \{2^2, 3^6, 9^5\})$	51840
18	$\mathcal{O}(0; \{2^7, 3, 6, 9^5\})$	3240
18	$\mathcal{O}(0; \{2^3, 3^4, 6, 9^5\})$	25920
18	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 9^5\})$	12960
18	$\mathcal{O}(0; \{3^5, 6^2, 9^5\})$	103680
18	$\mathcal{O}(0; \{2^5, 6^3, 9^5\})$	6480
18	$\mathcal{O}(0; \{2, 3^3, 6^3, 9^5\})$	51840
18	$\mathcal{O}(0; \{2^2, 3, 6^4, 9^5\})$	25920
18	$\mathcal{O}(0; \{6^6, 9^5\})$	51840
18	$\mathcal{O}(0; \{2^2, 3^2, 9^8\})$	752328
18	$\mathcal{O}(0; \{2^3, 6, 9^8\})$	376164
18	$\mathcal{O}(0; \{3, 6^2, 9^8\})$	1504656
18	$\mathcal{O}(0; \{2^9, 3^2, 9^3, 18\})$	648
18	$\mathcal{O}(0; \{2^5, 3^5, 9^3, 18\})$	5184
18	$\mathcal{O}(0; \{2, 3^8, 9^3, 18\})$	41472
18	$\mathcal{O}(0; \{2^{10}, 6, 9^3, 18\})$	324
18	$\mathcal{O}(0; \{2^6, 3^3, 6, 9^3, 18\})$	2592
18	$\mathcal{O}(0; \{2^2, 3^6, 6, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{2^7, 3, 6^2, 9^3, 18\})$	1296
18	$\mathcal{O}(0; \{2^3, 3^4, 6^2, 9^3, 18\})$	10368
18	$\mathcal{O}(0; \{2^4, 3^2, 6^3, 9^3, 18\})$	5184
18	$\mathcal{O}(0; \{3^5, 6^3, 9^3, 18\})$	41472
18	$\mathcal{O}(0; \{2^5, 6^4, 9^3, 18\})$	2592
18	$\mathcal{O}(0; \{2, 3^3, 6^4, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{2^2, 3, 6^5, 9^3, 18\})$	10368
18	$\mathcal{O}(0; \{6^7, 9^3, 18\})$	20736
18	$\mathcal{O}(0; \{2^5, 3, 9^6, 18\})$	61236
18	$\mathcal{O}(0; \{2, 3^4, 9^6, 18\})$	489888
18	$\mathcal{O}(0; \{2^2, 3^2, 6, 9^6, 18\})$	244944
18	$\mathcal{O}(0; \{2^3, 6^2, 9^6, 18\})$	122472
18	$\mathcal{O}(0; \{3, 6^3, 9^6, 18\})$	489888
18	$\mathcal{O}(0; \{2, 9^9, 18\})$	6731586
18	$\mathcal{O}(0; \{2^{12}, 3, 9, 18^2\})$	36

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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	$\mathcal{O}(0; \{2^8, 3^4, 9, 18^2\})$	288
18	$\mathcal{O}(0; \{2^4, 3^7, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{3^{10}, 9, 18^2\})$	18432
18	$\mathcal{O}(0; \{2^9, 3^2, 6, 9, 18^2\})$	144
18	$\mathcal{O}(0; \{2^5, 3^5, 6, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{2, 3^8, 6, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{2^{10}, 6^2, 9, 18^2\})$	72
18	$\mathcal{O}(0; \{2^6, 3^3, 6^2, 9, 18^2\})$	576
18	$\mathcal{O}(0; \{2^2, 3^6, 6^2, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{2^7, 3, 6^3, 9, 18^2\})$	288
18	$\mathcal{O}(0; \{2^3, 3^4, 6^3, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{2^4, 3^2, 6^4, 9, 18^2\})$	1152
18	$\mathcal{O}(0; \{3^5, 6^4, 9, 18^2\})$	9216
18	$\mathcal{O}(0; \{2^5, 6^5, 9, 18^2\})$	576
18	$\mathcal{O}(0; \{2, 3^3, 6^5, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{2^2, 3, 6^6, 9, 18^2\})$	2304
18	$\mathcal{O}(0; \{6^8, 9, 18^2\})$	4608
18	$\mathcal{O}(0; \{2^8, 9^4, 18^2\})$	5346
18	$\mathcal{O}(0; \{2^4, 3^3, 9^4, 18^2\})$	42768
18	$\mathcal{O}(0; \{3^6, 9^4, 18^2\})$	342144
18	$\mathcal{O}(0; \{2^5, 3, 6, 9^4, 18^2\})$	21384
18	$\mathcal{O}(0; \{2, 3^4, 6, 9^4, 18^2\})$	171072
18	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 9^4, 18^2\})$	85536
18	$\mathcal{O}(0; \{2^3, 6^3, 9^4, 18^2\})$	42768
18	$\mathcal{O}(0; \{3, 6^4, 9^4, 18^2\})$	171072
18	$\mathcal{O}(0; \{3^2, 9^7, 18^2\})$	4461480
18	$\mathcal{O}(0; \{2, 6, 9^7, 18^2\})$	2230740
18	$\mathcal{O}(0; \{2^7, 3^2, 9^2, 18^3\})$	3240
18	$\mathcal{O}(0; \{2^3, 3^5, 9^2, 18^3\})$	25920
18	$\mathcal{O}(0; \{2^8, 6, 9^2, 18^3\})$	1620
18	$\mathcal{O}(0; \{2^4, 3^3, 6, 9^2, 18^3\})$	12960
18	$\mathcal{O}(0; \{3^6, 6, 9^2, 18^3\})$	103680
18	$\mathcal{O}(0; \{2^5, 3, 6^2, 9^2, 18^3\})$	6480
18	$\mathcal{O}(0; \{2, 3^4, 6^2, 9^2, 18^3\})$	51840
18	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 9^2, 18^3\})$	25920
18	$\mathcal{O}(0; \{2^3, 6^4, 9^2, 18^3\})$	12960
18	$\mathcal{O}(0; \{3, 6^5, 9^2, 18^3\})$	51840
18	$\mathcal{O}(0; \{2^3, 3, 9^5, 18^3\})$	376164
18	$\mathcal{O}(0; \{3^2, 6, 9^5, 18^3\})$	1504656
18	$\mathcal{O}(0; \{2, 6^2, 9^5, 18^3\})$	752328
18	$\mathcal{O}(0; \{2^{10}, 3, 18^4\})$	324
18	$\mathcal{O}(0; \{2^6, 3^4, 18^4\})$	2592
18	$\mathcal{O}(0; \{2^2, 3^7, 18^4\})$	20736

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^7, 3^2, 6, 18^4\})$	1296
18	$\mathcal{O}(0; \{2^3, 3^5, 6, 18^4\})$	10368
18	$\mathcal{O}(0; \{2^8, 6^2, 18^4\})$	648
18	$\mathcal{O}(0; \{2^4, 3^3, 6^2, 18^4\})$	5184
18	$\mathcal{O}(0; \{3^6, 6^2, 18^4\})$	41472
18	$\mathcal{O}(0; \{2^5, 3, 6^3, 18^4\})$	2592
18	$\mathcal{O}(0; \{2, 3^4, 6^3, 18^4\})$	20736
18	$\mathcal{O}(0; \{2^2, 3^2, 6^4, 18^4\})$	10368
18	$\mathcal{O}(0; \{2^3, 6^5, 18^4\})$	5184
18	$\mathcal{O}(0; \{3, 6^6, 18^4\})$	20736
18	$\mathcal{O}(0; \{2^6, 9^3, 18^4\})$	30618
18	$\mathcal{O}(0; \{2^2, 3^3, 9^3, 18^4\})$	244944
18	$\mathcal{O}(0; \{2^3, 3, 6, 9^3, 18^4\})$	122472
18	$\mathcal{O}(0; \{3^2, 6^2, 9^3, 18^4\})$	489888
18	$\mathcal{O}(0; \{2, 6^3, 9^3, 18^4\})$	244944
18	$\mathcal{O}(0; \{2^5, 3^2, 9, 18^5\})$	21384
18	$\mathcal{O}(0; \{2, 3^5, 9, 18^5\})$	171072
18	$\mathcal{O}(0; \{2^6, 6, 9, 18^5\})$	10692
18	$\mathcal{O}(0; \{2^2, 3^3, 6, 9, 18^5\})$	85536
18	$\mathcal{O}(0; \{2^3, 3, 6^2, 9, 18^5\})$	42768
18	$\mathcal{O}(0; \{3^2, 6^3, 9, 18^5\})$	171072
18	$\mathcal{O}(0; \{2, 6^4, 9, 18^5\})$	85536
18	$\mathcal{O}(0; \{2, 3, 9^4, 18^5\})$	2230740
18	$\mathcal{O}(0; \{2^4, 9^2, 18^6\})$	188082
18	$\mathcal{O}(0; \{3^3, 9^2, 18^6\})$	1504656
18	$\mathcal{O}(0; \{2, 3, 6, 9^2, 18^6\})$	752328
18	$\mathcal{O}(0; \{2^3, 3^2, 18^7\})$	122472
18	$\mathcal{O}(0; \{2^4, 6, 18^7\})$	61236
18	$\mathcal{O}(0; \{3^3, 6, 18^7\})$	489888
18	$\mathcal{O}(0; \{2, 3, 6^2, 18^7\})$	244944
18	$\mathcal{O}(0; \{2^2, 9, 18^8\})$	1115370
18	$\mathcal{O}(0; \{18^{10}\})$	6731586
20	$\mathcal{O}(3; \{5, 20^2\})$	1536000000
20	$\mathcal{O}(2; \{4^2, 5^4\})$	16640000
20	$\mathcal{O}(2; \{2^3, 4^2, 5, 10\})$	1280000
20	$\mathcal{O}(2; \{4^4, 5, 10\})$	5120000
20	$\mathcal{O}(2; \{2, 4^2, 10^3\})$	3840000
20	$\mathcal{O}(2; \{2, 4, 5^2, 10, 20\})$	16640000
20	$\mathcal{O}(2; \{2^4, 5, 20^2\})$	3840000
20	$\mathcal{O}(2; \{2, 4^2, 5, 20^2\})$	15360000
20	$\mathcal{O}(2; \{2^2, 10^2, 20^2\})$	16640000
20	$\mathcal{O}(2; \{10, 20^4\})$	261120000
20	$\mathcal{O}(1; \{2^4, 4^2, 5^4\})$	41600

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{2, 4^4, 5^4\})$	166400
20	$\mathcal{O}(1; \{2^7, 4^2, 5, 10\})$	3200
20	$\mathcal{O}(1; \{2^4, 4^4, 5, 10\})$	12800
20	$\mathcal{O}(1; \{2, 4^6, 5, 10\})$	51200
20	$\mathcal{O}(1; \{2^2, 4^2, 5^3, 10^2\})$	163200
20	$\mathcal{O}(1; \{2^5, 4^2, 10^3\})$	9600
20	$\mathcal{O}(1; \{2^2, 4^4, 10^3\})$	38400
20	$\mathcal{O}(1; \{4^2, 5^2, 10^4\})$	656000
20	$\mathcal{O}(1; \{2^2, 4, 5^5, 20\})$	656000
20	$\mathcal{O}(1; \{2^5, 4, 5^2, 10, 20\})$	41600
20	$\mathcal{O}(1; \{2^2, 4^3, 5^2, 10, 20\})$	166400
20	$\mathcal{O}(1; \{4, 5^4, 10^2, 20\})$	2620800
20	$\mathcal{O}(1; \{2^3, 4, 5, 10^3, 20\})$	163200
20	$\mathcal{O}(1; \{4^3, 5, 10^3, 20\})$	652800
20	$\mathcal{O}(1; \{2, 4, 10^5, 20\})$	656000
20	$\mathcal{O}(1; \{2^8, 5, 20^2\})$	9600
20	$\mathcal{O}(1; \{2^5, 4^2, 5, 20^2\})$	38400
20	$\mathcal{O}(1; \{2^2, 4^4, 5, 20^2\})$	153600
20	$\mathcal{O}(1; \{5^6, 20^2\})$	10486400
20	$\mathcal{O}(1; \{2^3, 5^3, 10, 20^2\})$	656000
20	$\mathcal{O}(1; \{4^2, 5^3, 10, 20^2\})$	2624000
20	$\mathcal{O}(1; \{2^6, 10^2, 20^2\})$	41600
20	$\mathcal{O}(1; \{2^3, 4^2, 10^2, 20^2\})$	166400
20	$\mathcal{O}(1; \{4^4, 10^2, 20^2\})$	665600
20	$\mathcal{O}(1; \{2, 5^2, 10^3, 20^2\})$	2620800
20	$\mathcal{O}(1; \{2^3, 4, 5^2, 20^3\})$	652800
20	$\mathcal{O}(1; \{4^3, 5^2, 20^3\})$	2611200
20	$\mathcal{O}(1; \{2, 4, 5, 10^2, 20^3\})$	2624000
20	$\mathcal{O}(1; \{2, 5^3, 20^4\})$	10483200
20	$\mathcal{O}(1; \{2^4, 10, 20^4\})$	652800
20	$\mathcal{O}(1; \{2, 4^2, 10, 20^4\})$	2611200
20	$\mathcal{O}(1; \{2^2, 20^6\})$	10496000
20	$\mathcal{O}(0; \{2^8, 4^2, 5^4\})$	104
20	$\mathcal{O}(0; \{2^5, 4^4, 5^4\})$	416
20	$\mathcal{O}(0; \{2^2, 4^6, 5^4\})$	1664
20	$\mathcal{O}(0; \{4^2, 5^9\})$	104856
20	$\mathcal{O}(0; \{2^{11}, 4^2, 5, 10\})$	8
20	$\mathcal{O}(0; \{2^8, 4^4, 5, 10\})$	32
20	$\mathcal{O}(0; \{2^5, 4^6, 5, 10\})$	128
20	$\mathcal{O}(0; \{2^2, 4^8, 5, 10\})$	512
20	$\mathcal{O}(0; \{2^3, 4^2, 5^6, 10\})$	6552
20	$\mathcal{O}(0; \{4^4, 5^6, 10\})$	26208
20	$\mathcal{O}(0; \{2^6, 4^2, 5^3, 10^2\})$	408

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Table 8 – continued from previous page

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

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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	$\mathcal{O}(0; \{2^5, 5^2, 10^3, 20^2\})$	6552
20	$\mathcal{O}(0; \{2^2, 4^2, 5^2, 10^3, 20^2\})$	26208
20	$\mathcal{O}(0; \{5^4, 10^4, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^3, 5, 10^5, 20^2\})$	26216
20	$\mathcal{O}(0; \{4^2, 5, 10^5, 20^2\})$	104864
20	$\mathcal{O}(0; \{2, 10^7, 20^2\})$	104856
20	$\mathcal{O}(0; \{2^7, 4, 5^2, 20^3\})$	1632
20	$\mathcal{O}(0; \{2^4, 4^3, 5^2, 20^3\})$	6528
20	$\mathcal{O}(0; \{2, 4^5, 5^2, 20^3\})$	26112
20	$\mathcal{O}(0; \{2^2, 4, 5^4, 10, 20^3\})$	104864
20	$\mathcal{O}(0; \{2^5, 4, 5, 10^2, 20^3\})$	6560
20	$\mathcal{O}(0; \{2^2, 4^3, 5, 10^2, 20^3\})$	26240
20	$\mathcal{O}(0; \{4, 5^3, 10^3, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^3, 4, 10^4, 20^3\})$	26208
20	$\mathcal{O}(0; \{4^3, 10^4, 20^3\})$	104832
20	$\mathcal{O}(0; \{2^5, 5^3, 20^4\})$	26208
20	$\mathcal{O}(0; \{2^2, 4^2, 5^3, 20^4\})$	104832
20	$\mathcal{O}(0; \{2^8, 10, 20^4\})$	1632
20	$\mathcal{O}(0; \{2^5, 4^2, 10, 20^4\})$	6528
20	$\mathcal{O}(0; \{2^2, 4^4, 10, 20^4\})$	26112
20	$\mathcal{O}(0; \{5^5, 10, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^3, 5^2, 10^2, 20^4\})$	104864
20	$\mathcal{O}(0; \{4^2, 5^2, 10^2, 20^4\})$	419456
20	$\mathcal{O}(0; \{2, 5, 10^4, 20^4\})$	419424
20	$\mathcal{O}(0; \{4, 5^4, 20^5\})$	1677696
20	$\mathcal{O}(0; \{2^3, 4, 5, 10, 20^5\})$	104832
20	$\mathcal{O}(0; \{4^3, 5, 10, 20^5\})$	419328
20	$\mathcal{O}(0; \{2, 4, 10^3, 20^5\})$	419456
20	$\mathcal{O}(0; \{2^6, 20^6\})$	26240
20	$\mathcal{O}(0; \{2^3, 4^2, 20^6\})$	104960
20	$\mathcal{O}(0; \{4^4, 20^6\})$	419840
20	$\mathcal{O}(0; \{2, 5^2, 10, 20^6\})$	1677696
20	$\mathcal{O}(0; \{2, 4, 5, 20^7\})$	1677824
21	$\mathcal{O}(2; \{3^4, 7^2\})$	7001316
21	$\mathcal{O}(2; \{3, 7, 21^3\})$	217040796
21	$\mathcal{O}(1; \{3^7, 7^2\})$	111132
21	$\mathcal{O}(1; \{3^3, 7^4, 21\})$	2937060
21	$\mathcal{O}(1; \{3^4, 7, 21^3\})$	3445092
21	$\mathcal{O}(1; \{7^3, 21^4\})$	105813540
21	$\mathcal{O}(1; \{3, 21^6\})$	123467652
21	$\mathcal{O}(0; \{3^{10}, 7^2\})$	2052
21	$\mathcal{O}(0; \{3^6, 7^4, 21\})$	46620
21	$\mathcal{O}(0; \{3^2, 7^6, 21^2\})$	1439676

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
21	$\mathcal{O}(0; \{3^7, 7, 21^3\})$	63612
21	$\mathcal{O}(0; \{3^3, 7^3, 21^4\})$	1679580
21	$\mathcal{O}(0; \{3^4, 21^6\})$	2279772
21	$\mathcal{O}(0; \{7^2, 21^7\})$	60466140
22	$\mathcal{O}(1; \{2^3, 11^4, 22\})$	4399560
22	$\mathcal{O}(1; \{2, 11^3, 22^3\})$	44000440
22	$\mathcal{O}(0; \{2^7, 11^4, 22\})$	9090
22	$\mathcal{O}(0; \{2^5, 11^3, 22^3\})$	90910
22	$\mathcal{O}(0; \{2^3, 11^2, 22^5\})$	909090
22	$\mathcal{O}(0; \{2, 11, 22^7\})$	9090910
23	$\mathcal{O}(2; \{23^4\})$	2850460426
24	$\mathcal{O}(2; \{2, 3^2, 8^2\})$	2654208
24	$\mathcal{O}(2; \{8^2, 12^2\})$	10616832
24	$\mathcal{O}(2; \{6, 8, 12, 24\})$	5308416
24	$\mathcal{O}(2; \{2^2, 3, 24^2\})$	2654208
24	$\mathcal{O}(2; \{6^2, 24^2\})$	7962624
24	$\mathcal{O}(2; \{4, 12, 24^2\})$	10616832
24	$\mathcal{O}(1; \{2^5, 3^2, 8^2\})$	4608
24	$\mathcal{O}(1; \{2, 3^5, 8^2\})$	23040
24	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 8^2\})$	18432
24	$\mathcal{O}(1; \{2^2, 3^3, 6, 8^2\})$	13824
24	$\mathcal{O}(1; \{2^3, 3, 6^2, 8^2\})$	4608
24	$\mathcal{O}(1; \{3, 4^2, 6^2, 8^2\})$	18432
24	$\mathcal{O}(1; \{3^2, 6^3, 8^2\})$	23040
24	$\mathcal{O}(1; \{2, 6^4, 8^2\})$	13824
24	$\mathcal{O}(1; \{3^2, 4, 8^4\})$	147456
24	$\mathcal{O}(1; \{2^3, 3, 4, 8^2, 12\})$	18432
24	$\mathcal{O}(1; \{3, 4^3, 8^2, 12\})$	73728
24	$\mathcal{O}(1; \{3^2, 4, 6, 8^2, 12\})$	55296
24	$\mathcal{O}(1; \{2, 4, 6^2, 8^2, 12\})$	18432
24	$\mathcal{O}(1; \{2, 3, 8^4, 12\})$	147456
24	$\mathcal{O}(1; \{2^4, 8^2, 12^2\})$	18432
24	$\mathcal{O}(1; \{3^3, 8^2, 12^2\})$	92160
24	$\mathcal{O}(1; \{2, 4^2, 8^2, 12^2\})$	73728
24	$\mathcal{O}(1; \{2, 3, 6, 8^2, 12^2\})$	55296
24	$\mathcal{O}(1; \{2^2, 3^3, 4, 8, 24\})$	27648
24	$\mathcal{O}(1; \{2^3, 3, 4, 6, 8, 24\})$	9216
24	$\mathcal{O}(1; \{3, 4^3, 6, 8, 24\})$	36864
24	$\mathcal{O}(1; \{3^2, 4, 6^2, 8, 24\})$	46080
24	$\mathcal{O}(1; \{2, 4, 6^3, 8, 24\})$	27648
24	$\mathcal{O}(1; \{3^3, 8^3, 24\})$	221184
24	$\mathcal{O}(1; \{2, 3, 6, 8^3, 24\})$	73728
24	$\mathcal{O}(1; \{2^3, 3^2, 8, 12, 24\})$	27648

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{3^2, 4^2, 8, 12, 24\})$	110592
24	$\mathcal{O}(1; \{2^4, 6, 8, 12, 24\})$	9216
24	$\mathcal{O}(1; \{3^3, 6, 8, 12, 24\})$	101376
24	$\mathcal{O}(1; \{2, 4^2, 6, 8, 12, 24\})$	36864
24	$\mathcal{O}(1; \{2, 3, 6^2, 8, 12, 24\})$	46080
24	$\mathcal{O}(1; \{2, 3, 4, 8, 12^2, 24\})$	110592
24	$\mathcal{O}(1; \{2^2, 8, 12^3, 24\})$	110592
24	$\mathcal{O}(1; \{2^6, 3, 24^2\})$	4608
24	$\mathcal{O}(1; \{2^2, 3^4, 24^2\})$	50688
24	$\mathcal{O}(1; \{2^3, 3, 4^2, 24^2\})$	18432
24	$\mathcal{O}(1; \{3, 4^4, 24^2\})$	73728
24	$\mathcal{O}(1; \{2^3, 3^2, 6, 24^2\})$	23040
24	$\mathcal{O}(1; \{3^2, 4^2, 6, 24^2\})$	92160
24	$\mathcal{O}(1; \{2^4, 6^2, 24^2\})$	13824
24	$\mathcal{O}(1; \{3^3, 6^2, 24^2\})$	96768
24	$\mathcal{O}(1; \{2, 4^2, 6^2, 24^2\})$	55296
24	$\mathcal{O}(1; \{2, 3, 6^3, 24^2\})$	50688
24	$\mathcal{O}(1; \{2, 3, 4, 8^2, 24^2\})$	147456
24	$\mathcal{O}(1; \{2^4, 4, 12, 24^2\})$	18432
24	$\mathcal{O}(1; \{3^3, 4, 12, 24^2\})$	202752
24	$\mathcal{O}(1; \{2, 4^3, 12, 24^2\})$	73728
24	$\mathcal{O}(1; \{2, 3, 4, 6, 12, 24^2\})$	92160
24	$\mathcal{O}(1; \{2^2, 8^2, 12, 24^2\})$	147456
24	$\mathcal{O}(1; \{2, 3^2, 12^2, 24^2\})$	202752
24	$\mathcal{O}(1; \{2^2, 6, 12^2, 24^2\})$	92160
24	$\mathcal{O}(1; \{12^4, 24^2\})$	811008
24	$\mathcal{O}(1; \{2, 3^2, 8, 24^3\})$	368640
24	$\mathcal{O}(1; \{2^2, 6, 8, 24^3\})$	221184
24	$\mathcal{O}(1; \{8, 12^2, 24^3\})$	1474560
24	$\mathcal{O}(1; \{2^2, 4, 24^4\})$	442368
24	$\mathcal{O}(1; \{8^2, 24^4\})$	3538944
24	$\mathcal{O}(1; \{6, 12, 24^4\})$	1622016
24	$\mathcal{O}(0; \{2^9, 3^2, 8^2\})$	8
24	$\mathcal{O}(0; \{2^5, 3^5, 8^2\})$	40
24	$\mathcal{O}(0; \{2, 3^8, 8^2\})$	344
24	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 8^2\})$	32
24	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 8^2\})$	160
24	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 8^2\})$	128
24	$\mathcal{O}(0; \{3^2, 4^6, 8^2\})$	512
24	$\mathcal{O}(0; \{2^6, 3^3, 6, 8^2\})$	24
24	$\mathcal{O}(0; \{2^2, 3^6, 6, 8^2\})$	168
24	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6, 8^2\})$	96
24	$\mathcal{O}(0; \{3^3, 4^4, 6, 8^2\})$	384

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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	$\mathcal{O}(0; \{2^7, 3, 6^2, 8^2\})$	8
24	$\mathcal{O}(0; \{2^3, 3^4, 6^2, 8^2\})$	88
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^2, 8^2\})$	32
24	$\mathcal{O}(0; \{3^4, 4^2, 6^2, 8^2\})$	352
24	$\mathcal{O}(0; \{2, 3, 4^4, 6^2, 8^2\})$	128
24	$\mathcal{O}(0; \{2^4, 3^2, 6^3, 8^2\})$	40
24	$\mathcal{O}(0; \{3^5, 6^3, 8^2\})$	344
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^3, 8^2\})$	160
24	$\mathcal{O}(0; \{2^5, 6^4, 8^2\})$	24
24	$\mathcal{O}(0; \{2, 3^3, 6^4, 8^2\})$	168
24	$\mathcal{O}(0; \{2^2, 4^2, 6^4, 8^2\})$	96
24	$\mathcal{O}(0; \{2^2, 3, 6^5, 8^2\})$	88
24	$\mathcal{O}(0; \{6^7, 8^2\})$	168
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 8^4\})$	256
24	$\mathcal{O}(0; \{3^5, 4, 8^4\})$	1280
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 8^4\})$	1024
24	$\mathcal{O}(0; \{2, 3^3, 4, 6, 8^4\})$	768
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^2, 8^4\})$	256
24	$\mathcal{O}(0; \{4, 6^4, 8^4\})$	768
24	$\mathcal{O}(0; \{2^2, 3^2, 8^6\})$	2048
24	$\mathcal{O}(0; \{3, 6^2, 8^6\})$	2048
24	$\mathcal{O}(0; \{2^7, 3, 4, 8^2, 12\})$	32
24	$\mathcal{O}(0; \{2^3, 3^4, 4, 8^2, 12\})$	160
24	$\mathcal{O}(0; \{2^4, 3, 4^3, 8^2, 12\})$	128
24	$\mathcal{O}(0; \{3^4, 4^3, 8^2, 12\})$	640
24	$\mathcal{O}(0; \{2, 3, 4^5, 8^2, 12\})$	512
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 6, 8^2, 12\})$	96
24	$\mathcal{O}(0; \{3^5, 4, 6, 8^2, 12\})$	672
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 6, 8^2, 12\})$	384
24	$\mathcal{O}(0; \{2^5, 4, 6^2, 8^2, 12\})$	32
24	$\mathcal{O}(0; \{2, 3^3, 4, 6^2, 8^2, 12\})$	352
24	$\mathcal{O}(0; \{2^2, 4^3, 6^2, 8^2, 12\})$	128
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^3, 8^2, 12\})$	160
24	$\mathcal{O}(0; \{4, 6^5, 8^2, 12\})$	352
24	$\mathcal{O}(0; \{2^5, 3, 8^4, 12\})$	256
24	$\mathcal{O}(0; \{2, 3^4, 8^4, 12\})$	1280
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 8^4, 12\})$	1024
24	$\mathcal{O}(0; \{2^2, 3^2, 6, 8^4, 12\})$	768
24	$\mathcal{O}(0; \{2^3, 6^2, 8^4, 12\})$	256
24	$\mathcal{O}(0; \{4^2, 6^2, 8^4, 12\})$	1024
24	$\mathcal{O}(0; \{3, 6^3, 8^4, 12\})$	1280
24	$\mathcal{O}(0; \{3, 4, 8^6, 12\})$	8192
24	$\mathcal{O}(0; \{2^8, 8^2, 12^2\})$	32

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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	$\mathcal{O}(0; \{2^4, 3^3, 8^2, 12^2\})$	160
24	$\mathcal{O}(0; \{3^6, 8^2, 12^2\})$	1376
24	$\mathcal{O}(0; \{2^5, 4^2, 8^2, 12^2\})$	128
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 8^2, 12^2\})$	640
24	$\mathcal{O}(0; \{2^2, 4^4, 8^2, 12^2\})$	512
24	$\mathcal{O}(0; \{2^5, 3, 6, 8^2, 12^2\})$	96
24	$\mathcal{O}(0; \{2, 3^4, 6, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 8^2, 12^2\})$	384
24	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 8^2, 12^2\})$	352
24	$\mathcal{O}(0; \{2^3, 6^3, 8^2, 12^2\})$	160
24	$\mathcal{O}(0; \{4^2, 6^3, 8^2, 12^2\})$	640
24	$\mathcal{O}(0; \{3, 6^4, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2^3, 4, 8^4, 12^2\})$	1024
24	$\mathcal{O}(0; \{4^3, 8^4, 12^2\})$	4096
24	$\mathcal{O}(0; \{3, 4, 6, 8^4, 12^2\})$	3072
24	$\mathcal{O}(0; \{2, 8^6, 12^2\})$	8192
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 8^2, 12^3\})$	640
24	$\mathcal{O}(0; \{2^3, 4, 6, 8^2, 12^3\})$	384
24	$\mathcal{O}(0; \{4^3, 6, 8^2, 12^3\})$	1536
24	$\mathcal{O}(0; \{3, 4, 6^2, 8^2, 12^3\})$	1408
24	$\mathcal{O}(0; \{3^2, 8^4, 12^3\})$	5120
24	$\mathcal{O}(0; \{2, 6, 8^4, 12^3\})$	3072
24	$\mathcal{O}(0; \{2^3, 3, 8^2, 12^4\})$	640
24	$\mathcal{O}(0; \{3, 4^2, 8^2, 12^4\})$	2560
24	$\mathcal{O}(0; \{3^2, 6, 8^2, 12^4\})$	2688
24	$\mathcal{O}(0; \{2, 6^2, 8^2, 12^4\})$	1408
24	$\mathcal{O}(0; \{2, 4, 8^2, 12^5\})$	2560
24	$\mathcal{O}(0; \{2^6, 3^3, 4, 8, 24\})$	48
24	$\mathcal{O}(0; \{2^2, 3^6, 4, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 8, 24\})$	192
24	$\mathcal{O}(0; \{3^3, 4^5, 8, 24\})$	768
24	$\mathcal{O}(0; \{2^7, 3, 4, 6, 8, 24\})$	16
24	$\mathcal{O}(0; \{2^3, 3^4, 4, 6, 8, 24\})$	176
24	$\mathcal{O}(0; \{2^4, 3, 4^3, 6, 8, 24\})$	64
24	$\mathcal{O}(0; \{3^4, 4^3, 6, 8, 24\})$	704
24	$\mathcal{O}(0; \{2, 3, 4^5, 6, 8, 24\})$	256
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^2, 8, 24\})$	80
24	$\mathcal{O}(0; \{3^5, 4, 6^2, 8, 24\})$	688
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^2, 8, 24\})$	320
24	$\mathcal{O}(0; \{2^5, 4, 6^3, 8, 24\})$	48
24	$\mathcal{O}(0; \{2, 3^3, 4, 6^3, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^2, 4^3, 6^3, 8, 24\})$	192
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^4, 8, 24\})$	176

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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	$\mathcal{O}(0; \{4, 6^6, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^4, 3^3, 8^3, 24\})$	384
24	$\mathcal{O}(0; \{3^6, 8^3, 24\})$	2688
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 8^3, 24\})$	1536
24	$\mathcal{O}(0; \{2^5, 3, 6, 8^3, 24\})$	128
24	$\mathcal{O}(0; \{2, 3^4, 6, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 8^3, 24\})$	512
24	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 8^3, 24\})$	640
24	$\mathcal{O}(0; \{2^3, 6^3, 8^3, 24\})$	384
24	$\mathcal{O}(0; \{4^2, 6^3, 8^3, 24\})$	1536
24	$\mathcal{O}(0; \{3, 6^4, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{3, 4, 6, 8^5, 24\})$	4096
24	$\mathcal{O}(0; \{2^7, 3^2, 8, 12, 24\})$	48
24	$\mathcal{O}(0; \{2^3, 3^5, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 8, 12, 24\})$	192
24	$\mathcal{O}(0; \{3^5, 4^2, 8, 12, 24\})$	1344
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 8, 12, 24\})$	768
24	$\mathcal{O}(0; \{2^8, 6, 8, 12, 24\})$	16
24	$\mathcal{O}(0; \{2^4, 3^3, 6, 8, 12, 24\})$	176
24	$\mathcal{O}(0; \{3^6, 6, 8, 12, 24\})$	1360
24	$\mathcal{O}(0; \{2^5, 4^2, 6, 8, 12, 24\})$	64
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6, 8, 12, 24\})$	704
24	$\mathcal{O}(0; \{2^2, 4^4, 6, 8, 12, 24\})$	256
24	$\mathcal{O}(0; \{2^5, 3, 6^2, 8, 12, 24\})$	80
24	$\mathcal{O}(0; \{2, 3^4, 6^2, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^2, 8, 12, 24\})$	320
24	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{2^3, 6^4, 8, 12, 24\})$	176
24	$\mathcal{O}(0; \{4^2, 6^4, 8, 12, 24\})$	704
24	$\mathcal{O}(0; \{3, 6^5, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 8^3, 12, 24\})$	1536
24	$\mathcal{O}(0; \{2^3, 4, 6, 8^3, 12, 24\})$	512
24	$\mathcal{O}(0; \{4^3, 6, 8^3, 12, 24\})$	2048
24	$\mathcal{O}(0; \{3, 4, 6^2, 8^3, 12, 24\})$	2560
24	$\mathcal{O}(0; \{3^2, 8^5, 12, 24\})$	12288
24	$\mathcal{O}(0; \{2, 6, 8^5, 12, 24\})$	4096
24	$\mathcal{O}(0; \{2^5, 3, 4, 8, 12^2, 24\})$	192
24	$\mathcal{O}(0; \{2, 3^4, 4, 8, 12^2, 24\})$	1344
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 8, 12^2, 24\})$	768
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 8, 12^2, 24\})$	704
24	$\mathcal{O}(0; \{2^3, 4, 6^2, 8, 12^2, 24\})$	320
24	$\mathcal{O}(0; \{4^3, 6^2, 8, 12^2, 24\})$	1280
24	$\mathcal{O}(0; \{3, 4, 6^3, 8, 12^2, 24\})$	1344

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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	$\mathcal{O}(0; \{2^3, 3, 8^3, 12^2, 24\})$	1536
24	$\mathcal{O}(0; \{3, 4^2, 8^3, 12^2, 24\})$	6144
24	$\mathcal{O}(0; \{3^2, 6, 8^3, 12^2, 24\})$	5632
24	$\mathcal{O}(0; \{2, 6^2, 8^3, 12^2, 24\})$	2560
24	$\mathcal{O}(0; \{2^6, 8, 12^3, 24\})$	192
24	$\mathcal{O}(0; \{2^2, 3^3, 8, 12^3, 24\})$	1344
24	$\mathcal{O}(0; \{2^3, 4^2, 8, 12^3, 24\})$	768
24	$\mathcal{O}(0; \{4^4, 8, 12^3, 24\})$	3072
24	$\mathcal{O}(0; \{2^3, 3, 6, 8, 12^3, 24\})$	704
24	$\mathcal{O}(0; \{3, 4^2, 6, 8, 12^3, 24\})$	2816
24	$\mathcal{O}(0; \{3^2, 6^2, 8, 12^3, 24\})$	2752
24	$\mathcal{O}(0; \{2, 6^3, 8, 12^3, 24\})$	1344
24	$\mathcal{O}(0; \{2, 4, 8^3, 12^3, 24\})$	6144
24	$\mathcal{O}(0; \{3^2, 4, 8, 12^4, 24\})$	5376
24	$\mathcal{O}(0; \{2, 4, 6, 8, 12^4, 24\})$	2816
24	$\mathcal{O}(0; \{2, 3, 8, 12^5, 24\})$	5376
24	$\mathcal{O}(0; \{2^{10}, 3, 24^2\})$	8
24	$\mathcal{O}(0; \{2^6, 3^4, 24^2\})$	88
24	$\mathcal{O}(0; \{2^2, 3^7, 24^2\})$	680
24	$\mathcal{O}(0; \{2^7, 3, 4^2, 24^2\})$	32
24	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 24^2\})$	352
24	$\mathcal{O}(0; \{2^4, 3, 4^4, 24^2\})$	128
24	$\mathcal{O}(0; \{3^4, 4^4, 24^2\})$	1408
24	$\mathcal{O}(0; \{2, 3, 4^6, 24^2\})$	512
24	$\mathcal{O}(0; \{2^7, 3^2, 6, 24^2\})$	40
24	$\mathcal{O}(0; \{2^3, 3^5, 6, 24^2\})$	344
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6, 24^2\})$	160
24	$\mathcal{O}(0; \{3^5, 4^2, 6, 24^2\})$	1376
24	$\mathcal{O}(0; \{2, 3^2, 4^4, 6, 24^2\})$	640
24	$\mathcal{O}(0; \{2^8, 6^2, 24^2\})$	24
24	$\mathcal{O}(0; \{2^4, 3^3, 6^2, 24^2\})$	168
24	$\mathcal{O}(0; \{3^6, 6^2, 24^2\})$	1368
24	$\mathcal{O}(0; \{2^5, 4^2, 6^2, 24^2\})$	96
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^2, 24^2\})$	672
24	$\mathcal{O}(0; \{2^2, 4^4, 6^2, 24^2\})$	384
24	$\mathcal{O}(0; \{2^5, 3, 6^3, 24^2\})$	88
24	$\mathcal{O}(0; \{2, 3^4, 6^3, 24^2\})$	680
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^3, 24^2\})$	352
24	$\mathcal{O}(0; \{2^2, 3^2, 6^4, 24^2\})$	344
24	$\mathcal{O}(0; \{2^3, 6^5, 24^2\})$	168
24	$\mathcal{O}(0; \{4^2, 6^5, 24^2\})$	672
24	$\mathcal{O}(0; \{3, 6^6, 24^2\})$	680
24	$\mathcal{O}(0; \{2^5, 3, 4, 8^2, 24^2\})$	256

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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	$\mathcal{O}(0; \{2, 3^4, 4, 8^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 8^2, 24^2\})$	1024
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 8^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^3, 4, 6^2, 8^2, 24^2\})$	768
24	$\mathcal{O}(0; \{4^3, 6^2, 8^2, 24^2\})$	3072
24	$\mathcal{O}(0; \{3, 4, 6^3, 8^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^3, 3, 8^4, 24^2\})$	2048
24	$\mathcal{O}(0; \{3, 4^2, 8^4, 24^2\})$	8192
24	$\mathcal{O}(0; \{3^2, 6, 8^4, 24^2\})$	10240
24	$\mathcal{O}(0; \{2, 6^2, 8^4, 24^2\})$	6144
24	$\mathcal{O}(0; \{2^8, 4, 12, 24^2\})$	32
24	$\mathcal{O}(0; \{2^4, 3^3, 4, 12, 24^2\})$	352
24	$\mathcal{O}(0; \{3^6, 4, 12, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^5, 4^3, 12, 24^2\})$	128
24	$\mathcal{O}(0; \{2, 3^3, 4^3, 12, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^2, 4^5, 12, 24^2\})$	512
24	$\mathcal{O}(0; \{2^5, 3, 4, 6, 12, 24^2\})$	160
24	$\mathcal{O}(0; \{2, 3^4, 4, 6, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 6, 12, 24^2\})$	640
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^2, 12, 24^2\})$	672
24	$\mathcal{O}(0; \{2^3, 4, 6^3, 12, 24^2\})$	352
24	$\mathcal{O}(0; \{4^3, 6^3, 12, 24^2\})$	1408
24	$\mathcal{O}(0; \{3, 4, 6^4, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^6, 8^2, 12, 24^2\})$	256
24	$\mathcal{O}(0; \{2^2, 3^3, 8^2, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^3, 4^2, 8^2, 12, 24^2\})$	1024
24	$\mathcal{O}(0; \{4^4, 8^2, 12, 24^2\})$	4096
24	$\mathcal{O}(0; \{2^3, 3, 6, 8^2, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{3, 4^2, 6, 8^2, 12, 24^2\})$	5120
24	$\mathcal{O}(0; \{3^2, 6^2, 8^2, 12, 24^2\})$	5376
24	$\mathcal{O}(0; \{2, 6^3, 8^2, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{2, 4, 8^4, 12, 24^2\})$	8192
24	$\mathcal{O}(0; \{2^5, 3^2, 12^2, 24^2\})$	352
24	$\mathcal{O}(0; \{2, 3^5, 12^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 12^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^6, 6, 12^2, 24^2\})$	160
24	$\mathcal{O}(0; \{2^2, 3^3, 6, 12^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^3, 4^2, 6, 12^2, 24^2\})$	640
24	$\mathcal{O}(0; \{4^4, 6, 12^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^3, 3, 6^2, 12^2, 24^2\})$	672
24	$\mathcal{O}(0; \{3, 4^2, 6^2, 12^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{3^2, 6^3, 12^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2, 6^4, 12^2, 24^2\})$	1376

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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	$\mathcal{O}(0; \{3^2, 4, 8^2, 12^2, 24^2\})$	11264
24	$\mathcal{O}(0; \{2, 4, 6, 8^2, 12^2, 24^2\})$	5120
24	$\mathcal{O}(0; \{2^3, 3, 4, 12^3, 24^2\})$	1408
24	$\mathcal{O}(0; \{3, 4^3, 12^3, 24^2\})$	5632
24	$\mathcal{O}(0; \{3^2, 4, 6, 12^3, 24^2\})$	5504
24	$\mathcal{O}(0; \{2, 4, 6^2, 12^3, 24^2\})$	2688
24	$\mathcal{O}(0; \{2, 3, 8^2, 12^3, 24^2\})$	11264
24	$\mathcal{O}(0; \{2^4, 12^4, 24^2\})$	1408
24	$\mathcal{O}(0; \{3^3, 12^4, 24^2\})$	10880
24	$\mathcal{O}(0; \{2, 4^2, 12^4, 24^2\})$	5632
24	$\mathcal{O}(0; \{2, 3, 6, 12^4, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^5, 3^2, 8, 24^3\})$	640
24	$\mathcal{O}(0; \{2, 3^5, 8, 24^3\})$	5504
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 8, 24^3\})$	2560
24	$\mathcal{O}(0; \{2^6, 6, 8, 24^3\})$	384
24	$\mathcal{O}(0; \{2^2, 3^3, 6, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{2^3, 4^2, 6, 8, 24^3\})$	1536
24	$\mathcal{O}(0; \{4^4, 6, 8, 24^3\})$	6144
24	$\mathcal{O}(0; \{2^3, 3, 6^2, 8, 24^3\})$	1408
24	$\mathcal{O}(0; \{3, 4^2, 6^2, 8, 24^3\})$	5632
24	$\mathcal{O}(0; \{3^2, 6^3, 8, 24^3\})$	5504
24	$\mathcal{O}(0; \{2, 6^4, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{3^2, 4, 8^3, 24^3\})$	20480
24	$\mathcal{O}(0; \{2, 4, 6, 8^3, 24^3\})$	12288
24	$\mathcal{O}(0; \{2^3, 3, 4, 8, 12, 24^3\})$	2560
24	$\mathcal{O}(0; \{3, 4^3, 8, 12, 24^3\})$	10240
24	$\mathcal{O}(0; \{3^2, 4, 6, 8, 12, 24^3\})$	10752
24	$\mathcal{O}(0; \{2, 4, 6^2, 8, 12, 24^3\})$	5632
24	$\mathcal{O}(0; \{2, 3, 8^3, 12, 24^3\})$	20480
24	$\mathcal{O}(0; \{2^4, 8, 12^2, 24^3\})$	2560
24	$\mathcal{O}(0; \{3^3, 8, 12^2, 24^3\})$	22016
24	$\mathcal{O}(0; \{2, 4^2, 8, 12^2, 24^3\})$	10240
24	$\mathcal{O}(0; \{2, 3, 6, 8, 12^2, 24^3\})$	10752
24	$\mathcal{O}(0; \{2^6, 4, 24^4\})$	768
24	$\mathcal{O}(0; \{2^2, 3^3, 4, 24^4\})$	5376
24	$\mathcal{O}(0; \{2^3, 4^3, 24^4\})$	3072
24	$\mathcal{O}(0; \{4^5, 24^4\})$	12288
24	$\mathcal{O}(0; \{2^3, 3, 4, 6, 24^4\})$	2816
24	$\mathcal{O}(0; \{3, 4^3, 6, 24^4\})$	11264
24	$\mathcal{O}(0; \{3^2, 4, 6^2, 24^4\})$	11008
24	$\mathcal{O}(0; \{2, 4, 6^3, 24^4\})$	5376
24	$\mathcal{O}(0; \{2^4, 8^2, 24^4\})$	6144
24	$\mathcal{O}(0; \{3^3, 8^2, 24^4\})$	43008

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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	$\mathcal{O}(0; \{2, 4^2, 8^2, 24^4\})$	24576
24	$\mathcal{O}(0; \{2, 3, 6, 8^2, 24^4\})$	22528
24	$\mathcal{O}(0; \{2^3, 3^2, 12, 24^4\})$	5376
24	$\mathcal{O}(0; \{3^2, 4^2, 12, 24^4\})$	21504
24	$\mathcal{O}(0; \{2^4, 6, 12, 24^4\})$	2816
24	$\mathcal{O}(0; \{3^3, 6, 12, 24^4\})$	21760
24	$\mathcal{O}(0; \{2, 4^2, 6, 12, 24^4\})$	11264
24	$\mathcal{O}(0; \{2, 3, 6^2, 12, 24^4\})$	11008
24	$\mathcal{O}(0; \{2, 3, 4, 12^2, 24^4\})$	21504
24	$\mathcal{O}(0; \{2^2, 12^3, 24^4\})$	21504
24	$\mathcal{O}(0; \{2, 3, 4, 8, 24^5\})$	45056
24	$\mathcal{O}(0; \{2^2, 8, 12, 24^5\})$	45056
24	$\mathcal{O}(0; \{2, 3^2, 24^6\})$	88064
24	$\mathcal{O}(0; \{2^2, 6, 24^6\})$	43008
24	$\mathcal{O}(0; \{12^2, 24^6\})$	352256
24	$\mathcal{O}(0; \{8, 24^7\})$	688128
25	$\mathcal{O}(0; \{5^2, 25^6\})$	41000000
26	$\mathcal{O}(1; \{2, 13^4, 26\})$	12938640
26	$\mathcal{O}(0; \{2^5, 13^4, 26\})$	19140
26	$\mathcal{O}(0; \{2^3, 13^3, 26^3\})$	229692
26	$\mathcal{O}(0; \{2, 13^2, 26^5\})$	2756292
27	$\mathcal{O}(0; \{3^2, 9^2, 27^4\})$	629856
28	$\mathcal{O}(2; \{7, 28^2\})$	36879360
28	$\mathcal{O}(1; \{2^3, 4^2, 7, 14\})$	9408
28	$\mathcal{O}(1; \{4^4, 7, 14\})$	37632
28	$\mathcal{O}(1; \{2, 4^2, 14^3\})$	47040
28	$\mathcal{O}(1; \{2, 4, 7^3, 28\})$	291648
28	$\mathcal{O}(1; \{2^4, 7, 28^2\})$	47040
28	$\mathcal{O}(1; \{2, 4^2, 7, 28^2\})$	188160
28	$\mathcal{O}(1; \{2^2, 14^2, 28^2\})$	291648
28	$\mathcal{O}(1; \{14, 28^4\})$	6961920
28	$\mathcal{O}(0; \{2^2, 4^2, 7^5\})$	2220
28	$\mathcal{O}(0; \{2^7, 4^2, 7, 14\})$	12
28	$\mathcal{O}(0; \{2^4, 4^4, 7, 14\})$	48
28	$\mathcal{O}(0; \{2, 4^6, 7, 14\})$	192
28	$\mathcal{O}(0; \{4^2, 7^4, 14^2\})$	13332
28	$\mathcal{O}(0; \{2^5, 4^2, 14^3\})$	60
28	$\mathcal{O}(0; \{2^2, 4^4, 14^3\})$	240
28	$\mathcal{O}(0; \{2^5, 4, 7^3, 28\})$	372
28	$\mathcal{O}(0; \{2^2, 4^3, 7^3, 28\})$	1488
28	$\mathcal{O}(0; \{2^3, 4, 7^2, 14^2, 28\})$	2220
28	$\mathcal{O}(0; \{4^3, 7^2, 14^2, 28\})$	8880
28	$\mathcal{O}(0; \{2, 4, 7, 14^4, 28\})$	13332

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{2^8, 7, 28^2\})$	60
28	$\mathcal{O}(0; \{2^5, 4^2, 7, 28^2\})$	240
28	$\mathcal{O}(0; \{2^2, 4^4, 7, 28^2\})$	960
28	$\mathcal{O}(0; \{2, 7^4, 14, 28^2\})$	79980
28	$\mathcal{O}(0; \{2^6, 14^2, 28^2\})$	372
28	$\mathcal{O}(0; \{2^3, 4^2, 14^2, 28^2\})$	1488
28	$\mathcal{O}(0; \{4^4, 14^2, 28^2\})$	5952
28	$\mathcal{O}(0; \{2, 4, 7^2, 14, 28^3\})$	53328
28	$\mathcal{O}(0; \{2^4, 14, 28^4\})$	8880
28	$\mathcal{O}(0; \{2, 4^2, 14, 28^4\})$	35520
28	$\mathcal{O}(0; \{2^2, 28^6\})$	213312
30	$\mathcal{O}(1; \{3^4, 10^2\})$	21600
30	$\mathcal{O}(1; \{2, 3^2, 6, 10^2\})$	7200
30	$\mathcal{O}(1; \{2^2, 6^2, 10^2\})$	7200
30	$\mathcal{O}(1; \{2, 3^2, 5, 10, 15\})$	21600
30	$\mathcal{O}(1; \{2^2, 5, 6, 10, 15\})$	21600
30	$\mathcal{O}(1; \{6, 10^3, 15\})$	93600
30	$\mathcal{O}(1; \{2^2, 5^2, 15^2\})$	93600
30	$\mathcal{O}(1; \{5, 10^2, 15^2\})$	367200
30	$\mathcal{O}(1; \{2^2, 3, 15^3\})$	64800
30	$\mathcal{O}(1; \{6^2, 15^3\})$	108000
30	$\mathcal{O}(1; \{2^2, 3, 10, 15, 30\})$	21600
30	$\mathcal{O}(1; \{6^2, 10, 15, 30\})$	64800
30	$\mathcal{O}(1; \{5, 6, 15^2, 30\})$	280800
30	$\mathcal{O}(1; \{5, 6, 10, 30^2\})$	93600
30	$\mathcal{O}(1; \{5^2, 15, 30^2\})$	367200
30	$\mathcal{O}(1; \{3, 15^2, 30^2\})$	468000
30	$\mathcal{O}(1; \{3, 10, 30^3\})$	280800
30	$\mathcal{O}(0; \{5^6, 6^2\})$	1640
30	$\mathcal{O}(0; \{2, 3^4, 5^3, 10\})$	312
30	$\mathcal{O}(0; \{2^2, 3^2, 5^3, 6, 10\})$	104
30	$\mathcal{O}(0; \{2^3, 5^3, 6^2, 10\})$	104
30	$\mathcal{O}(0; \{3, 5^3, 6^3, 10\})$	312
30	$\mathcal{O}(0; \{2^4, 3^4, 10^2\})$	24
30	$\mathcal{O}(0; \{3^7, 10^2\})$	168
30	$\mathcal{O}(0; \{2^5, 3^2, 6, 10^2\})$	8
30	$\mathcal{O}(0; \{2, 3^5, 6, 10^2\})$	88
30	$\mathcal{O}(0; \{2^6, 6^2, 10^2\})$	8
30	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 10^2\})$	40
30	$\mathcal{O}(0; \{2^3, 3, 6^3, 10^2\})$	24
30	$\mathcal{O}(0; \{3^2, 6^4, 10^2\})$	88
30	$\mathcal{O}(0; \{2, 6^5, 10^2\})$	40
30	$\mathcal{O}(0; \{3^2, 5^2, 6, 10^3\})$	408

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{2, 5^2, 6^2, 10^3\})$	408
30	$\mathcal{O}(0; \{2^2, 3^2, 5^4, 15\})$	408
30	$\mathcal{O}(0; \{2^3, 5^4, 6, 15\})$	408
30	$\mathcal{O}(0; \{3, 5^4, 6^2, 15\})$	1224
30	$\mathcal{O}(0; \{2^5, 3^2, 5, 10, 15\})$	24
30	$\mathcal{O}(0; \{2, 3^5, 5, 10, 15\})$	264
30	$\mathcal{O}(0; \{2^6, 5, 6, 10, 15\})$	24
30	$\mathcal{O}(0; \{2^2, 3^3, 5, 6, 10, 15\})$	120
30	$\mathcal{O}(0; \{2^3, 3, 5, 6^2, 10, 15\})$	72
30	$\mathcal{O}(0; \{3^2, 5, 6^3, 10, 15\})$	264
30	$\mathcal{O}(0; \{2, 5, 6^4, 10, 15\})$	120
30	$\mathcal{O}(0; \{3^2, 5^3, 10^2, 15\})$	1640
30	$\mathcal{O}(0; \{2, 5^3, 6, 10^2, 15\})$	1640
30	$\mathcal{O}(0; \{2^3, 3^2, 10^3, 15\})$	104
30	$\mathcal{O}(0; \{2^4, 6, 10^3, 15\})$	104
30	$\mathcal{O}(0; \{3^3, 6, 10^3, 15\})$	520
30	$\mathcal{O}(0; \{2, 3, 6^2, 10^3, 15\})$	312
30	$\mathcal{O}(0; \{2^6, 5^2, 15^2\})$	104
30	$\mathcal{O}(0; \{2^2, 3^3, 5^2, 15^2\})$	520
30	$\mathcal{O}(0; \{2^3, 3, 5^2, 6, 15^2\})$	312
30	$\mathcal{O}(0; \{3^2, 5^2, 6^2, 15^2\})$	1144
30	$\mathcal{O}(0; \{2, 5^2, 6^3, 15^2\})$	520
30	$\mathcal{O}(0; \{2, 5^4, 10, 15^2\})$	6552
30	$\mathcal{O}(0; \{2^4, 5, 10^2, 15^2\})$	408
30	$\mathcal{O}(0; \{3^3, 5, 10^2, 15^2\})$	2040
30	$\mathcal{O}(0; \{2, 3, 5, 6, 10^2, 15^2\})$	1224
30	$\mathcal{O}(0; \{2^2, 10^4, 15^2\})$	1640
30	$\mathcal{O}(0; \{2^6, 3, 15^3\})$	72
30	$\mathcal{O}(0; \{2^2, 3^4, 15^3\})$	504
30	$\mathcal{O}(0; \{2^3, 3^2, 6, 15^3\})$	264
30	$\mathcal{O}(0; \{2^4, 6^2, 15^3\})$	120
30	$\mathcal{O}(0; \{3^3, 6^2, 15^3\})$	1032
30	$\mathcal{O}(0; \{2, 3, 6^3, 15^3\})$	504
30	$\mathcal{O}(0; \{2, 3, 5^2, 10, 15^3\})$	4920
30	$\mathcal{O}(0; \{2, 3^2, 10, 15^4\})$	4488
30	$\mathcal{O}(0; \{2^2, 6, 10, 15^4\})$	2040
30	$\mathcal{O}(0; \{2^2, 5, 15^5\})$	8200
30	$\mathcal{O}(0; \{10^2, 15^5\})$	32760
30	$\mathcal{O}(0; \{3, 5^5, 6, 30\})$	1640
30	$\mathcal{O}(0; \{2^2, 3^3, 5^2, 10, 30\})$	312
30	$\mathcal{O}(0; \{2^3, 3, 5^2, 6, 10, 30\})$	104
30	$\mathcal{O}(0; \{3^2, 5^2, 6^2, 10, 30\})$	520
30	$\mathcal{O}(0; \{2, 5^2, 6^3, 10, 30\})$	312

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{3^3, 5, 10^3, 30\})$	1224
30	$\mathcal{O}(0; \{2, 3, 5, 6, 10^3, 30\})$	408
30	$\mathcal{O}(0; \{2^3, 3, 5^3, 15, 30\})$	408
30	$\mathcal{O}(0; \{3^2, 5^3, 6, 15, 30\})$	2040
30	$\mathcal{O}(0; \{2, 5^3, 6^2, 15, 30\})$	1224
30	$\mathcal{O}(0; \{2^6, 3, 10, 15, 30\})$	24
30	$\mathcal{O}(0; \{2^2, 3^4, 10, 15, 30\})$	264
30	$\mathcal{O}(0; \{2^3, 3^2, 6, 10, 15, 30\})$	120
30	$\mathcal{O}(0; \{2^4, 6^2, 10, 15, 30\})$	72
30	$\mathcal{O}(0; \{3^3, 6^2, 10, 15, 30\})$	504
30	$\mathcal{O}(0; \{2, 3, 6^3, 10, 15, 30\})$	264
30	$\mathcal{O}(0; \{2, 3, 5^2, 10^2, 15, 30\})$	1640
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 15^2, 30\})$	520
30	$\mathcal{O}(0; \{2^4, 5, 6, 15^2, 30\})$	312
30	$\mathcal{O}(0; \{3^3, 5, 6, 15^2, 30\})$	2184
30	$\mathcal{O}(0; \{2, 3, 5, 6^2, 15^2, 30\})$	1144
30	$\mathcal{O}(0; \{2, 3^2, 10^2, 15^2, 30\})$	2040
30	$\mathcal{O}(0; \{2^2, 6, 10^2, 15^2, 30\})$	1224
30	$\mathcal{O}(0; \{2^2, 5, 10, 15^3, 30\})$	4920
30	$\mathcal{O}(0; \{10^3, 15^3, 30\})$	19656
30	$\mathcal{O}(0; \{6, 15^5, 30\})$	34440
30	$\mathcal{O}(0; \{3^2, 5^4, 30^2\})$	4920
30	$\mathcal{O}(0; \{2, 5^4, 6, 30^2\})$	1640
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 10, 30^2\})$	312
30	$\mathcal{O}(0; \{2^4, 5, 6, 10, 30^2\})$	104
30	$\mathcal{O}(0; \{3^3, 5, 6, 10, 30^2\})$	1144
30	$\mathcal{O}(0; \{2, 3, 5, 6^2, 10, 30^2\})$	520
30	$\mathcal{O}(0; \{2, 3^2, 10^3, 30^2\})$	1224
30	$\mathcal{O}(0; \{2^2, 6, 10^3, 30^2\})$	408
30	$\mathcal{O}(0; \{2^4, 5^2, 15, 30^2\})$	408
30	$\mathcal{O}(0; \{3^3, 5^2, 15, 30^2\})$	4488
30	$\mathcal{O}(0; \{2, 3, 5^2, 6, 15, 30^2\})$	2040
30	$\mathcal{O}(0; \{2^2, 5, 10^2, 15, 30^2\})$	1640
30	$\mathcal{O}(0; \{10^4, 15, 30^2\})$	6552
30	$\mathcal{O}(0; \{2^4, 3, 15^2, 30^2\})$	520
30	$\mathcal{O}(0; \{3^4, 15^2, 30^2\})$	4472
30	$\mathcal{O}(0; \{2, 3^2, 6, 15^2, 30^2\})$	2184
30	$\mathcal{O}(0; \{2^2, 6^2, 15^2, 30^2\})$	1144
30	$\mathcal{O}(0; \{6, 10, 15^3, 30^2\})$	18040
30	$\mathcal{O}(0; \{5, 15^4, 30^2\})$	72072
30	$\mathcal{O}(0; \{2, 3, 5^3, 30^3\})$	4920
30	$\mathcal{O}(0; \{2^4, 3, 10, 30^3\})$	312
30	$\mathcal{O}(0; \{3^4, 10, 30^3\})$	2184

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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	$\mathcal{O}(0; \{2, 3^2, 6, 10, 30^3\})$	1144
30	$\mathcal{O}(0; \{2^2, 6^2, 10, 30^3\})$	520
30	$\mathcal{O}(0; \{2, 3^2, 5, 15, 30^3\})$	4488
30	$\mathcal{O}(0; \{2^2, 5, 6, 15, 30^3\})$	2040
30	$\mathcal{O}(0; \{6, 10^2, 15, 30^3\})$	8200
30	$\mathcal{O}(0; \{5, 10, 15^2, 30^3\})$	32760
30	$\mathcal{O}(0; \{2^2, 5^2, 30^4\})$	4920
30	$\mathcal{O}(0; \{5, 10^2, 30^4\})$	19656
30	$\mathcal{O}(0; \{2^2, 3, 15, 30^4\})$	4488
30	$\mathcal{O}(0; \{6^2, 15, 30^4\})$	8568
30	$\mathcal{O}(0; \{5, 6, 30^5\})$	18040
30	$\mathcal{O}(0; \{3, 30^6\})$	34440
32	$\mathcal{O}(1; \{2^3, 4, 32^2\})$	32768
32	$\mathcal{O}(1; \{4^3, 32^2\})$	131072
32	$\mathcal{O}(1; \{2, 8^2, 32^2\})$	262144
32	$\mathcal{O}(0; \{2^7, 4, 32^2\})$	32
32	$\mathcal{O}(0; \{2^4, 4^3, 32^2\})$	128
32	$\mathcal{O}(0; \{2, 4^5, 32^2\})$	512
32	$\mathcal{O}(0; \{2^5, 8^2, 32^2\})$	256
32	$\mathcal{O}(0; \{2^2, 4^2, 8^2, 32^2\})$	1024
32	$\mathcal{O}(0; \{4, 8^4, 32^2\})$	8192
32	$\mathcal{O}(0; \{2^3, 8, 16^2, 32^2\})$	4096
32	$\mathcal{O}(0; \{4^2, 8, 16^2, 32^2\})$	16384
32	$\mathcal{O}(0; \{2, 16^4, 32^2\})$	65536
32	$\mathcal{O}(0; \{2, 8, 16, 32^4\})$	131072
33	$\mathcal{O}(1; \{3^2, 11^3\})$	196020
33	$\mathcal{O}(0; \{3^5, 11^3\})$	900
33	$\mathcal{O}(0; \{3^2, 11^2, 33^3\})$	90900
34	$\mathcal{O}(2; \{34^2\})$	21381376
34	$\mathcal{O}(1; \{2^4, 34^2\})$	18496
34	$\mathcal{O}(0; \{2^8, 34^2\})$	16
35	$\mathcal{O}(0; \{5^3, 7^4\})$	2232
35	$\mathcal{O}(0; \{5^5, 7, 35\})$	4920
35	$\mathcal{O}(0; \{35^6\})$	5466120
36	$\mathcal{O}(1; \{12^2, 18^2\})$	62208
36	$\mathcal{O}(1; \{9, 12, 18, 36\})$	93312
36	$\mathcal{O}(1; \{9^2, 36^2\})$	419904
36	$\mathcal{O}(1; \{6, 18, 36^2\})$	93312
36	$\mathcal{O}(0; \{3, 4^2, 9^4\})$	648
36	$\mathcal{O}(0; \{2, 4, 9^4, 12\})$	648
36	$\mathcal{O}(0; \{2^3, 4^2, 9^2, 18\})$	36
36	$\mathcal{O}(0; \{4^4, 9^2, 18\})$	144
36	$\mathcal{O}(0; \{3, 4^2, 6, 9^2, 18\})$	144

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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	$\mathcal{O}(0; \{3^2, 4, 9^2, 12, 18\})$	288
36	$\mathcal{O}(0; \{2, 4, 6, 9^2, 12, 18\})$	144
36	$\mathcal{O}(0; \{2, 3, 9^2, 12^2, 18\})$	288
36	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 18^2\})$	48
36	$\mathcal{O}(0; \{2^3, 4^2, 6, 18^2\})$	24
36	$\mathcal{O}(0; \{4^4, 6, 18^2\})$	96
36	$\mathcal{O}(0; \{3, 4^2, 6^2, 18^2\})$	96
36	$\mathcal{O}(0; \{2^3, 3, 4, 12, 18^2\})$	48
36	$\mathcal{O}(0; \{3, 4^3, 12, 18^2\})$	192
36	$\mathcal{O}(0; \{3^2, 4, 6, 12, 18^2\})$	192
36	$\mathcal{O}(0; \{2, 4, 6^2, 12, 18^2\})$	96
36	$\mathcal{O}(0; \{2^4, 12^2, 18^2\})$	48
36	$\mathcal{O}(0; \{3^3, 12^2, 18^2\})$	384
36	$\mathcal{O}(0; \{2, 4^2, 12^2, 18^2\})$	192
36	$\mathcal{O}(0; \{2, 3, 6, 12^2, 18^2\})$	192
36	$\mathcal{O}(0; \{2, 4^2, 9, 18^3\})$	324
36	$\mathcal{O}(0; \{3^2, 4, 9^3, 36\})$	1296
36	$\mathcal{O}(0; \{2, 4, 6, 9^3, 36\})$	648
36	$\mathcal{O}(0; \{2, 3, 9^3, 12, 36\})$	1296
36	$\mathcal{O}(0; \{2^3, 3, 4, 9, 18, 36\})$	72
36	$\mathcal{O}(0; \{3, 4^3, 9, 18, 36\})$	288
36	$\mathcal{O}(0; \{3^2, 4, 6, 9, 18, 36\})$	288
36	$\mathcal{O}(0; \{2, 4, 6^2, 9, 18, 36\})$	144
36	$\mathcal{O}(0; \{2^4, 9, 12, 18, 36\})$	72
36	$\mathcal{O}(0; \{3^3, 9, 12, 18, 36\})$	576
36	$\mathcal{O}(0; \{2, 4^2, 9, 12, 18, 36\})$	288
36	$\mathcal{O}(0; \{2, 3, 6, 9, 12, 18, 36\})$	288
36	$\mathcal{O}(0; \{2, 3, 4, 18^3, 36\})$	648
36	$\mathcal{O}(0; \{2^2, 12, 18^3, 36\})$	648
36	$\mathcal{O}(0; \{2^4, 9^2, 36^2\})$	324
36	$\mathcal{O}(0; \{3^3, 9^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{2, 4^2, 9^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{2, 3, 6, 9^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{2^3, 3^2, 18, 36^2\})$	144
36	$\mathcal{O}(0; \{3^2, 4^2, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{2^4, 6, 18, 36^2\})$	72
36	$\mathcal{O}(0; \{3^3, 6, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{2, 4^2, 6, 18, 36^2\})$	288
36	$\mathcal{O}(0; \{2, 3, 6^2, 18, 36^2\})$	288
36	$\mathcal{O}(0; \{2, 3, 4, 12, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{2^2, 12^2, 18, 36^2\})$	576
36	$\mathcal{O}(0; \{2^2, 9, 18^2, 36^2\})$	1620
36	$\mathcal{O}(0; \{18^4, 36^2\})$	10692

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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	$\mathcal{O}(0; \{2, 3, 4, 9, 36^3\})$	2592
36	$\mathcal{O}(0; \{2^2, 9, 12, 36^3\})$	2592
36	$\mathcal{O}(0; \{12, 18^2, 36^3\})$	12960
36	$\mathcal{O}(0; \{2, 3^2, 36^4\})$	5184
36	$\mathcal{O}(0; \{2^2, 6, 36^4\})$	2592
36	$\mathcal{O}(0; \{12^2, 36^4\})$	20736
36	$\mathcal{O}(0; \{9, 18, 36^4\})$	42768
39	$\mathcal{O}(0; \{3^4, 13^3\})$	792
39	$\mathcal{O}(0; \{3, 13^2, 39^3\})$	114840
40	$\mathcal{O}(1; \{5^2, 8^2\})$	25600
40	$\mathcal{O}(1; \{2, 10, 40^2\})$	76800
40	$\mathcal{O}(0; \{2^4, 5^2, 8^2\})$	16
40	$\mathcal{O}(0; \{2, 4^2, 5^2, 8^2\})$	64
40	$\mathcal{O}(0; \{2^2, 5, 8^2, 10^2\})$	48
40	$\mathcal{O}(0; \{8^2, 10^4\})$	208
40	$\mathcal{O}(0; \{2^2, 4, 8^2, 10, 20\})$	64
40	$\mathcal{O}(0; \{8^4, 10, 20\})$	512
40	$\mathcal{O}(0; \{5, 8^2, 10, 20^2\})$	832
40	$\mathcal{O}(0; \{4, 8^2, 20^3\})$	768
40	$\mathcal{O}(0; \{2^2, 5^2, 8, 10, 40\})$	208
40	$\mathcal{O}(0; \{5, 8, 10^3, 40\})$	816
40	$\mathcal{O}(0; \{2^2, 4, 5, 8, 20, 40\})$	192
40	$\mathcal{O}(0; \{5, 8^3, 20, 40\})$	1536
40	$\mathcal{O}(0; \{4, 8, 10^2, 20, 40\})$	832
40	$\mathcal{O}(0; \{5^2, 8, 20^2, 40\})$	3264
40	$\mathcal{O}(0; \{2^2, 5^3, 40^2\})$	816
40	$\mathcal{O}(0; \{2^5, 10, 40^2\})$	48
40	$\mathcal{O}(0; \{2^2, 4^2, 10, 40^2\})$	192
40	$\mathcal{O}(0; \{4, 8^2, 10, 40^2\})$	1536
40	$\mathcal{O}(0; \{5^2, 10^2, 40^2\})$	3280
40	$\mathcal{O}(0; \{4, 5, 10, 20, 40^2\})$	3264
40	$\mathcal{O}(0; \{2^3, 20^2, 40^2\})$	832
40	$\mathcal{O}(0; \{4^2, 20^2, 40^2\})$	3328
40	$\mathcal{O}(0; \{4, 5, 8, 40^3\})$	6656
40	$\mathcal{O}(0; \{2, 20, 40^4\})$	26112
42	$\mathcal{O}(1; \{3^2, 14^2\})$	21168
42	$\mathcal{O}(0; \{2^4, 3^2, 14^2\})$	12
42	$\mathcal{O}(0; \{3^5, 14^2\})$	60
42	$\mathcal{O}(0; \{2, 3^3, 6, 14^2\})$	36
42	$\mathcal{O}(0; \{2^2, 3, 6^2, 14^2\})$	12
42	$\mathcal{O}(0; \{6^4, 14^2\})$	36
42	$\mathcal{O}(0; \{2^2, 3, 7^3, 21\})$	372
42	$\mathcal{O}(0; \{6^2, 7^3, 21\})$	372

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{3, 7^2, 14^2, 21\})$	2220
42	$\mathcal{O}(0; \{2^3, 7, 14, 21^2\})$	372
42	$\mathcal{O}(0; \{3, 6, 7, 14, 21^2\})$	1116
42	$\mathcal{O}(0; \{2, 14^3, 21^2\})$	2220
42	$\mathcal{O}(0; \{2^2, 3^2, 21^3\})$	300
42	$\mathcal{O}(0; \{2^3, 6, 21^3\})$	180
42	$\mathcal{O}(0; \{3, 6^2, 21^3\})$	660
42	$\mathcal{O}(0; \{2, 3^3, 7^2, 42\})$	180
42	$\mathcal{O}(0; \{2^2, 3, 6, 7^2, 42\})$	60
42	$\mathcal{O}(0; \{6^3, 7^2, 42\})$	180
42	$\mathcal{O}(0; \{3, 6, 7, 14^2, 42\})$	372
42	$\mathcal{O}(0; \{2^2, 3^2, 14, 21, 42\})$	180
42	$\mathcal{O}(0; \{2^3, 6, 14, 21, 42\})$	60
42	$\mathcal{O}(0; \{3, 6^2, 14, 21, 42\})$	300
42	$\mathcal{O}(0; \{2, 7, 21^3, 42\})$	6660
42	$\mathcal{O}(0; \{3, 7^3, 42^2\})$	2220
42	$\mathcal{O}(0; \{2, 7, 14, 21, 42^2\})$	2220
42	$\mathcal{O}(0; \{3^2, 21^2, 42^2\})$	4092
42	$\mathcal{O}(0; \{2, 6, 21^2, 42^2\})$	1860
42	$\mathcal{O}(0; \{3^2, 14, 42^3\})$	1860
42	$\mathcal{O}(0; \{2, 6, 14, 42^3\})$	1116
44	$\mathcal{O}(0; \{2^3, 4, 11^2, 44\})$	180
44	$\mathcal{O}(0; \{4^3, 11^2, 44\})$	720
44	$\mathcal{O}(0; \{2, 4, 11, 22^2, 44\})$	1820
45	$\mathcal{O}(0; \{5^4, 9^2\})$	312
45	$\mathcal{O}(0; \{3, 5^2, 9^2, 15\})$	288
45	$\mathcal{O}(0; \{3^2, 9^2, 15^2\})$	384
45	$\mathcal{O}(0; \{3^2, 5, 9, 45^2\})$	864
46	$\mathcal{O}(1; \{2^2, 23^2\})$	46552
46	$\mathcal{O}(1; \{23, 46^2\})$	977592
46	$\mathcal{O}(0; \{2^6, 23^2\})$	22
46	$\mathcal{O}(0; \{2^4, 23, 46^2\})$	462
46	$\mathcal{O}(0; \{2^2, 46^4\})$	10186
48	$\mathcal{O}(1; \{6, 48^2\})$	36864
48	$\mathcal{O}(0; \{3^2, 4, 6, 16^2\})$	32
48	$\mathcal{O}(0; \{2, 4, 6^2, 16^2\})$	32
48	$\mathcal{O}(0; \{3^3, 12, 16^2\})$	96
48	$\mathcal{O}(0; \{2, 3, 6, 12, 16^2\})$	32
48	$\mathcal{O}(0; \{2^2, 16^2, 24^2\})$	256
48	$\mathcal{O}(0; \{3^3, 8, 16, 48\})$	192
48	$\mathcal{O}(0; \{2, 3, 6, 8, 16, 48\})$	64
48	$\mathcal{O}(0; \{2, 3, 4, 16, 24, 48\})$	128
48	$\mathcal{O}(0; \{2^2, 12, 16, 24, 48\})$	128

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{16, 24^3, 48\})$	3072
48	$\mathcal{O}(0; \{2^3, 3^2, 48^2\})$	48
48	$\mathcal{O}(0; \{3^2, 4^2, 48^2\})$	192
48	$\mathcal{O}(0; \{2^4, 6, 48^2\})$	16
48	$\mathcal{O}(0; \{3^3, 6, 48^2\})$	176
48	$\mathcal{O}(0; \{2, 4^2, 6, 48^2\})$	64
48	$\mathcal{O}(0; \{2, 3, 6^2, 48^2\})$	80
48	$\mathcal{O}(0; \{2, 3, 4, 12, 48^2\})$	192
48	$\mathcal{O}(0; \{2^2, 12^2, 48^2\})$	192
48	$\mathcal{O}(0; \{2^2, 8, 24, 48^2\})$	256
48	$\mathcal{O}(0; \{16^2, 24, 48^2\})$	4096
48	$\mathcal{O}(0; \{12, 24^2, 48^2\})$	2560
48	$\mathcal{O}(0; \{12, 16, 48^3\})$	6144
48	$\mathcal{O}(0; \{8, 48^4\})$	12288
50	$\mathcal{O}(0; \{2^2, 5, 25^3\})$	1200
50	$\mathcal{O}(0; \{10^2, 25^3\})$	4800
50	$\mathcal{O}(0; \{5, 25^2, 50^2\})$	26000
51	$\mathcal{O}(1; \{3, 51^2\})$	83232
51	$\mathcal{O}(0; \{3^4, 51^2\})$	352
52	$\mathcal{O}(0; \{2^2, 4, 13^2, 52\})$	264
52	$\mathcal{O}(0; \{4, 13, 26^2, 52\})$	3192
54	$\mathcal{O}(0; \{2^2, 3, 9, 27^2\})$	216
54	$\mathcal{O}(0; \{6^2, 9, 27^2\})$	432
54	$\mathcal{O}(0; \{3, 18^2, 27^2\})$	1296
54	$\mathcal{O}(0; \{3, 9, 27, 54^2\})$	1944
56	$\mathcal{O}(0; \{7^2, 8^2, 14\})$	120
56	$\mathcal{O}(0; \{4, 8^2, 14, 28\})$	96
56	$\mathcal{O}(0; \{4, 7, 8, 14, 56\})$	240
56	$\mathcal{O}(0; \{2^3, 14, 56^2\})$	120
56	$\mathcal{O}(0; \{4^2, 14, 56^2\})$	480
56	$\mathcal{O}(0; \{2, 28^2, 56^2\})$	2976
60	$\mathcal{O}(0; \{5^3, 12^2\})$	48
60	$\mathcal{O}(0; \{4, 5, 6, 12, 15\})$	16
60	$\mathcal{O}(0; \{3, 5, 12^2, 15\})$	48
60	$\mathcal{O}(0; \{3, 5, 10, 12, 20\})$	48
60	$\mathcal{O}(0; \{3, 4, 15^2, 20\})$	48
60	$\mathcal{O}(0; \{2, 12, 15^2, 20\})$	48
60	$\mathcal{O}(0; \{2^2, 3^2, 20^2\})$	16
60	$\mathcal{O}(0; \{3, 6^2, 20^2\})$	16
60	$\mathcal{O}(0; \{3, 4, 12, 20^2\})$	64
60	$\mathcal{O}(0; \{2, 12^2, 20^2\})$	64
60	$\mathcal{O}(0; \{4, 5^2, 12, 30\})$	48
60	$\mathcal{O}(0; \{4^2, 6, 15, 30\})$	16

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{3, 4, 12, 15, 30\})$	48
60	$\mathcal{O}(0; \{2, 12^2, 15, 30\})$	48
60	$\mathcal{O}(0; \{3, 4, 10, 20, 30\})$	48
60	$\mathcal{O}(0; \{2, 10, 12, 20, 30\})$	48
60	$\mathcal{O}(0; \{4^2, 5, 30^2\})$	48
60	$\mathcal{O}(0; \{3, 4, 10, 15, 60\})$	48
60	$\mathcal{O}(0; \{2, 10, 12, 15, 60\})$	48
60	$\mathcal{O}(0; \{3, 5, 6, 20, 60\})$	48
60	$\mathcal{O}(0; \{3^2, 20, 30, 60\})$	144
60	$\mathcal{O}(0; \{2, 6, 20, 30, 60\})$	48
60	$\mathcal{O}(0; \{3, 5^2, 60^2\})$	208
60	$\mathcal{O}(0; \{3^2, 15, 60^2\})$	240
60	$\mathcal{O}(0; \{2, 6, 15, 60^2\})$	144
60	$\mathcal{O}(0; \{2, 5, 30, 60^2\})$	208
64	$\mathcal{O}(0; \{2, 4, 8, 64^2\})$	256
66	$\mathcal{O}(0; \{3^2, 6, 11, 22\})$	20
66	$\mathcal{O}(0; \{2, 6^2, 11, 22\})$	20
66	$\mathcal{O}(0; \{2, 3, 11, 33, 66\})$	180
67	$\mathcal{O}(2; \emptyset)$	20151120
68	$\mathcal{O}(1; \{68^2\})$	147968
68	$\mathcal{O}(0; \{2^4, 68^2\})$	32
68	$\mathcal{O}(0; \{2, 4^2, 68^2\})$	128
69	$\mathcal{O}(0; \{3^3, 23, 69\})$	132
69	$\mathcal{O}(0; \{69^4\})$	61116
70	$\mathcal{O}(0; \{2, 5, 7^2, 10\})$	24
70	$\mathcal{O}(0; \{2^2, 35^3\})$	360
70	$\mathcal{O}(0; \{35^2, 70^2\})$	9672
72	$\mathcal{O}(0; \{24^2, 36^2\})$	384
72	$\mathcal{O}(0; \{18, 24, 36, 72\})$	288
72	$\mathcal{O}(0; \{2^2, 9, 72^2\})$	72
72	$\mathcal{O}(0; \{18^2, 72^2\})$	648
72	$\mathcal{O}(0; \{12, 36, 72^2\})$	576
75	$\mathcal{O}(0; \{15^2, 25^2\})$	640
77	$\mathcal{O}(0; \{7, 11, 77^2\})$	2700
78	$\mathcal{O}(0; \{2, 3^2, 13, 26\})$	24
78	$\mathcal{O}(0; \{6, 13, 39, 78\})$	264
80	$\mathcal{O}(0; \{10^2, 16^2\})$	32
80	$\mathcal{O}(0; \{5, 16, 20, 80\})$	192
80	$\mathcal{O}(0; \{5, 10, 80^2\})$	416
80	$\mathcal{O}(0; \{4, 20, 80^2\})$	384
84	$\mathcal{O}(0; \{6^2, 28^2\})$	24
84	$\mathcal{O}(0; \{4, 12, 21, 42\})$	24
84	$\mathcal{O}(0; \{6, 7, 12, 84\})$	24

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
84	$\mathcal{O}(0; \{3, 28, 42, 84\})$	120
84	$\mathcal{O}(0; \{3, 21, 84^2\})$	360
85	$\mathcal{O}(0; \{5^2, 85^2\})$	832
88	$\mathcal{O}(0; \{4, 8, 11, 88\})$	80
90	$\mathcal{O}(0; \{5^2, 18^2\})$	24
90	$\mathcal{O}(0; \{3, 10, 18, 45\})$	48
92	$\mathcal{O}(0; \{4^2, 46^2\})$	44
92	$\mathcal{O}(0; \{2, 46, 92^2\})$	924
96	$\mathcal{O}(0; \{3, 4, 96^2\})$	64
96	$\mathcal{O}(0; \{2, 12, 96^2\})$	64
102	$\mathcal{O}(0; \{3^2, 102^2\})$	96
102	$\mathcal{O}(0; \{2, 6, 102^2\})$	32
104	$\mathcal{O}(0; \{2, 8, 13, 104\})$	48
105	$\mathcal{O}(0; \{3^2, 35^2\})$	48
134	$\mathcal{O}(1; \{2^2\})$	17952
136	$\mathcal{O}(0; \{2^2, 136^2\})$	64
137	$\mathcal{O}(0; \{137^3\})$	18360
138	$\mathcal{O}(0; \{2^2, 69^2\})$	44
138	$\mathcal{O}(0; \{69, 138^2\})$	924
140	$\mathcal{O}(0; \{35, 140^2\})$	720
144	$\mathcal{O}(0; \{18, 144^2\})$	144
153	$\mathcal{O}(0; \{9, 153^2\})$	288
154	$\mathcal{O}(0; \{14, 22, 77\})$	60
170	$\mathcal{O}(0; \{5, 170^2\})$	192
204	$\mathcal{O}(0; \{3, 204^2\})$	64
272	$\mathcal{O}(0; \{2, 272^2\})$	128
274	$\mathcal{O}(0; \{2, 137, 274\})$	136

Table 9: 69-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(69; \emptyset)$	1
2	$\mathcal{O}(35; \emptyset)$	1180591620717411303423
2	$\mathcal{O}(34; \{2^4\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^8\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{12}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{16}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{20}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{24}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{28}\})$	72057594037927936
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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	$\mathcal{O}(27; \{2^{32}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{36}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{40}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{44}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{48}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{52}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{56}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{60}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{64}\})$	274877906944
2	$\mathcal{O}(18; \{2^{68}\})$	68719476736
2	$\mathcal{O}(17; \{2^{72}\})$	17179869184
2	$\mathcal{O}(16; \{2^{76}\})$	4294967296
2	$\mathcal{O}(15; \{2^{80}\})$	1073741824
2	$\mathcal{O}(14; \{2^{84}\})$	268435456
2	$\mathcal{O}(13; \{2^{88}\})$	67108864
2	$\mathcal{O}(12; \{2^{92}\})$	16777216
2	$\mathcal{O}(11; \{2^{96}\})$	4194304
2	$\mathcal{O}(10; \{2^{100}\})$	1048576
2	$\mathcal{O}(9; \{2^{104}\})$	262144
2	$\mathcal{O}(8; \{2^{108}\})$	65536
2	$\mathcal{O}(7; \{2^{112}\})$	16384
2	$\mathcal{O}(6; \{2^{116}\})$	4096
2	$\mathcal{O}(5; \{2^{120}\})$	1024
2	$\mathcal{O}(4; \{2^{124}\})$	256
2	$\mathcal{O}(3; \{2^{128}\})$	64
2	$\mathcal{O}(2; \{2^{132}\})$	16
2	$\mathcal{O}(1; \{2^{136}\})$	4
2	$\mathcal{O}(0; \{2^{140}\})$	1
3	$\mathcal{O}(23; \{3^2\})$	17725876239305002191858
3	$\mathcal{O}(22; \{3^5\})$	9847709021836112328810
3	$\mathcal{O}(21; \{3^8\})$	9410033065310062891974
3	$\mathcal{O}(20; \{3^{11}\})$	8291527843076825442282
3	$\mathcal{O}(19; \{3^{14}\})$	7378352081929882790118
3	$\mathcal{O}(18; \{3^{17}\})$	6557634616125891596490
3	$\mathcal{O}(17; \{3^{20}\})$	5829108610757657196294
3	$\mathcal{O}(16; \{3^{23}\})$	5181418758107895507882
3	$\mathcal{O}(15; \{3^{26}\})$	4605706798109366352678
3	$\mathcal{O}(14; \{3^{29}\})$	4093961461058682028170
3	$\mathcal{O}(13; \{3^{32}\})$	3639076869525578995014
3	$\mathcal{O}(12; \{3^{35}\})$	3234734993439270776682
3	$\mathcal{O}(11; \{3^{38}\})$	2875319994356527048038
3	$\mathcal{O}(10; \{3^{41}\})$	2555839994962658891850
3	$\mathcal{O}(9; \{3^{44}\})$	2271857773302465760134

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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	$\mathcal{O}(8; \{3^{47}\})$	2019429131824155728682
3	$\mathcal{O}(7; \{3^{50}\})$	1795048117177056012198
3	$\mathcal{O}(6; \{3^{53}\})$	1595598326379602155530
3	$\mathcal{O}(5; \{3^{56}\})$	1418309623448535603654
3	$\mathcal{O}(4; \{3^{59}\})$	1260719665287587163882
3	$\mathcal{O}(3; \{3^{62}\})$	1120639702477855261158
3	$\mathcal{O}(2; \{3^{65}\})$	996124179980315787210
3	$\mathcal{O}(1; \{3^{68}\})$	885443715538058477574
3	$\mathcal{O}(0; \{3^{71}\})$	787061080478274202282
4	$\mathcal{O}(18; \emptyset)$	4722366482800925736960
4	$\mathcal{O}(17; \{2^4\})$	295147905162172956672
4	$\mathcal{O}(17; \{2, 4^2\})$	590295810358705651712
4	$\mathcal{O}(16; \{2^8\})$	18446744069414584320
4	$\mathcal{O}(16; \{2^5, 4^2\})$	36893488147419103232
4	$\mathcal{O}(16; \{2^2, 4^4\})$	147573952589676412928
4	$\mathcal{O}(15; \{2^{12}\})$	1152921503533105152
4	$\mathcal{O}(15; \{2^9, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2^6, 4^4\})$	9223372036854775808
4	$\mathcal{O}(15; \{2^3, 4^6\})$	36893488147419103232
4	$\mathcal{O}(15; \{4^8\})$	147573952589676412928
4	$\mathcal{O}(14; \{2^{16}\})$	72057593769492480
4	$\mathcal{O}(14; \{2^{13}, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^{10}, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^7, 4^6\})$	2305843009213693952
4	$\mathcal{O}(14; \{2^4, 4^8\})$	9223372036854775808
4	$\mathcal{O}(14; \{2, 4^{10}\})$	36893488147419103232
4	$\mathcal{O}(13; \{2^{20}\})$	4503599560261632
4	$\mathcal{O}(13; \{2^{17}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^{14}, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^{11}, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^8, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{2^5, 4^{10}\})$	2305843009213693952
4	$\mathcal{O}(13; \{2^2, 4^{12}\})$	9223372036854775808
4	$\mathcal{O}(12; \{2^{24}\})$	281474959933440
4	$\mathcal{O}(12; \{2^{21}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{18}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{15}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^{12}, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^9, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2^6, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(12; \{2^3, 4^{14}\})$	2305843009213693952
4	$\mathcal{O}(12; \{4^{16}\})$	9223372036854775808
4	$\mathcal{O}(11; \{2^{28}\})$	17592181850112

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

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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	$\mathcal{O}(8; \{2^{10}, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^7, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(8; \{2^4, 4^{24}\})$	36028797018963968
4	$\mathcal{O}(8; \{2, 4^{26}\})$	144115188075855872
4	$\mathcal{O}(7; \{2^{44}\})$	268419072
4	$\mathcal{O}(7; \{2^{41}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{38}, 4^4\})$	2147483648
4	$\mathcal{O}(7; \{2^{35}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{32}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{29}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{26}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{23}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{20}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{17}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^{14}, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^{11}, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^8, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(7; \{2^5, 4^{26}\})$	9007199254740992
4	$\mathcal{O}(7; \{2^2, 4^{28}\})$	36028797018963968
4	$\mathcal{O}(6; \{2^{48}\})$	16773120
4	$\mathcal{O}(6; \{2^{45}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{42}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{39}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{36}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{33}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{30}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{27}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{24}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{21}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{18}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{15}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^{12}, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^9, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2^6, 4^{28}\})$	2251799813685248
4	$\mathcal{O}(6; \{2^3, 4^{30}\})$	9007199254740992
4	$\mathcal{O}(6; \{4^{32}\})$	36028797018963968
4	$\mathcal{O}(5; \{2^{52}\})$	1047552
4	$\mathcal{O}(5; \{2^{49}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{46}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{43}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{40}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{37}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{34}, 4^{12}\})$	2147483648

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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	$\mathcal{O}(5; \{2^{31}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{28}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{25}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{22}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{19}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{16}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^{13}, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^{10}, 4^{28}\})$	140737488355328
4	$\mathcal{O}(5; \{2^7, 4^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{2^4, 4^{32}\})$	2251799813685248
4	$\mathcal{O}(5; \{2, 4^{34}\})$	9007199254740992
4	$\mathcal{O}(4; \{2^{56}\})$	65280
4	$\mathcal{O}(4; \{2^{53}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{50}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{47}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{44}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{41}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{38}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{35}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{32}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{29}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{26}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{23}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{20}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{17}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^{14}, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^{11}, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^8, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{2^5, 4^{34}\})$	562949953421312
4	$\mathcal{O}(4; \{2^2, 4^{36}\})$	2251799813685248
4	$\mathcal{O}(3; \{2^{60}\})$	4032
4	$\mathcal{O}(3; \{2^{57}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{54}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{51}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{48}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{45}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{42}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{39}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{36}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{33}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{30}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{27}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{24}, 4^{24}\})$	34359738368

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{2^{21}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{18}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{15}, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^{12}, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^9, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{2^6, 4^{36}\})$	140737488355328
4	$\mathcal{O}(3; \{2^3, 4^{38}\})$	562949953421312
4	$\mathcal{O}(3; \{4^{40}\})$	2251799813685248
4	$\mathcal{O}(2; \{2^{64}\})$	240
4	$\mathcal{O}(2; \{2^{61}, 4^2\})$	512
4	$\mathcal{O}(2; \{2^{58}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{55}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{52}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{49}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{46}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{43}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{40}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{37}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{34}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{31}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{28}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{25}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{22}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{19}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{16}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^{13}, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^{10}, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^7, 4^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{2^4, 4^{40}\})$	140737488355328
4	$\mathcal{O}(2; \{2, 4^{42}\})$	562949953421312
4	$\mathcal{O}(1; \{2^{68}\})$	12
4	$\mathcal{O}(1; \{2^{65}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{62}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{59}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{56}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{53}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{50}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{47}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{44}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{41}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{38}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{35}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{32}, 4^{24}\})$	134217728

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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	$\mathcal{O}(1; \{2^{29}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{26}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{23}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{20}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{17}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^{14}, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^{11}, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^8, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{2^5, 4^{42}\})$	35184372088832
4	$\mathcal{O}(1; \{2^2, 4^{44}\})$	140737488355328
4	$\mathcal{O}(0; \{2^{69}, 4^2\})$	2
4	$\mathcal{O}(0; \{2^{66}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{63}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{60}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{57}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{54}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{51}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{48}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{45}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{42}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{39}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{36}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{33}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{30}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{27}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{24}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{21}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{18}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{15}, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^{12}, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^9, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2^6, 4^{44}\})$	8796093022208
4	$\mathcal{O}(0; \{2^3, 4^{46}\})$	35184372088832
4	$\mathcal{O}(0; \{4^{48}\})$	140737488355328
5	$\mathcal{O}(13; \{5^4\})$	77486038208007812500
5	$\mathcal{O}(11; \{5^9\})$	124998092651367187500
5	$\mathcal{O}(9; \{5^{14}\})$	204800003051757812500
5	$\mathcal{O}(7; \{5^{19}\})$	335544319995117187500
5	$\mathcal{O}(5; \{5^{24}\})$	549755813888007812500
5	$\mathcal{O}(3; \{5^{29}\})$	900719925474099187500
5	$\mathcal{O}(1; \{5^{34}\})$	1475739525896764129300
6	$\mathcal{O}(11; \{3^4\})$	789730034767245162
6	$\mathcal{O}(11; \{2, 3^2, 6\})$	263243407684534272

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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	$\mathcal{O}(11; \{2^2, 6^2\})$	263243407684534272
6	$\mathcal{O}(10; \{2^4, 3^4\})$	21936950640377856
6	$\mathcal{O}(10; \{3^7\})$	153558508037700150
6	$\mathcal{O}(10; \{2^5, 3^2, 6\})$	7312316880125952
6	$\mathcal{O}(10; \{2, 3^5, 6\})$	80435485681385472
6	$\mathcal{O}(10; \{2^6, 6^2\})$	7312316880125952
6	$\mathcal{O}(10; \{2^2, 3^3, 6^2\})$	36561584400629760
6	$\mathcal{O}(10; \{2^3, 3, 6^3\})$	21936950640377856
6	$\mathcal{O}(10; \{3^2, 6^4\})$	80435485681385472
6	$\mathcal{O}(10; \{2, 6^5\})$	36561584400629760
6	$\mathcal{O}(9; \{2^8, 3^4\})$	609359740010496
6	$\mathcal{O}(9; \{2^4, 3^7\})$	4265518180073472
6	$\mathcal{O}(9; \{3^{10}\})$	34733372682791034
6	$\mathcal{O}(9; \{2^9, 3^2, 6\})$	203119913336832
6	$\mathcal{O}(9; \{2^5, 3^5, 6\})$	2234319046705152
6	$\mathcal{O}(9; \{2, 3^8, 6\})$	17265192633630720
6	$\mathcal{O}(9; \{2^{10}, 6^2\})$	203119913336832
6	$\mathcal{O}(9; \{2^6, 3^3, 6^2\})$	1015599566684160
6	$\mathcal{O}(9; \{2^2, 3^6, 6^2\})$	8734156273483776
6	$\mathcal{O}(9; \{2^7, 3, 6^3\})$	609359740010496
6	$\mathcal{O}(9; \{2^3, 3^4, 6^3\})$	4265518180073472
6	$\mathcal{O}(9; \{2^4, 3^2, 6^4\})$	2234319046705152
6	$\mathcal{O}(9; \{3^5, 6^4\})$	17265192633630720
6	$\mathcal{O}(9; \{2^5, 6^5\})$	1015599566684160
6	$\mathcal{O}(9; \{2, 3^3, 6^5\})$	8734156273483776
6	$\mathcal{O}(9; \{2^2, 3, 6^6\})$	4265518180073472
6	$\mathcal{O}(9; \{6^8\})$	8734156273483776
6	$\mathcal{O}(8; \{2^{12}, 3^4\})$	16926659444736
6	$\mathcal{O}(8; \{2^8, 3^7\})$	118486616113152
6	$\mathcal{O}(8; \{2^4, 3^{10}\})$	964819588349952
6	$\mathcal{O}(8; \{3^{13}\})$	7701512529806550
6	$\mathcal{O}(8; \{2^{13}, 3^2, 6\})$	5642219814912
6	$\mathcal{O}(8; \{2^9, 3^5, 6\})$	62064417964032
6	$\mathcal{O}(8; \{2^5, 3^8, 6\})$	479588684267520
6	$\mathcal{O}(8; \{2, 3^{11}, 6\})$	3853636133584896
6	$\mathcal{O}(8; \{2^{14}, 6^2\})$	5642219814912
6	$\mathcal{O}(8; \{2^{10}, 3^3, 6^2\})$	28211099074560
6	$\mathcal{O}(8; \{2^6, 3^6, 6^2\})$	242615452041216
6	$\mathcal{O}(8; \{2^2, 3^9, 6^2\})$	1923996956884992
6	$\mathcal{O}(8; \{2^{11}, 3, 6^3\})$	16926659444736
6	$\mathcal{O}(8; \{2^7, 3^4, 6^3\})$	118486616113152
6	$\mathcal{O}(8; \{2^3, 3^7, 6^3\})$	964819588349952
6	$\mathcal{O}(8; \{2^8, 3^2, 6^4\})$	62064417964032

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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	$\mathcal{O}(8; \{2^4, 3^5, 6^4\})$	479588684267520
6	$\mathcal{O}(8; \{3^8, 6^4\})$	3853636133584896
6	$\mathcal{O}(8; \{2^9, 6^5\})$	28211099074560
6	$\mathcal{O}(8; \{2^5, 3^3, 6^5\})$	242615452041216
6	$\mathcal{O}(8; \{2, 3^6, 6^5\})$	1923996956884992
6	$\mathcal{O}(8; \{2^6, 3, 6^6\})$	118486616113152
6	$\mathcal{O}(8; \{2^2, 3^4, 6^6\})$	964819588349952
6	$\mathcal{O}(8; \{2^3, 3^2, 6^7\})$	479588684267520
6	$\mathcal{O}(8; \{2^4, 6^8\})$	242615452041216
6	$\mathcal{O}(8; \{3^3, 6^8\})$	1923996956884992
6	$\mathcal{O}(8; \{2, 3, 6^9\})$	964819588349952
6	$\mathcal{O}(7; \{2^{16}, 3^4\})$	470184984576
6	$\mathcal{O}(7; \{2^{12}, 3^7\})$	3291294892032
6	$\mathcal{O}(7; \{2^8, 3^{10}\})$	26800544120832
6	$\mathcal{O}(7; \{2^4, 3^{13}\})$	213934167982080
6	$\mathcal{O}(7; \{3^{16}\})$	1711839040100442
6	$\mathcal{O}(7; \{2^{17}, 3^2, 6\})$	156728328192
6	$\mathcal{O}(7; \{2^{13}, 3^5, 6\})$	1724011610112
6	$\mathcal{O}(7; \{2^9, 3^8, 6\})$	13321907896320
6	$\mathcal{O}(7; \{2^5, 3^{11}, 6\})$	107045448155136
6	$\mathcal{O}(7; \{2, 3^{14}, 6\})$	855893400256512
6	$\mathcal{O}(7; \{2^{18}, 6^2\})$	156728328192
6	$\mathcal{O}(7; \{2^{14}, 3^3, 6^2\})$	783641640960
6	$\mathcal{O}(7; \{2^{10}, 3^6, 6^2\})$	6739318112256
6	$\mathcal{O}(7; \{2^6, 3^9, 6^2\})$	53444359913472
6	$\mathcal{O}(7; \{2^2, 3^{12}, 6^2\})$	428025064292352
6	$\mathcal{O}(7; \{2^{15}, 3, 6^3\})$	470184984576
6	$\mathcal{O}(7; \{2^{11}, 3^4, 6^3\})$	3291294892032
6	$\mathcal{O}(7; \{2^7, 3^7, 6^3\})$	26800544120832
6	$\mathcal{O}(7; \{2^3, 3^{10}, 6^3\})$	213934167982080
6	$\mathcal{O}(7; \{2^{12}, 3^2, 6^4\})$	1724011610112
6	$\mathcal{O}(7; \{2^8, 3^5, 6^4\})$	13321907896320
6	$\mathcal{O}(7; \{2^4, 3^8, 6^4\})$	107045448155136
6	$\mathcal{O}(7; \{3^{11}, 6^4\})$	855893400256512
6	$\mathcal{O}(7; \{2^{13}, 6^5\})$	783641640960
6	$\mathcal{O}(7; \{2^9, 3^3, 6^5\})$	6739318112256
6	$\mathcal{O}(7; \{2^5, 3^6, 6^5\})$	53444359913472
6	$\mathcal{O}(7; \{2, 3^9, 6^5\})$	428025064292352
6	$\mathcal{O}(7; \{2^{10}, 3, 6^6\})$	3291294892032
6	$\mathcal{O}(7; \{2^6, 3^4, 6^6\})$	26800544120832
6	$\mathcal{O}(7; \{2^2, 3^7, 6^6\})$	213934167982080
6	$\mathcal{O}(7; \{2^7, 3^2, 6^7\})$	13321907896320
6	$\mathcal{O}(7; \{2^3, 3^5, 6^7\})$	107045448155136

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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	$\mathcal{O}(7; \{2^8, 6^8\})$	6739318112256
6	$\mathcal{O}(7; \{2^4, 3^3, 6^8\})$	53444359913472
6	$\mathcal{O}(7; \{3^6, 6^8\})$	428025064292352
6	$\mathcal{O}(7; \{2^5, 3, 6^9\})$	26800544120832
6	$\mathcal{O}(7; \{2, 3^4, 6^9\})$	213934167982080
6	$\mathcal{O}(7; \{2^2, 3^2, 6^{10}\})$	107045448155136
6	$\mathcal{O}(7; \{2^3, 6^{11}\})$	53444359913472
6	$\mathcal{O}(7; \{3, 6^{12}\})$	213934167982080
6	$\mathcal{O}(6; \{2^{20}, 3^4\})$	13060694016
6	$\mathcal{O}(6; \{2^{16}, 3^7\})$	91424858112
6	$\mathcal{O}(6; \{2^{12}, 3^{10}\})$	744459558912
6	$\mathcal{O}(6; \{2^8, 3^{13}\})$	5942615777280
6	$\mathcal{O}(6; \{2^4, 3^{16}\})$	47553986912256
6	$\mathcal{O}(6; \{3^{19}\})$	380325958911990
6	$\mathcal{O}(6; \{2^{21}, 3^2, 6\})$	4353564672
6	$\mathcal{O}(6; \{2^{17}, 3^5, 6\})$	47889211392
6	$\mathcal{O}(6; \{2^{13}, 3^8, 6\})$	370052997120
6	$\mathcal{O}(6; \{2^9, 3^{11}, 6\})$	2973484670976
6	$\mathcal{O}(6; \{2^5, 3^{14}, 6\})$	23774816673792
6	$\mathcal{O}(6; \{2, 3^{17}, 6\})$	190211594084352
6	$\mathcal{O}(6; \{2^{22}, 6^2\})$	4353564672
6	$\mathcal{O}(6; \{2^{18}, 3^3, 6^2\})$	21767823360
6	$\mathcal{O}(6; \{2^{14}, 3^6, 6^2\})$	187203280896
6	$\mathcal{O}(6; \{2^{10}, 3^9, 6^2\})$	1484565553152
6	$\mathcal{O}(6; \{2^6, 3^{12}, 6^2\})$	11889585119232
6	$\mathcal{O}(6; \{2^2, 3^{15}, 6^2\})$	95103620259840
6	$\mathcal{O}(6; \{2^{19}, 3, 6^3\})$	13060694016
6	$\mathcal{O}(6; \{2^{15}, 3^4, 6^3\})$	91424858112
6	$\mathcal{O}(6; \{2^{11}, 3^7, 6^3\})$	744459558912
6	$\mathcal{O}(6; \{2^7, 3^{10}, 6^3\})$	5942615777280
6	$\mathcal{O}(6; \{2^3, 3^{13}, 6^3\})$	47553986912256
6	$\mathcal{O}(6; \{2^{16}, 3^2, 6^4\})$	47889211392
6	$\mathcal{O}(6; \{2^{12}, 3^5, 6^4\})$	370052997120
6	$\mathcal{O}(6; \{2^8, 3^8, 6^4\})$	2973484670976
6	$\mathcal{O}(6; \{2^4, 3^{11}, 6^4\})$	23774816673792
6	$\mathcal{O}(6; \{3^{14}, 6^4\})$	190211594084352
6	$\mathcal{O}(6; \{2^{17}, 6^5\})$	21767823360
6	$\mathcal{O}(6; \{2^{13}, 3^3, 6^5\})$	187203280896
6	$\mathcal{O}(6; \{2^9, 3^6, 6^5\})$	1484565553152
6	$\mathcal{O}(6; \{2^5, 3^9, 6^5\})$	11889585119232
6	$\mathcal{O}(6; \{2, 3^{12}, 6^5\})$	95103620259840
6	$\mathcal{O}(6; \{2^{14}, 3, 6^6\})$	91424858112
6	$\mathcal{O}(6; \{2^{10}, 3^4, 6^6\})$	744459558912

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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	$\mathcal{O}(6; \{2^6, 3^7, 6^6\})$	5942615777280
6	$\mathcal{O}(6; \{2^2, 3^{10}, 6^6\})$	47553986912256
6	$\mathcal{O}(6; \{2^{11}, 3^2, 6^7\})$	370052997120
6	$\mathcal{O}(6; \{2^7, 3^5, 6^7\})$	2973484670976
6	$\mathcal{O}(6; \{2^3, 3^8, 6^7\})$	23774816673792
6	$\mathcal{O}(6; \{2^{12}, 6^8\})$	187203280896
6	$\mathcal{O}(6; \{2^8, 3^3, 6^8\})$	1484565553152
6	$\mathcal{O}(6; \{2^4, 3^6, 6^8\})$	11889585119232
6	$\mathcal{O}(6; \{3^9, 6^8\})$	95103620259840
6	$\mathcal{O}(6; \{2^9, 3, 6^9\})$	744459558912
6	$\mathcal{O}(6; \{2^5, 3^4, 6^9\})$	5942615777280
6	$\mathcal{O}(6; \{2, 3^7, 6^9\})$	47553986912256
6	$\mathcal{O}(6; \{2^6, 3^2, 6^{10}\})$	2973484670976
6	$\mathcal{O}(6; \{2^2, 3^5, 6^{10}\})$	23774816673792
6	$\mathcal{O}(6; \{2^7, 6^{11}\})$	1484565553152
6	$\mathcal{O}(6; \{2^3, 3^3, 6^{11}\})$	11889585119232
6	$\mathcal{O}(6; \{2^4, 3, 6^{12}\})$	5942615777280
6	$\mathcal{O}(6; \{3^4, 6^{12}\})$	47553986912256
6	$\mathcal{O}(6; \{2, 3^2, 6^{13}\})$	23774816673792
6	$\mathcal{O}(6; \{2^2, 6^{14}\})$	11889585119232
6	$\mathcal{O}(5; \{2^{24}, 3^4\})$	362797056
6	$\mathcal{O}(5; \{2^{20}, 3^7\})$	2539579392
6	$\mathcal{O}(5; \{2^{16}, 3^{10}\})$	20679432192
6	$\mathcal{O}(5; \{2^{12}, 3^{13}\})$	165072660480
6	$\mathcal{O}(5; \{2^8, 3^{16}\})$	1320944080896
6	$\mathcal{O}(5; \{2^4, 3^{19}\})$	10567189850112
6	$\mathcal{O}(5; \{3^{22}\})$	84455325072954
6	$\mathcal{O}(5; \{2^{25}, 3^2, 6\})$	120932352
6	$\mathcal{O}(5; \{2^{21}, 3^5, 6\})$	1330255872
6	$\mathcal{O}(5; \{2^{17}, 3^8, 6\})$	10279249920
6	$\mathcal{O}(5; \{2^{13}, 3^{11}, 6\})$	82596796416
6	$\mathcal{O}(5; \{2^9, 3^{14}, 6\})$	660411574272
6	$\mathcal{O}(5; \{2^5, 3^{17}, 6\})$	5283655391232
6	$\mathcal{O}(5; \{2, 3^{20}, 6\})$	42268880332800
6	$\mathcal{O}(5; \{2^{26}, 6^2\})$	120932352
6	$\mathcal{O}(5; \{2^{22}, 3^3, 6^2\})$	604661760
6	$\mathcal{O}(5; \{2^{18}, 3^6, 6^2\})$	5200091136
6	$\mathcal{O}(5; \{2^{14}, 3^9, 6^2\})$	41237932032
6	$\mathcal{O}(5; \{2^{10}, 3^{12}, 6^2\})$	330266253312
6	$\mathcal{O}(5; \{2^6, 3^{15}, 6^2\})$	2641767229440
6	$\mathcal{O}(5; \{2^2, 3^{18}, 6^2\})$	21134500632576
6	$\mathcal{O}(5; \{2^{23}, 3, 6^3\})$	362797056
6	$\mathcal{O}(5; \{2^{19}, 3^4, 6^3\})$	2539579392

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

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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	$\mathcal{O}(5; \{2^5, 3^2, 6^{13}\})$	660411574272
6	$\mathcal{O}(5; \{2, 3^5, 6^{13}\})$	5283655391232
6	$\mathcal{O}(5; \{2^6, 6^{14}\})$	330266253312
6	$\mathcal{O}(5; \{2^2, 3^3, 6^{14}\})$	2641767229440
6	$\mathcal{O}(5; \{2^3, 3, 6^{15}\})$	1320944080896
6	$\mathcal{O}(5; \{3^2, 6^{16}\})$	5283655391232
6	$\mathcal{O}(5; \{2, 6^{17}\})$	2641767229440
6	$\mathcal{O}(4; \{2^{28}, 3^4\})$	10077696
6	$\mathcal{O}(4; \{2^{24}, 3^7\})$	70543872
6	$\mathcal{O}(4; \{2^{20}, 3^{10}\})$	574428672
6	$\mathcal{O}(4; \{2^{16}, 3^{13}\})$	4585351680
6	$\mathcal{O}(4; \{2^{12}, 3^{16}\})$	36692891136
6	$\mathcal{O}(4; \{2^8, 3^{19}\})$	293533051392
6	$\mathcal{O}(4; \{2^4, 3^{22}\})$	2348274488832
6	$\mathcal{O}(4; \{3^{25}\})$	18712802294550
6	$\mathcal{O}(4; \{2^{29}, 3^2, 6\})$	3359232
6	$\mathcal{O}(4; \{2^{25}, 3^5, 6\})$	36951552
6	$\mathcal{O}(4; \{2^{21}, 3^8, 6\})$	285534720
6	$\mathcal{O}(4; \{2^{17}, 3^{11}, 6\})$	2294355456
6	$\mathcal{O}(4; \{2^{13}, 3^{14}, 6\})$	18344765952
6	$\mathcal{O}(4; \{2^9, 3^{17}, 6\})$	146768205312
6	$\mathcal{O}(4; \{2^5, 3^{20}, 6\})$	1174135564800
6	$\mathcal{O}(4; \{2, 3^{23}, 6\})$	9393094596096
6	$\mathcal{O}(4; \{2^{30}, 6^2\})$	3359232
6	$\mathcal{O}(4; \{2^{26}, 3^3, 6^2\})$	16796160
6	$\mathcal{O}(4; \{2^{22}, 3^6, 6^2\})$	144446976
6	$\mathcal{O}(4; \{2^{18}, 3^9, 6^2\})$	1145498112
6	$\mathcal{O}(4; \{2^{14}, 3^{12}, 6^2\})$	9174062592
6	$\mathcal{O}(4; \{2^{10}, 3^{15}, 6^2\})$	73382423040
6	$\mathcal{O}(4; \{2^6, 3^{18}, 6^2\})$	587069462016
6	$\mathcal{O}(4; \{2^2, 3^{21}, 6^2\})$	4696545618432
6	$\mathcal{O}(4; \{2^{27}, 3, 6^3\})$	10077696
6	$\mathcal{O}(4; \{2^{23}, 3^4, 6^3\})$	70543872
6	$\mathcal{O}(4; \{2^{19}, 3^7, 6^3\})$	574428672
6	$\mathcal{O}(4; \{2^{15}, 3^{10}, 6^3\})$	4585351680
6	$\mathcal{O}(4; \{2^{11}, 3^{13}, 6^3\})$	36692891136
6	$\mathcal{O}(4; \{2^7, 3^{16}, 6^3\})$	293533051392
6	$\mathcal{O}(4; \{2^3, 3^{19}, 6^3\})$	2348274488832
6	$\mathcal{O}(4; \{2^{24}, 3^2, 6^4\})$	36951552
6	$\mathcal{O}(4; \{2^{20}, 3^5, 6^4\})$	285534720
6	$\mathcal{O}(4; \{2^{16}, 3^8, 6^4\})$	2294355456
6	$\mathcal{O}(4; \{2^{12}, 3^{11}, 6^4\})$	18344765952
6	$\mathcal{O}(4; \{2^8, 3^{14}, 6^4\})$	146768205312

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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	$\mathcal{O}(4; \{2^4, 3^{17}, 6^4\})$	1174135564800
6	$\mathcal{O}(4; \{3^{20}, 6^4\})$	9393094596096
6	$\mathcal{O}(4; \{2^{25}, 6^5\})$	16796160
6	$\mathcal{O}(4; \{2^{21}, 3^3, 6^5\})$	144446976
6	$\mathcal{O}(4; \{2^{17}, 3^6, 6^5\})$	1145498112
6	$\mathcal{O}(4; \{2^{13}, 3^9, 6^5\})$	9174062592
6	$\mathcal{O}(4; \{2^9, 3^{12}, 6^5\})$	73382423040
6	$\mathcal{O}(4; \{2^5, 3^{15}, 6^5\})$	587069462016
6	$\mathcal{O}(4; \{2, 3^{18}, 6^5\})$	4696545618432
6	$\mathcal{O}(4; \{2^{22}, 3, 6^6\})$	70543872
6	$\mathcal{O}(4; \{2^{18}, 3^4, 6^6\})$	574428672
6	$\mathcal{O}(4; \{2^{14}, 3^7, 6^6\})$	4585351680
6	$\mathcal{O}(4; \{2^{10}, 3^{10}, 6^6\})$	36692891136
6	$\mathcal{O}(4; \{2^6, 3^{13}, 6^6\})$	293533051392
6	$\mathcal{O}(4; \{2^2, 3^{16}, 6^6\})$	2348274488832
6	$\mathcal{O}(4; \{2^{19}, 3^2, 6^7\})$	285534720
6	$\mathcal{O}(4; \{2^{15}, 3^5, 6^7\})$	2294355456
6	$\mathcal{O}(4; \{2^{11}, 3^8, 6^7\})$	18344765952
6	$\mathcal{O}(4; \{2^7, 3^{11}, 6^7\})$	146768205312
6	$\mathcal{O}(4; \{2^3, 3^{14}, 6^7\})$	1174135564800
6	$\mathcal{O}(4; \{2^{20}, 6^8\})$	144446976
6	$\mathcal{O}(4; \{2^{16}, 3^3, 6^8\})$	1145498112
6	$\mathcal{O}(4; \{2^{12}, 3^6, 6^8\})$	9174062592
6	$\mathcal{O}(4; \{2^8, 3^9, 6^8\})$	73382423040
6	$\mathcal{O}(4; \{2^4, 3^{12}, 6^8\})$	587069462016
6	$\mathcal{O}(4; \{3^{15}, 6^8\})$	4696545618432
6	$\mathcal{O}(4; \{2^{17}, 3, 6^9\})$	574428672
6	$\mathcal{O}(4; \{2^{13}, 3^4, 6^9\})$	4585351680
6	$\mathcal{O}(4; \{2^9, 3^7, 6^9\})$	36692891136
6	$\mathcal{O}(4; \{2^5, 3^{10}, 6^9\})$	293533051392
6	$\mathcal{O}(4; \{2, 3^{13}, 6^9\})$	2348274488832
6	$\mathcal{O}(4; \{2^{14}, 3^2, 6^{10}\})$	2294355456
6	$\mathcal{O}(4; \{2^{10}, 3^5, 6^{10}\})$	18344765952
6	$\mathcal{O}(4; \{2^6, 3^8, 6^{10}\})$	146768205312
6	$\mathcal{O}(4; \{2^2, 3^{11}, 6^{10}\})$	1174135564800
6	$\mathcal{O}(4; \{2^{15}, 6^{11}\})$	1145498112
6	$\mathcal{O}(4; \{2^{11}, 3^3, 6^{11}\})$	9174062592
6	$\mathcal{O}(4; \{2^7, 3^6, 6^{11}\})$	73382423040
6	$\mathcal{O}(4; \{2^3, 3^9, 6^{11}\})$	587069462016
6	$\mathcal{O}(4; \{2^{12}, 3, 6^{12}\})$	4585351680
6	$\mathcal{O}(4; \{2^8, 3^4, 6^{12}\})$	36692891136
6	$\mathcal{O}(4; \{2^4, 3^7, 6^{12}\})$	293533051392
6	$\mathcal{O}(4; \{3^{10}, 6^{12}\})$	2348274488832

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^9, 3^2, 6^{13}\})$	18344765952
6	$\mathcal{O}(4; \{2^5, 3^5, 6^{13}\})$	146768205312
6	$\mathcal{O}(4; \{2, 3^8, 6^{13}\})$	1174135564800
6	$\mathcal{O}(4; \{2^{10}, 6^{14}\})$	9174062592
6	$\mathcal{O}(4; \{2^6, 3^3, 6^{14}\})$	73382423040
6	$\mathcal{O}(4; \{2^2, 3^6, 6^{14}\})$	587069462016
6	$\mathcal{O}(4; \{2^7, 3, 6^{15}\})$	36692891136
6	$\mathcal{O}(4; \{2^3, 3^4, 6^{15}\})$	293533051392
6	$\mathcal{O}(4; \{2^4, 3^2, 6^{16}\})$	146768205312
6	$\mathcal{O}(4; \{3^5, 6^{16}\})$	1174135564800
6	$\mathcal{O}(4; \{2^5, 6^{17}\})$	73382423040
6	$\mathcal{O}(4; \{2, 3^3, 6^{17}\})$	587069462016
6	$\mathcal{O}(4; \{2^2, 3, 6^{18}\})$	293533051392
6	$\mathcal{O}(4; \{6^{20}\})$	587069462016
6	$\mathcal{O}(3; \{2^{32}, 3^4\})$	279936
6	$\mathcal{O}(3; \{2^{28}, 3^7\})$	1959552
6	$\mathcal{O}(3; \{2^{24}, 3^{10}\})$	15956352
6	$\mathcal{O}(3; \{2^{20}, 3^{13}\})$	127370880
6	$\mathcal{O}(3; \{2^{16}, 3^{16}\})$	1019246976
6	$\mathcal{O}(3; \{2^{12}, 3^{19}\})$	8153695872
6	$\mathcal{O}(3; \{2^8, 3^{22}\})$	65229846912
6	$\mathcal{O}(3; \{2^4, 3^{25}\})$	521838495360
6	$\mathcal{O}(3; \{3^{28}\})$	4109478426522
6	$\mathcal{O}(3; \{2^{33}, 3^2, 6\})$	93312
6	$\mathcal{O}(3; \{2^{29}, 3^5, 6\})$	1026432
6	$\mathcal{O}(3; \{2^{25}, 3^8, 6\})$	7931520
6	$\mathcal{O}(3; \{2^{21}, 3^{11}, 6\})$	63732096
6	$\mathcal{O}(3; \{2^{17}, 3^{14}, 6\})$	509576832
6	$\mathcal{O}(3; \{2^{13}, 3^{17}, 6\})$	4076894592
6	$\mathcal{O}(3; \{2^9, 3^{20}, 6\})$	32614876800
6	$\mathcal{O}(3; \{2^5, 3^{23}, 6\})$	260919294336
6	$\mathcal{O}(3; \{2, 3^{26}, 6\})$	2087354074752
6	$\mathcal{O}(3; \{2^{34}, 6^2\})$	93312
6	$\mathcal{O}(3; \{2^{30}, 3^3, 6^2\})$	466560
6	$\mathcal{O}(3; \{2^{26}, 3^6, 6^2\})$	4012416
6	$\mathcal{O}(3; \{2^{22}, 3^9, 6^2\})$	31819392
6	$\mathcal{O}(3; \{2^{18}, 3^{12}, 6^2\})$	254835072
6	$\mathcal{O}(3; \{2^{14}, 3^{15}, 6^2\})$	2038400640
6	$\mathcal{O}(3; \{2^{10}, 3^{18}, 6^2\})$	16307485056
6	$\mathcal{O}(3; \{2^6, 3^{21}, 6^2\})$	130459600512
6	$\mathcal{O}(3; \{2^2, 3^{24}, 6^2\})$	1043677084032
6	$\mathcal{O}(3; \{2^{31}, 3, 6^3\})$	279936
6	$\mathcal{O}(3; \{2^{27}, 3^4, 6^3\})$	1959552

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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	$\mathcal{O}(3; \{2^{23}, 3^7, 6^3\})$	15956352
6	$\mathcal{O}(3; \{2^{19}, 3^{10}, 6^3\})$	127370880
6	$\mathcal{O}(3; \{2^{15}, 3^{13}, 6^3\})$	1019246976
6	$\mathcal{O}(3; \{2^{11}, 3^{16}, 6^3\})$	8153695872
6	$\mathcal{O}(3; \{2^7, 3^{19}, 6^3\})$	65229846912
6	$\mathcal{O}(3; \{2^3, 3^{22}, 6^3\})$	521838495360
6	$\mathcal{O}(3; \{2^{28}, 3^2, 6^4\})$	1026432
6	$\mathcal{O}(3; \{2^{24}, 3^5, 6^4\})$	7931520
6	$\mathcal{O}(3; \{2^{20}, 3^8, 6^4\})$	63732096
6	$\mathcal{O}(3; \{2^{16}, 3^{11}, 6^4\})$	509576832
6	$\mathcal{O}(3; \{2^{12}, 3^{14}, 6^4\})$	4076894592
6	$\mathcal{O}(3; \{2^8, 3^{17}, 6^4\})$	32614876800
6	$\mathcal{O}(3; \{2^4, 3^{20}, 6^4\})$	260919294336
6	$\mathcal{O}(3; \{3^{23}, 6^4\})$	2087354074752
6	$\mathcal{O}(3; \{2^{29}, 6^5\})$	466560
6	$\mathcal{O}(3; \{2^{25}, 3^3, 6^5\})$	4012416
6	$\mathcal{O}(3; \{2^{21}, 3^6, 6^5\})$	31819392
6	$\mathcal{O}(3; \{2^{17}, 3^9, 6^5\})$	254835072
6	$\mathcal{O}(3; \{2^{13}, 3^{12}, 6^5\})$	2038400640
6	$\mathcal{O}(3; \{2^9, 3^{15}, 6^5\})$	16307485056
6	$\mathcal{O}(3; \{2^5, 3^{18}, 6^5\})$	130459600512
6	$\mathcal{O}(3; \{2, 3^{21}, 6^5\})$	1043677084032
6	$\mathcal{O}(3; \{2^{26}, 3, 6^6\})$	1959552
6	$\mathcal{O}(3; \{2^{22}, 3^4, 6^6\})$	15956352
6	$\mathcal{O}(3; \{2^{18}, 3^7, 6^6\})$	127370880
6	$\mathcal{O}(3; \{2^{14}, 3^{10}, 6^6\})$	1019246976
6	$\mathcal{O}(3; \{2^{10}, 3^{13}, 6^6\})$	8153695872
6	$\mathcal{O}(3; \{2^6, 3^{16}, 6^6\})$	65229846912
6	$\mathcal{O}(3; \{2^2, 3^{19}, 6^6\})$	521838495360
6	$\mathcal{O}(3; \{2^{23}, 3^2, 6^7\})$	7931520
6	$\mathcal{O}(3; \{2^{19}, 3^5, 6^7\})$	63732096
6	$\mathcal{O}(3; \{2^{15}, 3^8, 6^7\})$	509576832
6	$\mathcal{O}(3; \{2^{11}, 3^{11}, 6^7\})$	4076894592
6	$\mathcal{O}(3; \{2^7, 3^{14}, 6^7\})$	32614876800
6	$\mathcal{O}(3; \{2^3, 3^{17}, 6^7\})$	260919294336
6	$\mathcal{O}(3; \{2^{24}, 6^8\})$	4012416
6	$\mathcal{O}(3; \{2^{20}, 3^3, 6^8\})$	31819392
6	$\mathcal{O}(3; \{2^{16}, 3^6, 6^8\})$	254835072
6	$\mathcal{O}(3; \{2^{12}, 3^9, 6^8\})$	2038400640
6	$\mathcal{O}(3; \{2^8, 3^{12}, 6^8\})$	16307485056
6	$\mathcal{O}(3; \{2^4, 3^{15}, 6^8\})$	130459600512
6	$\mathcal{O}(3; \{3^{18}, 6^8\})$	1043677084032
6	$\mathcal{O}(3; \{2^{21}, 3, 6^9\})$	15956352

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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	$\mathcal{O}(3; \{2^{17}, 3^4, 6^9\})$	127370880
6	$\mathcal{O}(3; \{2^{13}, 3^7, 6^9\})$	1019246976
6	$\mathcal{O}(3; \{2^9, 3^{10}, 6^9\})$	8153695872
6	$\mathcal{O}(3; \{2^5, 3^{13}, 6^9\})$	65229846912
6	$\mathcal{O}(3; \{2, 3^{16}, 6^9\})$	521838495360
6	$\mathcal{O}(3; \{2^{18}, 3^2, 6^{10}\})$	63732096
6	$\mathcal{O}(3; \{2^{14}, 3^5, 6^{10}\})$	509576832
6	$\mathcal{O}(3; \{2^{10}, 3^8, 6^{10}\})$	4076894592
6	$\mathcal{O}(3; \{2^6, 3^{11}, 6^{10}\})$	32614876800
6	$\mathcal{O}(3; \{2^2, 3^{14}, 6^{10}\})$	260919294336
6	$\mathcal{O}(3; \{2^{19}, 6^{11}\})$	31819392
6	$\mathcal{O}(3; \{2^{15}, 3^3, 6^{11}\})$	254835072
6	$\mathcal{O}(3; \{2^{11}, 3^6, 6^{11}\})$	2038400640
6	$\mathcal{O}(3; \{2^7, 3^9, 6^{11}\})$	16307485056
6	$\mathcal{O}(3; \{2^3, 3^{12}, 6^{11}\})$	130459600512
6	$\mathcal{O}(3; \{2^{16}, 3, 6^{12}\})$	127370880
6	$\mathcal{O}(3; \{2^{12}, 3^4, 6^{12}\})$	1019246976
6	$\mathcal{O}(3; \{2^8, 3^7, 6^{12}\})$	8153695872
6	$\mathcal{O}(3; \{2^4, 3^{10}, 6^{12}\})$	65229846912
6	$\mathcal{O}(3; \{3^{13}, 6^{12}\})$	521838495360
6	$\mathcal{O}(3; \{2^{13}, 3^2, 6^{13}\})$	509576832
6	$\mathcal{O}(3; \{2^9, 3^5, 6^{13}\})$	4076894592
6	$\mathcal{O}(3; \{2^5, 3^8, 6^{13}\})$	32614876800
6	$\mathcal{O}(3; \{2, 3^{11}, 6^{13}\})$	260919294336
6	$\mathcal{O}(3; \{2^{14}, 6^{14}\})$	254835072
6	$\mathcal{O}(3; \{2^{10}, 3^3, 6^{14}\})$	2038400640
6	$\mathcal{O}(3; \{2^6, 3^6, 6^{14}\})$	16307485056
6	$\mathcal{O}(3; \{2^2, 3^9, 6^{14}\})$	130459600512
6	$\mathcal{O}(3; \{2^{11}, 3, 6^{15}\})$	1019246976
6	$\mathcal{O}(3; \{2^7, 3^4, 6^{15}\})$	8153695872
6	$\mathcal{O}(3; \{2^3, 3^7, 6^{15}\})$	65229846912
6	$\mathcal{O}(3; \{2^8, 3^2, 6^{16}\})$	4076894592
6	$\mathcal{O}(3; \{2^4, 3^5, 6^{16}\})$	32614876800
6	$\mathcal{O}(3; \{3^8, 6^{16}\})$	260919294336
6	$\mathcal{O}(3; \{2^9, 6^{17}\})$	2038400640
6	$\mathcal{O}(3; \{2^5, 3^3, 6^{17}\})$	16307485056
6	$\mathcal{O}(3; \{2, 3^6, 6^{17}\})$	130459600512
6	$\mathcal{O}(3; \{2^6, 3, 6^{18}\})$	8153695872
6	$\mathcal{O}(3; \{2^2, 3^4, 6^{18}\})$	65229846912
6	$\mathcal{O}(3; \{2^3, 3^2, 6^{19}\})$	32614876800
6	$\mathcal{O}(3; \{2^4, 6^{20}\})$	16307485056
6	$\mathcal{O}(3; \{3^3, 6^{20}\})$	130459600512
6	$\mathcal{O}(3; \{2, 3, 6^{21}\})$	65229846912

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^{36}, 3^4\})$	7776
6	$\mathcal{O}(2; \{2^{32}, 3^7\})$	54432
6	$\mathcal{O}(2; \{2^{28}, 3^{10}\})$	443232
6	$\mathcal{O}(2; \{2^{24}, 3^{13}\})$	3538080
6	$\mathcal{O}(2; \{2^{20}, 3^{16}\})$	28312416
6	$\mathcal{O}(2; \{2^{16}, 3^{19}\})$	226491552
6	$\mathcal{O}(2; \{2^{12}, 3^{22}\})$	1811940192
6	$\mathcal{O}(2; \{2^8, 3^{25}\})$	14495513760
6	$\mathcal{O}(2; \{2^4, 3^{28}\})$	115964117856
6	$\mathcal{O}(2; \{3^{31}\})$	869730876630
6	$\mathcal{O}(2; \{2^{37}, 3^2, 6\})$	2592
6	$\mathcal{O}(2; \{2^{33}, 3^5, 6\})$	28512
6	$\mathcal{O}(2; \{2^{29}, 3^8, 6\})$	220320
6	$\mathcal{O}(2; \{2^{25}, 3^{11}, 6\})$	1770336
6	$\mathcal{O}(2; \{2^{21}, 3^{14}, 6\})$	14154912
6	$\mathcal{O}(2; \{2^{17}, 3^{17}, 6\})$	113247072
6	$\mathcal{O}(2; \{2^{13}, 3^{20}, 6\})$	905968800
6	$\mathcal{O}(2; \{2^9, 3^{23}, 6\})$	7247758176
6	$\mathcal{O}(2; \{2^5, 3^{26}, 6\})$	57982057632
6	$\mathcal{O}(2; \{2, 3^{29}, 6\})$	463856468832
6	$\mathcal{O}(2; \{2^{38}, 6^2\})$	2592
6	$\mathcal{O}(2; \{2^{34}, 3^3, 6^2\})$	12960
6	$\mathcal{O}(2; \{2^{30}, 3^6, 6^2\})$	111456
6	$\mathcal{O}(2; \{2^{26}, 3^9, 6^2\})$	883872
6	$\mathcal{O}(2; \{2^{22}, 3^{12}, 6^2\})$	7078752
6	$\mathcal{O}(2; \{2^{18}, 3^{15}, 6^2\})$	56622240
6	$\mathcal{O}(2; \{2^{14}, 3^{18}, 6^2\})$	452985696
6	$\mathcal{O}(2; \{2^{10}, 3^{21}, 6^2\})$	3623877792
6	$\mathcal{O}(2; \{2^6, 3^{24}, 6^2\})$	28991030112
6	$\mathcal{O}(2; \{2^2, 3^{27}, 6^2\})$	231928233120
6	$\mathcal{O}(2; \{2^{35}, 3, 6^3\})$	7776
6	$\mathcal{O}(2; \{2^{31}, 3^4, 6^3\})$	54432
6	$\mathcal{O}(2; \{2^{27}, 3^7, 6^3\})$	443232
6	$\mathcal{O}(2; \{2^{23}, 3^{10}, 6^3\})$	3538080
6	$\mathcal{O}(2; \{2^{19}, 3^{13}, 6^3\})$	28312416
6	$\mathcal{O}(2; \{2^{15}, 3^{16}, 6^3\})$	226491552
6	$\mathcal{O}(2; \{2^{11}, 3^{19}, 6^3\})$	1811940192
6	$\mathcal{O}(2; \{2^7, 3^{22}, 6^3\})$	14495513760
6	$\mathcal{O}(2; \{2^3, 3^{25}, 6^3\})$	115964117856
6	$\mathcal{O}(2; \{2^{32}, 3^2, 6^4\})$	28512
6	$\mathcal{O}(2; \{2^{28}, 3^5, 6^4\})$	220320
6	$\mathcal{O}(2; \{2^{24}, 3^8, 6^4\})$	1770336
6	$\mathcal{O}(2; \{2^{20}, 3^{11}, 6^4\})$	14154912

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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	$\mathcal{O}(2; \{2^{16}, 3^{14}, 6^4\})$	113247072
6	$\mathcal{O}(2; \{2^{12}, 3^{17}, 6^4\})$	905968800
6	$\mathcal{O}(2; \{2^8, 3^{20}, 6^4\})$	7247758176
6	$\mathcal{O}(2; \{2^4, 3^{23}, 6^4\})$	57982057632
6	$\mathcal{O}(2; \{3^{26}, 6^4\})$	463856468832
6	$\mathcal{O}(2; \{2^{33}, 6^5\})$	12960
6	$\mathcal{O}(2; \{2^{29}, 3^3, 6^5\})$	111456
6	$\mathcal{O}(2; \{2^{25}, 3^6, 6^5\})$	883872
6	$\mathcal{O}(2; \{2^{21}, 3^9, 6^5\})$	7078752
6	$\mathcal{O}(2; \{2^{17}, 3^{12}, 6^5\})$	56622240
6	$\mathcal{O}(2; \{2^{13}, 3^{15}, 6^5\})$	452985696
6	$\mathcal{O}(2; \{2^9, 3^{18}, 6^5\})$	3623877792
6	$\mathcal{O}(2; \{2^5, 3^{21}, 6^5\})$	28991030112
6	$\mathcal{O}(2; \{2, 3^{24}, 6^5\})$	231928233120
6	$\mathcal{O}(2; \{2^{30}, 3, 6^6\})$	54432
6	$\mathcal{O}(2; \{2^{26}, 3^4, 6^6\})$	443232
6	$\mathcal{O}(2; \{2^{22}, 3^7, 6^6\})$	3538080
6	$\mathcal{O}(2; \{2^{18}, 3^{10}, 6^6\})$	28312416
6	$\mathcal{O}(2; \{2^{14}, 3^{13}, 6^6\})$	226491552
6	$\mathcal{O}(2; \{2^{10}, 3^{16}, 6^6\})$	1811940192
6	$\mathcal{O}(2; \{2^6, 3^{19}, 6^6\})$	14495513760
6	$\mathcal{O}(2; \{2^2, 3^{22}, 6^6\})$	115964117856
6	$\mathcal{O}(2; \{2^{27}, 3^2, 6^7\})$	220320
6	$\mathcal{O}(2; \{2^{23}, 3^5, 6^7\})$	1770336
6	$\mathcal{O}(2; \{2^{19}, 3^8, 6^7\})$	14154912
6	$\mathcal{O}(2; \{2^{15}, 3^{11}, 6^7\})$	113247072
6	$\mathcal{O}(2; \{2^{11}, 3^{14}, 6^7\})$	905968800
6	$\mathcal{O}(2; \{2^7, 3^{17}, 6^7\})$	7247758176
6	$\mathcal{O}(2; \{2^3, 3^{20}, 6^7\})$	57982057632
6	$\mathcal{O}(2; \{2^{28}, 6^8\})$	111456
6	$\mathcal{O}(2; \{2^{24}, 3^3, 6^8\})$	883872
6	$\mathcal{O}(2; \{2^{20}, 3^6, 6^8\})$	7078752
6	$\mathcal{O}(2; \{2^{16}, 3^9, 6^8\})$	56622240
6	$\mathcal{O}(2; \{2^{12}, 3^{12}, 6^8\})$	452985696
6	$\mathcal{O}(2; \{2^8, 3^{15}, 6^8\})$	3623877792
6	$\mathcal{O}(2; \{2^4, 3^{18}, 6^8\})$	28991030112
6	$\mathcal{O}(2; \{3^{21}, 6^8\})$	231928233120
6	$\mathcal{O}(2; \{2^{25}, 3, 6^9\})$	443232
6	$\mathcal{O}(2; \{2^{21}, 3^4, 6^9\})$	3538080
6	$\mathcal{O}(2; \{2^{17}, 3^7, 6^9\})$	28312416
6	$\mathcal{O}(2; \{2^{13}, 3^{10}, 6^9\})$	226491552
6	$\mathcal{O}(2; \{2^9, 3^{13}, 6^9\})$	1811940192
6	$\mathcal{O}(2; \{2^5, 3^{16}, 6^9\})$	14495513760

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{2^2, 3^7, 6^{18}\})$	14495513760
6	$\mathcal{O}(2; \{2^7, 3^2, 6^{19}\})$	905968800
6	$\mathcal{O}(2; \{2^3, 3^5, 6^{19}\})$	7247758176
6	$\mathcal{O}(2; \{2^8, 6^{20}\})$	452985696
6	$\mathcal{O}(2; \{2^4, 3^3, 6^{20}\})$	3623877792
6	$\mathcal{O}(2; \{3^6, 6^{20}\})$	28991030112
6	$\mathcal{O}(2; \{2^5, 3, 6^{21}\})$	1811940192
6	$\mathcal{O}(2; \{2, 3^4, 6^{21}\})$	14495513760
6	$\mathcal{O}(2; \{2^2, 3^2, 6^{22}\})$	7247758176
6	$\mathcal{O}(2; \{2^3, 6^{23}\})$	3623877792
6	$\mathcal{O}(2; \{3, 6^{24}\})$	14495513760
6	$\mathcal{O}(1; \{2^{40}, 3^4\})$	216
6	$\mathcal{O}(1; \{2^{36}, 3^7\})$	1512
6	$\mathcal{O}(1; \{2^{32}, 3^{10}\})$	12312
6	$\mathcal{O}(1; \{2^{28}, 3^{13}\})$	98280
6	$\mathcal{O}(1; \{2^{24}, 3^{16}\})$	786456
6	$\mathcal{O}(1; \{2^{20}, 3^{19}\})$	6291432
6	$\mathcal{O}(1; \{2^{16}, 3^{22}\})$	50331672
6	$\mathcal{O}(1; \{2^{12}, 3^{25}\})$	402653160
6	$\mathcal{O}(1; \{2^8, 3^{28}\})$	3221225496
6	$\mathcal{O}(1; \{2^4, 3^{31}\})$	25769803752
6	$\mathcal{O}(1; \{3^{34}\})$	154618822674
6	$\mathcal{O}(1; \{2^{41}, 3^2, 6\})$	72
6	$\mathcal{O}(1; \{2^{37}, 3^5, 6\})$	792
6	$\mathcal{O}(1; \{2^{33}, 3^8, 6\})$	6120
6	$\mathcal{O}(1; \{2^{29}, 3^{11}, 6\})$	49176
6	$\mathcal{O}(1; \{2^{25}, 3^{14}, 6\})$	393192
6	$\mathcal{O}(1; \{2^{21}, 3^{17}, 6\})$	3145752
6	$\mathcal{O}(1; \{2^{17}, 3^{20}, 6\})$	25165800
6	$\mathcal{O}(1; \{2^{13}, 3^{23}, 6\})$	201326616
6	$\mathcal{O}(1; \{2^9, 3^{26}, 6\})$	1610612712
6	$\mathcal{O}(1; \{2^5, 3^{29}, 6\})$	12884901912
6	$\mathcal{O}(1; \{2, 3^{32}, 6\})$	103079215080
6	$\mathcal{O}(1; \{2^{42}, 6^2\})$	72
6	$\mathcal{O}(1; \{2^{38}, 3^3, 6^2\})$	360
6	$\mathcal{O}(1; \{2^{34}, 3^6, 6^2\})$	3096
6	$\mathcal{O}(1; \{2^{30}, 3^9, 6^2\})$	24552
6	$\mathcal{O}(1; \{2^{26}, 3^{12}, 6^2\})$	196632
6	$\mathcal{O}(1; \{2^{22}, 3^{15}, 6^2\})$	1572840
6	$\mathcal{O}(1; \{2^{18}, 3^{18}, 6^2\})$	12582936
6	$\mathcal{O}(1; \{2^{14}, 3^{21}, 6^2\})$	100663272
6	$\mathcal{O}(1; \{2^{10}, 3^{24}, 6^2\})$	805306392
6	$\mathcal{O}(1; \{2^6, 3^{27}, 6^2\})$	6442450920

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Table 9 – continued from previous page

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

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Table 9 – continued from previous page

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

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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	$\mathcal{O}(1; \{2^{21}, 3^2, 6^{13}\})$	393192
6	$\mathcal{O}(1; \{2^{17}, 3^5, 6^{13}\})$	3145752
6	$\mathcal{O}(1; \{2^{13}, 3^8, 6^{13}\})$	25165800
6	$\mathcal{O}(1; \{2^9, 3^{11}, 6^{13}\})$	201326616
6	$\mathcal{O}(1; \{2^5, 3^{14}, 6^{13}\})$	1610612712
6	$\mathcal{O}(1; \{2, 3^{17}, 6^{13}\})$	12884901912
6	$\mathcal{O}(1; \{2^{22}, 6^{14}\})$	196632
6	$\mathcal{O}(1; \{2^{18}, 3^3, 6^{14}\})$	1572840
6	$\mathcal{O}(1; \{2^{14}, 3^6, 6^{14}\})$	12582936
6	$\mathcal{O}(1; \{2^{10}, 3^9, 6^{14}\})$	100663272
6	$\mathcal{O}(1; \{2^6, 3^{12}, 6^{14}\})$	805306392
6	$\mathcal{O}(1; \{2^2, 3^{15}, 6^{14}\})$	6442450920
6	$\mathcal{O}(1; \{2^{19}, 3, 6^{15}\})$	786456
6	$\mathcal{O}(1; \{2^{15}, 3^4, 6^{15}\})$	6291432
6	$\mathcal{O}(1; \{2^{11}, 3^7, 6^{15}\})$	50331672
6	$\mathcal{O}(1; \{2^7, 3^{10}, 6^{15}\})$	402653160
6	$\mathcal{O}(1; \{2^3, 3^{13}, 6^{15}\})$	3221225496
6	$\mathcal{O}(1; \{2^{16}, 3^2, 6^{16}\})$	3145752
6	$\mathcal{O}(1; \{2^{12}, 3^5, 6^{16}\})$	25165800
6	$\mathcal{O}(1; \{2^8, 3^8, 6^{16}\})$	201326616
6	$\mathcal{O}(1; \{2^4, 3^{11}, 6^{16}\})$	1610612712
6	$\mathcal{O}(1; \{3^{14}, 6^{16}\})$	12884901912
6	$\mathcal{O}(1; \{2^{17}, 6^{17}\})$	1572840
6	$\mathcal{O}(1; \{2^{13}, 3^3, 6^{17}\})$	12582936
6	$\mathcal{O}(1; \{2^9, 3^6, 6^{17}\})$	100663272
6	$\mathcal{O}(1; \{2^5, 3^9, 6^{17}\})$	805306392
6	$\mathcal{O}(1; \{2, 3^{12}, 6^{17}\})$	6442450920
6	$\mathcal{O}(1; \{2^{14}, 3, 6^{18}\})$	6291432
6	$\mathcal{O}(1; \{2^{10}, 3^4, 6^{18}\})$	50331672
6	$\mathcal{O}(1; \{2^6, 3^7, 6^{18}\})$	402653160
6	$\mathcal{O}(1; \{2^2, 3^{10}, 6^{18}\})$	3221225496
6	$\mathcal{O}(1; \{2^{11}, 3^2, 6^{19}\})$	25165800
6	$\mathcal{O}(1; \{2^7, 3^5, 6^{19}\})$	201326616
6	$\mathcal{O}(1; \{2^3, 3^8, 6^{19}\})$	1610612712
6	$\mathcal{O}(1; \{2^{12}, 6^{20}\})$	12582936
6	$\mathcal{O}(1; \{2^8, 3^3, 6^{20}\})$	100663272
6	$\mathcal{O}(1; \{2^4, 3^6, 6^{20}\})$	805306392
6	$\mathcal{O}(1; \{3^9, 6^{20}\})$	6442450920
6	$\mathcal{O}(1; \{2^9, 3, 6^{21}\})$	50331672
6	$\mathcal{O}(1; \{2^5, 3^4, 6^{21}\})$	402653160
6	$\mathcal{O}(1; \{2, 3^7, 6^{21}\})$	3221225496
6	$\mathcal{O}(1; \{2^6, 3^2, 6^{22}\})$	201326616
6	$\mathcal{O}(1; \{2^2, 3^5, 6^{22}\})$	1610612712

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^7, 6^{23}\})$	100663272
6	$\mathcal{O}(1; \{2^3, 3^3, 6^{23}\})$	805306392
6	$\mathcal{O}(1; \{2^4, 3, 6^{24}\})$	402653160
6	$\mathcal{O}(1; \{3^4, 6^{24}\})$	3221225496
6	$\mathcal{O}(1; \{2, 3^2, 6^{25}\})$	1610612712
6	$\mathcal{O}(1; \{2^2, 6^{26}\})$	805306392
6	$\mathcal{O}(0; \{2^{44}, 3^4\})$	6
6	$\mathcal{O}(0; \{2^{40}, 3^7\})$	42
6	$\mathcal{O}(0; \{2^{36}, 3^{10}\})$	342
6	$\mathcal{O}(0; \{2^{32}, 3^{13}\})$	2730
6	$\mathcal{O}(0; \{2^{28}, 3^{16}\})$	21846
6	$\mathcal{O}(0; \{2^{24}, 3^{19}\})$	174762
6	$\mathcal{O}(0; \{2^{20}, 3^{22}\})$	1398102
6	$\mathcal{O}(0; \{2^{16}, 3^{25}\})$	11184810
6	$\mathcal{O}(0; \{2^{12}, 3^{28}\})$	89478486
6	$\mathcal{O}(0; \{2^8, 3^{31}\})$	715827882
6	$\mathcal{O}(0; \{2^4, 3^{34}\})$	5726623062
6	$\mathcal{O}(0; \{2^{45}, 3^2, 6\})$	2
6	$\mathcal{O}(0; \{2^{41}, 3^5, 6\})$	22
6	$\mathcal{O}(0; \{2^{37}, 3^8, 6\})$	170
6	$\mathcal{O}(0; \{2^{33}, 3^{11}, 6\})$	1366
6	$\mathcal{O}(0; \{2^{29}, 3^{14}, 6\})$	10922
6	$\mathcal{O}(0; \{2^{25}, 3^{17}, 6\})$	87382
6	$\mathcal{O}(0; \{2^{21}, 3^{20}, 6\})$	699050
6	$\mathcal{O}(0; \{2^{17}, 3^{23}, 6\})$	5592406
6	$\mathcal{O}(0; \{2^{13}, 3^{26}, 6\})$	44739242
6	$\mathcal{O}(0; \{2^9, 3^{29}, 6\})$	357913942
6	$\mathcal{O}(0; \{2^5, 3^{32}, 6\})$	2863311530
6	$\mathcal{O}(0; \{2, 3^{35}, 6\})$	22906492246
6	$\mathcal{O}(0; \{2^{46}, 6^2\})$	2
6	$\mathcal{O}(0; \{2^{42}, 3^3, 6^2\})$	10
6	$\mathcal{O}(0; \{2^{38}, 3^6, 6^2\})$	86
6	$\mathcal{O}(0; \{2^{34}, 3^9, 6^2\})$	682
6	$\mathcal{O}(0; \{2^{30}, 3^{12}, 6^2\})$	5462
6	$\mathcal{O}(0; \{2^{26}, 3^{15}, 6^2\})$	43690
6	$\mathcal{O}(0; \{2^{22}, 3^{18}, 6^2\})$	349526
6	$\mathcal{O}(0; \{2^{18}, 3^{21}, 6^2\})$	2796202
6	$\mathcal{O}(0; \{2^{14}, 3^{24}, 6^2\})$	22369622
6	$\mathcal{O}(0; \{2^{10}, 3^{27}, 6^2\})$	178956970
6	$\mathcal{O}(0; \{2^6, 3^{30}, 6^2\})$	1431655766
6	$\mathcal{O}(0; \{2^2, 3^{33}, 6^2\})$	11453246122
6	$\mathcal{O}(0; \{2^{43}, 3, 6^3\})$	6
6	$\mathcal{O}(0; \{2^{39}, 3^4, 6^3\})$	42

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Table 9 – continued from previous page

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

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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	$\mathcal{O}(0; \{2^{27}, 3^8, 6^7\})$	10922
6	$\mathcal{O}(0; \{2^{23}, 3^{11}, 6^7\})$	87382
6	$\mathcal{O}(0; \{2^{19}, 3^{14}, 6^7\})$	699050
6	$\mathcal{O}(0; \{2^{15}, 3^{17}, 6^7\})$	5592406
6	$\mathcal{O}(0; \{2^{11}, 3^{20}, 6^7\})$	44739242
6	$\mathcal{O}(0; \{2^7, 3^{23}, 6^7\})$	357913942
6	$\mathcal{O}(0; \{2^3, 3^{26}, 6^7\})$	2863311530
6	$\mathcal{O}(0; \{2^{36}, 6^8\})$	86
6	$\mathcal{O}(0; \{2^{32}, 3^3, 6^8\})$	682
6	$\mathcal{O}(0; \{2^{28}, 3^6, 6^8\})$	5462
6	$\mathcal{O}(0; \{2^{24}, 3^9, 6^8\})$	43690
6	$\mathcal{O}(0; \{2^{20}, 3^{12}, 6^8\})$	349526
6	$\mathcal{O}(0; \{2^{16}, 3^{15}, 6^8\})$	2796202
6	$\mathcal{O}(0; \{2^{12}, 3^{18}, 6^8\})$	22369622
6	$\mathcal{O}(0; \{2^8, 3^{21}, 6^8\})$	178956970
6	$\mathcal{O}(0; \{2^4, 3^{24}, 6^8\})$	1431655766
6	$\mathcal{O}(0; \{3^{27}, 6^8\})$	11453246122
6	$\mathcal{O}(0; \{2^{33}, 3, 6^9\})$	342
6	$\mathcal{O}(0; \{2^{29}, 3^4, 6^9\})$	2730
6	$\mathcal{O}(0; \{2^{25}, 3^7, 6^9\})$	21846
6	$\mathcal{O}(0; \{2^{21}, 3^{10}, 6^9\})$	174762
6	$\mathcal{O}(0; \{2^{17}, 3^{13}, 6^9\})$	1398102
6	$\mathcal{O}(0; \{2^{13}, 3^{16}, 6^9\})$	11184810
6	$\mathcal{O}(0; \{2^9, 3^{19}, 6^9\})$	89478486
6	$\mathcal{O}(0; \{2^5, 3^{22}, 6^9\})$	715827882
6	$\mathcal{O}(0; \{2, 3^{25}, 6^9\})$	5726623062
6	$\mathcal{O}(0; \{2^{30}, 3^2, 6^{10}\})$	1366
6	$\mathcal{O}(0; \{2^{26}, 3^5, 6^{10}\})$	10922
6	$\mathcal{O}(0; \{2^{22}, 3^8, 6^{10}\})$	87382
6	$\mathcal{O}(0; \{2^{18}, 3^{11}, 6^{10}\})$	699050
6	$\mathcal{O}(0; \{2^{14}, 3^{14}, 6^{10}\})$	5592406
6	$\mathcal{O}(0; \{2^{10}, 3^{17}, 6^{10}\})$	44739242
6	$\mathcal{O}(0; \{2^6, 3^{20}, 6^{10}\})$	357913942
6	$\mathcal{O}(0; \{2^2, 3^{23}, 6^{10}\})$	2863311530
6	$\mathcal{O}(0; \{2^{31}, 6^{11}\})$	682
6	$\mathcal{O}(0; \{2^{27}, 3^3, 6^{11}\})$	5462
6	$\mathcal{O}(0; \{2^{23}, 3^6, 6^{11}\})$	43690
6	$\mathcal{O}(0; \{2^{19}, 3^9, 6^{11}\})$	349526
6	$\mathcal{O}(0; \{2^{15}, 3^{12}, 6^{11}\})$	2796202
6	$\mathcal{O}(0; \{2^{11}, 3^{15}, 6^{11}\})$	22369622
6	$\mathcal{O}(0; \{2^7, 3^{18}, 6^{11}\})$	178956970
6	$\mathcal{O}(0; \{2^3, 3^{21}, 6^{11}\})$	1431655766
6	$\mathcal{O}(0; \{2^{28}, 3, 6^{12}\})$	2730

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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	$\mathcal{O}(0; \{2^{24}, 3^4, 6^{12}\})$	21846
6	$\mathcal{O}(0; \{2^{20}, 3^7, 6^{12}\})$	174762
6	$\mathcal{O}(0; \{2^{16}, 3^{10}, 6^{12}\})$	1398102
6	$\mathcal{O}(0; \{2^{12}, 3^{13}, 6^{12}\})$	11184810
6	$\mathcal{O}(0; \{2^8, 3^{16}, 6^{12}\})$	89478486
6	$\mathcal{O}(0; \{2^4, 3^{19}, 6^{12}\})$	715827882
6	$\mathcal{O}(0; \{3^{22}, 6^{12}\})$	5726623062
6	$\mathcal{O}(0; \{2^{25}, 3^2, 6^{13}\})$	10922
6	$\mathcal{O}(0; \{2^{21}, 3^5, 6^{13}\})$	87382
6	$\mathcal{O}(0; \{2^{17}, 3^8, 6^{13}\})$	699050
6	$\mathcal{O}(0; \{2^{13}, 3^{11}, 6^{13}\})$	5592406
6	$\mathcal{O}(0; \{2^9, 3^{14}, 6^{13}\})$	44739242
6	$\mathcal{O}(0; \{2^5, 3^{17}, 6^{13}\})$	357913942
6	$\mathcal{O}(0; \{2, 3^{20}, 6^{13}\})$	2863311530
6	$\mathcal{O}(0; \{2^{26}, 6^{14}\})$	5462
6	$\mathcal{O}(0; \{2^{22}, 3^3, 6^{14}\})$	43690
6	$\mathcal{O}(0; \{2^{18}, 3^6, 6^{14}\})$	349526
6	$\mathcal{O}(0; \{2^{14}, 3^9, 6^{14}\})$	2796202
6	$\mathcal{O}(0; \{2^{10}, 3^{12}, 6^{14}\})$	22369622
6	$\mathcal{O}(0; \{2^6, 3^{15}, 6^{14}\})$	178956970
6	$\mathcal{O}(0; \{2^2, 3^{18}, 6^{14}\})$	1431655766
6	$\mathcal{O}(0; \{2^{23}, 3, 6^{15}\})$	21846
6	$\mathcal{O}(0; \{2^{19}, 3^4, 6^{15}\})$	174762
6	$\mathcal{O}(0; \{2^{15}, 3^7, 6^{15}\})$	1398102
6	$\mathcal{O}(0; \{2^{11}, 3^{10}, 6^{15}\})$	11184810
6	$\mathcal{O}(0; \{2^7, 3^{13}, 6^{15}\})$	89478486
6	$\mathcal{O}(0; \{2^3, 3^{16}, 6^{15}\})$	715827882
6	$\mathcal{O}(0; \{2^{20}, 3^2, 6^{16}\})$	87382
6	$\mathcal{O}(0; \{2^{16}, 3^5, 6^{16}\})$	699050
6	$\mathcal{O}(0; \{2^{12}, 3^8, 6^{16}\})$	5592406
6	$\mathcal{O}(0; \{2^8, 3^{11}, 6^{16}\})$	44739242
6	$\mathcal{O}(0; \{2^4, 3^{14}, 6^{16}\})$	357913942
6	$\mathcal{O}(0; \{3^{17}, 6^{16}\})$	2863311530
6	$\mathcal{O}(0; \{2^{21}, 6^{17}\})$	43690
6	$\mathcal{O}(0; \{2^{17}, 3^3, 6^{17}\})$	349526
6	$\mathcal{O}(0; \{2^{13}, 3^6, 6^{17}\})$	2796202
6	$\mathcal{O}(0; \{2^9, 3^9, 6^{17}\})$	22369622
6	$\mathcal{O}(0; \{2^5, 3^{12}, 6^{17}\})$	178956970
6	$\mathcal{O}(0; \{2, 3^{15}, 6^{17}\})$	1431655766
6	$\mathcal{O}(0; \{2^{18}, 3, 6^{18}\})$	174762
6	$\mathcal{O}(0; \{2^{14}, 3^4, 6^{18}\})$	1398102
6	$\mathcal{O}(0; \{2^{10}, 3^7, 6^{18}\})$	11184810
6	$\mathcal{O}(0; \{2^6, 3^{10}, 6^{18}\})$	89478486

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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	$\mathcal{O}(0; \{2^2, 3^{13}, 6^{18}\})$	715827882
6	$\mathcal{O}(0; \{2^{15}, 3^2, 6^{19}\})$	699050
6	$\mathcal{O}(0; \{2^{11}, 3^5, 6^{19}\})$	5592406
6	$\mathcal{O}(0; \{2^7, 3^8, 6^{19}\})$	44739242
6	$\mathcal{O}(0; \{2^3, 3^{11}, 6^{19}\})$	357913942
6	$\mathcal{O}(0; \{2^{16}, 6^{20}\})$	349526
6	$\mathcal{O}(0; \{2^{12}, 3^3, 6^{20}\})$	2796202
6	$\mathcal{O}(0; \{2^8, 3^6, 6^{20}\})$	22369622
6	$\mathcal{O}(0; \{2^4, 3^9, 6^{20}\})$	178956970
6	$\mathcal{O}(0; \{3^{12}, 6^{20}\})$	1431655766
6	$\mathcal{O}(0; \{2^{13}, 3, 6^{21}\})$	1398102
6	$\mathcal{O}(0; \{2^9, 3^4, 6^{21}\})$	11184810
6	$\mathcal{O}(0; \{2^5, 3^7, 6^{21}\})$	89478486
6	$\mathcal{O}(0; \{2, 3^{10}, 6^{21}\})$	715827882
6	$\mathcal{O}(0; \{2^{10}, 3^2, 6^{22}\})$	5592406
6	$\mathcal{O}(0; \{2^6, 3^5, 6^{22}\})$	44739242
6	$\mathcal{O}(0; \{2^2, 3^8, 6^{22}\})$	357913942
6	$\mathcal{O}(0; \{2^{11}, 6^{23}\})$	2796202
6	$\mathcal{O}(0; \{2^7, 3^3, 6^{23}\})$	22369622
6	$\mathcal{O}(0; \{2^3, 3^6, 6^{23}\})$	178956970
6	$\mathcal{O}(0; \{2^8, 3, 6^{24}\})$	11184810
6	$\mathcal{O}(0; \{2^4, 3^4, 6^{24}\})$	89478486
6	$\mathcal{O}(0; \{3^7, 6^{24}\})$	715827882
6	$\mathcal{O}(0; \{2^5, 3^2, 6^{25}\})$	44739242
6	$\mathcal{O}(0; \{2, 3^5, 6^{25}\})$	357913942
6	$\mathcal{O}(0; \{2^6, 6^{26}\})$	22369622
6	$\mathcal{O}(0; \{2^2, 3^3, 6^{26}\})$	178956970
6	$\mathcal{O}(0; \{2^3, 3, 6^{27}\})$	89478486
6	$\mathcal{O}(0; \{3^2, 6^{28}\})$	357913942
6	$\mathcal{O}(0; \{2, 6^{29}\})$	178956970
7	$\mathcal{O}(9; \{7^4\})$	302884929211343514
7	$\mathcal{O}(6; \{7^{11}\})$	717368309246508150
7	$\mathcal{O}(3; \{7^{18}\})$	1706918191726168554
7	$\mathcal{O}(0; \{7^{25}\})$	4061469718561385910
8	$\mathcal{O}(9; \{2^2\})$	18014329790005248
8	$\mathcal{O}(8; \{2^6\})$	281470681743360
8	$\mathcal{O}(8; \{2^3, 4^2\})$	562941363486720
8	$\mathcal{O}(8; \{4^4\})$	2251765453946880
8	$\mathcal{O}(8; \{2, 4, 8^2\})$	2251799813685248
8	$\mathcal{O}(7; \{2^{10}\})$	4397778075648
8	$\mathcal{O}(7; \{2^7, 4^2\})$	8795556151296
8	$\mathcal{O}(7; \{2^4, 4^4\})$	35182224605184
8	$\mathcal{O}(7; \{2, 4^6\})$	140728898420736

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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	$\mathcal{O}(7; \{2^5, 4, 8^2\})$	35184372088832
8	$\mathcal{O}(7; \{2^2, 4^3, 8^2\})$	140737488355328
8	$\mathcal{O}(7; \{2^3, 8^4\})$	281474976710656
8	$\mathcal{O}(7; \{4^2, 8^4\})$	1125899906842624
8	$\mathcal{O}(6; \{2^{14}\})$	68702699520
8	$\mathcal{O}(6; \{2^{11}, 4^2\})$	137405399040
8	$\mathcal{O}(6; \{2^8, 4^4\})$	549621596160
8	$\mathcal{O}(6; \{2^5, 4^6\})$	2198486384640
8	$\mathcal{O}(6; \{2^2, 4^8\})$	8793945538560
8	$\mathcal{O}(6; \{2^9, 4, 8^2\})$	549755813888
8	$\mathcal{O}(6; \{2^6, 4^3, 8^2\})$	2199023255552
8	$\mathcal{O}(6; \{2^3, 4^5, 8^2\})$	8796093022208
8	$\mathcal{O}(6; \{4^7, 8^2\})$	35184372088832
8	$\mathcal{O}(6; \{2^7, 8^4\})$	4398046511104
8	$\mathcal{O}(6; \{2^4, 4^2, 8^4\})$	17592186044416
8	$\mathcal{O}(6; \{2, 4^4, 8^4\})$	70368744177664
8	$\mathcal{O}(6; \{2^2, 4, 8^6\})$	140737488355328
8	$\mathcal{O}(6; \{8^8\})$	1125899906842624
8	$\mathcal{O}(5; \{2^{18}\})$	1072693248
8	$\mathcal{O}(5; \{2^{15}, 4^2\})$	2145386496
8	$\mathcal{O}(5; \{2^{12}, 4^4\})$	8581545984
8	$\mathcal{O}(5; \{2^9, 4^6\})$	34326183936
8	$\mathcal{O}(5; \{2^6, 4^8\})$	137304735744
8	$\mathcal{O}(5; \{2^3, 4^{10}\})$	549218942976
8	$\mathcal{O}(5; \{4^{12}\})$	2196875771904
8	$\mathcal{O}(5; \{2^{13}, 4, 8^2\})$	8589934592
8	$\mathcal{O}(5; \{2^{10}, 4^3, 8^2\})$	34359738368
8	$\mathcal{O}(5; \{2^7, 4^5, 8^2\})$	137438953472
8	$\mathcal{O}(5; \{2^4, 4^7, 8^2\})$	549755813888
8	$\mathcal{O}(5; \{2, 4^9, 8^2\})$	2199023255552
8	$\mathcal{O}(5; \{2^{11}, 8^4\})$	68719476736
8	$\mathcal{O}(5; \{2^8, 4^2, 8^4\})$	274877906944
8	$\mathcal{O}(5; \{2^5, 4^4, 8^4\})$	1099511627776
8	$\mathcal{O}(5; \{2^2, 4^6, 8^4\})$	4398046511104
8	$\mathcal{O}(5; \{2^6, 4, 8^6\})$	2199023255552
8	$\mathcal{O}(5; \{2^3, 4^3, 8^6\})$	8796093022208
8	$\mathcal{O}(5; \{4^5, 8^6\})$	35184372088832
8	$\mathcal{O}(5; \{2^4, 8^8\})$	17592186044416
8	$\mathcal{O}(5; \{2, 4^2, 8^8\})$	70368744177664
8	$\mathcal{O}(4; \{2^{22}\})$	16711680
8	$\mathcal{O}(4; \{2^{19}, 4^2\})$	33423360
8	$\mathcal{O}(4; \{2^{16}, 4^4\})$	133693440
8	$\mathcal{O}(4; \{2^{13}, 4^6\})$	534773760

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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	$\mathcal{O}(4; \{2^{10}, 4^8\})$	2139095040
8	$\mathcal{O}(4; \{2^7, 4^{10}\})$	8556380160
8	$\mathcal{O}(4; \{2^4, 4^{12}\})$	34225520640
8	$\mathcal{O}(4; \{2, 4^{14}\})$	136902082560
8	$\mathcal{O}(4; \{2^{17}, 4, 8^2\})$	134217728
8	$\mathcal{O}(4; \{2^{14}, 4^3, 8^2\})$	536870912
8	$\mathcal{O}(4; \{2^{11}, 4^5, 8^2\})$	2147483648
8	$\mathcal{O}(4; \{2^8, 4^7, 8^2\})$	8589934592
8	$\mathcal{O}(4; \{2^5, 4^9, 8^2\})$	34359738368
8	$\mathcal{O}(4; \{2^2, 4^{11}, 8^2\})$	137438953472
8	$\mathcal{O}(4; \{2^{15}, 8^4\})$	1073741824
8	$\mathcal{O}(4; \{2^{12}, 4^2, 8^4\})$	4294967296
8	$\mathcal{O}(4; \{2^9, 4^4, 8^4\})$	17179869184
8	$\mathcal{O}(4; \{2^6, 4^6, 8^4\})$	68719476736
8	$\mathcal{O}(4; \{2^3, 4^8, 8^4\})$	274877906944
8	$\mathcal{O}(4; \{4^{10}, 8^4\})$	1099511627776
8	$\mathcal{O}(4; \{2^{10}, 4, 8^6\})$	34359738368
8	$\mathcal{O}(4; \{2^7, 4^3, 8^6\})$	137438953472
8	$\mathcal{O}(4; \{2^4, 4^5, 8^6\})$	549755813888
8	$\mathcal{O}(4; \{2, 4^7, 8^6\})$	2199023255552
8	$\mathcal{O}(4; \{2^8, 8^8\})$	274877906944
8	$\mathcal{O}(4; \{2^5, 4^2, 8^8\})$	1099511627776
8	$\mathcal{O}(4; \{2^2, 4^4, 8^8\})$	4398046511104
8	$\mathcal{O}(4; \{2^3, 4, 8^{10}\})$	8796093022208
8	$\mathcal{O}(4; \{4^3, 8^{10}\})$	35184372088832
8	$\mathcal{O}(4; \{2, 8^{12}\})$	70368744177664
8	$\mathcal{O}(3; \{2^{26}\})$	258048
8	$\mathcal{O}(3; \{2^{23}, 4^2\})$	516096
8	$\mathcal{O}(3; \{2^{20}, 4^4\})$	2064384
8	$\mathcal{O}(3; \{2^{17}, 4^6\})$	8257536
8	$\mathcal{O}(3; \{2^{14}, 4^8\})$	33030144
8	$\mathcal{O}(3; \{2^{11}, 4^{10}\})$	132120576
8	$\mathcal{O}(3; \{2^8, 4^{12}\})$	528482304
8	$\mathcal{O}(3; \{2^5, 4^{14}\})$	2113929216
8	$\mathcal{O}(3; \{2^2, 4^{16}\})$	8455716864
8	$\mathcal{O}(3; \{2^{21}, 4, 8^2\})$	2097152
8	$\mathcal{O}(3; \{2^{18}, 4^3, 8^2\})$	8388608
8	$\mathcal{O}(3; \{2^{15}, 4^5, 8^2\})$	33554432
8	$\mathcal{O}(3; \{2^{12}, 4^7, 8^2\})$	134217728
8	$\mathcal{O}(3; \{2^9, 4^9, 8^2\})$	536870912
8	$\mathcal{O}(3; \{2^6, 4^{11}, 8^2\})$	2147483648
8	$\mathcal{O}(3; \{2^3, 4^{13}, 8^2\})$	8589934592
8	$\mathcal{O}(3; \{4^{15}, 8^2\})$	34359738368

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{2^{19}, 8^4\})$	16777216
8	$\mathcal{O}(3; \{2^{16}, 4^2, 8^4\})$	67108864
8	$\mathcal{O}(3; \{2^{13}, 4^4, 8^4\})$	268435456
8	$\mathcal{O}(3; \{2^{10}, 4^6, 8^4\})$	1073741824
8	$\mathcal{O}(3; \{2^7, 4^8, 8^4\})$	4294967296
8	$\mathcal{O}(3; \{2^4, 4^{10}, 8^4\})$	17179869184
8	$\mathcal{O}(3; \{2, 4^{12}, 8^4\})$	68719476736
8	$\mathcal{O}(3; \{2^{14}, 4, 8^6\})$	536870912
8	$\mathcal{O}(3; \{2^{11}, 4^3, 8^6\})$	2147483648
8	$\mathcal{O}(3; \{2^8, 4^5, 8^6\})$	8589934592
8	$\mathcal{O}(3; \{2^5, 4^7, 8^6\})$	34359738368
8	$\mathcal{O}(3; \{2^2, 4^9, 8^6\})$	137438953472
8	$\mathcal{O}(3; \{2^{12}, 8^8\})$	4294967296
8	$\mathcal{O}(3; \{2^9, 4^2, 8^8\})$	17179869184
8	$\mathcal{O}(3; \{2^6, 4^4, 8^8\})$	68719476736
8	$\mathcal{O}(3; \{2^3, 4^6, 8^8\})$	274877906944
8	$\mathcal{O}(3; \{4^8, 8^8\})$	1099511627776
8	$\mathcal{O}(3; \{2^7, 4, 8^{10}\})$	137438953472
8	$\mathcal{O}(3; \{2^4, 4^3, 8^{10}\})$	549755813888
8	$\mathcal{O}(3; \{2, 4^5, 8^{10}\})$	2199023255552
8	$\mathcal{O}(3; \{2^5, 8^{12}\})$	1099511627776
8	$\mathcal{O}(3; \{2^2, 4^2, 8^{12}\})$	4398046511104
8	$\mathcal{O}(3; \{4, 8^{14}\})$	35184372088832
8	$\mathcal{O}(2; \{2^{30}\})$	3840
8	$\mathcal{O}(2; \{2^{27}, 4^2\})$	7680
8	$\mathcal{O}(2; \{2^{24}, 4^4\})$	30720
8	$\mathcal{O}(2; \{2^{21}, 4^6\})$	122880
8	$\mathcal{O}(2; \{2^{18}, 4^8\})$	491520
8	$\mathcal{O}(2; \{2^{15}, 4^{10}\})$	1966080
8	$\mathcal{O}(2; \{2^{12}, 4^{12}\})$	7864320
8	$\mathcal{O}(2; \{2^9, 4^{14}\})$	31457280
8	$\mathcal{O}(2; \{2^6, 4^{16}\})$	125829120
8	$\mathcal{O}(2; \{2^3, 4^{18}\})$	503316480
8	$\mathcal{O}(2; \{4^{20}\})$	2013265920
8	$\mathcal{O}(2; \{2^{25}, 4, 8^2\})$	32768
8	$\mathcal{O}(2; \{2^{22}, 4^3, 8^2\})$	131072
8	$\mathcal{O}(2; \{2^{19}, 4^5, 8^2\})$	524288
8	$\mathcal{O}(2; \{2^{16}, 4^7, 8^2\})$	2097152
8	$\mathcal{O}(2; \{2^{13}, 4^9, 8^2\})$	8388608
8	$\mathcal{O}(2; \{2^{10}, 4^{11}, 8^2\})$	33554432
8	$\mathcal{O}(2; \{2^7, 4^{13}, 8^2\})$	134217728
8	$\mathcal{O}(2; \{2^4, 4^{15}, 8^2\})$	536870912
8	$\mathcal{O}(2; \{2, 4^{17}, 8^2\})$	2147483648

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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	$\mathcal{O}(2; \{2^{23}, 8^4\})$	262144
8	$\mathcal{O}(2; \{2^{20}, 4^2, 8^4\})$	1048576
8	$\mathcal{O}(2; \{2^{17}, 4^4, 8^4\})$	4194304
8	$\mathcal{O}(2; \{2^{14}, 4^6, 8^4\})$	16777216
8	$\mathcal{O}(2; \{2^{11}, 4^8, 8^4\})$	67108864
8	$\mathcal{O}(2; \{2^8, 4^{10}, 8^4\})$	268435456
8	$\mathcal{O}(2; \{2^5, 4^{12}, 8^4\})$	1073741824
8	$\mathcal{O}(2; \{2^2, 4^{14}, 8^4\})$	4294967296
8	$\mathcal{O}(2; \{2^{18}, 4, 8^6\})$	8388608
8	$\mathcal{O}(2; \{2^{15}, 4^3, 8^6\})$	33554432
8	$\mathcal{O}(2; \{2^{12}, 4^5, 8^6\})$	134217728
8	$\mathcal{O}(2; \{2^9, 4^7, 8^6\})$	536870912
8	$\mathcal{O}(2; \{2^6, 4^9, 8^6\})$	2147483648
8	$\mathcal{O}(2; \{2^3, 4^{11}, 8^6\})$	8589934592
8	$\mathcal{O}(2; \{4^{13}, 8^6\})$	34359738368
8	$\mathcal{O}(2; \{2^{16}, 8^8\})$	67108864
8	$\mathcal{O}(2; \{2^{13}, 4^2, 8^8\})$	268435456
8	$\mathcal{O}(2; \{2^{10}, 4^4, 8^8\})$	1073741824
8	$\mathcal{O}(2; \{2^7, 4^6, 8^8\})$	4294967296
8	$\mathcal{O}(2; \{2^4, 4^8, 8^8\})$	17179869184
8	$\mathcal{O}(2; \{2, 4^{10}, 8^8\})$	68719476736
8	$\mathcal{O}(2; \{2^{11}, 4, 8^{10}\})$	2147483648
8	$\mathcal{O}(2; \{2^8, 4^3, 8^{10}\})$	8589934592
8	$\mathcal{O}(2; \{2^5, 4^5, 8^{10}\})$	34359738368
8	$\mathcal{O}(2; \{2^2, 4^7, 8^{10}\})$	137438953472
8	$\mathcal{O}(2; \{2^9, 8^{12}\})$	17179869184
8	$\mathcal{O}(2; \{2^6, 4^2, 8^{12}\})$	68719476736
8	$\mathcal{O}(2; \{2^3, 4^4, 8^{12}\})$	274877906944
8	$\mathcal{O}(2; \{4^6, 8^{12}\})$	1099511627776
8	$\mathcal{O}(2; \{2^4, 4, 8^{14}\})$	549755813888
8	$\mathcal{O}(2; \{2, 4^3, 8^{14}\})$	2199023255552
8	$\mathcal{O}(2; \{2^2, 8^{16}\})$	4398046511104
8	$\mathcal{O}(1; \{2^{34}\})$	48
8	$\mathcal{O}(1; \{2^{31}, 4^2\})$	96
8	$\mathcal{O}(1; \{2^{28}, 4^4\})$	384
8	$\mathcal{O}(1; \{2^{25}, 4^6\})$	1536
8	$\mathcal{O}(1; \{2^{22}, 4^8\})$	6144
8	$\mathcal{O}(1; \{2^{19}, 4^{10}\})$	24576
8	$\mathcal{O}(1; \{2^{16}, 4^{12}\})$	98304
8	$\mathcal{O}(1; \{2^{13}, 4^{14}\})$	393216
8	$\mathcal{O}(1; \{2^{10}, 4^{16}\})$	1572864
8	$\mathcal{O}(1; \{2^7, 4^{18}\})$	6291456
8	$\mathcal{O}(1; \{2^4, 4^{20}\})$	25165824

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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	$\mathcal{O}(1; \{2, 4^{22}\})$	100663296
8	$\mathcal{O}(1; \{2^{29}, 4, 8^2\})$	512
8	$\mathcal{O}(1; \{2^{26}, 4^3, 8^2\})$	2048
8	$\mathcal{O}(1; \{2^{23}, 4^5, 8^2\})$	8192
8	$\mathcal{O}(1; \{2^{20}, 4^7, 8^2\})$	32768
8	$\mathcal{O}(1; \{2^{17}, 4^9, 8^2\})$	131072
8	$\mathcal{O}(1; \{2^{14}, 4^{11}, 8^2\})$	524288
8	$\mathcal{O}(1; \{2^{11}, 4^{13}, 8^2\})$	2097152
8	$\mathcal{O}(1; \{2^8, 4^{15}, 8^2\})$	8388608
8	$\mathcal{O}(1; \{2^5, 4^{17}, 8^2\})$	33554432
8	$\mathcal{O}(1; \{2^2, 4^{19}, 8^2\})$	134217728
8	$\mathcal{O}(1; \{2^{27}, 8^4\})$	4096
8	$\mathcal{O}(1; \{2^{24}, 4^2, 8^4\})$	16384
8	$\mathcal{O}(1; \{2^{21}, 4^4, 8^4\})$	65536
8	$\mathcal{O}(1; \{2^{18}, 4^6, 8^4\})$	262144
8	$\mathcal{O}(1; \{2^{15}, 4^8, 8^4\})$	1048576
8	$\mathcal{O}(1; \{2^{12}, 4^{10}, 8^4\})$	4194304
8	$\mathcal{O}(1; \{2^9, 4^{12}, 8^4\})$	16777216
8	$\mathcal{O}(1; \{2^6, 4^{14}, 8^4\})$	67108864
8	$\mathcal{O}(1; \{2^3, 4^{16}, 8^4\})$	268435456
8	$\mathcal{O}(1; \{4^{18}, 8^4\})$	1073741824
8	$\mathcal{O}(1; \{2^{22}, 4, 8^6\})$	131072
8	$\mathcal{O}(1; \{2^{19}, 4^3, 8^6\})$	524288
8	$\mathcal{O}(1; \{2^{16}, 4^5, 8^6\})$	2097152
8	$\mathcal{O}(1; \{2^{13}, 4^7, 8^6\})$	8388608
8	$\mathcal{O}(1; \{2^{10}, 4^9, 8^6\})$	33554432
8	$\mathcal{O}(1; \{2^7, 4^{11}, 8^6\})$	134217728
8	$\mathcal{O}(1; \{2^4, 4^{13}, 8^6\})$	536870912
8	$\mathcal{O}(1; \{2, 4^{15}, 8^6\})$	2147483648
8	$\mathcal{O}(1; \{2^{20}, 8^8\})$	1048576
8	$\mathcal{O}(1; \{2^{17}, 4^2, 8^8\})$	4194304
8	$\mathcal{O}(1; \{2^{14}, 4^4, 8^8\})$	16777216
8	$\mathcal{O}(1; \{2^{11}, 4^6, 8^8\})$	67108864
8	$\mathcal{O}(1; \{2^8, 4^8, 8^8\})$	268435456
8	$\mathcal{O}(1; \{2^5, 4^{10}, 8^8\})$	1073741824
8	$\mathcal{O}(1; \{2^2, 4^{12}, 8^8\})$	4294967296
8	$\mathcal{O}(1; \{2^{15}, 4, 8^{10}\})$	33554432
8	$\mathcal{O}(1; \{2^{12}, 4^3, 8^{10}\})$	134217728
8	$\mathcal{O}(1; \{2^9, 4^5, 8^{10}\})$	536870912
8	$\mathcal{O}(1; \{2^6, 4^7, 8^{10}\})$	2147483648
8	$\mathcal{O}(1; \{2^3, 4^9, 8^{10}\})$	8589934592
8	$\mathcal{O}(1; \{4^{11}, 8^{10}\})$	34359738368
8	$\mathcal{O}(1; \{2^{13}, 8^{12}\})$	268435456

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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	$\mathcal{O}(1; \{2^{10}, 4^2, 8^{12}\})$	1073741824
8	$\mathcal{O}(1; \{2^7, 4^4, 8^{12}\})$	4294967296
8	$\mathcal{O}(1; \{2^4, 4^6, 8^{12}\})$	17179869184
8	$\mathcal{O}(1; \{2, 4^8, 8^{12}\})$	68719476736
8	$\mathcal{O}(1; \{2^8, 4, 8^{14}\})$	8589934592
8	$\mathcal{O}(1; \{2^5, 4^3, 8^{14}\})$	34359738368
8	$\mathcal{O}(1; \{2^2, 4^5, 8^{14}\})$	137438953472
8	$\mathcal{O}(1; \{2^6, 8^{16}\})$	68719476736
8	$\mathcal{O}(1; \{2^3, 4^2, 8^{16}\})$	274877906944
8	$\mathcal{O}(1; \{4^4, 8^{16}\})$	1099511627776
8	$\mathcal{O}(1; \{2, 4, 8^{18}\})$	2199023255552
8	$\mathcal{O}(0; \{2^{33}, 4, 8^2\})$	8
8	$\mathcal{O}(0; \{2^{30}, 4^3, 8^2\})$	32
8	$\mathcal{O}(0; \{2^{27}, 4^5, 8^2\})$	128
8	$\mathcal{O}(0; \{2^{24}, 4^7, 8^2\})$	512
8	$\mathcal{O}(0; \{2^{21}, 4^9, 8^2\})$	2048
8	$\mathcal{O}(0; \{2^{18}, 4^{11}, 8^2\})$	8192
8	$\mathcal{O}(0; \{2^{15}, 4^{13}, 8^2\})$	32768
8	$\mathcal{O}(0; \{2^{12}, 4^{15}, 8^2\})$	131072
8	$\mathcal{O}(0; \{2^9, 4^{17}, 8^2\})$	524288
8	$\mathcal{O}(0; \{2^6, 4^{19}, 8^2\})$	2097152
8	$\mathcal{O}(0; \{2^3, 4^{21}, 8^2\})$	8388608
8	$\mathcal{O}(0; \{4^{23}, 8^2\})$	33554432
8	$\mathcal{O}(0; \{2^{31}, 8^4\})$	64
8	$\mathcal{O}(0; \{2^{28}, 4^2, 8^4\})$	256
8	$\mathcal{O}(0; \{2^{25}, 4^4, 8^4\})$	1024
8	$\mathcal{O}(0; \{2^{22}, 4^6, 8^4\})$	4096
8	$\mathcal{O}(0; \{2^{19}, 4^8, 8^4\})$	16384
8	$\mathcal{O}(0; \{2^{16}, 4^{10}, 8^4\})$	65536
8	$\mathcal{O}(0; \{2^{13}, 4^{12}, 8^4\})$	262144
8	$\mathcal{O}(0; \{2^{10}, 4^{14}, 8^4\})$	1048576
8	$\mathcal{O}(0; \{2^7, 4^{16}, 8^4\})$	4194304
8	$\mathcal{O}(0; \{2^4, 4^{18}, 8^4\})$	16777216
8	$\mathcal{O}(0; \{2, 4^{20}, 8^4\})$	67108864
8	$\mathcal{O}(0; \{2^{26}, 4, 8^6\})$	2048
8	$\mathcal{O}(0; \{2^{23}, 4^3, 8^6\})$	8192
8	$\mathcal{O}(0; \{2^{20}, 4^5, 8^6\})$	32768
8	$\mathcal{O}(0; \{2^{17}, 4^7, 8^6\})$	131072
8	$\mathcal{O}(0; \{2^{14}, 4^9, 8^6\})$	524288
8	$\mathcal{O}(0; \{2^{11}, 4^{11}, 8^6\})$	2097152
8	$\mathcal{O}(0; \{2^8, 4^{13}, 8^6\})$	8388608
8	$\mathcal{O}(0; \{2^5, 4^{15}, 8^6\})$	33554432
8	$\mathcal{O}(0; \{2^2, 4^{17}, 8^6\})$	134217728

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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	$\mathcal{O}(0; \{2^{24}, 8^8\})$	16384
8	$\mathcal{O}(0; \{2^{21}, 4^2, 8^8\})$	65536
8	$\mathcal{O}(0; \{2^{18}, 4^4, 8^8\})$	262144
8	$\mathcal{O}(0; \{2^{15}, 4^6, 8^8\})$	1048576
8	$\mathcal{O}(0; \{2^{12}, 4^8, 8^8\})$	4194304
8	$\mathcal{O}(0; \{2^9, 4^{10}, 8^8\})$	16777216
8	$\mathcal{O}(0; \{2^6, 4^{12}, 8^8\})$	67108864
8	$\mathcal{O}(0; \{2^3, 4^{14}, 8^8\})$	268435456
8	$\mathcal{O}(0; \{4^{16}, 8^8\})$	1073741824
8	$\mathcal{O}(0; \{2^{19}, 4, 8^{10}\})$	524288
8	$\mathcal{O}(0; \{2^{16}, 4^3, 8^{10}\})$	2097152
8	$\mathcal{O}(0; \{2^{13}, 4^5, 8^{10}\})$	8388608
8	$\mathcal{O}(0; \{2^{10}, 4^7, 8^{10}\})$	33554432
8	$\mathcal{O}(0; \{2^7, 4^9, 8^{10}\})$	134217728
8	$\mathcal{O}(0; \{2^4, 4^{11}, 8^{10}\})$	536870912
8	$\mathcal{O}(0; \{2, 4^{13}, 8^{10}\})$	2147483648
8	$\mathcal{O}(0; \{2^{17}, 8^{12}\})$	4194304
8	$\mathcal{O}(0; \{2^{14}, 4^2, 8^{12}\})$	16777216
8	$\mathcal{O}(0; \{2^{11}, 4^4, 8^{12}\})$	67108864
8	$\mathcal{O}(0; \{2^8, 4^6, 8^{12}\})$	268435456
8	$\mathcal{O}(0; \{2^5, 4^8, 8^{12}\})$	1073741824
8	$\mathcal{O}(0; \{2^2, 4^{10}, 8^{12}\})$	4294967296
8	$\mathcal{O}(0; \{2^{12}, 4, 8^{14}\})$	134217728
8	$\mathcal{O}(0; \{2^9, 4^3, 8^{14}\})$	536870912
8	$\mathcal{O}(0; \{2^6, 4^5, 8^{14}\})$	2147483648
8	$\mathcal{O}(0; \{2^3, 4^7, 8^{14}\})$	8589934592
8	$\mathcal{O}(0; \{4^9, 8^{14}\})$	34359738368
8	$\mathcal{O}(0; \{2^{10}, 8^{16}\})$	1073741824
8	$\mathcal{O}(0; \{2^7, 4^2, 8^{16}\})$	4294967296
8	$\mathcal{O}(0; \{2^4, 4^4, 8^{16}\})$	17179869184
8	$\mathcal{O}(0; \{2, 4^6, 8^{16}\})$	68719476736
8	$\mathcal{O}(0; \{2^5, 4, 8^{18}\})$	34359738368
8	$\mathcal{O}(0; \{2^2, 4^3, 8^{18}\})$	137438953472
8	$\mathcal{O}(0; \{2^3, 8^{20}\})$	274877906944
8	$\mathcal{O}(0; \{4^2, 8^{20}\})$	1099511627776
9	$\mathcal{O}(7; \{3^2, 9^2\})$	549043018919064
9	$\mathcal{O}(6; \{3^5, 9^2\})$	54226471004352
9	$\mathcal{O}(6; \{3, 9^5\})$	457535849099220
9	$\mathcal{O}(5; \{3^8, 9^2\})$	5355700839936
9	$\mathcal{O}(5; \{3^4, 9^5\})$	45188725836960
9	$\mathcal{O}(5; \{9^8\})$	655801383708882
9	$\mathcal{O}(4; \{3^{11}, 9^2\})$	528958107648
9	$\mathcal{O}(4; \{3^7, 9^5\})$	4463084033280

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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	$\mathcal{O}(4; \{3^3, 9^8\})$	64770507032976
9	$\mathcal{O}(3; \{3^{14}, 9^2\})$	52242776064
9	$\mathcal{O}(3; \{3^{10}, 9^5\})$	440798423040
9	$\mathcal{O}(3; \{3^6, 9^8\})$	6397087114368
9	$\mathcal{O}(3; \{3^2, 9^{11}\})$	85607530613352
9	$\mathcal{O}(2; \{3^{17}, 9^2\})$	5159780352
9	$\mathcal{O}(2; \{3^{13}, 9^5\})$	43535646720
9	$\mathcal{O}(2; \{3^9, 9^8\})$	631811073024
9	$\mathcal{O}(2; \{3^5, 9^{11}\})$	8455064751936
9	$\mathcal{O}(2; \{3, 9^{14}\})$	114268898389572
9	$\mathcal{O}(1; \{3^{20}, 9^2\})$	509607936
9	$\mathcal{O}(1; \{3^{16}, 9^5\})$	4299816960
9	$\mathcal{O}(1; \{3^{12}, 9^8\})$	62401093632
9	$\mathcal{O}(1; \{3^8, 9^{11}\})$	835068123648
9	$\mathcal{O}(1; \{3^4, 9^{14}\})$	11285817124896
9	$\mathcal{O}(1; \{9^{17}\})$	152337610479690
9	$\mathcal{O}(0; \{3^{23}, 9^2\})$	50331648
9	$\mathcal{O}(0; \{3^{19}, 9^5\})$	424673280
9	$\mathcal{O}(0; \{3^{15}, 9^8\})$	6163070976
9	$\mathcal{O}(0; \{3^{11}, 9^{11}\})$	82475864064
9	$\mathcal{O}(0; \{3^7, 9^{14}\})$	1114648604928
9	$\mathcal{O}(0; \{3^3, 9^{17}\})$	15045689923920
10	$\mathcal{O}(7; \{5^2\})$	399975585937500
10	$\mathcal{O}(6; \{2^4, 5^2\})$	4000000000000
10	$\mathcal{O}(6; \{2^2, 5, 10^2\})$	12000000000000
10	$\mathcal{O}(6; \{10^4\})$	52000000000000
10	$\mathcal{O}(5; \{2^8, 5^2\})$	40000000000
10	$\mathcal{O}(5; \{5^7\})$	32728007812500
10	$\mathcal{O}(5; \{2^3, 5^4, 10\})$	2040000000000
10	$\mathcal{O}(5; \{2^6, 5, 10^2\})$	120000000000
10	$\mathcal{O}(5; \{2, 5^3, 10^3\})$	8200000000000
10	$\mathcal{O}(5; \{2^4, 10^4\})$	520000000000
10	$\mathcal{O}(4; \{2^{12}, 5^2\})$	400000000
10	$\mathcal{O}(4; \{2^4, 5^7\})$	327600000000
10	$\mathcal{O}(4; \{2^7, 5^4, 10\})$	20400000000
10	$\mathcal{O}(4; \{2^{10}, 5, 10^2\})$	1200000000
10	$\mathcal{O}(4; \{2^2, 5^6, 10^2\})$	1310800000000
10	$\mathcal{O}(4; \{2^5, 5^3, 10^3\})$	82000000000
10	$\mathcal{O}(4; \{2^8, 10^4\})$	5200000000
10	$\mathcal{O}(4; \{5^5, 10^4\})$	5242800000000
10	$\mathcal{O}(4; \{2^3, 5^2, 10^5\})$	327600000000
10	$\mathcal{O}(4; \{2, 5, 10^7\})$	1310800000000
10	$\mathcal{O}(3; \{2^{16}, 5^2\})$	4000000

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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	$\mathcal{O}(3; \{2^8, 5^7\})$	3276000000
10	$\mathcal{O}(3; \{5^{12}\})$	3303015187500
10	$\mathcal{O}(3; \{2^{11}, 5^4, 10\})$	204000000
10	$\mathcal{O}(3; \{2^3, 5^9, 10\})$	209716000000
10	$\mathcal{O}(3; \{2^{14}, 5, 10^2\})$	12000000
10	$\mathcal{O}(3; \{2^6, 5^6, 10^2\})$	13108000000
10	$\mathcal{O}(3; \{2^9, 5^3, 10^3\})$	820000000
10	$\mathcal{O}(3; \{2, 5^8, 10^3\})$	838860000000
10	$\mathcal{O}(3; \{2^{12}, 10^4\})$	52000000
10	$\mathcal{O}(3; \{2^4, 5^5, 10^4\})$	52428000000
10	$\mathcal{O}(3; \{2^7, 5^2, 10^5\})$	3276000000
10	$\mathcal{O}(3; \{2^2, 5^4, 10^6\})$	209716000000
10	$\mathcal{O}(3; \{2^5, 5, 10^7\})$	13108000000
10	$\mathcal{O}(3; \{5^3, 10^8\})$	838860000000
10	$\mathcal{O}(3; \{2^3, 10^9\})$	52428000000
10	$\mathcal{O}(2; \{2^{20}, 5^2\})$	40000
10	$\mathcal{O}(2; \{2^{12}, 5^7\})$	32760000
10	$\mathcal{O}(2; \{2^4, 5^{12}\})$	33554440000
10	$\mathcal{O}(2; \{2^{15}, 5^4, 10\})$	2040000
10	$\mathcal{O}(2; \{2^7, 5^9, 10\})$	2097160000
10	$\mathcal{O}(2; \{2^{18}, 5, 10^2\})$	120000
10	$\mathcal{O}(2; \{2^{10}, 5^6, 10^2\})$	131080000
10	$\mathcal{O}(2; \{2^2, 5^{11}, 10^2\})$	134217720000
10	$\mathcal{O}(2; \{2^{13}, 5^3, 10^3\})$	8200000
10	$\mathcal{O}(2; \{2^5, 5^8, 10^3\})$	8388600000
10	$\mathcal{O}(2; \{2^{16}, 10^4\})$	520000
10	$\mathcal{O}(2; \{2^8, 5^5, 10^4\})$	524280000
10	$\mathcal{O}(2; \{5^{10}, 10^4\})$	536870920000
10	$\mathcal{O}(2; \{2^{11}, 5^2, 10^5\})$	32760000
10	$\mathcal{O}(2; \{2^3, 5^7, 10^5\})$	33554440000
10	$\mathcal{O}(2; \{2^6, 5^4, 10^6\})$	2097160000
10	$\mathcal{O}(2; \{2^9, 5, 10^7\})$	131080000
10	$\mathcal{O}(2; \{2, 5^6, 10^7\})$	134217720000
10	$\mathcal{O}(2; \{2^4, 5^3, 10^8\})$	8388600000
10	$\mathcal{O}(2; \{2^7, 10^9\})$	524280000
10	$\mathcal{O}(2; \{2^2, 5^2, 10^{10}\})$	33554440000
10	$\mathcal{O}(2; \{5, 10^{12}\})$	134217720000
10	$\mathcal{O}(1; \{2^{24}, 5^2\})$	400
10	$\mathcal{O}(1; \{2^{16}, 5^7\})$	327600
10	$\mathcal{O}(1; \{2^8, 5^{12}\})$	335544400
10	$\mathcal{O}(1; \{5^{17}\})$	257698037700
10	$\mathcal{O}(1; \{2^{19}, 5^4, 10\})$	20400
10	$\mathcal{O}(1; \{2^{11}, 5^9, 10\})$	20971600

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{2^3, 5^{14}, 10\})$	21474836400
10	$\mathcal{O}(1; \{2^{22}, 5, 10^2\})$	1200
10	$\mathcal{O}(1; \{2^{14}, 5^6, 10^2\})$	1310800
10	$\mathcal{O}(1; \{2^6, 5^{11}, 10^2\})$	1342177200
10	$\mathcal{O}(1; \{2^{17}, 5^3, 10^3\})$	82000
10	$\mathcal{O}(1; \{2^9, 5^8, 10^3\})$	83886000
10	$\mathcal{O}(1; \{2, 5^{13}, 10^3\})$	85899346000
10	$\mathcal{O}(1; \{2^{20}, 10^4\})$	5200
10	$\mathcal{O}(1; \{2^{12}, 5^5, 10^4\})$	5242800
10	$\mathcal{O}(1; \{2^4, 5^{10}, 10^4\})$	5368709200
10	$\mathcal{O}(1; \{2^{15}, 5^2, 10^5\})$	327600
10	$\mathcal{O}(1; \{2^7, 5^7, 10^5\})$	335544400
10	$\mathcal{O}(1; \{2^{10}, 5^4, 10^6\})$	20971600
10	$\mathcal{O}(1; \{2^2, 5^9, 10^6\})$	21474836400
10	$\mathcal{O}(1; \{2^{13}, 5, 10^7\})$	1310800
10	$\mathcal{O}(1; \{2^5, 5^6, 10^7\})$	1342177200
10	$\mathcal{O}(1; \{2^8, 5^3, 10^8\})$	83886000
10	$\mathcal{O}(1; \{5^8, 10^8\})$	85899346000
10	$\mathcal{O}(1; \{2^{11}, 10^9\})$	5242800
10	$\mathcal{O}(1; \{2^3, 5^5, 10^9\})$	5368709200
10	$\mathcal{O}(1; \{2^6, 5^2, 10^{10}\})$	335544400
10	$\mathcal{O}(1; \{2, 5^4, 10^{11}\})$	21474836400
10	$\mathcal{O}(1; \{2^4, 5, 10^{12}\})$	1342177200
10	$\mathcal{O}(1; \{2^2, 10^{14}\})$	5368709200
10	$\mathcal{O}(0; \{2^{28}, 5^2\})$	4
10	$\mathcal{O}(0; \{2^{20}, 5^7\})$	3276
10	$\mathcal{O}(0; \{2^{12}, 5^{12}\})$	3355444
10	$\mathcal{O}(0; \{2^4, 5^{17}\})$	3435973836
10	$\mathcal{O}(0; \{2^{23}, 5^4, 10\})$	204
10	$\mathcal{O}(0; \{2^{15}, 5^9, 10\})$	209716
10	$\mathcal{O}(0; \{2^7, 5^{14}, 10\})$	214748364
10	$\mathcal{O}(0; \{2^{26}, 5, 10^2\})$	12
10	$\mathcal{O}(0; \{2^{18}, 5^6, 10^2\})$	13108
10	$\mathcal{O}(0; \{2^{10}, 5^{11}, 10^2\})$	13421772
10	$\mathcal{O}(0; \{2^2, 5^{16}, 10^2\})$	13743895348
10	$\mathcal{O}(0; \{2^{21}, 5^3, 10^3\})$	820
10	$\mathcal{O}(0; \{2^{13}, 5^8, 10^3\})$	838860
10	$\mathcal{O}(0; \{2^5, 5^{13}, 10^3\})$	858993460
10	$\mathcal{O}(0; \{2^{24}, 10^4\})$	52
10	$\mathcal{O}(0; \{2^{16}, 5^5, 10^4\})$	52428
10	$\mathcal{O}(0; \{2^8, 5^{10}, 10^4\})$	53687092
10	$\mathcal{O}(0; \{5^{15}, 10^4\})$	54975581388
10	$\mathcal{O}(0; \{2^{19}, 5^2, 10^5\})$	3276

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{2^{11}, 5^7, 10^5\})$	3355444
10	$\mathcal{O}(0; \{2^3, 5^{12}, 10^5\})$	3435973836
10	$\mathcal{O}(0; \{2^{14}, 5^4, 10^6\})$	209716
10	$\mathcal{O}(0; \{2^6, 5^9, 10^6\})$	214748364
10	$\mathcal{O}(0; \{2^{17}, 5, 10^7\})$	13108
10	$\mathcal{O}(0; \{2^9, 5^6, 10^7\})$	13421772
10	$\mathcal{O}(0; \{2, 5^{11}, 10^7\})$	13743895348
10	$\mathcal{O}(0; \{2^{12}, 5^3, 10^8\})$	838860
10	$\mathcal{O}(0; \{2^4, 5^8, 10^8\})$	858993460
10	$\mathcal{O}(0; \{2^{15}, 10^9\})$	52428
10	$\mathcal{O}(0; \{2^7, 5^5, 10^9\})$	53687092
10	$\mathcal{O}(0; \{2^{10}, 5^2, 10^{10}\})$	3355444
10	$\mathcal{O}(0; \{2^2, 5^7, 10^{10}\})$	3435973836
10	$\mathcal{O}(0; \{2^5, 5^4, 10^{11}\})$	214748364
10	$\mathcal{O}(0; \{2^8, 5, 10^{12}\})$	13421772
10	$\mathcal{O}(0; \{5^6, 10^{12}\})$	13743895348
10	$\mathcal{O}(0; \{2^3, 5^3, 10^{13}\})$	858993460
10	$\mathcal{O}(0; \{2^6, 10^{14}\})$	53687092
10	$\mathcal{O}(0; \{2, 5^2, 10^{15}\})$	3435973836
11	$\mathcal{O}(4; \{11^7\})$	194871515128290
12	$\mathcal{O}(6; \{3^2\})$	17827847331840
12	$\mathcal{O}(5; \{2^4, 3^2\})$	123713796096
12	$\mathcal{O}(5; \{3^5\})$	618568980480
12	$\mathcal{O}(5; \{2, 3^2, 4^2\})$	247669456896
12	$\mathcal{O}(5; \{2, 3^3, 6\})$	371141388288
12	$\mathcal{O}(5; \{2^2, 3, 6^2\})$	123713796096
12	$\mathcal{O}(5; \{6^4\})$	371141388288
12	$\mathcal{O}(5; \{2^2, 3, 4, 12\})$	247669456896
12	$\mathcal{O}(5; \{4, 6^2, 12\})$	247669456896
12	$\mathcal{O}(5; \{2^3, 12^2\})$	247669456896
12	$\mathcal{O}(5; \{4^2, 12^2\})$	990677827584
12	$\mathcal{O}(5; \{3, 6, 12^2\})$	743008370688
12	$\mathcal{O}(4; \{2^8, 3^2\})$	856604160
12	$\mathcal{O}(4; \{2^4, 3^5\})$	4283020800
12	$\mathcal{O}(4; \{3^8\})$	36833978880
12	$\mathcal{O}(4; \{2^5, 3^2, 4^2\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^5, 4^2\})$	8599633920
12	$\mathcal{O}(4; \{2^2, 3^2, 4^4\})$	6879707136
12	$\mathcal{O}(4; \{2^5, 3^3, 6\})$	2569812480
12	$\mathcal{O}(4; \{2, 3^6, 6\})$	17988687360
12	$\mathcal{O}(4; \{2^2, 3^3, 4^2, 6\})$	5159780352
12	$\mathcal{O}(4; \{2^6, 3, 6^2\})$	856604160
12	$\mathcal{O}(4; \{2^2, 3^4, 6^2\})$	9422645760

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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	$\mathcal{O}(4; \{2^3, 3, 4^2, 6^2\})$	1719926784
12	$\mathcal{O}(4; \{3, 4^4, 6^2\})$	6879707136
12	$\mathcal{O}(4; \{2^3, 3^2, 6^3\})$	4283020800
12	$\mathcal{O}(4; \{3^2, 4^2, 6^3\})$	8599633920
12	$\mathcal{O}(4; \{2^4, 6^4\})$	2569812480
12	$\mathcal{O}(4; \{3^3, 6^4\})$	17988687360
12	$\mathcal{O}(4; \{2, 4^2, 6^4\})$	5159780352
12	$\mathcal{O}(4; \{2, 3, 6^5\})$	9422645760
12	$\mathcal{O}(4; \{2^6, 3, 4, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3^4, 4, 12\})$	8599633920
12	$\mathcal{O}(4; \{2^3, 3, 4^3, 12\})$	6879707136
12	$\mathcal{O}(4; \{3, 4^5, 12\})$	27518828544
12	$\mathcal{O}(4; \{2^3, 3^2, 4, 6, 12\})$	5159780352
12	$\mathcal{O}(4; \{3^2, 4^3, 6, 12\})$	20639121408
12	$\mathcal{O}(4; \{2^4, 4, 6^2, 12\})$	1719926784
12	$\mathcal{O}(4; \{3^3, 4, 6^2, 12\})$	18919194624
12	$\mathcal{O}(4; \{2, 4^3, 6^2, 12\})$	6879707136
12	$\mathcal{O}(4; \{2, 3, 4, 6^3, 12\})$	8599633920
12	$\mathcal{O}(4; \{2^7, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{2^3, 3^3, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{2^4, 4^2, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{3^3, 4^2, 12^2\})$	34398535680
12	$\mathcal{O}(4; \{2, 4^4, 12^2\})$	27518828544
12	$\mathcal{O}(4; \{2^4, 3, 6, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{3^4, 6, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{2, 3, 4^2, 6, 12^2\})$	20639121408
12	$\mathcal{O}(4; \{2, 3^2, 6^2, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2^2, 6^3, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{2, 3^2, 4, 12^3\})$	34398535680
12	$\mathcal{O}(4; \{2^2, 4, 6, 12^3\})$	20639121408
12	$\mathcal{O}(4; \{2^2, 3, 12^4\})$	34398535680
12	$\mathcal{O}(4; \{6^2, 12^4\})$	75676778496
12	$\mathcal{O}(4; \{4, 12^5\})$	137594142720
12	$\mathcal{O}(3; \{2^{12}, 3^2\})$	5878656
12	$\mathcal{O}(3; \{2^8, 3^5\})$	29393280
12	$\mathcal{O}(3; \{2^4, 3^8\})$	252782208
12	$\mathcal{O}(3; \{3^{11}\})$	2004621696
12	$\mathcal{O}(3; \{2^9, 3^2, 4^2\})$	11943936
12	$\mathcal{O}(3; \{2^5, 3^5, 4^2\})$	59719680
12	$\mathcal{O}(3; \{2, 3^8, 4^2\})$	513589248
12	$\mathcal{O}(3; \{2^6, 3^2, 4^4\})$	47775744
12	$\mathcal{O}(3; \{2^2, 3^5, 4^4\})$	238878720
12	$\mathcal{O}(3; \{2^3, 3^2, 4^6\})$	191102976

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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	$\mathcal{O}(3; \{3^2, 4^8\})$	764411904
12	$\mathcal{O}(3; \{2^9, 3^3, 6\})$	17635968
12	$\mathcal{O}(3; \{2^5, 3^6, 6\})$	123451776
12	$\mathcal{O}(3; \{2, 3^9, 6\})$	1005250176
12	$\mathcal{O}(3; \{2^6, 3^3, 4^2, 6\})$	35831808
12	$\mathcal{O}(3; \{2^2, 3^6, 4^2, 6\})$	250822656
12	$\mathcal{O}(3; \{2^3, 3^3, 4^4, 6\})$	143327232
12	$\mathcal{O}(3; \{3^3, 4^6, 6\})$	573308928
12	$\mathcal{O}(3; \{2^{10}, 3, 6^2\})$	5878656
12	$\mathcal{O}(3; \{2^6, 3^4, 6^2\})$	64665216
12	$\mathcal{O}(3; \{2^2, 3^7, 6^2\})$	499685760
12	$\mathcal{O}(3; \{2^7, 3, 4^2, 6^2\})$	11943936
12	$\mathcal{O}(3; \{2^3, 3^4, 4^2, 6^2\})$	131383296
12	$\mathcal{O}(3; \{2^4, 3, 4^4, 6^2\})$	47775744
12	$\mathcal{O}(3; \{3^4, 4^4, 6^2\})$	525533184
12	$\mathcal{O}(3; \{2, 3, 4^6, 6^2\})$	191102976
12	$\mathcal{O}(3; \{2^7, 3^2, 6^3\})$	29393280
12	$\mathcal{O}(3; \{2^3, 3^5, 6^3\})$	252782208
12	$\mathcal{O}(3; \{2^4, 3^2, 4^2, 6^3\})$	59719680
12	$\mathcal{O}(3; \{3^5, 4^2, 6^3\})$	513589248
12	$\mathcal{O}(3; \{2, 3^2, 4^4, 6^3\})$	238878720
12	$\mathcal{O}(3; \{2^8, 6^4\})$	17635968
12	$\mathcal{O}(3; \{2^4, 3^3, 6^4\})$	123451776
12	$\mathcal{O}(3; \{3^6, 6^4\})$	1005250176
12	$\mathcal{O}(3; \{2^5, 4^2, 6^4\})$	35831808
12	$\mathcal{O}(3; \{2, 3^3, 4^2, 6^4\})$	250822656
12	$\mathcal{O}(3; \{2^2, 4^4, 6^4\})$	143327232
12	$\mathcal{O}(3; \{2^5, 3, 6^5\})$	64665216
12	$\mathcal{O}(3; \{2, 3^4, 6^5\})$	499685760
12	$\mathcal{O}(3; \{2^2, 3, 4^2, 6^5\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^2, 6^6\})$	252782208
12	$\mathcal{O}(3; \{2^3, 6^7\})$	123451776
12	$\mathcal{O}(3; \{4^2, 6^7\})$	250822656
12	$\mathcal{O}(3; \{3, 6^8\})$	499685760
12	$\mathcal{O}(3; \{2^{10}, 3, 4, 12\})$	11943936
12	$\mathcal{O}(3; \{2^6, 3^4, 4, 12\})$	59719680
12	$\mathcal{O}(3; \{2^2, 3^7, 4, 12\})$	513589248
12	$\mathcal{O}(3; \{2^7, 3, 4^3, 12\})$	47775744
12	$\mathcal{O}(3; \{2^3, 3^4, 4^3, 12\})$	238878720
12	$\mathcal{O}(3; \{2^4, 3, 4^5, 12\})$	191102976
12	$\mathcal{O}(3; \{3^4, 4^5, 12\})$	955514880
12	$\mathcal{O}(3; \{2, 3, 4^7, 12\})$	764411904
12	$\mathcal{O}(3; \{2^7, 3^2, 4, 6, 12\})$	35831808

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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	$\mathcal{O}(3; \{2^3, 3^5, 4, 6, 12\})$	250822656
12	$\mathcal{O}(3; \{2^4, 3^2, 4^3, 6, 12\})$	143327232
12	$\mathcal{O}(3; \{3^5, 4^3, 6, 12\})$	1003290624
12	$\mathcal{O}(3; \{2, 3^2, 4^5, 6, 12\})$	573308928
12	$\mathcal{O}(3; \{2^8, 4, 6^2, 12\})$	11943936
12	$\mathcal{O}(3; \{2^4, 3^3, 4, 6^2, 12\})$	131383296
12	$\mathcal{O}(3; \{3^6, 4, 6^2, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^5, 4^3, 6^2, 12\})$	47775744
12	$\mathcal{O}(3; \{2, 3^3, 4^3, 6^2, 12\})$	525533184
12	$\mathcal{O}(3; \{2^2, 4^5, 6^2, 12\})$	191102976
12	$\mathcal{O}(3; \{2^5, 3, 4, 6^3, 12\})$	59719680
12	$\mathcal{O}(3; \{2, 3^4, 4, 6^3, 12\})$	513589248
12	$\mathcal{O}(3; \{2^2, 3, 4^3, 6^3, 12\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3^2, 4, 6^4, 12\})$	250822656
12	$\mathcal{O}(3; \{2^3, 4, 6^5, 12\})$	131383296
12	$\mathcal{O}(3; \{4^3, 6^5, 12\})$	525533184
12	$\mathcal{O}(3; \{3, 4, 6^6, 12\})$	513589248
12	$\mathcal{O}(3; \{2^{11}, 12^2\})$	11943936
12	$\mathcal{O}(3; \{2^7, 3^3, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^3, 3^6, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^8, 4^2, 12^2\})$	47775744
12	$\mathcal{O}(3; \{2^4, 3^3, 4^2, 12^2\})$	238878720
12	$\mathcal{O}(3; \{3^6, 4^2, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{2^5, 4^4, 12^2\})$	191102976
12	$\mathcal{O}(3; \{2, 3^3, 4^4, 12^2\})$	955514880
12	$\mathcal{O}(3; \{2^2, 4^6, 12^2\})$	764411904
12	$\mathcal{O}(3; \{2^8, 3, 6, 12^2\})$	35831808
12	$\mathcal{O}(3; \{2^4, 3^4, 6, 12^2\})$	250822656
12	$\mathcal{O}(3; \{3^7, 6, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2^5, 3, 4^2, 6, 12^2\})$	143327232
12	$\mathcal{O}(3; \{2, 3^4, 4^2, 6, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 3, 4^4, 6, 12^2\})$	573308928
12	$\mathcal{O}(3; \{2^5, 3^2, 6^2, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2, 3^5, 6^2, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^2, 3^2, 4^2, 6^2, 12^2\})$	525533184
12	$\mathcal{O}(3; \{2^6, 6^3, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^2, 3^3, 6^3, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^3, 4^2, 6^3, 12^2\})$	238878720
12	$\mathcal{O}(3; \{4^4, 6^3, 12^2\})$	955514880
12	$\mathcal{O}(3; \{2^3, 3, 6^4, 12^2\})$	250822656
12	$\mathcal{O}(3; \{3, 4^2, 6^4, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{3^2, 6^5, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2, 6^6, 12^2\})$	513589248

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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	$\mathcal{O}(3; \{2^5, 3^2, 4, 12^3\})$	238878720
12	$\mathcal{O}(3; \{2, 3^5, 4, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2^2, 3^2, 4^3, 12^3\})$	955514880
12	$\mathcal{O}(3; \{2^6, 4, 6, 12^3\})$	143327232
12	$\mathcal{O}(3; \{2^2, 3^3, 4, 6, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 4^3, 6, 12^3\})$	573308928
12	$\mathcal{O}(3; \{4^5, 6, 12^3\})$	2293235712
12	$\mathcal{O}(3; \{2^3, 3, 4, 6^2, 12^3\})$	525533184
12	$\mathcal{O}(3; \{3, 4^3, 6^2, 12^3\})$	2102132736
12	$\mathcal{O}(3; \{3^2, 4, 6^3, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2, 4, 6^4, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{2^6, 3, 12^4\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3^4, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2^3, 3, 4^2, 12^4\})$	955514880
12	$\mathcal{O}(3; \{3, 4^4, 12^4\})$	3822059520
12	$\mathcal{O}(3; \{2^3, 3^2, 6, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{3^2, 4^2, 6, 12^4\})$	4013162496
12	$\mathcal{O}(3; \{2^4, 6^2, 12^4\})$	525533184
12	$\mathcal{O}(3; \{3^3, 6^2, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2, 4^2, 6^2, 12^4\})$	2102132736
12	$\mathcal{O}(3; \{2, 3, 6^3, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2^4, 4, 12^5\})$	955514880
12	$\mathcal{O}(3; \{3^3, 4, 12^5\})$	8217427968
12	$\mathcal{O}(3; \{2, 4^3, 12^5\})$	3822059520
12	$\mathcal{O}(3; \{2, 3, 4, 6, 12^5\})$	4013162496
12	$\mathcal{O}(3; \{2, 3^2, 12^6\})$	8217427968
12	$\mathcal{O}(3; \{2^2, 6, 12^6\})$	4013162496
12	$\mathcal{O}(3; \{12^8\})$	32869711872
12	$\mathcal{O}(2; \{2^{16}, 3^2\})$	38880
12	$\mathcal{O}(2; \{2^{12}, 3^5\})$	194400
12	$\mathcal{O}(2; \{2^8, 3^8\})$	1671840
12	$\mathcal{O}(2; \{2^4, 3^{11}\})$	13258080
12	$\mathcal{O}(2; \{3^{14}\})$	106181280
12	$\mathcal{O}(2; \{2^{13}, 3^2, 4^2\})$	82944
12	$\mathcal{O}(2; \{2^9, 3^5, 4^2\})$	414720
12	$\mathcal{O}(2; \{2^5, 3^8, 4^2\})$	3566592
12	$\mathcal{O}(2; \{2, 3^{11}, 4^2\})$	28283904
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4^4\})$	331776
12	$\mathcal{O}(2; \{2^6, 3^5, 4^4\})$	1658880
12	$\mathcal{O}(2; \{2^2, 3^8, 4^4\})$	14266368
12	$\mathcal{O}(2; \{2^7, 3^2, 4^6\})$	1327104
12	$\mathcal{O}(2; \{2^3, 3^5, 4^6\})$	6635520
12	$\mathcal{O}(2; \{2^4, 3^2, 4^8\})$	5308416

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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	$\mathcal{O}(2; \{3^5, 4^8\})$	26542080
12	$\mathcal{O}(2; \{2, 3^2, 4^{10}\})$	21233664
12	$\mathcal{O}(2; \{2^{13}, 3^3, 6\})$	116640
12	$\mathcal{O}(2; \{2^9, 3^6, 6\})$	816480
12	$\mathcal{O}(2; \{2^5, 3^9, 6\})$	6648480
12	$\mathcal{O}(2; \{2, 3^{12}, 6\})$	53071200
12	$\mathcal{O}(2; \{2^{10}, 3^3, 4^2, 6\})$	248832
12	$\mathcal{O}(2; \{2^6, 3^6, 4^2, 6\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^9, 4^2, 6\})$	14183424
12	$\mathcal{O}(2; \{2^7, 3^3, 4^4, 6\})$	995328
12	$\mathcal{O}(2; \{2^3, 3^6, 4^4, 6\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^3, 4^6, 6\})$	3981312
12	$\mathcal{O}(2; \{3^6, 4^6, 6\})$	27869184
12	$\mathcal{O}(2; \{2, 3^3, 4^8, 6\})$	15925248
12	$\mathcal{O}(2; \{2^{14}, 3, 6^2\})$	38880
12	$\mathcal{O}(2; \{2^{10}, 3^4, 6^2\})$	427680
12	$\mathcal{O}(2; \{2^6, 3^7, 6^2\})$	3304800
12	$\mathcal{O}(2; \{2^2, 3^{10}, 6^2\})$	26555040
12	$\mathcal{O}(2; \{2^{11}, 3, 4^2, 6^2\})$	82944
12	$\mathcal{O}(2; \{2^7, 3^4, 4^2, 6^2\})$	912384
12	$\mathcal{O}(2; \{2^3, 3^7, 4^2, 6^2\})$	7050240
12	$\mathcal{O}(2; \{2^8, 3, 4^4, 6^2\})$	331776
12	$\mathcal{O}(2; \{2^4, 3^4, 4^4, 6^2\})$	3649536
12	$\mathcal{O}(2; \{3^7, 4^4, 6^2\})$	28200960
12	$\mathcal{O}(2; \{2^5, 3, 4^6, 6^2\})$	1327104
12	$\mathcal{O}(2; \{2, 3^4, 4^6, 6^2\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3, 4^8, 6^2\})$	5308416
12	$\mathcal{O}(2; \{2^{11}, 3^2, 6^3\})$	194400
12	$\mathcal{O}(2; \{2^7, 3^5, 6^3\})$	1671840
12	$\mathcal{O}(2; \{2^3, 3^8, 6^3\})$	13258080
12	$\mathcal{O}(2; \{2^8, 3^2, 4^2, 6^3\})$	414720
12	$\mathcal{O}(2; \{2^4, 3^5, 4^2, 6^3\})$	3566592
12	$\mathcal{O}(2; \{3^8, 4^2, 6^3\})$	28283904
12	$\mathcal{O}(2; \{2^5, 3^2, 4^4, 6^3\})$	1658880
12	$\mathcal{O}(2; \{2, 3^5, 4^4, 6^3\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^2, 4^6, 6^3\})$	6635520
12	$\mathcal{O}(2; \{2^{12}, 6^4\})$	116640
12	$\mathcal{O}(2; \{2^8, 3^3, 6^4\})$	816480
12	$\mathcal{O}(2; \{2^4, 3^6, 6^4\})$	6648480
12	$\mathcal{O}(2; \{3^9, 6^4\})$	53071200
12	$\mathcal{O}(2; \{2^9, 4^2, 6^4\})$	248832
12	$\mathcal{O}(2; \{2^5, 3^3, 4^2, 6^4\})$	1741824
12	$\mathcal{O}(2; \{2, 3^6, 4^2, 6^4\})$	14183424

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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	$\mathcal{O}(2; \{2^6, 4^4, 6^4\})$	995328
12	$\mathcal{O}(2; \{2^2, 3^3, 4^4, 6^4\})$	6967296
12	$\mathcal{O}(2; \{2^3, 4^6, 6^4\})$	3981312
12	$\mathcal{O}(2; \{4^8, 6^4\})$	15925248
12	$\mathcal{O}(2; \{2^9, 3, 6^5\})$	427680
12	$\mathcal{O}(2; \{2^5, 3^4, 6^5\})$	3304800
12	$\mathcal{O}(2; \{2, 3^7, 6^5\})$	26555040
12	$\mathcal{O}(2; \{2^6, 3, 4^2, 6^5\})$	912384
12	$\mathcal{O}(2; \{2^2, 3^4, 4^2, 6^5\})$	7050240
12	$\mathcal{O}(2; \{2^3, 3, 4^4, 6^5\})$	3649536
12	$\mathcal{O}(2; \{3, 4^6, 6^5\})$	14598144
12	$\mathcal{O}(2; \{2^6, 3^2, 6^6\})$	1671840
12	$\mathcal{O}(2; \{2^2, 3^5, 6^6\})$	13258080
12	$\mathcal{O}(2; \{2^3, 3^2, 4^2, 6^6\})$	3566592
12	$\mathcal{O}(2; \{3^2, 4^4, 6^6\})$	14266368
12	$\mathcal{O}(2; \{2^7, 6^7\})$	816480
12	$\mathcal{O}(2; \{2^3, 3^3, 6^7\})$	6648480
12	$\mathcal{O}(2; \{2^4, 4^2, 6^7\})$	1741824
12	$\mathcal{O}(2; \{3^3, 4^2, 6^7\})$	14183424
12	$\mathcal{O}(2; \{2, 4^4, 6^7\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3, 6^8\})$	3304800
12	$\mathcal{O}(2; \{3^4, 6^8\})$	26555040
12	$\mathcal{O}(2; \{2, 3, 4^2, 6^8\})$	7050240
12	$\mathcal{O}(2; \{2, 3^2, 6^9\})$	13258080
12	$\mathcal{O}(2; \{2^2, 6^{10}\})$	6648480
12	$\mathcal{O}(2; \{2^{14}, 3, 4, 12\})$	82944
12	$\mathcal{O}(2; \{2^{10}, 3^4, 4, 12\})$	414720
12	$\mathcal{O}(2; \{2^6, 3^7, 4, 12\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^{10}, 4, 12\})$	28283904
12	$\mathcal{O}(2; \{2^{11}, 3, 4^3, 12\})$	331776
12	$\mathcal{O}(2; \{2^7, 3^4, 4^3, 12\})$	1658880
12	$\mathcal{O}(2; \{2^3, 3^7, 4^3, 12\})$	14266368
12	$\mathcal{O}(2; \{2^8, 3, 4^5, 12\})$	1327104
12	$\mathcal{O}(2; \{2^4, 3^4, 4^5, 12\})$	6635520
12	$\mathcal{O}(2; \{3^7, 4^5, 12\})$	57065472
12	$\mathcal{O}(2; \{2^5, 3, 4^7, 12\})$	5308416
12	$\mathcal{O}(2; \{2, 3^4, 4^7, 12\})$	26542080
12	$\mathcal{O}(2; \{2^2, 3, 4^9, 12\})$	21233664
12	$\mathcal{O}(2; \{2^{11}, 3^2, 4, 6, 12\})$	248832
12	$\mathcal{O}(2; \{2^7, 3^5, 4, 6, 12\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^8, 4, 6, 12\})$	14183424
12	$\mathcal{O}(2; \{2^8, 3^2, 4^3, 6, 12\})$	995328
12	$\mathcal{O}(2; \{2^4, 3^5, 4^3, 6, 12\})$	6967296

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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	$\mathcal{O}(2; \{3^8, 4^3, 6, 12\})$	56733696
12	$\mathcal{O}(2; \{2^5, 3^2, 4^5, 6, 12\})$	3981312
12	$\mathcal{O}(2; \{2, 3^5, 4^5, 6, 12\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^2, 4^7, 6, 12\})$	15925248
12	$\mathcal{O}(2; \{2^{12}, 4, 6^2, 12\})$	82944
12	$\mathcal{O}(2; \{2^8, 3^3, 4, 6^2, 12\})$	912384
12	$\mathcal{O}(2; \{2^4, 3^6, 4, 6^2, 12\})$	7050240
12	$\mathcal{O}(2; \{3^9, 4, 6^2, 12\})$	56650752
12	$\mathcal{O}(2; \{2^9, 4^3, 6^2, 12\})$	331776
12	$\mathcal{O}(2; \{2^5, 3^3, 4^3, 6^2, 12\})$	3649536
12	$\mathcal{O}(2; \{2, 3^6, 4^3, 6^2, 12\})$	28200960
12	$\mathcal{O}(2; \{2^6, 4^5, 6^2, 12\})$	1327104
12	$\mathcal{O}(2; \{2^2, 3^3, 4^5, 6^2, 12\})$	14598144
12	$\mathcal{O}(2; \{2^3, 4^7, 6^2, 12\})$	5308416
12	$\mathcal{O}(2; \{4^9, 6^2, 12\})$	21233664
12	$\mathcal{O}(2; \{2^9, 3, 4, 6^3, 12\})$	414720
12	$\mathcal{O}(2; \{2^5, 3^4, 4, 6^3, 12\})$	3566592
12	$\mathcal{O}(2; \{2, 3^7, 4, 6^3, 12\})$	28283904
12	$\mathcal{O}(2; \{2^6, 3, 4^3, 6^3, 12\})$	1658880
12	$\mathcal{O}(2; \{2^2, 3^4, 4^3, 6^3, 12\})$	14266368
12	$\mathcal{O}(2; \{2^3, 3, 4^5, 6^3, 12\})$	6635520
12	$\mathcal{O}(2; \{3, 4^7, 6^3, 12\})$	26542080
12	$\mathcal{O}(2; \{2^6, 3^2, 4, 6^4, 12\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^5, 4, 6^4, 12\})$	14183424
12	$\mathcal{O}(2; \{2^3, 3^2, 4^3, 6^4, 12\})$	6967296
12	$\mathcal{O}(2; \{3^2, 4^5, 6^4, 12\})$	27869184
12	$\mathcal{O}(2; \{2^7, 4, 6^5, 12\})$	912384
12	$\mathcal{O}(2; \{2^3, 3^3, 4, 6^5, 12\})$	7050240
12	$\mathcal{O}(2; \{2^4, 4^3, 6^5, 12\})$	3649536
12	$\mathcal{O}(2; \{3^3, 4^3, 6^5, 12\})$	28200960
12	$\mathcal{O}(2; \{2, 4^5, 6^5, 12\})$	14598144
12	$\mathcal{O}(2; \{2^4, 3, 4, 6^6, 12\})$	3566592
12	$\mathcal{O}(2; \{3^4, 4, 6^6, 12\})$	28283904
12	$\mathcal{O}(2; \{2, 3, 4^3, 6^6, 12\})$	14266368
12	$\mathcal{O}(2; \{2, 3^2, 4, 6^7, 12\})$	14183424
12	$\mathcal{O}(2; \{2^2, 4, 6^8, 12\})$	7050240
12	$\mathcal{O}(2; \{2^{15}, 12^2\})$	82944
12	$\mathcal{O}(2; \{2^{11}, 3^3, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^7, 3^6, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^3, 3^9, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^{12}, 4^2, 12^2\})$	331776
12	$\mathcal{O}(2; \{2^8, 3^3, 4^2, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^4, 3^6, 4^2, 12^2\})$	14266368

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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	$\mathcal{O}(2; \{3^9, 4^2, 12^2\})$	113135616
12	$\mathcal{O}(2; \{2^9, 4^4, 12^2\})$	1327104
12	$\mathcal{O}(2; \{2^5, 3^3, 4^4, 12^2\})$	6635520
12	$\mathcal{O}(2; \{2, 3^6, 4^4, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^6, 4^6, 12^2\})$	5308416
12	$\mathcal{O}(2; \{2^2, 3^3, 4^6, 12^2\})$	26542080
12	$\mathcal{O}(2; \{2^3, 4^8, 12^2\})$	21233664
12	$\mathcal{O}(2; \{4^{10}, 12^2\})$	84934656
12	$\mathcal{O}(2; \{2^{12}, 3, 6, 12^2\})$	248832
12	$\mathcal{O}(2; \{2^8, 3^4, 6, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^4, 3^7, 6, 12^2\})$	14183424
12	$\mathcal{O}(2; \{3^{10}, 6, 12^2\})$	113218560
12	$\mathcal{O}(2; \{2^9, 3, 4^2, 6, 12^2\})$	995328
12	$\mathcal{O}(2; \{2^5, 3^4, 4^2, 6, 12^2\})$	6967296
12	$\mathcal{O}(2; \{2, 3^7, 4^2, 6, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2^6, 3, 4^4, 6, 12^2\})$	3981312
12	$\mathcal{O}(2; \{2^2, 3^4, 4^4, 6, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3, 4^6, 6, 12^2\})$	15925248
12	$\mathcal{O}(2; \{3, 4^8, 6, 12^2\})$	63700992
12	$\mathcal{O}(2; \{2^9, 3^2, 6^2, 12^2\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^5, 6^2, 12^2\})$	7050240
12	$\mathcal{O}(2; \{2, 3^8, 6^2, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2^6, 3^2, 4^2, 6^2, 12^2\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^5, 4^2, 6^2, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^3, 3^2, 4^4, 6^2, 12^2\})$	14598144
12	$\mathcal{O}(2; \{3^2, 4^6, 6^2, 12^2\})$	58392576
12	$\mathcal{O}(2; \{2^{10}, 6^3, 12^2\})$	414720
12	$\mathcal{O}(2; \{2^6, 3^3, 6^3, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^6, 6^3, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^7, 4^2, 6^3, 12^2\})$	1658880
12	$\mathcal{O}(2; \{2^3, 3^3, 4^2, 6^3, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^4, 4^4, 6^3, 12^2\})$	6635520
12	$\mathcal{O}(2; \{3^3, 4^4, 6^3, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2, 4^6, 6^3, 12^2\})$	26542080
12	$\mathcal{O}(2; \{2^7, 3, 6^4, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^4, 6^4, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^4, 3, 4^2, 6^4, 12^2\})$	6967296
12	$\mathcal{O}(2; \{3^4, 4^2, 6^4, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2, 3, 4^4, 6^4, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3^2, 6^5, 12^2\})$	7050240
12	$\mathcal{O}(2; \{3^5, 6^5, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2, 3^2, 4^2, 6^5, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2^5, 6^6, 12^2\})$	3566592

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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	$\mathcal{O}(2; \{2, 3^3, 6^6, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^2, 4^2, 6^6, 12^2\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3, 6^7, 12^2\})$	14183424
12	$\mathcal{O}(2; \{6^9, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^9, 3^2, 4, 12^3\})$	1658880
12	$\mathcal{O}(2; \{2^5, 3^5, 4, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2, 3^8, 4, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^6, 3^2, 4^3, 12^3\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^5, 4^3, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2^3, 3^2, 4^5, 12^3\})$	26542080
12	$\mathcal{O}(2; \{3^2, 4^7, 12^3\})$	106168320
12	$\mathcal{O}(2; \{2^{10}, 4, 6, 12^3\})$	995328
12	$\mathcal{O}(2; \{2^6, 3^3, 4, 6, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^6, 4, 6, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^7, 4^3, 6, 12^3\})$	3981312
12	$\mathcal{O}(2; \{2^3, 3^3, 4^3, 6, 12^3\})$	27869184
12	$\mathcal{O}(2; \{2^4, 4^5, 6, 12^3\})$	15925248
12	$\mathcal{O}(2; \{3^3, 4^5, 6, 12^3\})$	111476736
12	$\mathcal{O}(2; \{2, 4^7, 6, 12^3\})$	63700992
12	$\mathcal{O}(2; \{2^7, 3, 4, 6^2, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^4, 4, 6^2, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2^4, 3, 4^3, 6^2, 12^3\})$	14598144
12	$\mathcal{O}(2; \{3^4, 4^3, 6^2, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2, 3, 4^5, 6^2, 12^3\})$	58392576
12	$\mathcal{O}(2; \{2^4, 3^2, 4, 6^3, 12^3\})$	14266368
12	$\mathcal{O}(2; \{3^5, 4, 6^3, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2, 3^2, 4^3, 6^3, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2^5, 4, 6^4, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2, 3^3, 4, 6^4, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^2, 4^3, 6^4, 12^3\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3, 4, 6^5, 12^3\})$	28200960
12	$\mathcal{O}(2; \{4, 6^7, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^{10}, 3, 12^4\})$	1658880
12	$\mathcal{O}(2; \{2^6, 3^4, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^7, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^7, 3, 4^2, 12^4\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3^4, 4^2, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2^4, 3, 4^4, 12^4\})$	26542080
12	$\mathcal{O}(2; \{3^4, 4^4, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2, 3, 4^6, 12^4\})$	106168320
12	$\mathcal{O}(2; \{2^7, 3^2, 6, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^5, 6, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^4, 3^2, 4^2, 6, 12^4\})$	27869184

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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	$\mathcal{O}(2; \{3^5, 4^2, 6, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2, 3^2, 4^4, 6, 12^4\})$	111476736
12	$\mathcal{O}(2; \{2^8, 6^2, 12^4\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^3, 6^2, 12^4\})$	28200960
12	$\mathcal{O}(2; \{3^6, 6^2, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^5, 4^2, 6^2, 12^4\})$	14598144
12	$\mathcal{O}(2; \{2, 3^3, 4^2, 6^2, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2^2, 4^4, 6^2, 12^4\})$	58392576
12	$\mathcal{O}(2; \{2^5, 3, 6^3, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2, 3^4, 6^3, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^2, 3, 4^2, 6^3, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3^2, 6^4, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^3, 6^5, 12^4\})$	28200960
12	$\mathcal{O}(2; \{4^2, 6^5, 12^4\})$	112803840
12	$\mathcal{O}(2; \{3, 6^6, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^8, 4, 12^5\})$	6635520
12	$\mathcal{O}(2; \{2^4, 3^3, 4, 12^5\})$	57065472
12	$\mathcal{O}(2; \{3^6, 4, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2^5, 4^3, 12^5\})$	26542080
12	$\mathcal{O}(2; \{2, 3^3, 4^3, 12^5\})$	228261888
12	$\mathcal{O}(2; \{2^2, 4^5, 12^5\})$	106168320
12	$\mathcal{O}(2; \{2^5, 3, 4, 6, 12^5\})$	27869184
12	$\mathcal{O}(2; \{2, 3^4, 4, 6, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2^2, 3, 4^3, 6, 12^5\})$	111476736
12	$\mathcal{O}(2; \{2^2, 3^2, 4, 6^2, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2^3, 4, 6^3, 12^5\})$	57065472
12	$\mathcal{O}(2; \{4^3, 6^3, 12^5\})$	228261888
12	$\mathcal{O}(2; \{3, 4, 6^4, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2^5, 3^2, 12^6\})$	57065472
12	$\mathcal{O}(2; \{2, 3^5, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2^2, 3^2, 4^2, 12^6\})$	228261888
12	$\mathcal{O}(2; \{2^6, 6, 12^6\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3^3, 6, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2^3, 4^2, 6, 12^6\})$	111476736
12	$\mathcal{O}(2; \{4^4, 6, 12^6\})$	445906944
12	$\mathcal{O}(2; \{2^3, 3, 6^2, 12^6\})$	112803840
12	$\mathcal{O}(2; \{3, 4^2, 6^2, 12^6\})$	451215360
12	$\mathcal{O}(2; \{3^2, 6^3, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2, 6^4, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2^3, 3, 4, 12^7\})$	228261888
12	$\mathcal{O}(2; \{3, 4^3, 12^7\})$	913047552
12	$\mathcal{O}(2; \{3^2, 4, 6, 12^7\})$	907739136
12	$\mathcal{O}(2; \{2, 4, 6^2, 12^7\})$	451215360

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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	$\mathcal{O}(2; \{2^4, 12^8\})$	228261888
12	$\mathcal{O}(2; \{3^3, 12^8\})$	1810169856
12	$\mathcal{O}(2; \{2, 4^2, 12^8\})$	913047552
12	$\mathcal{O}(2; \{2, 3, 6, 12^8\})$	907739136
12	$\mathcal{O}(1; \{2^{20}, 3^2\})$	216
12	$\mathcal{O}(1; \{2^{16}, 3^5\})$	1080
12	$\mathcal{O}(1; \{2^{12}, 3^8\})$	9288
12	$\mathcal{O}(1; \{2^8, 3^{11}\})$	73656
12	$\mathcal{O}(1; \{2^4, 3^{14}\})$	589896
12	$\mathcal{O}(1; \{3^{17}\})$	4718520
12	$\mathcal{O}(1; \{2^{17}, 3^2, 4^2\})$	576
12	$\mathcal{O}(1; \{2^{13}, 3^5, 4^2\})$	2880
12	$\mathcal{O}(1; \{2^9, 3^8, 4^2\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^{11}, 4^2\})$	196416
12	$\mathcal{O}(1; \{2, 3^{14}, 4^2\})$	1573056
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4^4\})$	2304
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4^4\})$	11520
12	$\mathcal{O}(1; \{2^6, 3^8, 4^4\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4^4\})$	785664
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^6\})$	9216
12	$\mathcal{O}(1; \{2^7, 3^5, 4^6\})$	46080
12	$\mathcal{O}(1; \{2^3, 3^8, 4^6\})$	396288
12	$\mathcal{O}(1; \{2^8, 3^2, 4^8\})$	36864
12	$\mathcal{O}(1; \{2^4, 3^5, 4^8\})$	184320
12	$\mathcal{O}(1; \{3^8, 4^8\})$	1585152
12	$\mathcal{O}(1; \{2^5, 3^2, 4^{10}\})$	147456
12	$\mathcal{O}(1; \{2, 3^5, 4^{10}\})$	737280
12	$\mathcal{O}(1; \{2^2, 3^2, 4^{12}\})$	589824
12	$\mathcal{O}(1; \{2^{17}, 3^3, 6\})$	648
12	$\mathcal{O}(1; \{2^{13}, 3^6, 6\})$	4536
12	$\mathcal{O}(1; \{2^9, 3^9, 6\})$	36936
12	$\mathcal{O}(1; \{2^5, 3^{12}, 6\})$	294840
12	$\mathcal{O}(1; \{2, 3^{15}, 6\})$	2359368
12	$\mathcal{O}(1; \{2^{14}, 3^3, 4^2, 6\})$	1728
12	$\mathcal{O}(1; \{2^{10}, 3^6, 4^2, 6\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^9, 4^2, 6\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^{12}, 4^2, 6\})$	786240
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^4, 6\})$	6912
12	$\mathcal{O}(1; \{2^7, 3^6, 4^4, 6\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^9, 4^4, 6\})$	393984
12	$\mathcal{O}(1; \{2^8, 3^3, 4^6, 6\})$	27648
12	$\mathcal{O}(1; \{2^4, 3^6, 4^6, 6\})$	193536
12	$\mathcal{O}(1; \{3^9, 4^6, 6\})$	1575936

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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	$\mathcal{O}(1; \{2^5, 3^3, 4^8, 6\})$	110592
12	$\mathcal{O}(1; \{2, 3^6, 4^8, 6\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^3, 4^{10}, 6\})$	442368
12	$\mathcal{O}(1; \{2^{18}, 3, 6^2\})$	216
12	$\mathcal{O}(1; \{2^{14}, 3^4, 6^2\})$	2376
12	$\mathcal{O}(1; \{2^{10}, 3^7, 6^2\})$	18360
12	$\mathcal{O}(1; \{2^6, 3^{10}, 6^2\})$	147528
12	$\mathcal{O}(1; \{2^2, 3^{13}, 6^2\})$	1179576
12	$\mathcal{O}(1; \{2^{15}, 3, 4^2, 6^2\})$	576
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^2, 6^2\})$	6336
12	$\mathcal{O}(1; \{2^7, 3^7, 4^2, 6^2\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^2, 6^2\})$	393408
12	$\mathcal{O}(1; \{2^{12}, 3, 4^4, 6^2\})$	2304
12	$\mathcal{O}(1; \{2^8, 3^4, 4^4, 6^2\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^7, 4^4, 6^2\})$	195840
12	$\mathcal{O}(1; \{3^{10}, 4^4, 6^2\})$	1573632
12	$\mathcal{O}(1; \{2^9, 3, 4^6, 6^2\})$	9216
12	$\mathcal{O}(1; \{2^5, 3^4, 4^6, 6^2\})$	101376
12	$\mathcal{O}(1; \{2, 3^7, 4^6, 6^2\})$	783360
12	$\mathcal{O}(1; \{2^6, 3, 4^8, 6^2\})$	36864
12	$\mathcal{O}(1; \{2^2, 3^4, 4^8, 6^2\})$	405504
12	$\mathcal{O}(1; \{2^3, 3, 4^{10}, 6^2\})$	147456
12	$\mathcal{O}(1; \{3, 4^{12}, 6^2\})$	589824
12	$\mathcal{O}(1; \{2^{15}, 3^2, 6^3\})$	1080
12	$\mathcal{O}(1; \{2^{11}, 3^5, 6^3\})$	9288
12	$\mathcal{O}(1; \{2^7, 3^8, 6^3\})$	73656
12	$\mathcal{O}(1; \{2^3, 3^{11}, 6^3\})$	589896
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^2, 6^3\})$	2880
12	$\mathcal{O}(1; \{2^8, 3^5, 4^2, 6^3\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^8, 4^2, 6^3\})$	196416
12	$\mathcal{O}(1; \{3^{11}, 4^2, 6^3\})$	1573056
12	$\mathcal{O}(1; \{2^9, 3^2, 4^4, 6^3\})$	11520
12	$\mathcal{O}(1; \{2^5, 3^5, 4^4, 6^3\})$	99072
12	$\mathcal{O}(1; \{2, 3^8, 4^4, 6^3\})$	785664
12	$\mathcal{O}(1; \{2^6, 3^2, 4^6, 6^3\})$	46080
12	$\mathcal{O}(1; \{2^2, 3^5, 4^6, 6^3\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^2, 4^8, 6^3\})$	184320
12	$\mathcal{O}(1; \{3^2, 4^{10}, 6^3\})$	737280
12	$\mathcal{O}(1; \{2^{16}, 6^4\})$	648
12	$\mathcal{O}(1; \{2^{12}, 3^3, 6^4\})$	4536
12	$\mathcal{O}(1; \{2^8, 3^6, 6^4\})$	36936
12	$\mathcal{O}(1; \{2^4, 3^9, 6^4\})$	294840
12	$\mathcal{O}(1; \{3^{12}, 6^4\})$	2359368

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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	$\mathcal{O}(1; \{2^{13}, 4^2, 6^4\})$	1728
12	$\mathcal{O}(1; \{2^9, 3^3, 4^2, 6^4\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^6, 4^2, 6^4\})$	98496
12	$\mathcal{O}(1; \{2, 3^9, 4^2, 6^4\})$	786240
12	$\mathcal{O}(1; \{2^{10}, 4^4, 6^4\})$	6912
12	$\mathcal{O}(1; \{2^6, 3^3, 4^4, 6^4\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^6, 4^4, 6^4\})$	393984
12	$\mathcal{O}(1; \{2^7, 4^6, 6^4\})$	27648
12	$\mathcal{O}(1; \{2^3, 3^3, 4^6, 6^4\})$	193536
12	$\mathcal{O}(1; \{2^4, 4^8, 6^4\})$	110592
12	$\mathcal{O}(1; \{3^3, 4^8, 6^4\})$	774144
12	$\mathcal{O}(1; \{2, 4^{10}, 6^4\})$	442368
12	$\mathcal{O}(1; \{2^{13}, 3, 6^5\})$	2376
12	$\mathcal{O}(1; \{2^9, 3^4, 6^5\})$	18360
12	$\mathcal{O}(1; \{2^5, 3^7, 6^5\})$	147528
12	$\mathcal{O}(1; \{2, 3^{10}, 6^5\})$	1179576
12	$\mathcal{O}(1; \{2^{10}, 3, 4^2, 6^5\})$	6336
12	$\mathcal{O}(1; \{2^6, 3^4, 4^2, 6^5\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^7, 4^2, 6^5\})$	393408
12	$\mathcal{O}(1; \{2^7, 3, 4^4, 6^5\})$	25344
12	$\mathcal{O}(1; \{2^3, 3^4, 4^4, 6^5\})$	195840
12	$\mathcal{O}(1; \{2^4, 3, 4^6, 6^5\})$	101376
12	$\mathcal{O}(1; \{3^4, 4^6, 6^5\})$	783360
12	$\mathcal{O}(1; \{2, 3, 4^8, 6^5\})$	405504
12	$\mathcal{O}(1; \{2^{10}, 3^2, 6^6\})$	9288
12	$\mathcal{O}(1; \{2^6, 3^5, 6^6\})$	73656
12	$\mathcal{O}(1; \{2^2, 3^8, 6^6\})$	589896
12	$\mathcal{O}(1; \{2^7, 3^2, 4^2, 6^6\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^5, 4^2, 6^6\})$	196416
12	$\mathcal{O}(1; \{2^4, 3^2, 4^4, 6^6\})$	99072
12	$\mathcal{O}(1; \{3^5, 4^4, 6^6\})$	785664
12	$\mathcal{O}(1; \{2, 3^2, 4^6, 6^6\})$	396288
12	$\mathcal{O}(1; \{2^{11}, 6^7\})$	4536
12	$\mathcal{O}(1; \{2^7, 3^3, 6^7\})$	36936
12	$\mathcal{O}(1; \{2^3, 3^6, 6^7\})$	294840
12	$\mathcal{O}(1; \{2^8, 4^2, 6^7\})$	12096
12	$\mathcal{O}(1; \{2^4, 3^3, 4^2, 6^7\})$	98496
12	$\mathcal{O}(1; \{3^6, 4^2, 6^7\})$	786240
12	$\mathcal{O}(1; \{2^5, 4^4, 6^7\})$	48384
12	$\mathcal{O}(1; \{2, 3^3, 4^4, 6^7\})$	393984
12	$\mathcal{O}(1; \{2^2, 4^6, 6^7\})$	193536
12	$\mathcal{O}(1; \{2^8, 3, 6^8\})$	18360
12	$\mathcal{O}(1; \{2^4, 3^4, 6^8\})$	147528

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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	$\mathcal{O}(1; \{3^7, 6^8\})$	1179576
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 6^8\})$	48960
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 6^8\})$	393408
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 6^8\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^2, 6^9\})$	73656
12	$\mathcal{O}(1; \{2, 3^5, 6^9\})$	589896
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^9\})$	196416
12	$\mathcal{O}(1; \{2^6, 6^{10}\})$	36936
12	$\mathcal{O}(1; \{2^2, 3^3, 6^{10}\})$	294840
12	$\mathcal{O}(1; \{2^3, 4^2, 6^{10}\})$	98496
12	$\mathcal{O}(1; \{4^4, 6^{10}\})$	393984
12	$\mathcal{O}(1; \{2^3, 3, 6^{11}\})$	147528
12	$\mathcal{O}(1; \{3, 4^2, 6^{11}\})$	393408
12	$\mathcal{O}(1; \{3^2, 6^{12}\})$	589896
12	$\mathcal{O}(1; \{2, 6^{13}\})$	294840
12	$\mathcal{O}(1; \{2^{18}, 3, 4, 12\})$	576
12	$\mathcal{O}(1; \{2^{14}, 3^4, 4, 12\})$	2880
12	$\mathcal{O}(1; \{2^{10}, 3^7, 4, 12\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^{10}, 4, 12\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^{13}, 4, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{15}, 3, 4^3, 12\})$	2304
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^3, 12\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^7, 4^3, 12\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^3, 12\})$	785664
12	$\mathcal{O}(1; \{2^{12}, 3, 4^5, 12\})$	9216
12	$\mathcal{O}(1; \{2^8, 3^4, 4^5, 12\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^7, 4^5, 12\})$	396288
12	$\mathcal{O}(1; \{3^{10}, 4^5, 12\})$	3142656
12	$\mathcal{O}(1; \{2^9, 3, 4^7, 12\})$	36864
12	$\mathcal{O}(1; \{2^5, 3^4, 4^7, 12\})$	184320
12	$\mathcal{O}(1; \{2, 3^7, 4^7, 12\})$	1585152
12	$\mathcal{O}(1; \{2^6, 3, 4^9, 12\})$	147456
12	$\mathcal{O}(1; \{2^2, 3^4, 4^9, 12\})$	737280
12	$\mathcal{O}(1; \{2^3, 3, 4^{11}, 12\})$	589824
12	$\mathcal{O}(1; \{3, 4^{13}, 12\})$	2359296
12	$\mathcal{O}(1; \{2^{15}, 3^2, 4, 6, 12\})$	1728
12	$\mathcal{O}(1; \{2^{11}, 3^5, 4, 6, 12\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^8, 4, 6, 12\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^{11}, 4, 6, 12\})$	786240
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^3, 6, 12\})$	6912
12	$\mathcal{O}(1; \{2^8, 3^5, 4^3, 6, 12\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^8, 4^3, 6, 12\})$	393984
12	$\mathcal{O}(1; \{3^{11}, 4^3, 6, 12\})$	3144960

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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	$\mathcal{O}(1; \{2^9, 3^2, 4^5, 6, 12\})$	27648
12	$\mathcal{O}(1; \{2^5, 3^5, 4^5, 6, 12\})$	193536
12	$\mathcal{O}(1; \{2, 3^8, 4^5, 6, 12\})$	1575936
12	$\mathcal{O}(1; \{2^6, 3^2, 4^7, 6, 12\})$	110592
12	$\mathcal{O}(1; \{2^2, 3^5, 4^7, 6, 12\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^2, 4^9, 6, 12\})$	442368
12	$\mathcal{O}(1; \{3^2, 4^{11}, 6, 12\})$	1769472
12	$\mathcal{O}(1; \{2^{16}, 4, 6^2, 12\})$	576
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4, 6^2, 12\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^6, 4, 6^2, 12\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^9, 4, 6^2, 12\})$	393408
12	$\mathcal{O}(1; \{3^{12}, 4, 6^2, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{13}, 4^3, 6^2, 12\})$	2304
12	$\mathcal{O}(1; \{2^9, 3^3, 4^3, 6^2, 12\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^6, 4^3, 6^2, 12\})$	195840
12	$\mathcal{O}(1; \{2, 3^9, 4^3, 6^2, 12\})$	1573632
12	$\mathcal{O}(1; \{2^{10}, 4^5, 6^2, 12\})$	9216
12	$\mathcal{O}(1; \{2^6, 3^3, 4^5, 6^2, 12\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^6, 4^5, 6^2, 12\})$	783360
12	$\mathcal{O}(1; \{2^7, 4^7, 6^2, 12\})$	36864
12	$\mathcal{O}(1; \{2^3, 3^3, 4^7, 6^2, 12\})$	405504
12	$\mathcal{O}(1; \{2^4, 4^9, 6^2, 12\})$	147456
12	$\mathcal{O}(1; \{3^3, 4^9, 6^2, 12\})$	1622016
12	$\mathcal{O}(1; \{2, 4^{11}, 6^2, 12\})$	589824
12	$\mathcal{O}(1; \{2^{13}, 3, 4, 6^3, 12\})$	2880
12	$\mathcal{O}(1; \{2^9, 3^4, 4, 6^3, 12\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^7, 4, 6^3, 12\})$	196416
12	$\mathcal{O}(1; \{2, 3^{10}, 4, 6^3, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{10}, 3, 4^3, 6^3, 12\})$	11520
12	$\mathcal{O}(1; \{2^6, 3^4, 4^3, 6^3, 12\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^7, 4^3, 6^3, 12\})$	785664
12	$\mathcal{O}(1; \{2^7, 3, 4^5, 6^3, 12\})$	46080
12	$\mathcal{O}(1; \{2^3, 3^4, 4^5, 6^3, 12\})$	396288
12	$\mathcal{O}(1; \{2^4, 3, 4^7, 6^3, 12\})$	184320
12	$\mathcal{O}(1; \{3^4, 4^7, 6^3, 12\})$	1585152
12	$\mathcal{O}(1; \{2, 3, 4^9, 6^3, 12\})$	737280
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4, 6^4, 12\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^5, 4, 6^4, 12\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^8, 4, 6^4, 12\})$	786240
12	$\mathcal{O}(1; \{2^7, 3^2, 4^3, 6^4, 12\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^5, 4^3, 6^4, 12\})$	393984
12	$\mathcal{O}(1; \{2^4, 3^2, 4^5, 6^4, 12\})$	193536
12	$\mathcal{O}(1; \{3^5, 4^5, 6^4, 12\})$	1575936

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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	$\mathcal{O}(1; \{2, 3^2, 4^7, 6^4, 12\})$	774144
12	$\mathcal{O}(1; \{2^{11}, 4, 6^5, 12\})$	6336
12	$\mathcal{O}(1; \{2^7, 3^3, 4, 6^5, 12\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^6, 4, 6^5, 12\})$	393408
12	$\mathcal{O}(1; \{2^8, 4^3, 6^5, 12\})$	25344
12	$\mathcal{O}(1; \{2^4, 3^3, 4^3, 6^5, 12\})$	195840
12	$\mathcal{O}(1; \{3^6, 4^3, 6^5, 12\})$	1573632
12	$\mathcal{O}(1; \{2^5, 4^5, 6^5, 12\})$	101376
12	$\mathcal{O}(1; \{2, 3^3, 4^5, 6^5, 12\})$	783360
12	$\mathcal{O}(1; \{2^2, 4^7, 6^5, 12\})$	405504
12	$\mathcal{O}(1; \{2^8, 3, 4, 6^6, 12\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^4, 4, 6^6, 12\})$	196416
12	$\mathcal{O}(1; \{3^7, 4, 6^6, 12\})$	1573056
12	$\mathcal{O}(1; \{2^5, 3, 4^3, 6^6, 12\})$	99072
12	$\mathcal{O}(1; \{2, 3^4, 4^3, 6^6, 12\})$	785664
12	$\mathcal{O}(1; \{2^2, 3, 4^5, 6^6, 12\})$	396288
12	$\mathcal{O}(1; \{2^5, 3^2, 4, 6^7, 12\})$	98496
12	$\mathcal{O}(1; \{2, 3^5, 4, 6^7, 12\})$	786240
12	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 6^7, 12\})$	393984
12	$\mathcal{O}(1; \{2^6, 4, 6^8, 12\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 6^8, 12\})$	393408
12	$\mathcal{O}(1; \{2^3, 4^3, 6^8, 12\})$	195840
12	$\mathcal{O}(1; \{4^5, 6^8, 12\})$	783360
12	$\mathcal{O}(1; \{2^3, 3, 4, 6^9, 12\})$	196416
12	$\mathcal{O}(1; \{3, 4^3, 6^9, 12\})$	785664
12	$\mathcal{O}(1; \{3^2, 4, 6^{10}, 12\})$	786240
12	$\mathcal{O}(1; \{2, 4, 6^{11}, 12\})$	393408
12	$\mathcal{O}(1; \{2^{19}, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{15}, 3^3, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{11}, 3^6, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^7, 3^9, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^{12}, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^{16}, 4^2, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4^2, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^6, 4^2, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^9, 4^2, 12^2\})$	785664
12	$\mathcal{O}(1; \{3^{12}, 4^2, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^{13}, 4^4, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^9, 3^3, 4^4, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^6, 4^4, 12^2\})$	396288
12	$\mathcal{O}(1; \{2, 3^9, 4^4, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^{10}, 4^6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^6, 3^3, 4^6, 12^2\})$	184320

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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	$\mathcal{O}(1; \{2^2, 3^6, 4^6, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^7, 4^8, 12^2\})$	147456
12	$\mathcal{O}(1; \{2^3, 3^3, 4^8, 12^2\})$	737280
12	$\mathcal{O}(1; \{2^4, 4^{10}, 12^2\})$	589824
12	$\mathcal{O}(1; \{3^3, 4^{10}, 12^2\})$	2949120
12	$\mathcal{O}(1; \{2, 4^{12}, 12^2\})$	2359296
12	$\mathcal{O}(1; \{2^{16}, 3, 6, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{12}, 3^4, 6, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^7, 6, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^{10}, 6, 12^2\})$	786240
12	$\mathcal{O}(1; \{3^{13}, 6, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{13}, 3, 4^2, 6, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^9, 3^4, 4^2, 6, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^7, 4^2, 6, 12^2\})$	393984
12	$\mathcal{O}(1; \{2, 3^{10}, 4^2, 6, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^{10}, 3, 4^4, 6, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^6, 3^4, 4^4, 6, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^7, 4^4, 6, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^7, 3, 4^6, 6, 12^2\})$	110592
12	$\mathcal{O}(1; \{2^3, 3^4, 4^6, 6, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^4, 3, 4^8, 6, 12^2\})$	442368
12	$\mathcal{O}(1; \{3^4, 4^8, 6, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2, 3, 4^{10}, 6, 12^2\})$	1769472
12	$\mathcal{O}(1; \{2^{13}, 3^2, 6^2, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^5, 6^2, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^8, 6^2, 12^2\})$	393408
12	$\mathcal{O}(1; \{2, 3^{11}, 6^2, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^2, 6^2, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^5, 4^2, 6^2, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^8, 4^2, 6^2, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^7, 3^2, 4^4, 6^2, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^5, 4^4, 6^2, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^2, 4^6, 6^2, 12^2\})$	405504
12	$\mathcal{O}(1; \{3^5, 4^6, 6^2, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2, 3^2, 4^8, 6^2, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2^{14}, 6^3, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{10}, 3^3, 6^3, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^6, 6^3, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^9, 6^3, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^{11}, 4^2, 6^3, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^3, 4^2, 6^3, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^6, 4^2, 6^3, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^8, 4^4, 6^3, 12^2\})$	46080

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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	$\mathcal{O}(1; \{2^4, 3^3, 4^4, 6^3, 12^2\})$	396288
12	$\mathcal{O}(1; \{3^6, 4^4, 6^3, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^5, 4^6, 6^3, 12^2\})$	184320
12	$\mathcal{O}(1; \{2, 3^3, 4^6, 6^3, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^2, 4^8, 6^3, 12^2\})$	737280
12	$\mathcal{O}(1; \{2^{11}, 3, 6^4, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^4, 6^4, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^7, 6^4, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^8, 3, 4^2, 6^4, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^4, 4^2, 6^4, 12^2\})$	393984
12	$\mathcal{O}(1; \{3^7, 4^2, 6^4, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^5, 3, 4^4, 6^4, 12^2\})$	193536
12	$\mathcal{O}(1; \{2, 3^4, 4^4, 6^4, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3, 4^6, 6^4, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^8, 3^2, 6^5, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^5, 6^5, 12^2\})$	393408
12	$\mathcal{O}(1; \{3^8, 6^5, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 6^5, 12^2\})$	195840
12	$\mathcal{O}(1; \{2, 3^5, 4^2, 6^5, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 6^5, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^9, 6^6, 12^2\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^3, 6^6, 12^2\})$	196416
12	$\mathcal{O}(1; \{2, 3^6, 6^6, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^6, 4^2, 6^6, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6^6, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^3, 4^4, 6^6, 12^2\})$	396288
12	$\mathcal{O}(1; \{4^6, 6^6, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^6, 3, 6^7, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^4, 6^7, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^7, 12^2\})$	393984
12	$\mathcal{O}(1; \{3, 4^4, 6^7, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3^2, 6^8, 12^2\})$	393408
12	$\mathcal{O}(1; \{3^2, 4^2, 6^8, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^4, 6^9, 12^2\})$	196416
12	$\mathcal{O}(1; \{3^3, 6^9, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2, 4^2, 6^9, 12^2\})$	785664
12	$\mathcal{O}(1; \{2, 3, 6^{10}, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^{13}, 3^2, 4, 12^3\})$	11520
12	$\mathcal{O}(1; \{2^9, 3^5, 4, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^8, 4, 12^3\})$	785664
12	$\mathcal{O}(1; \{2, 3^{11}, 4, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^3, 12^3\})$	46080
12	$\mathcal{O}(1; \{2^6, 3^5, 4^3, 12^3\})$	396288

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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	$\mathcal{O}(1; \{2^2, 3^8, 4^3, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^7, 3^2, 4^5, 12^3\})$	184320
12	$\mathcal{O}(1; \{2^3, 3^5, 4^5, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3^2, 4^7, 12^3\})$	737280
12	$\mathcal{O}(1; \{3^5, 4^7, 12^3\})$	6340608
12	$\mathcal{O}(1; \{2, 3^2, 4^9, 12^3\})$	2949120
12	$\mathcal{O}(1; \{2^{14}, 4, 6, 12^3\})$	6912
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4, 6, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^6, 3^6, 4, 6, 12^3\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^9, 4, 6, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^{11}, 4^3, 6, 12^3\})$	27648
12	$\mathcal{O}(1; \{2^7, 3^3, 4^3, 6, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^3, 3^6, 4^3, 6, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^8, 4^5, 6, 12^3\})$	110592
12	$\mathcal{O}(1; \{2^4, 3^3, 4^5, 6, 12^3\})$	774144
12	$\mathcal{O}(1; \{3^6, 4^5, 6, 12^3\})$	6303744
12	$\mathcal{O}(1; \{2^5, 4^7, 6, 12^3\})$	442368
12	$\mathcal{O}(1; \{2, 3^3, 4^7, 6, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2^2, 4^9, 6, 12^3\})$	1769472
12	$\mathcal{O}(1; \{2^{11}, 3, 4, 6^2, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^4, 4, 6^2, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^7, 4, 6^2, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^8, 3, 4^3, 6^2, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^4, 4^3, 6^2, 12^3\})$	783360
12	$\mathcal{O}(1; \{3^7, 4^3, 6^2, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^5, 3, 4^5, 6^2, 12^3\})$	405504
12	$\mathcal{O}(1; \{2, 3^4, 4^5, 6^2, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3, 4^7, 6^2, 12^3\})$	1622016
12	$\mathcal{O}(1; \{2^8, 3^2, 4, 6^3, 12^3\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^5, 4, 6^3, 12^3\})$	785664
12	$\mathcal{O}(1; \{3^8, 4, 6^3, 12^3\})$	6292224
12	$\mathcal{O}(1; \{2^5, 3^2, 4^3, 6^3, 12^3\})$	396288
12	$\mathcal{O}(1; \{2, 3^5, 4^3, 6^3, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^2, 3^2, 4^5, 6^3, 12^3\})$	1585152
12	$\mathcal{O}(1; \{2^9, 4, 6^4, 12^3\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^3, 4, 6^4, 12^3\})$	393984
12	$\mathcal{O}(1; \{2, 3^6, 4, 6^4, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^6, 4^3, 6^4, 12^3\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^3, 4^3, 6^4, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^3, 4^5, 6^4, 12^3\})$	774144
12	$\mathcal{O}(1; \{4^7, 6^4, 12^3\})$	3096576
12	$\mathcal{O}(1; \{2^6, 3, 4, 6^5, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^4, 4, 6^5, 12^3\})$	1573632

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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	$\mathcal{O}(1; \{2^3, 3, 4^3, 6^5, 12^3\})$	783360
12	$\mathcal{O}(1; \{3, 4^5, 6^5, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 6^6, 12^3\})$	785664
12	$\mathcal{O}(1; \{3^2, 4^3, 6^6, 12^3\})$	3142656
12	$\mathcal{O}(1; \{2^4, 4, 6^7, 12^3\})$	393984
12	$\mathcal{O}(1; \{3^3, 4, 6^7, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2, 4^3, 6^7, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2, 3, 4, 6^8, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^{14}, 3, 12^4\})$	11520
12	$\mathcal{O}(1; \{2^{10}, 3^4, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^7, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^{10}, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^{11}, 3, 4^2, 12^4\})$	46080
12	$\mathcal{O}(1; \{2^7, 3^4, 4^2, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^7, 4^2, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^8, 3, 4^4, 12^4\})$	184320
12	$\mathcal{O}(1; \{2^4, 3^4, 4^4, 12^4\})$	1585152
12	$\mathcal{O}(1; \{3^7, 4^4, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^5, 3, 4^6, 12^4\})$	737280
12	$\mathcal{O}(1; \{2, 3^4, 4^6, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2^2, 3, 4^8, 12^4\})$	2949120
12	$\mathcal{O}(1; \{2^{11}, 3^2, 6, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^5, 6, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^8, 6, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^8, 3^2, 4^2, 6, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^5, 4^2, 6, 12^4\})$	1575936
12	$\mathcal{O}(1; \{3^8, 4^2, 6, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^5, 3^2, 4^4, 6, 12^4\})$	774144
12	$\mathcal{O}(1; \{2, 3^5, 4^4, 6, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3^2, 4^6, 6, 12^4\})$	3096576
12	$\mathcal{O}(1; \{2^{12}, 6^2, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^3, 6^2, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^6, 6^2, 12^4\})$	1573632
12	$\mathcal{O}(1; \{3^9, 6^2, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^9, 4^2, 6^2, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^3, 4^2, 6^2, 12^4\})$	783360
12	$\mathcal{O}(1; \{2, 3^6, 4^2, 6^2, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^6, 4^4, 6^2, 12^4\})$	405504
12	$\mathcal{O}(1; \{2^2, 3^3, 4^4, 6^2, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^3, 4^6, 6^2, 12^4\})$	1622016
12	$\mathcal{O}(1; \{4^8, 6^2, 12^4\})$	6488064
12	$\mathcal{O}(1; \{2^9, 3, 6^3, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^4, 6^3, 12^4\})$	785664

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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	$\mathcal{O}(1; \{2, 3^7, 6^3, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 6^3, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 6^3, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 6^3, 12^4\})$	1585152
12	$\mathcal{O}(1; \{3, 4^6, 6^3, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2^6, 3^2, 6^4, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^5, 6^4, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6^4, 12^4\})$	1575936
12	$\mathcal{O}(1; \{3^2, 4^4, 6^4, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^7, 6^5, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^3, 6^5, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^4, 4^2, 6^5, 12^4\})$	783360
12	$\mathcal{O}(1; \{3^3, 4^2, 6^5, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2, 4^4, 6^5, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3, 6^6, 12^4\})$	785664
12	$\mathcal{O}(1; \{3^4, 6^6, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^6, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2, 3^2, 6^7, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^2, 6^8, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2^{12}, 4, 12^5\})$	46080
12	$\mathcal{O}(1; \{2^8, 3^3, 4, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^6, 4, 12^5\})$	3142656
12	$\mathcal{O}(1; \{3^9, 4, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^9, 4^3, 12^5\})$	184320
12	$\mathcal{O}(1; \{2^5, 3^3, 4^3, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2, 3^6, 4^3, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^6, 4^5, 12^5\})$	737280
12	$\mathcal{O}(1; \{2^2, 3^3, 4^5, 12^5\})$	6340608
12	$\mathcal{O}(1; \{2^3, 4^7, 12^5\})$	2949120
12	$\mathcal{O}(1; \{4^9, 12^5\})$	11796480
12	$\mathcal{O}(1; \{2^9, 3, 4, 6, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^4, 4, 6, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2, 3^7, 4, 6, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^6, 3, 4^3, 6, 12^5\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^4, 4^3, 6, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3, 4^5, 6, 12^5\})$	3096576
12	$\mathcal{O}(1; \{3, 4^7, 6, 12^5\})$	12386304
12	$\mathcal{O}(1; \{2^6, 3^2, 4, 6^2, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^5, 4, 6^2, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^3, 3^2, 4^3, 6^2, 12^5\})$	3133440
12	$\mathcal{O}(1; \{3^2, 4^5, 6^2, 12^5\})$	12533760
12	$\mathcal{O}(1; \{2^7, 4, 6^3, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^3, 4, 6^3, 12^5\})$	3142656

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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	$\mathcal{O}(1; \{2^4, 4^3, 6^3, 12^5\})$	1585152
12	$\mathcal{O}(1; \{3^3, 4^3, 6^3, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2, 4^5, 6^3, 12^5\})$	6340608
12	$\mathcal{O}(1; \{2^4, 3, 4, 6^4, 12^5\})$	1575936
12	$\mathcal{O}(1; \{3^4, 4, 6^4, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2, 3, 4^3, 6^4, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2, 3^2, 4, 6^5, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^2, 4, 6^6, 12^5\})$	3142656
12	$\mathcal{O}(1; \{2^9, 3^2, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^5, 3^5, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2, 3^8, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^6, 3^2, 4^2, 12^6\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^5, 4^2, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2^3, 3^2, 4^4, 12^6\})$	6340608
12	$\mathcal{O}(1; \{3^2, 4^6, 12^6\})$	25362432
12	$\mathcal{O}(1; \{2^{10}, 6, 12^6\})$	193536
12	$\mathcal{O}(1; \{2^6, 3^3, 6, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^6, 6, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^7, 4^2, 6, 12^6\})$	774144
12	$\mathcal{O}(1; \{2^3, 3^3, 4^2, 6, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2^4, 4^4, 6, 12^6\})$	3096576
12	$\mathcal{O}(1; \{3^3, 4^4, 6, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2, 4^6, 6, 12^6\})$	12386304
12	$\mathcal{O}(1; \{2^7, 3, 6^2, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^4, 6^2, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 6^2, 12^6\})$	3133440
12	$\mathcal{O}(1; \{3^4, 4^2, 6^2, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2, 3, 4^4, 6^2, 12^6\})$	12533760
12	$\mathcal{O}(1; \{2^4, 3^2, 6^3, 12^6\})$	3142656
12	$\mathcal{O}(1; \{3^5, 6^3, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6^3, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2^5, 6^4, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2, 3^3, 6^4, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^2, 4^2, 6^4, 12^6\})$	6303744
12	$\mathcal{O}(1; \{2^2, 3, 6^5, 12^6\})$	6294528
12	$\mathcal{O}(1; \{6^7, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^7, 3, 4, 12^7\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^4, 4, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2^4, 3, 4^3, 12^7\})$	6340608
12	$\mathcal{O}(1; \{3^4, 4^3, 12^7\})$	50282496
12	$\mathcal{O}(1; \{2, 3, 4^5, 12^7\})$	25362432
12	$\mathcal{O}(1; \{2^4, 3^2, 4, 6, 12^7\})$	6303744
12	$\mathcal{O}(1; \{3^5, 4, 6, 12^7\})$	50319360

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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	$\mathcal{O}(1; \{2, 3^2, 4^3, 6, 12^7\})$	25214976
12	$\mathcal{O}(1; \{2^5, 4, 6^2, 12^7\})$	3133440
12	$\mathcal{O}(1; \{2, 3^3, 4, 6^2, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2^2, 4^3, 6^2, 12^7\})$	12533760
12	$\mathcal{O}(1; \{2^2, 3, 4, 6^3, 12^7\})$	12570624
12	$\mathcal{O}(1; \{4, 6^5, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2^8, 12^8\})$	1585152
12	$\mathcal{O}(1; \{2^4, 3^3, 12^8\})$	12570624
12	$\mathcal{O}(1; \{3^6, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2^5, 4^2, 12^8\})$	6340608
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 12^8\})$	50282496
12	$\mathcal{O}(1; \{2^2, 4^4, 12^8\})$	25362432
12	$\mathcal{O}(1; \{2^5, 3, 6, 12^8\})$	6303744
12	$\mathcal{O}(1; \{2, 3^4, 6, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6, 12^8\})$	25214976
12	$\mathcal{O}(1; \{2^2, 3^2, 6^2, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2^3, 6^3, 12^8\})$	12570624
12	$\mathcal{O}(1; \{4^2, 6^3, 12^8\})$	50282496
12	$\mathcal{O}(1; \{3, 6^4, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 12^9\})$	50282496
12	$\mathcal{O}(1; \{2^3, 4, 6, 12^9\})$	25214976
12	$\mathcal{O}(1; \{4^3, 6, 12^9\})$	100859904
12	$\mathcal{O}(1; \{3, 4, 6^2, 12^9\})$	100712448
12	$\mathcal{O}(1; \{2^3, 3, 12^{10}\})$	50282496
12	$\mathcal{O}(1; \{3, 4^2, 12^{10}\})$	201129984
12	$\mathcal{O}(1; \{3^2, 6, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{2, 6^2, 12^{10}\})$	100712448
12	$\mathcal{O}(1; \{2, 4, 12^{11}\})$	201129984
12	$\mathcal{O}(0; \{2^{21}, 3^2, 4^2\})$	4
12	$\mathcal{O}(0; \{2^{17}, 3^5, 4^2\})$	20
12	$\mathcal{O}(0; \{2^{13}, 3^8, 4^2\})$	172
12	$\mathcal{O}(0; \{2^9, 3^{11}, 4^2\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^{14}, 4^2\})$	10924
12	$\mathcal{O}(0; \{2, 3^{17}, 4^2\})$	87380
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4^4\})$	16
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4^4\})$	80
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4^4\})$	688
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4^4\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4^4\})$	43696
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^6\})$	64
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^6\})$	320
12	$\mathcal{O}(0; \{2^7, 3^8, 4^6\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^6\})$	21824

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^8\})$	256
12	$\mathcal{O}(0; \{2^8, 3^5, 4^8\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^8, 4^8\})$	11008
12	$\mathcal{O}(0; \{3^{11}, 4^8\})$	87296
12	$\mathcal{O}(0; \{2^9, 3^2, 4^{10}\})$	1024
12	$\mathcal{O}(0; \{2^5, 3^5, 4^{10}\})$	5120
12	$\mathcal{O}(0; \{2, 3^8, 4^{10}\})$	44032
12	$\mathcal{O}(0; \{2^6, 3^2, 4^{12}\})$	4096
12	$\mathcal{O}(0; \{2^2, 3^5, 4^{12}\})$	20480
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{14}\})$	16384
12	$\mathcal{O}(0; \{3^2, 4^{16}\})$	65536
12	$\mathcal{O}(0; \{2^{18}, 3^3, 4^2, 6\})$	12
12	$\mathcal{O}(0; \{2^{14}, 3^6, 4^2, 6\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^9, 4^2, 6\})$	684
12	$\mathcal{O}(0; \{2^6, 3^{12}, 4^2, 6\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{15}, 4^2, 6\})$	43692
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^4, 6\})$	48
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^4, 6\})$	336
12	$\mathcal{O}(0; \{2^7, 3^9, 4^4, 6\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^4, 6\})$	21840
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^6, 6\})$	192
12	$\mathcal{O}(0; \{2^8, 3^6, 4^6, 6\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^9, 4^6, 6\})$	10944
12	$\mathcal{O}(0; \{3^{12}, 4^6, 6\})$	87360
12	$\mathcal{O}(0; \{2^9, 3^3, 4^8, 6\})$	768
12	$\mathcal{O}(0; \{2^5, 3^6, 4^8, 6\})$	5376
12	$\mathcal{O}(0; \{2, 3^9, 4^8, 6\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^3, 4^{10}, 6\})$	3072
12	$\mathcal{O}(0; \{2^2, 3^6, 4^{10}, 6\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{12}, 6\})$	12288
12	$\mathcal{O}(0; \{3^3, 4^{14}, 6\})$	49152
12	$\mathcal{O}(0; \{2^{19}, 3, 4^2, 6^2\})$	4
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^2, 6^2\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^2, 6^2\})$	340
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^2, 6^2\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^2, 6^2\})$	21844
12	$\mathcal{O}(0; \{2^{16}, 3, 4^4, 6^2\})$	16
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^4, 6^2\})$	176
12	$\mathcal{O}(0; \{2^8, 3^7, 4^4, 6^2\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^4, 6^2\})$	10928
12	$\mathcal{O}(0; \{3^{13}, 4^4, 6^2\})$	87376
12	$\mathcal{O}(0; \{2^{13}, 3, 4^6, 6^2\})$	64
12	$\mathcal{O}(0; \{2^9, 3^4, 4^6, 6^2\})$	704

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^7, 4^6, 6^2\})$	5440
12	$\mathcal{O}(0; \{2, 3^{10}, 4^6, 6^2\})$	43712
12	$\mathcal{O}(0; \{2^{10}, 3, 4^8, 6^2\})$	256
12	$\mathcal{O}(0; \{2^6, 3^4, 4^8, 6^2\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^7, 4^8, 6^2\})$	21760
12	$\mathcal{O}(0; \{2^7, 3, 4^{10}, 6^2\})$	1024
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{10}, 6^2\})$	11264
12	$\mathcal{O}(0; \{2^4, 3, 4^{12}, 6^2\})$	4096
12	$\mathcal{O}(0; \{3^4, 4^{12}, 6^2\})$	45056
12	$\mathcal{O}(0; \{2, 3, 4^{14}, 6^2\})$	16384
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^2, 6^3\})$	20
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^2, 6^3\})$	172
12	$\mathcal{O}(0; \{2^8, 3^8, 4^2, 6^3\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^2, 6^3\})$	10924
12	$\mathcal{O}(0; \{3^{14}, 4^2, 6^3\})$	87380
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^4, 6^3\})$	80
12	$\mathcal{O}(0; \{2^9, 3^5, 4^4, 6^3\})$	688
12	$\mathcal{O}(0; \{2^5, 3^8, 4^4, 6^3\})$	5456
12	$\mathcal{O}(0; \{2, 3^{11}, 4^4, 6^3\})$	43696
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^6, 6^3\})$	320
12	$\mathcal{O}(0; \{2^6, 3^5, 4^6, 6^3\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^8, 4^6, 6^3\})$	21824
12	$\mathcal{O}(0; \{2^7, 3^2, 4^8, 6^3\})$	1280
12	$\mathcal{O}(0; \{2^3, 3^5, 4^8, 6^3\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{10}, 6^3\})$	5120
12	$\mathcal{O}(0; \{3^5, 4^{10}, 6^3\})$	44032
12	$\mathcal{O}(0; \{2, 3^2, 4^{12}, 6^3\})$	20480
12	$\mathcal{O}(0; \{2^{17}, 4^2, 6^4\})$	12
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^2, 6^4\})$	84
12	$\mathcal{O}(0; \{2^9, 3^6, 4^2, 6^4\})$	684
12	$\mathcal{O}(0; \{2^5, 3^9, 4^2, 6^4\})$	5460
12	$\mathcal{O}(0; \{2, 3^{12}, 4^2, 6^4\})$	43692
12	$\mathcal{O}(0; \{2^{14}, 4^4, 6^4\})$	48
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^4, 6^4\})$	336
12	$\mathcal{O}(0; \{2^6, 3^6, 4^4, 6^4\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^9, 4^4, 6^4\})$	21840
12	$\mathcal{O}(0; \{2^{11}, 4^6, 6^4\})$	192
12	$\mathcal{O}(0; \{2^7, 3^3, 4^6, 6^4\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^6, 4^6, 6^4\})$	10944
12	$\mathcal{O}(0; \{2^8, 4^8, 6^4\})$	768
12	$\mathcal{O}(0; \{2^4, 3^3, 4^8, 6^4\})$	5376
12	$\mathcal{O}(0; \{3^6, 4^8, 6^4\})$	43776
12	$\mathcal{O}(0; \{2^5, 4^{10}, 6^4\})$	3072

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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	$\mathcal{O}(0; \{2, 3^3, 4^{10}, 6^4\})$	21504
12	$\mathcal{O}(0; \{2^2, 4^{12}, 6^4\})$	12288
12	$\mathcal{O}(0; \{2^{14}, 3, 4^2, 6^5\})$	44
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^2, 6^5\})$	340
12	$\mathcal{O}(0; \{2^6, 3^7, 4^2, 6^5\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^2, 6^5\})$	21844
12	$\mathcal{O}(0; \{2^{11}, 3, 4^4, 6^5\})$	176
12	$\mathcal{O}(0; \{2^7, 3^4, 4^4, 6^5\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^7, 4^4, 6^5\})$	10928
12	$\mathcal{O}(0; \{2^8, 3, 4^6, 6^5\})$	704
12	$\mathcal{O}(0; \{2^4, 3^4, 4^6, 6^5\})$	5440
12	$\mathcal{O}(0; \{3^7, 4^6, 6^5\})$	43712
12	$\mathcal{O}(0; \{2^5, 3, 4^8, 6^5\})$	2816
12	$\mathcal{O}(0; \{2, 3^4, 4^8, 6^5\})$	21760
12	$\mathcal{O}(0; \{2^2, 3, 4^{10}, 6^5\})$	11264
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^2, 6^6\})$	172
12	$\mathcal{O}(0; \{2^7, 3^5, 4^2, 6^6\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^8, 4^2, 6^6\})$	10924
12	$\mathcal{O}(0; \{2^8, 3^2, 4^4, 6^6\})$	688
12	$\mathcal{O}(0; \{2^4, 3^5, 4^4, 6^6\})$	5456
12	$\mathcal{O}(0; \{3^8, 4^4, 6^6\})$	43696
12	$\mathcal{O}(0; \{2^5, 3^2, 4^6, 6^6\})$	2752
12	$\mathcal{O}(0; \{2, 3^5, 4^6, 6^6\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^2, 4^8, 6^6\})$	11008
12	$\mathcal{O}(0; \{2^{12}, 4^2, 6^7\})$	84
12	$\mathcal{O}(0; \{2^8, 3^3, 4^2, 6^7\})$	684
12	$\mathcal{O}(0; \{2^4, 3^6, 4^2, 6^7\})$	5460
12	$\mathcal{O}(0; \{3^9, 4^2, 6^7\})$	43692
12	$\mathcal{O}(0; \{2^9, 4^4, 6^7\})$	336
12	$\mathcal{O}(0; \{2^5, 3^3, 4^4, 6^7\})$	2736
12	$\mathcal{O}(0; \{2, 3^6, 4^4, 6^7\})$	21840
12	$\mathcal{O}(0; \{2^6, 4^6, 6^7\})$	1344
12	$\mathcal{O}(0; \{2^2, 3^3, 4^6, 6^7\})$	10944
12	$\mathcal{O}(0; \{2^3, 4^8, 6^7\})$	5376
12	$\mathcal{O}(0; \{4^{10}, 6^7\})$	21504
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 6^8\})$	340
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 6^8\})$	2732
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 6^8\})$	21844
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 6^8\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 6^8\})$	10928
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 6^8\})$	5440
12	$\mathcal{O}(0; \{3, 4^8, 6^8\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6^9\})$	1364

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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	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6^9\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6^9\})$	5456
12	$\mathcal{O}(0; \{3^2, 4^6, 6^9\})$	21824
12	$\mathcal{O}(0; \{2^7, 4^2, 6^{10}\})$	684
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^{10}\})$	5460
12	$\mathcal{O}(0; \{2^4, 4^4, 6^{10}\})$	2736
12	$\mathcal{O}(0; \{3^3, 4^4, 6^{10}\})$	21840
12	$\mathcal{O}(0; \{2, 4^6, 6^{10}\})$	10944
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^{11}\})$	2732
12	$\mathcal{O}(0; \{3^4, 4^2, 6^{11}\})$	21844
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^{11}\})$	10928
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^{12}\})$	10924
12	$\mathcal{O}(0; \{2^2, 4^2, 6^{13}\})$	5460
12	$\mathcal{O}(0; \{2^{22}, 3, 4, 12\})$	4
12	$\mathcal{O}(0; \{2^{18}, 3^4, 4, 12\})$	20
12	$\mathcal{O}(0; \{2^{14}, 3^7, 4, 12\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^{10}, 4, 12\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^{13}, 4, 12\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{16}, 4, 12\})$	87380
12	$\mathcal{O}(0; \{2^{19}, 3, 4^3, 12\})$	16
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^3, 12\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^3, 12\})$	688
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^3, 12\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^3, 12\})$	43696
12	$\mathcal{O}(0; \{2^{16}, 3, 4^5, 12\})$	64
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^5, 12\})$	320
12	$\mathcal{O}(0; \{2^8, 3^7, 4^5, 12\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^5, 12\})$	21824
12	$\mathcal{O}(0; \{3^{13}, 4^5, 12\})$	174784
12	$\mathcal{O}(0; \{2^{13}, 3, 4^7, 12\})$	256
12	$\mathcal{O}(0; \{2^9, 3^4, 4^7, 12\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^7, 4^7, 12\})$	11008
12	$\mathcal{O}(0; \{2, 3^{10}, 4^7, 12\})$	87296
12	$\mathcal{O}(0; \{2^{10}, 3, 4^9, 12\})$	1024
12	$\mathcal{O}(0; \{2^6, 3^4, 4^9, 12\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^7, 4^9, 12\})$	44032
12	$\mathcal{O}(0; \{2^7, 3, 4^{11}, 12\})$	4096
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{11}, 12\})$	20480
12	$\mathcal{O}(0; \{2^4, 3, 4^{13}, 12\})$	16384
12	$\mathcal{O}(0; \{3^4, 4^{13}, 12\})$	81920
12	$\mathcal{O}(0; \{2, 3, 4^{15}, 12\})$	65536
12	$\mathcal{O}(0; \{2^{19}, 3^2, 4, 6, 12\})$	12
12	$\mathcal{O}(0; \{2^{15}, 3^5, 4, 6, 12\})$	84

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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	$\mathcal{O}(0; \{2^{11}, 3^8, 4, 6, 12\})$	684
12	$\mathcal{O}(0; \{2^7, 3^{11}, 4, 6, 12\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{14}, 4, 6, 12\})$	43692
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^3, 6, 12\})$	48
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^3, 6, 12\})$	336
12	$\mathcal{O}(0; \{2^8, 3^8, 4^3, 6, 12\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^3, 6, 12\})$	21840
12	$\mathcal{O}(0; \{3^{14}, 4^3, 6, 12\})$	174768
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^5, 6, 12\})$	192
12	$\mathcal{O}(0; \{2^9, 3^5, 4^5, 6, 12\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^8, 4^5, 6, 12\})$	10944
12	$\mathcal{O}(0; \{2, 3^{11}, 4^5, 6, 12\})$	87360
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^7, 6, 12\})$	768
12	$\mathcal{O}(0; \{2^6, 3^5, 4^7, 6, 12\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^8, 4^7, 6, 12\})$	43776
12	$\mathcal{O}(0; \{2^7, 3^2, 4^9, 6, 12\})$	3072
12	$\mathcal{O}(0; \{2^3, 3^5, 4^9, 6, 12\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{11}, 6, 12\})$	12288
12	$\mathcal{O}(0; \{3^5, 4^{11}, 6, 12\})$	86016
12	$\mathcal{O}(0; \{2, 3^2, 4^{13}, 6, 12\})$	49152
12	$\mathcal{O}(0; \{2^{20}, 4, 6^2, 12\})$	4
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4, 6^2, 12\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4, 6^2, 12\})$	340
12	$\mathcal{O}(0; \{2^8, 3^9, 4, 6^2, 12\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4, 6^2, 12\})$	21844
12	$\mathcal{O}(0; \{3^{15}, 4, 6^2, 12\})$	174764
12	$\mathcal{O}(0; \{2^{17}, 4^3, 6^2, 12\})$	16
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^3, 6^2, 12\})$	176
12	$\mathcal{O}(0; \{2^9, 3^6, 4^3, 6^2, 12\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^9, 4^3, 6^2, 12\})$	10928
12	$\mathcal{O}(0; \{2, 3^{12}, 4^3, 6^2, 12\})$	87376
12	$\mathcal{O}(0; \{2^{14}, 4^5, 6^2, 12\})$	64
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^5, 6^2, 12\})$	704
12	$\mathcal{O}(0; \{2^6, 3^6, 4^5, 6^2, 12\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^9, 4^5, 6^2, 12\})$	43712
12	$\mathcal{O}(0; \{2^{11}, 4^7, 6^2, 12\})$	256
12	$\mathcal{O}(0; \{2^7, 3^3, 4^7, 6^2, 12\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^6, 4^7, 6^2, 12\})$	21760
12	$\mathcal{O}(0; \{2^8, 4^9, 6^2, 12\})$	1024
12	$\mathcal{O}(0; \{2^4, 3^3, 4^9, 6^2, 12\})$	11264
12	$\mathcal{O}(0; \{3^6, 4^9, 6^2, 12\})$	87040
12	$\mathcal{O}(0; \{2^5, 4^{11}, 6^2, 12\})$	4096
12	$\mathcal{O}(0; \{2, 3^3, 4^{11}, 6^2, 12\})$	45056

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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	$\mathcal{O}(0; \{2^2, 4^{13}, 6^2, 12\})$	16384
12	$\mathcal{O}(0; \{2^{17}, 3, 4, 6^3, 12\})$	20
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4, 6^3, 12\})$	172
12	$\mathcal{O}(0; \{2^9, 3^7, 4, 6^3, 12\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4, 6^3, 12\})$	10924
12	$\mathcal{O}(0; \{2, 3^{13}, 4, 6^3, 12\})$	87380
12	$\mathcal{O}(0; \{2^{14}, 3, 4^3, 6^3, 12\})$	80
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^3, 6^3, 12\})$	688
12	$\mathcal{O}(0; \{2^6, 3^7, 4^3, 6^3, 12\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^3, 6^3, 12\})$	43696
12	$\mathcal{O}(0; \{2^{11}, 3, 4^5, 6^3, 12\})$	320
12	$\mathcal{O}(0; \{2^7, 3^4, 4^5, 6^3, 12\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^7, 4^5, 6^3, 12\})$	21824
12	$\mathcal{O}(0; \{2^8, 3, 4^7, 6^3, 12\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^4, 4^7, 6^3, 12\})$	11008
12	$\mathcal{O}(0; \{3^7, 4^7, 6^3, 12\})$	87296
12	$\mathcal{O}(0; \{2^5, 3, 4^9, 6^3, 12\})$	5120
12	$\mathcal{O}(0; \{2, 3^4, 4^9, 6^3, 12\})$	44032
12	$\mathcal{O}(0; \{2^2, 3, 4^{11}, 6^3, 12\})$	20480
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4, 6^4, 12\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4, 6^4, 12\})$	684
12	$\mathcal{O}(0; \{2^6, 3^8, 4, 6^4, 12\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4, 6^4, 12\})$	43692
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^3, 6^4, 12\})$	336
12	$\mathcal{O}(0; \{2^7, 3^5, 4^3, 6^4, 12\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^8, 4^3, 6^4, 12\})$	21840
12	$\mathcal{O}(0; \{2^8, 3^2, 4^5, 6^4, 12\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^5, 4^5, 6^4, 12\})$	10944
12	$\mathcal{O}(0; \{3^8, 4^5, 6^4, 12\})$	87360
12	$\mathcal{O}(0; \{2^5, 3^2, 4^7, 6^4, 12\})$	5376
12	$\mathcal{O}(0; \{2, 3^5, 4^7, 6^4, 12\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^2, 4^9, 6^4, 12\})$	21504
12	$\mathcal{O}(0; \{2^{15}, 4, 6^5, 12\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4, 6^5, 12\})$	340
12	$\mathcal{O}(0; \{2^7, 3^6, 4, 6^5, 12\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^9, 4, 6^5, 12\})$	21844
12	$\mathcal{O}(0; \{2^{12}, 4^3, 6^5, 12\})$	176
12	$\mathcal{O}(0; \{2^8, 3^3, 4^3, 6^5, 12\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^6, 4^3, 6^5, 12\})$	10928
12	$\mathcal{O}(0; \{3^9, 4^3, 6^5, 12\})$	87376
12	$\mathcal{O}(0; \{2^9, 4^5, 6^5, 12\})$	704
12	$\mathcal{O}(0; \{2^5, 3^3, 4^5, 6^5, 12\})$	5440
12	$\mathcal{O}(0; \{2, 3^6, 4^5, 6^5, 12\})$	43712

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	$\mathcal{O}(0; \{2^6, 4^7, 6^5, 12\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^3, 4^7, 6^5, 12\})$	21760
12	$\mathcal{O}(0; \{2^3, 4^9, 6^5, 12\})$	11264
12	$\mathcal{O}(0; \{4^{11}, 6^5, 12\})$	45056
12	$\mathcal{O}(0; \{2^{12}, 3, 4, 6^6, 12\})$	172
12	$\mathcal{O}(0; \{2^8, 3^4, 4, 6^6, 12\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^7, 4, 6^6, 12\})$	10924
12	$\mathcal{O}(0; \{3^{10}, 4, 6^6, 12\})$	87380
12	$\mathcal{O}(0; \{2^9, 3, 4^3, 6^6, 12\})$	688
12	$\mathcal{O}(0; \{2^5, 3^4, 4^3, 6^6, 12\})$	5456
12	$\mathcal{O}(0; \{2, 3^7, 4^3, 6^6, 12\})$	43696
12	$\mathcal{O}(0; \{2^6, 3, 4^5, 6^6, 12\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^4, 4^5, 6^6, 12\})$	21824
12	$\mathcal{O}(0; \{2^3, 3, 4^7, 6^6, 12\})$	11008
12	$\mathcal{O}(0; \{3, 4^9, 6^6, 12\})$	44032
12	$\mathcal{O}(0; \{2^9, 3^2, 4, 6^7, 12\})$	684
12	$\mathcal{O}(0; \{2^5, 3^5, 4, 6^7, 12\})$	5460
12	$\mathcal{O}(0; \{2, 3^8, 4, 6^7, 12\})$	43692
12	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 6^7, 12\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 6^7, 12\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 6^7, 12\})$	10944
12	$\mathcal{O}(0; \{3^2, 4^7, 6^7, 12\})$	43776
12	$\mathcal{O}(0; \{2^{10}, 4, 6^8, 12\})$	340
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 6^8, 12\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 6^8, 12\})$	21844
12	$\mathcal{O}(0; \{2^7, 4^3, 6^8, 12\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6^8, 12\})$	10928
12	$\mathcal{O}(0; \{2^4, 4^5, 6^8, 12\})$	5440
12	$\mathcal{O}(0; \{3^3, 4^5, 6^8, 12\})$	43712
12	$\mathcal{O}(0; \{2, 4^7, 6^8, 12\})$	21760
12	$\mathcal{O}(0; \{2^7, 3, 4, 6^9, 12\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^9, 12\})$	10924
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^9, 12\})$	5456
12	$\mathcal{O}(0; \{3^4, 4^3, 6^9, 12\})$	43696
12	$\mathcal{O}(0; \{2, 3, 4^5, 6^9, 12\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^{10}, 12\})$	5460
12	$\mathcal{O}(0; \{3^5, 4, 6^{10}, 12\})$	43692
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^{10}, 12\})$	21840
12	$\mathcal{O}(0; \{2^5, 4, 6^{11}, 12\})$	2732
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^{11}, 12\})$	21844
12	$\mathcal{O}(0; \{2^2, 4^3, 6^{11}, 12\})$	10928
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^{12}, 12\})$	10924
12	$\mathcal{O}(0; \{4, 6^{14}, 12\})$	21844

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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	$\mathcal{O}(0; \{2^{23}, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{19}, 3^3, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{15}, 3^6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^9, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^{12}, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{15}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{20}, 4^2, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4^2, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4^2, 12^2\})$	688
12	$\mathcal{O}(0; \{2^8, 3^9, 4^2, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4^2, 12^2\})$	43696
12	$\mathcal{O}(0; \{3^{15}, 4^2, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{17}, 4^4, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^4, 12^2\})$	320
12	$\mathcal{O}(0; \{2^9, 3^6, 4^4, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^9, 4^4, 12^2\})$	21824
12	$\mathcal{O}(0; \{2, 3^{12}, 4^4, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^{14}, 4^6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^6, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^6, 4^6, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^9, 4^6, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^{11}, 4^8, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^7, 3^3, 4^8, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^6, 4^8, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^8, 4^{10}, 12^2\})$	4096
12	$\mathcal{O}(0; \{2^4, 3^3, 4^{10}, 12^2\})$	20480
12	$\mathcal{O}(0; \{3^6, 4^{10}, 12^2\})$	176128
12	$\mathcal{O}(0; \{2^5, 4^{12}, 12^2\})$	16384
12	$\mathcal{O}(0; \{2, 3^3, 4^{12}, 12^2\})$	81920
12	$\mathcal{O}(0; \{2^2, 4^{14}, 12^2\})$	65536
12	$\mathcal{O}(0; \{2^{20}, 3, 6, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{16}, 3^4, 6, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^7, 6, 12^2\})$	684
12	$\mathcal{O}(0; \{2^8, 3^{10}, 6, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{13}, 6, 12^2\})$	43692
12	$\mathcal{O}(0; \{3^{16}, 6, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{17}, 3, 4^2, 6, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4^2, 6, 12^2\})$	336
12	$\mathcal{O}(0; \{2^9, 3^7, 4^2, 6, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4^2, 6, 12^2\})$	21840
12	$\mathcal{O}(0; \{2, 3^{13}, 4^2, 6, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{14}, 3, 4^4, 6, 12^2\})$	192
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^4, 6, 12^2\})$	1344

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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	$\mathcal{O}(0; \{2^6, 3^7, 4^4, 6, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^4, 6, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^{11}, 3, 4^6, 6, 12^2\})$	768
12	$\mathcal{O}(0; \{2^7, 3^4, 4^6, 6, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^7, 4^6, 6, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^8, 3, 4^8, 6, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^4, 3^4, 4^8, 6, 12^2\})$	21504
12	$\mathcal{O}(0; \{3^7, 4^8, 6, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^5, 3, 4^{10}, 6, 12^2\})$	12288
12	$\mathcal{O}(0; \{2, 3^4, 4^{10}, 6, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^2, 3, 4^{12}, 6, 12^2\})$	49152
12	$\mathcal{O}(0; \{2^{17}, 3^2, 6^2, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^5, 6^2, 12^2\})$	340
12	$\mathcal{O}(0; \{2^9, 3^8, 6^2, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^{11}, 6^2, 12^2\})$	21844
12	$\mathcal{O}(0; \{2, 3^{14}, 6^2, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^2, 6^2, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^2, 6^2, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^8, 4^2, 6^2, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^2, 6^2, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^4, 6^2, 12^2\})$	704
12	$\mathcal{O}(0; \{2^7, 3^5, 4^4, 6^2, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^8, 4^4, 6^2, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^8, 3^2, 4^6, 6^2, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^5, 4^6, 6^2, 12^2\})$	21760
12	$\mathcal{O}(0; \{3^8, 4^6, 6^2, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^5, 3^2, 4^8, 6^2, 12^2\})$	11264
12	$\mathcal{O}(0; \{2, 3^5, 4^8, 6^2, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{10}, 6^2, 12^2\})$	45056
12	$\mathcal{O}(0; \{2^{18}, 6^3, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{14}, 3^3, 6^3, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^6, 6^3, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^9, 6^3, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{12}, 6^3, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{15}, 4^2, 6^3, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^2, 6^3, 12^2\})$	688
12	$\mathcal{O}(0; \{2^7, 3^6, 4^2, 6^3, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^9, 4^2, 6^3, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^{12}, 4^4, 6^3, 12^2\})$	320
12	$\mathcal{O}(0; \{2^8, 3^3, 4^4, 6^3, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^6, 4^4, 6^3, 12^2\})$	21824
12	$\mathcal{O}(0; \{3^9, 4^4, 6^3, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^9, 4^6, 6^3, 12^2\})$	1280

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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	$\mathcal{O}(0; \{2^5, 3^3, 4^6, 6^3, 12^2\})$	11008
12	$\mathcal{O}(0; \{2, 3^6, 4^6, 6^3, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^6, 4^8, 6^3, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^3, 4^8, 6^3, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^3, 4^{10}, 6^3, 12^2\})$	20480
12	$\mathcal{O}(0; \{4^{12}, 6^3, 12^2\})$	81920
12	$\mathcal{O}(0; \{2^{15}, 3, 6^4, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^4, 6^4, 12^2\})$	684
12	$\mathcal{O}(0; \{2^7, 3^7, 6^4, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{10}, 6^4, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{12}, 3, 4^2, 6^4, 12^2\})$	336
12	$\mathcal{O}(0; \{2^8, 3^4, 4^2, 6^4, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^7, 4^2, 6^4, 12^2\})$	21840
12	$\mathcal{O}(0; \{3^{10}, 4^2, 6^4, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^9, 3, 4^4, 6^4, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^4, 4^4, 6^4, 12^2\})$	10944
12	$\mathcal{O}(0; \{2, 3^7, 4^4, 6^4, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^6, 3, 4^6, 6^4, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^4, 4^6, 6^4, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^3, 3, 4^8, 6^4, 12^2\})$	21504
12	$\mathcal{O}(0; \{3, 4^{10}, 6^4, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^{12}, 3^2, 6^5, 12^2\})$	340
12	$\mathcal{O}(0; \{2^8, 3^5, 6^5, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^8, 6^5, 12^2\})$	21844
12	$\mathcal{O}(0; \{3^{11}, 6^5, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^9, 3^2, 4^2, 6^5, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^5, 4^2, 6^5, 12^2\})$	10928
12	$\mathcal{O}(0; \{2, 3^8, 4^2, 6^5, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^6, 3^2, 4^4, 6^5, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^5, 4^4, 6^5, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^2, 4^6, 6^5, 12^2\})$	21760
12	$\mathcal{O}(0; \{3^2, 4^8, 6^5, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^{13}, 6^6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^9, 3^3, 6^6, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^6, 6^6, 12^2\})$	10924
12	$\mathcal{O}(0; \{2, 3^9, 6^6, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{10}, 4^2, 6^6, 12^2\})$	688
12	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 6^6, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 6^6, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^7, 4^4, 6^6, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 6^6, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^4, 4^6, 6^6, 12^2\})$	11008
12	$\mathcal{O}(0; \{3^3, 4^6, 6^6, 12^2\})$	87296

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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	$\mathcal{O}(0; \{2, 4^8, 6^6, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^{10}, 3, 6^7, 12^2\})$	684
12	$\mathcal{O}(0; \{2^6, 3^4, 6^7, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^7, 6^7, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 6^7, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6^7, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 6^7, 12^2\})$	10944
12	$\mathcal{O}(0; \{3^4, 4^4, 6^7, 12^2\})$	87360
12	$\mathcal{O}(0; \{2, 3, 4^6, 6^7, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^7, 3^2, 6^8, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^5, 6^8, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^8, 12^2\})$	10928
12	$\mathcal{O}(0; \{3^5, 4^2, 6^8, 12^2\})$	87376
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^8, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^8, 6^9, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^3, 6^9, 12^2\})$	10924
12	$\mathcal{O}(0; \{3^6, 6^9, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^5, 4^2, 6^9, 12^2\})$	5456
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^9, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^2, 4^4, 6^9, 12^2\})$	21824
12	$\mathcal{O}(0; \{2^5, 3, 6^{10}, 12^2\})$	5460
12	$\mathcal{O}(0; \{2, 3^4, 6^{10}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^{10}, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^2, 6^{11}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^3, 6^{12}, 12^2\})$	10924
12	$\mathcal{O}(0; \{4^2, 6^{12}, 12^2\})$	43696
12	$\mathcal{O}(0; \{3, 6^{13}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{17}, 3^2, 4, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{13}, 3^5, 4, 12^3\})$	688
12	$\mathcal{O}(0; \{2^9, 3^8, 4, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^{11}, 4, 12^3\})$	43696
12	$\mathcal{O}(0; \{2, 3^{14}, 4, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^3, 12^3\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4^3, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^8, 4^3, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^3, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^5, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^5, 4^5, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^8, 4^5, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^8, 3^2, 4^7, 12^3\})$	5120
12	$\mathcal{O}(0; \{2^4, 3^5, 4^7, 12^3\})$	44032
12	$\mathcal{O}(0; \{3^8, 4^7, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^5, 3^2, 4^9, 12^3\})$	20480

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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	$\mathcal{O}(0; \{2, 3^5, 4^9, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{11}, 12^3\})$	81920
12	$\mathcal{O}(0; \{2^{18}, 4, 6, 12^3\})$	48
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4, 6, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4, 6, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^9, 4, 6, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4, 6, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{15}, 4^3, 6, 12^3\})$	192
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^3, 6, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^6, 4^3, 6, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^9, 4^3, 6, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^{12}, 4^5, 6, 12^3\})$	768
12	$\mathcal{O}(0; \{2^8, 3^3, 4^5, 6, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^6, 4^5, 6, 12^3\})$	43776
12	$\mathcal{O}(0; \{3^9, 4^5, 6, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^9, 4^7, 6, 12^3\})$	3072
12	$\mathcal{O}(0; \{2^5, 3^3, 4^7, 6, 12^3\})$	21504
12	$\mathcal{O}(0; \{2, 3^6, 4^7, 6, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^6, 4^9, 6, 12^3\})$	12288
12	$\mathcal{O}(0; \{2^2, 3^3, 4^9, 6, 12^3\})$	86016
12	$\mathcal{O}(0; \{2^3, 4^{11}, 6, 12^3\})$	49152
12	$\mathcal{O}(0; \{4^{13}, 6, 12^3\})$	196608
12	$\mathcal{O}(0; \{2^{15}, 3, 4, 6^2, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4, 6^2, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^7, 4, 6^2, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4, 6^2, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^{12}, 3, 4^3, 6^2, 12^3\})$	704
12	$\mathcal{O}(0; \{2^8, 3^4, 4^3, 6^2, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^7, 4^3, 6^2, 12^3\})$	43712
12	$\mathcal{O}(0; \{3^{10}, 4^3, 6^2, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^9, 3, 4^5, 6^2, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^4, 4^5, 6^2, 12^3\})$	21760
12	$\mathcal{O}(0; \{2, 3^7, 4^5, 6^2, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^6, 3, 4^7, 6^2, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^4, 4^7, 6^2, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^3, 3, 4^9, 6^2, 12^3\})$	45056
12	$\mathcal{O}(0; \{3, 4^{11}, 6^2, 12^3\})$	180224
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4, 6^3, 12^3\})$	688
12	$\mathcal{O}(0; \{2^8, 3^5, 4, 6^3, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^8, 4, 6^3, 12^3\})$	43696
12	$\mathcal{O}(0; \{3^{11}, 4, 6^3, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^9, 3^2, 4^3, 6^3, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^5, 4^3, 6^3, 12^3\})$	21824

Continued on next page

Table 9 – continued from previous page

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

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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	$\mathcal{O}(0; \{2^{18}, 3, 12^4\})$	80
12	$\mathcal{O}(0; \{2^{14}, 3^4, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^7, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^{10}, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{13}, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{15}, 3, 4^2, 12^4\})$	320
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^2, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^7, 4^2, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^2, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^{12}, 3, 4^4, 12^4\})$	1280
12	$\mathcal{O}(0; \{2^8, 3^4, 4^4, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^7, 4^4, 12^4\})$	87296
12	$\mathcal{O}(0; \{3^{10}, 4^4, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^9, 3, 4^6, 12^4\})$	5120
12	$\mathcal{O}(0; \{2^5, 3^4, 4^6, 12^4\})$	44032
12	$\mathcal{O}(0; \{2, 3^7, 4^6, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^6, 3, 4^8, 12^4\})$	20480
12	$\mathcal{O}(0; \{2^2, 3^4, 4^8, 12^4\})$	176128
12	$\mathcal{O}(0; \{2^3, 3, 4^{10}, 12^4\})$	81920
12	$\mathcal{O}(0; \{3, 4^{12}, 12^4\})$	327680
12	$\mathcal{O}(0; \{2^{15}, 3^2, 6, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^5, 6, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^8, 6, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{11}, 6, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^2, 6, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^5, 4^2, 6, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^8, 4^2, 6, 12^4\})$	87360
12	$\mathcal{O}(0; \{3^{11}, 4^2, 6, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^9, 3^2, 4^4, 6, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^5, 4^4, 6, 12^4\})$	43776
12	$\mathcal{O}(0; \{2, 3^8, 4^4, 6, 12^4\})$	349440
12	$\mathcal{O}(0; \{2^6, 3^2, 4^6, 6, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^5, 4^6, 6, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^2, 4^8, 6, 12^4\})$	86016
12	$\mathcal{O}(0; \{3^2, 4^{10}, 6, 12^4\})$	344064
12	$\mathcal{O}(0; \{2^{16}, 6^2, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^3, 6^2, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^6, 6^2, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^9, 6^2, 12^4\})$	87376
12	$\mathcal{O}(0; \{3^{12}, 6^2, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{13}, 4^2, 6^2, 12^4\})$	704
12	$\mathcal{O}(0; \{2^9, 3^3, 4^2, 6^2, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^6, 4^2, 6^2, 12^4\})$	43712

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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	$\mathcal{O}(0; \{2, 3^9, 4^2, 6^2, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^{10}, 4^4, 6^2, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^3, 4^4, 6^2, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^6, 4^4, 6^2, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^7, 4^6, 6^2, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^3, 4^6, 6^2, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^4, 4^8, 6^2, 12^4\})$	45056
12	$\mathcal{O}(0; \{3^3, 4^8, 6^2, 12^4\})$	348160
12	$\mathcal{O}(0; \{2, 4^{10}, 6^2, 12^4\})$	180224
12	$\mathcal{O}(0; \{2^{13}, 3, 6^3, 12^4\})$	688
12	$\mathcal{O}(0; \{2^9, 3^4, 6^3, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^7, 6^3, 12^4\})$	43696
12	$\mathcal{O}(0; \{2, 3^{10}, 6^3, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{10}, 3, 4^2, 6^3, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^4, 4^2, 6^3, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^7, 4^2, 6^3, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^7, 3, 4^4, 6^3, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^4, 4^4, 6^3, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^4, 3, 4^6, 6^3, 12^4\})$	44032
12	$\mathcal{O}(0; \{3^4, 4^6, 6^3, 12^4\})$	349184
12	$\mathcal{O}(0; \{2, 3, 4^8, 6^3, 12^4\})$	176128
12	$\mathcal{O}(0; \{2^{10}, 3^2, 6^4, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^5, 6^4, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^8, 6^4, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 6^4, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 6^4, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 6^4, 12^4\})$	43776
12	$\mathcal{O}(0; \{3^5, 4^4, 6^4, 12^4\})$	349440
12	$\mathcal{O}(0; \{2, 3^2, 4^6, 6^4, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^{11}, 6^5, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^3, 6^5, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^6, 6^5, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^8, 4^2, 6^5, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6^5, 12^4\})$	43712
12	$\mathcal{O}(0; \{3^6, 4^2, 6^5, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^5, 4^4, 6^5, 12^4\})$	21760
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 6^5, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^2, 4^6, 6^5, 12^4\})$	87040
12	$\mathcal{O}(0; \{2^8, 3, 6^6, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^4, 6^6, 12^4\})$	43696
12	$\mathcal{O}(0; \{3^7, 6^6, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^6, 12^4\})$	21824
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^6, 12^4\})$	174784

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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	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^6, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^5, 3^2, 6^7, 12^4\})$	21840
12	$\mathcal{O}(0; \{2, 3^5, 6^7, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^7, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^6, 6^8, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^3, 6^8, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^3, 4^2, 6^8, 12^4\})$	43712
12	$\mathcal{O}(0; \{4^4, 6^8, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^3, 3, 6^9, 12^4\})$	43696
12	$\mathcal{O}(0; \{3, 4^2, 6^9, 12^4\})$	174784
12	$\mathcal{O}(0; \{3^2, 6^{10}, 12^4\})$	174768
12	$\mathcal{O}(0; \{2, 6^{11}, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^{16}, 4, 12^5\})$	320
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^6, 4, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^9, 4, 12^5\})$	174784
12	$\mathcal{O}(0; \{3^{12}, 4, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^{13}, 4^3, 12^5\})$	1280
12	$\mathcal{O}(0; \{2^9, 3^3, 4^3, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^6, 4^3, 12^5\})$	87296
12	$\mathcal{O}(0; \{2, 3^9, 4^3, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^{10}, 4^5, 12^5\})$	5120
12	$\mathcal{O}(0; \{2^6, 3^3, 4^5, 12^5\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^6, 4^5, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^7, 4^7, 12^5\})$	20480
12	$\mathcal{O}(0; \{2^3, 3^3, 4^7, 12^5\})$	176128
12	$\mathcal{O}(0; \{2^4, 4^9, 12^5\})$	81920
12	$\mathcal{O}(0; \{3^3, 4^9, 12^5\})$	704512
12	$\mathcal{O}(0; \{2, 4^{11}, 12^5\})$	327680
12	$\mathcal{O}(0; \{2^{13}, 3, 4, 6, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^4, 4, 6, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^7, 4, 6, 12^5\})$	87360
12	$\mathcal{O}(0; \{2, 3^{10}, 4, 6, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^{10}, 3, 4^3, 6, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^4, 4^3, 6, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^7, 4^3, 6, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^7, 3, 4^5, 6, 12^5\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^4, 4^5, 6, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^4, 3, 4^7, 6, 12^5\})$	86016
12	$\mathcal{O}(0; \{3^4, 4^7, 6, 12^5\})$	700416
12	$\mathcal{O}(0; \{2, 3, 4^9, 6, 12^5\})$	344064
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4, 6^2, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^5, 4, 6^2, 12^5\})$	43712

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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	$\mathcal{O}(0; \{2^2, 3^8, 4, 6^2, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^7, 3^2, 4^3, 6^2, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^5, 4^3, 6^2, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^4, 3^2, 4^5, 6^2, 12^5\})$	87040
12	$\mathcal{O}(0; \{3^5, 4^5, 6^2, 12^5\})$	699392
12	$\mathcal{O}(0; \{2, 3^2, 4^7, 6^2, 12^5\})$	348160
12	$\mathcal{O}(0; \{2^{11}, 4, 6^3, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 6^3, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 6^3, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^8, 4^3, 6^3, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 6^3, 12^5\})$	87296
12	$\mathcal{O}(0; \{3^6, 4^3, 6^3, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^5, 4^5, 6^3, 12^5\})$	44032
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 6^3, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^2, 4^7, 6^3, 12^5\})$	176128
12	$\mathcal{O}(0; \{2^8, 3, 4, 6^4, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6^4, 12^5\})$	87360
12	$\mathcal{O}(0; \{3^7, 4, 6^4, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 6^4, 12^5\})$	43776
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6^4, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6^4, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^5, 12^5\})$	43712
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^5, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^5, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^6, 4, 6^6, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^6, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^3, 4^3, 6^6, 12^5\})$	87296
12	$\mathcal{O}(0; \{4^5, 6^6, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^7, 12^5\})$	87360
12	$\mathcal{O}(0; \{3, 4^3, 6^7, 12^5\})$	349440
12	$\mathcal{O}(0; \{3^2, 4, 6^8, 12^5\})$	349504
12	$\mathcal{O}(0; \{2, 4, 6^9, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^{13}, 3^2, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^9, 3^5, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^8, 12^6\})$	174784
12	$\mathcal{O}(0; \{2, 3^{11}, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^2, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^5, 4^2, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^8, 4^2, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^7, 3^2, 4^4, 12^6\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^5, 4^4, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^4, 3^2, 4^6, 12^6\})$	176128
12	$\mathcal{O}(0; \{3^5, 4^6, 12^6\})$	1396736

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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	$\mathcal{O}(0; \{2, 3^2, 4^8, 12^6\})$	704512
12	$\mathcal{O}(0; \{2^{14}, 6, 12^6\})$	1344
12	$\mathcal{O}(0; \{2^{10}, 3^3, 6, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^6, 6, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^9, 6, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^{11}, 4^2, 6, 12^6\})$	5376
12	$\mathcal{O}(0; \{2^7, 3^3, 4^2, 6, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^6, 4^2, 6, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^8, 4^4, 6, 12^6\})$	21504
12	$\mathcal{O}(0; \{2^4, 3^3, 4^4, 6, 12^6\})$	175104
12	$\mathcal{O}(0; \{3^6, 4^4, 6, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2^5, 4^6, 6, 12^6\})$	86016
12	$\mathcal{O}(0; \{2, 3^3, 4^6, 6, 12^6\})$	700416
12	$\mathcal{O}(0; \{2^2, 4^8, 6, 12^6\})$	344064
12	$\mathcal{O}(0; \{2^{11}, 3, 6^2, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^4, 6^2, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^7, 6^2, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 6^2, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 6^2, 12^6\})$	174848
12	$\mathcal{O}(0; \{3^7, 4^2, 6^2, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 6^2, 12^6\})$	87040
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 6^2, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 6^2, 12^6\})$	348160
12	$\mathcal{O}(0; \{2^8, 3^2, 6^3, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^5, 6^3, 12^6\})$	174784
12	$\mathcal{O}(0; \{3^8, 6^3, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6^3, 12^6\})$	87296
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6^3, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6^3, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^9, 6^4, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^3, 6^4, 12^6\})$	87360
12	$\mathcal{O}(0; \{2, 3^6, 6^4, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^6, 4^2, 6^4, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^4, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^3, 4^4, 6^4, 12^6\})$	175104
12	$\mathcal{O}(0; \{4^6, 6^4, 12^6\})$	700416
12	$\mathcal{O}(0; \{2^6, 3, 6^5, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^4, 6^5, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^5, 12^6\})$	174848
12	$\mathcal{O}(0; \{3, 4^4, 6^5, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^3, 3^2, 6^6, 12^6\})$	174784
12	$\mathcal{O}(0; \{3^2, 4^2, 6^6, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^4, 6^7, 12^6\})$	87360

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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	$\mathcal{O}(0; \{3^3, 6^7, 12^6\})$	699072
12	$\mathcal{O}(0; \{2, 4^2, 6^7, 12^6\})$	349440
12	$\mathcal{O}(0; \{2, 3, 6^8, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^{11}, 3, 4, 12^7\})$	11008
12	$\mathcal{O}(0; \{2^7, 3^4, 4, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^7, 4, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^8, 3, 4^3, 12^7\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^4, 4^3, 12^7\})$	349184
12	$\mathcal{O}(0; \{3^7, 4^3, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^5, 3, 4^5, 12^7\})$	176128
12	$\mathcal{O}(0; \{2, 3^4, 4^5, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2^2, 3, 4^7, 12^7\})$	704512
12	$\mathcal{O}(0; \{2^8, 3^2, 4, 6, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^5, 4, 6, 12^7\})$	349440
12	$\mathcal{O}(0; \{3^8, 4, 6, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^5, 3^2, 4^3, 6, 12^7\})$	175104
12	$\mathcal{O}(0; \{2, 3^5, 4^3, 6, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3^2, 4^5, 6, 12^7\})$	700416
12	$\mathcal{O}(0; \{2^9, 4, 6^2, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 6^2, 12^7\})$	174848
12	$\mathcal{O}(0; \{2, 3^6, 4, 6^2, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^6, 4^3, 6^2, 12^7\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 6^2, 12^7\})$	699392
12	$\mathcal{O}(0; \{2^3, 4^5, 6^2, 12^7\})$	348160
12	$\mathcal{O}(0; \{4^7, 6^2, 12^7\})$	1392640
12	$\mathcal{O}(0; \{2^6, 3, 4, 6^3, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6^3, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6^3, 12^7\})$	349184
12	$\mathcal{O}(0; \{3, 4^5, 6^3, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^4, 12^7\})$	349440
12	$\mathcal{O}(0; \{3^2, 4^3, 6^4, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^4, 4, 6^5, 12^7\})$	174848
12	$\mathcal{O}(0; \{3^3, 4, 6^5, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2, 4^3, 6^5, 12^7\})$	699392
12	$\mathcal{O}(0; \{2, 3, 4, 6^6, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^{12}, 12^8\})$	11008
12	$\mathcal{O}(0; \{2^8, 3^3, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^6, 12^8\})$	699136
12	$\mathcal{O}(0; \{3^9, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^9, 4^2, 12^8\})$	44032
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 12^8\})$	349184
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^6, 4^4, 12^8\})$	176128

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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	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 12^8\})$	1396736
12	$\mathcal{O}(0; \{2^3, 4^6, 12^8\})$	704512
12	$\mathcal{O}(0; \{4^8, 12^8\})$	2818048
12	$\mathcal{O}(0; \{2^9, 3, 6, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^4, 6, 12^8\})$	349440
12	$\mathcal{O}(0; \{2, 3^7, 6, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6, 12^8\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6, 12^8\})$	700416
12	$\mathcal{O}(0; \{3, 4^6, 6, 12^8\})$	2801664
12	$\mathcal{O}(0; \{2^6, 3^2, 6^2, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^5, 6^2, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^2, 12^8\})$	699392
12	$\mathcal{O}(0; \{3^2, 4^4, 6^2, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2^7, 6^3, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^3, 6^3, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^4, 4^2, 6^3, 12^8\})$	349184
12	$\mathcal{O}(0; \{3^3, 4^2, 6^3, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2, 4^4, 6^3, 12^8\})$	1396736
12	$\mathcal{O}(0; \{2^4, 3, 6^4, 12^8\})$	349440
12	$\mathcal{O}(0; \{3^4, 6^4, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^4, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2, 3^2, 6^5, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^2, 6^6, 12^8\})$	699136
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 12^9\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 12^9\})$	1396736
12	$\mathcal{O}(0; \{3^2, 4^5, 12^9\})$	5586944
12	$\mathcal{O}(0; \{2^7, 4, 6, 12^9\})$	175104
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^4, 4^3, 6, 12^9\})$	700416
12	$\mathcal{O}(0; \{3^3, 4^3, 6, 12^9\})$	5591040
12	$\mathcal{O}(0; \{2, 4^5, 6, 12^9\})$	2801664
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^2, 12^9\})$	699392
12	$\mathcal{O}(0; \{3^4, 4, 6^2, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^2, 12^9\})$	2797568
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^3, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2^2, 4, 6^4, 12^9\})$	1397760
12	$\mathcal{O}(0; \{2^7, 3, 12^{10}\})$	349184
12	$\mathcal{O}(0; \{2^3, 3^4, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 12^{10}\})$	1396736
12	$\mathcal{O}(0; \{3^4, 4^2, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{2, 3, 4^4, 12^{10}\})$	5586944

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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	$\mathcal{O}(0; \{2^4, 3^2, 6, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{3^5, 6, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{2^5, 6^2, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{2, 3^3, 6^2, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2^2, 4^2, 6^2, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{2^2, 3, 6^3, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{6^5, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2^5, 4, 12^{11}\})$	1396736
12	$\mathcal{O}(0; \{2, 3^3, 4, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{2^2, 4^3, 12^{11}\})$	5586944
12	$\mathcal{O}(0; \{2^2, 3, 4, 6, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{4, 6^3, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{2^2, 3^2, 12^{12}\})$	11186176
12	$\mathcal{O}(0; \{2^3, 6, 12^{12}\})$	5591040
12	$\mathcal{O}(0; \{4^2, 6, 12^{12}\})$	22364160
12	$\mathcal{O}(0; \{3, 6^2, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{3, 4, 12^{13}\})$	44744704
12	$\mathcal{O}(0; \{2, 12^{14}\})$	44744704
13	$\mathcal{O}(3; \{13^7\})$	13304095032228
14	$\mathcal{O}(5; \{7^2\})$	1733833078362
14	$\mathcal{O}(4; \{2^4, 7^2\})$	8854734336
14	$\mathcal{O}(4; \{2^2, 7, 14^2\})$	44273671680
14	$\mathcal{O}(4; \{14^4\})$	274496764416
14	$\mathcal{O}(3; \{2^8, 7^2\})$	45177216
14	$\mathcal{O}(3; \{2, 7^5, 14\})$	50191886976
14	$\mathcal{O}(3; \{2^6, 7, 14^2\})$	225886080
14	$\mathcal{O}(3; \{2^4, 14^4\})$	1400493696
14	$\mathcal{O}(2; \{2^{12}, 7^2\})$	230496
14	$\mathcal{O}(2; \{7^9\})$	51849715050
14	$\mathcal{O}(2; \{2^5, 7^5, 14\})$	256081056
14	$\mathcal{O}(2; \{2^{10}, 7, 14^2\})$	1152480
14	$\mathcal{O}(2; \{2^3, 7^4, 14^3\})$	1536255840
14	$\mathcal{O}(2; \{2^8, 14^4\})$	7145376
14	$\mathcal{O}(2; \{2, 7^3, 14^5\})$	9217765536
14	$\mathcal{O}(1; \{2^{16}, 7^2\})$	1176
14	$\mathcal{O}(1; \{2^4, 7^9\})$	282175320
14	$\mathcal{O}(1; \{2^9, 7^5, 14\})$	1306536
14	$\mathcal{O}(1; \{2^{14}, 7, 14^2\})$	5880
14	$\mathcal{O}(1; \{2^2, 7^8, 14^2\})$	1693053096
14	$\mathcal{O}(1; \{2^7, 7^4, 14^3\})$	7838040
14	$\mathcal{O}(1; \{2^{12}, 14^4\})$	36456
14	$\mathcal{O}(1; \{7^7, 14^4\})$	10158317400

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(1; \{2^5, 7^3, 14^5\})$	47029416
14	$\mathcal{O}(1; \{2^3, 7^2, 14^7\})$	282175320
14	$\mathcal{O}(1; \{2, 7, 14^9\})$	1693053096
14	$\mathcal{O}(0; \{2^{20}, 7^2\})$	6
14	$\mathcal{O}(0; \{2^8, 7^9\})$	1439670
14	$\mathcal{O}(0; \{2^{13}, 7^5, 14\})$	6666
14	$\mathcal{O}(0; \{2, 7^{12}, 14\})$	1865813430
14	$\mathcal{O}(0; \{2^{18}, 7, 14^2\})$	30
14	$\mathcal{O}(0; \{2^6, 7^8, 14^2\})$	8638026
14	$\mathcal{O}(0; \{2^{11}, 7^4, 14^3\})$	39990
14	$\mathcal{O}(0; \{2^{16}, 14^4\})$	186
14	$\mathcal{O}(0; \{2^4, 7^7, 14^4\})$	51828150
14	$\mathcal{O}(0; \{2^9, 7^3, 14^5\})$	239946
14	$\mathcal{O}(0; \{2^2, 7^6, 14^6\})$	310968906
14	$\mathcal{O}(0; \{2^7, 7^2, 14^7\})$	1439670
14	$\mathcal{O}(0; \{7^5, 14^8\})$	1865813430
14	$\mathcal{O}(0; \{2^5, 7, 14^9\})$	8638026
14	$\mathcal{O}(0; \{2^3, 14^{11}\})$	51828150
15	$\mathcal{O}(4; \{3^2, 5, 15\})$	20503125000
15	$\mathcal{O}(3; \{3^4, 5^3\})$	820125000
15	$\mathcal{O}(3; \{3^5, 5, 15\})$	1002375000
15	$\mathcal{O}(3; \{5^4, 15^2\})$	18680625000
15	$\mathcal{O}(3; \{3, 5^2, 15^3\})$	13942125000
15	$\mathcal{O}(3; \{3^2, 15^4\})$	13030875000
15	$\mathcal{O}(2; \{3^7, 5^3\})$	25515000
15	$\mathcal{O}(2; \{3^8, 5, 15\})$	34425000
15	$\mathcal{O}(2; \{3^2, 5^6, 15\})$	331695000
15	$\mathcal{O}(2; \{3^3, 5^4, 15^2\})$	415125000
15	$\mathcal{O}(2; \{3^4, 5^2, 15^3\})$	433755000
15	$\mathcal{O}(2; \{3^5, 15^4\})$	447525000
15	$\mathcal{O}(2; \{5^3, 15^5\})$	6635925000
15	$\mathcal{O}(2; \{3, 5, 15^6\})$	6965595000
15	$\mathcal{O}(1; \{3^{10}, 5^3\})$	923400
15	$\mathcal{O}(1; \{3^4, 5^8\})$	17695800
15	$\mathcal{O}(1; \{3^{11}, 5, 15\})$	1229400
15	$\mathcal{O}(1; \{3^5, 5^6, 15\})$	16216200
15	$\mathcal{O}(1; \{3^6, 5^4, 15^2\})$	15867000
15	$\mathcal{O}(1; \{5^9, 15^2\})$	377487000
15	$\mathcal{O}(1; \{3^7, 5^2, 15^3\})$	15697800
15	$\mathcal{O}(1; \{3, 5^7, 15^3\})$	283116600
15	$\mathcal{O}(1; \{3^8, 15^4\})$	15982200
15	$\mathcal{O}(1; \{3^2, 5^5, 15^4\})$	259518600
15	$\mathcal{O}(1; \{3^3, 5^3, 15^5\})$	253639800

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(1; \{3^4, 5, 15^6\})$	252088200
15	$\mathcal{O}(1; \{5^2, 15^8\})$	4058004600
15	$\mathcal{O}(1; \{3, 15^9\})$	4034334600
15	$\mathcal{O}(0; \{3^{13}, 5^3\})$	32760
15	$\mathcal{O}(0; \{3^7, 5^8\})$	550536
15	$\mathcal{O}(0; \{3^{14}, 5, 15\})$	43688
15	$\mathcal{O}(0; \{3^8, 5^6, 15\})$	556920
15	$\mathcal{O}(0; \{3^2, 5^{11}, 15\})$	6710888
15	$\mathcal{O}(0; \{3^9, 5^4, 15^2\})$	559240
15	$\mathcal{O}(0; \{3^3, 5^9, 15^2\})$	8388600
15	$\mathcal{O}(0; \{3^{10}, 5^2, 15^3\})$	556920
15	$\mathcal{O}(0; \{3^4, 5^7, 15^3\})$	8808072
15	$\mathcal{O}(0; \{3^{11}, 15^4\})$	567944
15	$\mathcal{O}(0; \{3^5, 5^5, 15^4\})$	8912760
15	$\mathcal{O}(0; \{3^6, 5^3, 15^5\})$	8939656
15	$\mathcal{O}(0; \{5^8, 15^5\})$	134217720
15	$\mathcal{O}(0; \{3^7, 5, 15^6\})$	8943480
15	$\mathcal{O}(0; \{3, 5^6, 15^6\})$	140928648
15	$\mathcal{O}(0; \{3^2, 5^4, 15^7\})$	142606200
15	$\mathcal{O}(0; \{3^3, 5^2, 15^8\})$	143026312
15	$\mathcal{O}(0; \{3^4, 15^9\})$	143128440
15	$\mathcal{O}(0; \{5, 15^{11}\})$	2288412808
16	$\mathcal{O}(4; \{2^2, 4^2\})$	8556380160
16	$\mathcal{O}(4; \{4, 8^2\})$	34225520640
16	$\mathcal{O}(3; \{2^6, 4^2\})$	33030144
16	$\mathcal{O}(3; \{2^3, 4^4\})$	132120576
16	$\mathcal{O}(3; \{4^6\})$	528482304
16	$\mathcal{O}(3; \{2^4, 4, 8^2\})$	132120576
16	$\mathcal{O}(3; \{2, 4^3, 8^2\})$	528482304
16	$\mathcal{O}(3; \{2^2, 8^4\})$	1056964608
16	$\mathcal{O}(3; \{2^2, 4, 8, 16^2\})$	1073741824
16	$\mathcal{O}(3; \{8^3, 16^2\})$	8589934592
16	$\mathcal{O}(3; \{4, 16^4\})$	17179869184
16	$\mathcal{O}(2; \{2^{10}, 4^2\})$	122880
16	$\mathcal{O}(2; \{2^7, 4^4\})$	491520
16	$\mathcal{O}(2; \{2^4, 4^6\})$	1966080
16	$\mathcal{O}(2; \{2, 4^8\})$	7864320
16	$\mathcal{O}(2; \{2^8, 4, 8^2\})$	491520
16	$\mathcal{O}(2; \{2^5, 4^3, 8^2\})$	1966080
16	$\mathcal{O}(2; \{2^2, 4^5, 8^2\})$	7864320
16	$\mathcal{O}(2; \{2^6, 8^4\})$	3932160
16	$\mathcal{O}(2; \{2^3, 4^2, 8^4\})$	15728640
16	$\mathcal{O}(2; \{4^4, 8^4\})$	62914560

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{2, 4, 8^6\})$	125829120
16	$\mathcal{O}(2; \{2^6, 4, 8, 16^2\})$	4194304
16	$\mathcal{O}(2; \{2^3, 4^3, 8, 16^2\})$	16777216
16	$\mathcal{O}(2; \{4^5, 8, 16^2\})$	67108864
16	$\mathcal{O}(2; \{2^4, 8^3, 16^2\})$	33554432
16	$\mathcal{O}(2; \{2, 4^2, 8^3, 16^2\})$	134217728
16	$\mathcal{O}(2; \{2^4, 4, 16^4\})$	67108864
16	$\mathcal{O}(2; \{2, 4^3, 16^4\})$	268435456
16	$\mathcal{O}(2; \{2^2, 8^2, 16^4\})$	536870912
16	$\mathcal{O}(2; \{8, 16^6\})$	8589934592
16	$\mathcal{O}(1; \{2^{14}, 4^2\})$	384
16	$\mathcal{O}(1; \{2^{11}, 4^4\})$	1536
16	$\mathcal{O}(1; \{2^8, 4^6\})$	6144
16	$\mathcal{O}(1; \{2^5, 4^8\})$	24576
16	$\mathcal{O}(1; \{2^2, 4^{10}\})$	98304
16	$\mathcal{O}(1; \{2^{12}, 4, 8^2\})$	1536
16	$\mathcal{O}(1; \{2^9, 4^3, 8^2\})$	6144
16	$\mathcal{O}(1; \{2^6, 4^5, 8^2\})$	24576
16	$\mathcal{O}(1; \{2^3, 4^7, 8^2\})$	98304
16	$\mathcal{O}(1; \{4^9, 8^2\})$	393216
16	$\mathcal{O}(1; \{2^{10}, 8^4\})$	12288
16	$\mathcal{O}(1; \{2^7, 4^2, 8^4\})$	49152
16	$\mathcal{O}(1; \{2^4, 4^4, 8^4\})$	196608
16	$\mathcal{O}(1; \{2, 4^6, 8^4\})$	786432
16	$\mathcal{O}(1; \{2^5, 4, 8^6\})$	393216
16	$\mathcal{O}(1; \{2^2, 4^3, 8^6\})$	1572864
16	$\mathcal{O}(1; \{2^3, 8^8\})$	3145728
16	$\mathcal{O}(1; \{4^2, 8^8\})$	12582912
16	$\mathcal{O}(1; \{2^{10}, 4, 8, 16^2\})$	16384
16	$\mathcal{O}(1; \{2^7, 4^3, 8, 16^2\})$	65536
16	$\mathcal{O}(1; \{2^4, 4^5, 8, 16^2\})$	262144
16	$\mathcal{O}(1; \{2, 4^7, 8, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2^8, 8^3, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^5, 4^2, 8^3, 16^2\})$	524288
16	$\mathcal{O}(1; \{2^2, 4^4, 8^3, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2^3, 4, 8^5, 16^2\})$	4194304
16	$\mathcal{O}(1; \{4^3, 8^5, 16^2\})$	16777216
16	$\mathcal{O}(1; \{2, 8^7, 16^2\})$	33554432
16	$\mathcal{O}(1; \{2^8, 4, 16^4\})$	262144
16	$\mathcal{O}(1; \{2^5, 4^3, 16^4\})$	1048576
16	$\mathcal{O}(1; \{2^2, 4^5, 16^4\})$	4194304
16	$\mathcal{O}(1; \{2^6, 8^2, 16^4\})$	2097152
16	$\mathcal{O}(1; \{2^3, 4^2, 8^2, 16^4\})$	8388608

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{4^4, 8^2, 16^4\})$	33554432
16	$\mathcal{O}(1; \{2, 4, 8^4, 16^4\})$	67108864
16	$\mathcal{O}(1; \{2^4, 8, 16^6\})$	33554432
16	$\mathcal{O}(1; \{2, 4^2, 8, 16^6\})$	134217728
16	$\mathcal{O}(1; \{2^2, 16^8\})$	536870912
16	$\mathcal{O}(0; \{2^{14}, 4, 8, 16^2\})$	64
16	$\mathcal{O}(0; \{2^{11}, 4^3, 8, 16^2\})$	256
16	$\mathcal{O}(0; \{2^8, 4^5, 8, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^5, 4^7, 8, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^2, 4^9, 8, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^{12}, 8^3, 16^2\})$	512
16	$\mathcal{O}(0; \{2^9, 4^2, 8^3, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^6, 4^4, 8^3, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^3, 4^6, 8^3, 16^2\})$	32768
16	$\mathcal{O}(0; \{4^8, 8^3, 16^2\})$	131072
16	$\mathcal{O}(0; \{2^7, 4, 8^5, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^4, 4^3, 8^5, 16^2\})$	65536
16	$\mathcal{O}(0; \{2, 4^5, 8^5, 16^2\})$	262144
16	$\mathcal{O}(0; \{2^5, 8^7, 16^2\})$	131072
16	$\mathcal{O}(0; \{2^2, 4^2, 8^7, 16^2\})$	524288
16	$\mathcal{O}(0; \{4, 8^9, 16^2\})$	4194304
16	$\mathcal{O}(0; \{2^{12}, 4, 16^4\})$	1024
16	$\mathcal{O}(0; \{2^9, 4^3, 16^4\})$	4096
16	$\mathcal{O}(0; \{2^6, 4^5, 16^4\})$	16384
16	$\mathcal{O}(0; \{2^3, 4^7, 16^4\})$	65536
16	$\mathcal{O}(0; \{4^9, 16^4\})$	262144
16	$\mathcal{O}(0; \{2^{10}, 8^2, 16^4\})$	8192
16	$\mathcal{O}(0; \{2^7, 4^2, 8^2, 16^4\})$	32768
16	$\mathcal{O}(0; \{2^4, 4^4, 8^2, 16^4\})$	131072
16	$\mathcal{O}(0; \{2, 4^6, 8^2, 16^4\})$	524288
16	$\mathcal{O}(0; \{2^5, 4, 8^4, 16^4\})$	262144
16	$\mathcal{O}(0; \{2^2, 4^3, 8^4, 16^4\})$	1048576
16	$\mathcal{O}(0; \{2^3, 8^6, 16^4\})$	2097152
16	$\mathcal{O}(0; \{4^2, 8^6, 16^4\})$	8388608
16	$\mathcal{O}(0; \{2^8, 8, 16^6\})$	131072
16	$\mathcal{O}(0; \{2^5, 4^2, 8, 16^6\})$	524288
16	$\mathcal{O}(0; \{2^2, 4^4, 8, 16^6\})$	2097152
16	$\mathcal{O}(0; \{2^3, 4, 8^3, 16^6\})$	4194304
16	$\mathcal{O}(0; \{4^3, 8^3, 16^6\})$	16777216
16	$\mathcal{O}(0; \{2, 8^5, 16^6\})$	33554432
16	$\mathcal{O}(0; \{2^6, 16^8\})$	2097152
16	$\mathcal{O}(0; \{2^3, 4^2, 16^8\})$	8388608
16	$\mathcal{O}(0; \{4^4, 16^8\})$	33554432

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{2, 4, 8^2, 16^8\})$	67108864
17	$\mathcal{O}(5; \emptyset)$	2015993900448
18	$\mathcal{O}(3; \{9^4\})$	5423886846
18	$\mathcal{O}(3; \{6, 9^2, 18\})$	1224440064
18	$\mathcal{O}(3; \{2^2, 3, 18^2\})$	408146688
18	$\mathcal{O}(3; \{6^2, 18^2\})$	816293376
18	$\mathcal{O}(2; \{2^4, 9^4\})$	17006112
18	$\mathcal{O}(2; \{3^3, 9^4\})$	127545840
18	$\mathcal{O}(2; \{2, 3, 6, 9^4\})$	68024448
18	$\mathcal{O}(2; \{2^3, 3^2, 9^2, 18\})$	7558272
18	$\mathcal{O}(2; \{2^4, 6, 9^2, 18\})$	3779136
18	$\mathcal{O}(2; \{3^3, 6, 9^2, 18\})$	30233088
18	$\mathcal{O}(2; \{2, 3, 6^2, 9^2, 18\})$	15116544
18	$\mathcal{O}(2; \{2^6, 3, 18^2\})$	1259712
18	$\mathcal{O}(2; \{2^2, 3^4, 18^2\})$	10077696
18	$\mathcal{O}(2; \{2^3, 3^2, 6, 18^2\})$	5038848
18	$\mathcal{O}(2; \{2^4, 6^2, 18^2\})$	2519424
18	$\mathcal{O}(2; \{3^3, 6^2, 18^2\})$	20155392
18	$\mathcal{O}(2; \{2, 3, 6^3, 18^2\})$	10077696
18	$\mathcal{O}(2; \{2^2, 9^3, 18^2\})$	85030560
18	$\mathcal{O}(2; \{2, 3^2, 9, 18^3\})$	68024448
18	$\mathcal{O}(2; \{2^2, 6, 9, 18^3\})$	34012224
18	$\mathcal{O}(2; \{9^2, 18^4\})$	561201696
18	$\mathcal{O}(2; \{6, 18^5\})$	170061120
18	$\mathcal{O}(1; \{2^8, 9^4\})$	52488
18	$\mathcal{O}(1; \{2^4, 3^3, 9^4\})$	419904
18	$\mathcal{O}(1; \{3^6, 9^4\})$	2519424
18	$\mathcal{O}(1; \{2^5, 3, 6, 9^4\})$	209952
18	$\mathcal{O}(1; \{2, 3^4, 6, 9^4\})$	1679616
18	$\mathcal{O}(1; \{2^2, 3^2, 6^2, 9^4\})$	839808
18	$\mathcal{O}(1; \{2^3, 6^3, 9^4\})$	419904
18	$\mathcal{O}(1; \{3, 6^4, 9^4\})$	1679616
18	$\mathcal{O}(1; \{3^2, 9^7\})$	29760696
18	$\mathcal{O}(1; \{2, 6, 9^7\})$	19840464
18	$\mathcal{O}(1; \{2^7, 3^2, 9^2, 18\})$	23328
18	$\mathcal{O}(1; \{2^3, 3^5, 9^2, 18\})$	186624
18	$\mathcal{O}(1; \{2^8, 6, 9^2, 18\})$	11664
18	$\mathcal{O}(1; \{2^4, 3^3, 6, 9^2, 18\})$	93312
18	$\mathcal{O}(1; \{3^6, 6, 9^2, 18\})$	746496
18	$\mathcal{O}(1; \{2^5, 3, 6^2, 9^2, 18\})$	46656
18	$\mathcal{O}(1; \{2, 3^4, 6^2, 9^2, 18\})$	373248
18	$\mathcal{O}(1; \{2^2, 3^2, 6^3, 9^2, 18\})$	186624
18	$\mathcal{O}(1; \{2^3, 6^4, 9^2, 18\})$	93312

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{3, 6^5, 9^2, 18\})$	373248
18	$\mathcal{O}(1; \{2^3, 3, 9^5, 18\})$	3464208
18	$\mathcal{O}(1; \{3^2, 6, 9^5, 18\})$	13856832
18	$\mathcal{O}(1; \{2, 6^2, 9^5, 18\})$	6928416
18	$\mathcal{O}(1; \{2^{10}, 3, 18^2\})$	3888
18	$\mathcal{O}(1; \{2^6, 3^4, 18^2\})$	31104
18	$\mathcal{O}(1; \{2^2, 3^7, 18^2\})$	248832
18	$\mathcal{O}(1; \{2^7, 3^2, 6, 18^2\})$	15552
18	$\mathcal{O}(1; \{2^3, 3^5, 6, 18^2\})$	124416
18	$\mathcal{O}(1; \{2^8, 6^2, 18^2\})$	7776
18	$\mathcal{O}(1; \{2^4, 3^3, 6^2, 18^2\})$	62208
18	$\mathcal{O}(1; \{3^6, 6^2, 18^2\})$	497664
18	$\mathcal{O}(1; \{2^5, 3, 6^3, 18^2\})$	31104
18	$\mathcal{O}(1; \{2, 3^4, 6^3, 18^2\})$	248832
18	$\mathcal{O}(1; \{2^2, 3^2, 6^4, 18^2\})$	124416
18	$\mathcal{O}(1; \{2^3, 6^5, 18^2\})$	62208
18	$\mathcal{O}(1; \{3, 6^6, 18^2\})$	248832
18	$\mathcal{O}(1; \{2^6, 9^3, 18^2\})$	262440
18	$\mathcal{O}(1; \{2^2, 3^3, 9^3, 18^2\})$	2099520
18	$\mathcal{O}(1; \{2^3, 3, 6, 9^3, 18^2\})$	1049760
18	$\mathcal{O}(1; \{3^2, 6^2, 9^3, 18^2\})$	4199040
18	$\mathcal{O}(1; \{2, 6^3, 9^3, 18^2\})$	2099520
18	$\mathcal{O}(1; \{2^5, 3^2, 9, 18^3\})$	209952
18	$\mathcal{O}(1; \{2, 3^5, 9, 18^3\})$	1679616
18	$\mathcal{O}(1; \{2^6, 6, 9, 18^3\})$	104976
18	$\mathcal{O}(1; \{2^2, 3^3, 6, 9, 18^3\})$	839808
18	$\mathcal{O}(1; \{2^3, 3, 6^2, 9, 18^3\})$	419904
18	$\mathcal{O}(1; \{3^2, 6^3, 9, 18^3\})$	1679616
18	$\mathcal{O}(1; \{2, 6^4, 9, 18^3\})$	839808
18	$\mathcal{O}(1; \{2, 3, 9^4, 18^3\})$	19840464
18	$\mathcal{O}(1; \{2^4, 9^2, 18^4\})$	1732104
18	$\mathcal{O}(1; \{3^3, 9^2, 18^4\})$	13856832
18	$\mathcal{O}(1; \{2, 3, 6, 9^2, 18^4\})$	6928416
18	$\mathcal{O}(1; \{2^3, 3^2, 18^5\})$	1049760
18	$\mathcal{O}(1; \{2^4, 6, 18^5\})$	524880
18	$\mathcal{O}(1; \{3^3, 6, 18^5\})$	4199040
18	$\mathcal{O}(1; \{2, 3, 6^2, 18^5\})$	2099520
18	$\mathcal{O}(1; \{2^2, 9, 18^6\})$	9920232
18	$\mathcal{O}(1; \{18^8\})$	60938568
18	$\mathcal{O}(0; \{2^{12}, 9^4\})$	162
18	$\mathcal{O}(0; \{2^8, 3^3, 9^4\})$	1296
18	$\mathcal{O}(0; \{2^4, 3^6, 9^4\})$	10368
18	$\mathcal{O}(0; \{2^9, 3, 6, 9^4\})$	648

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^5, 3^4, 6, 9^4\})$	5184
18	$\mathcal{O}(0; \{2, 3^7, 6, 9^4\})$	41472
18	$\mathcal{O}(0; \{2^6, 3^2, 6^2, 9^4\})$	2592
18	$\mathcal{O}(0; \{2^2, 3^5, 6^2, 9^4\})$	20736
18	$\mathcal{O}(0; \{2^7, 6^3, 9^4\})$	1296
18	$\mathcal{O}(0; \{2^3, 3^3, 6^3, 9^4\})$	10368
18	$\mathcal{O}(0; \{2^4, 3, 6^4, 9^4\})$	5184
18	$\mathcal{O}(0; \{3^4, 6^4, 9^4\})$	41472
18	$\mathcal{O}(0; \{2, 3^2, 6^5, 9^4\})$	20736
18	$\mathcal{O}(0; \{2^2, 6^6, 9^4\})$	10368
18	$\mathcal{O}(0; \{2^4, 3^2, 9^7\})$	122472
18	$\mathcal{O}(0; \{2^5, 6, 9^7\})$	61236
18	$\mathcal{O}(0; \{2, 3^3, 6, 9^7\})$	489888
18	$\mathcal{O}(0; \{2^2, 3, 6^2, 9^7\})$	244944
18	$\mathcal{O}(0; \{6^4, 9^7\})$	489888
18	$\mathcal{O}(0; \{2^{11}, 3^2, 9^2, 18\})$	72
18	$\mathcal{O}(0; \{2^7, 3^5, 9^2, 18\})$	576
18	$\mathcal{O}(0; \{2^3, 3^8, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{2^{12}, 6, 9^2, 18\})$	36
18	$\mathcal{O}(0; \{2^8, 3^3, 6, 9^2, 18\})$	288
18	$\mathcal{O}(0; \{2^4, 3^6, 6, 9^2, 18\})$	2304
18	$\mathcal{O}(0; \{3^9, 6, 9^2, 18\})$	18432
18	$\mathcal{O}(0; \{2^9, 3, 6^2, 9^2, 18\})$	144
18	$\mathcal{O}(0; \{2^5, 3^4, 6^2, 9^2, 18\})$	1152
18	$\mathcal{O}(0; \{2, 3^7, 6^2, 9^2, 18\})$	9216
18	$\mathcal{O}(0; \{2^6, 3^2, 6^3, 9^2, 18\})$	576
18	$\mathcal{O}(0; \{2^2, 3^5, 6^3, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{2^7, 6^4, 9^2, 18\})$	288
18	$\mathcal{O}(0; \{2^3, 3^3, 6^4, 9^2, 18\})$	2304
18	$\mathcal{O}(0; \{2^4, 3, 6^5, 9^2, 18\})$	1152
18	$\mathcal{O}(0; \{3^4, 6^5, 9^2, 18\})$	9216
18	$\mathcal{O}(0; \{2, 3^2, 6^6, 9^2, 18\})$	4608
18	$\mathcal{O}(0; \{2^2, 6^7, 9^2, 18\})$	2304
18	$\mathcal{O}(0; \{2^7, 3, 9^5, 18\})$	10692
18	$\mathcal{O}(0; \{2^3, 3^4, 9^5, 18\})$	85536
18	$\mathcal{O}(0; \{2^4, 3^2, 6, 9^5, 18\})$	42768
18	$\mathcal{O}(0; \{3^5, 6, 9^5, 18\})$	342144
18	$\mathcal{O}(0; \{2^5, 6^2, 9^5, 18\})$	21384
18	$\mathcal{O}(0; \{2, 3^3, 6^2, 9^5, 18\})$	171072
18	$\mathcal{O}(0; \{2^2, 3, 6^3, 9^5, 18\})$	85536
18	$\mathcal{O}(0; \{6^5, 9^5, 18\})$	171072
18	$\mathcal{O}(0; \{2^3, 9^8, 18\})$	1115370
18	$\mathcal{O}(0; \{3, 6, 9^8, 18\})$	4461480

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^{14}, 3, 18^2\})$	12
18	$\mathcal{O}(0; \{2^{10}, 3^4, 18^2\})$	96
18	$\mathcal{O}(0; \{2^6, 3^7, 18^2\})$	768
18	$\mathcal{O}(0; \{2^2, 3^{10}, 18^2\})$	6144
18	$\mathcal{O}(0; \{2^{11}, 3^2, 6, 18^2\})$	48
18	$\mathcal{O}(0; \{2^7, 3^5, 6, 18^2\})$	384
18	$\mathcal{O}(0; \{2^3, 3^8, 6, 18^2\})$	3072
18	$\mathcal{O}(0; \{2^{12}, 6^2, 18^2\})$	24
18	$\mathcal{O}(0; \{2^8, 3^3, 6^2, 18^2\})$	192
18	$\mathcal{O}(0; \{2^4, 3^6, 6^2, 18^2\})$	1536
18	$\mathcal{O}(0; \{3^9, 6^2, 18^2\})$	12288
18	$\mathcal{O}(0; \{2^9, 3, 6^3, 18^2\})$	96
18	$\mathcal{O}(0; \{2^5, 3^4, 6^3, 18^2\})$	768
18	$\mathcal{O}(0; \{2, 3^7, 6^3, 18^2\})$	6144
18	$\mathcal{O}(0; \{2^6, 3^2, 6^4, 18^2\})$	384
18	$\mathcal{O}(0; \{2^2, 3^5, 6^4, 18^2\})$	3072
18	$\mathcal{O}(0; \{2^7, 6^5, 18^2\})$	192
18	$\mathcal{O}(0; \{2^3, 3^3, 6^5, 18^2\})$	1536
18	$\mathcal{O}(0; \{2^4, 3, 6^6, 18^2\})$	768
18	$\mathcal{O}(0; \{3^4, 6^6, 18^2\})$	6144
18	$\mathcal{O}(0; \{2, 3^2, 6^7, 18^2\})$	3072
18	$\mathcal{O}(0; \{2^2, 6^8, 18^2\})$	1536
18	$\mathcal{O}(0; \{2^{10}, 9^3, 18^2\})$	810
18	$\mathcal{O}(0; \{2^6, 3^3, 9^3, 18^2\})$	6480
18	$\mathcal{O}(0; \{2^2, 3^6, 9^3, 18^2\})$	51840
18	$\mathcal{O}(0; \{2^7, 3, 6, 9^3, 18^2\})$	3240
18	$\mathcal{O}(0; \{2^3, 3^4, 6, 9^3, 18^2\})$	25920
18	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 9^3, 18^2\})$	12960
18	$\mathcal{O}(0; \{3^5, 6^2, 9^3, 18^2\})$	103680
18	$\mathcal{O}(0; \{2^5, 6^3, 9^3, 18^2\})$	6480
18	$\mathcal{O}(0; \{2, 3^3, 6^3, 9^3, 18^2\})$	51840
18	$\mathcal{O}(0; \{2^2, 3, 6^4, 9^3, 18^2\})$	25920
18	$\mathcal{O}(0; \{6^6, 9^3, 18^2\})$	51840
18	$\mathcal{O}(0; \{2^2, 3^2, 9^6, 18^2\})$	752328
18	$\mathcal{O}(0; \{2^3, 6, 9^6, 18^2\})$	376164
18	$\mathcal{O}(0; \{3, 6^2, 9^6, 18^2\})$	1504656
18	$\mathcal{O}(0; \{2^9, 3^2, 9, 18^3\})$	648
18	$\mathcal{O}(0; \{2^5, 3^5, 9, 18^3\})$	5184
18	$\mathcal{O}(0; \{2, 3^8, 9, 18^3\})$	41472
18	$\mathcal{O}(0; \{2^{10}, 6, 9, 18^3\})$	324
18	$\mathcal{O}(0; \{2^6, 3^3, 6, 9, 18^3\})$	2592
18	$\mathcal{O}(0; \{2^2, 3^6, 6, 9, 18^3\})$	20736
18	$\mathcal{O}(0; \{2^7, 3, 6^2, 9, 18^3\})$	1296

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^3, 3^4, 6^2, 9, 18^3\})$	10368
18	$\mathcal{O}(0; \{2^4, 3^2, 6^3, 9, 18^3\})$	5184
18	$\mathcal{O}(0; \{3^5, 6^3, 9, 18^3\})$	41472
18	$\mathcal{O}(0; \{2^5, 6^4, 9, 18^3\})$	2592
18	$\mathcal{O}(0; \{2, 3^3, 6^4, 9, 18^3\})$	20736
18	$\mathcal{O}(0; \{2^2, 3, 6^5, 9, 18^3\})$	10368
18	$\mathcal{O}(0; \{6^7, 9, 18^3\})$	20736
18	$\mathcal{O}(0; \{2^5, 3, 9^4, 18^3\})$	61236
18	$\mathcal{O}(0; \{2, 3^4, 9^4, 18^3\})$	489888
18	$\mathcal{O}(0; \{2^2, 3^2, 6, 9^4, 18^3\})$	244944
18	$\mathcal{O}(0; \{2^3, 6^2, 9^4, 18^3\})$	122472
18	$\mathcal{O}(0; \{3, 6^3, 9^4, 18^3\})$	489888
18	$\mathcal{O}(0; \{2, 9^7, 18^3\})$	6731586
18	$\mathcal{O}(0; \{2^8, 9^2, 18^4\})$	5346
18	$\mathcal{O}(0; \{2^4, 3^3, 9^2, 18^4\})$	42768
18	$\mathcal{O}(0; \{3^6, 9^2, 18^4\})$	342144
18	$\mathcal{O}(0; \{2^5, 3, 6, 9^2, 18^4\})$	21384
18	$\mathcal{O}(0; \{2, 3^4, 6, 9^2, 18^4\})$	171072
18	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 9^2, 18^4\})$	85536
18	$\mathcal{O}(0; \{2^3, 6^3, 9^2, 18^4\})$	42768
18	$\mathcal{O}(0; \{3, 6^4, 9^2, 18^4\})$	171072
18	$\mathcal{O}(0; \{3^2, 9^5, 18^4\})$	4461480
18	$\mathcal{O}(0; \{2, 6, 9^5, 18^4\})$	2230740
18	$\mathcal{O}(0; \{2^7, 3^2, 18^5\})$	3240
18	$\mathcal{O}(0; \{2^3, 3^5, 18^5\})$	25920
18	$\mathcal{O}(0; \{2^8, 6, 18^5\})$	1620
18	$\mathcal{O}(0; \{2^4, 3^3, 6, 18^5\})$	12960
18	$\mathcal{O}(0; \{3^6, 6, 18^5\})$	103680
18	$\mathcal{O}(0; \{2^5, 3, 6^2, 18^5\})$	6480
18	$\mathcal{O}(0; \{2, 3^4, 6^2, 18^5\})$	51840
18	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 18^5\})$	25920
18	$\mathcal{O}(0; \{2^3, 6^4, 18^5\})$	12960
18	$\mathcal{O}(0; \{3, 6^5, 18^5\})$	51840
18	$\mathcal{O}(0; \{2^3, 3, 9^3, 18^5\})$	376164
18	$\mathcal{O}(0; \{3^2, 6, 9^3, 18^5\})$	1504656
18	$\mathcal{O}(0; \{2, 6^2, 9^3, 18^5\})$	752328
18	$\mathcal{O}(0; \{2^6, 9, 18^6\})$	30618
18	$\mathcal{O}(0; \{2^2, 3^3, 9, 18^6\})$	244944
18	$\mathcal{O}(0; \{2^3, 3, 6, 9, 18^6\})$	122472
18	$\mathcal{O}(0; \{3^2, 6^2, 9, 18^6\})$	489888
18	$\mathcal{O}(0; \{2, 6^3, 9, 18^6\})$	244944
18	$\mathcal{O}(0; \{2, 3, 9^2, 18^7\})$	2230740
18	$\mathcal{O}(0; \{2^4, 18^8\})$	188082

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{3^3, 18^8\})$	1504656
18	$\mathcal{O}(0; \{2, 3, 6, 18^8\})$	752328
20	$\mathcal{O}(3; \{2^2, 10^2\})$	252000000
20	$\mathcal{O}(3; \{10, 20^2\})$	1536000000
20	$\mathcal{O}(2; \{5^6\})$	123000000
20	$\mathcal{O}(2; \{2^3, 5^3, 10\})$	7800000
20	$\mathcal{O}(2; \{4^2, 5^3, 10\})$	16640000
20	$\mathcal{O}(2; \{2^6, 10^2\})$	600000
20	$\mathcal{O}(2; \{2^3, 4^2, 10^2\})$	1280000
20	$\mathcal{O}(2; \{4^4, 10^2\})$	5120000
20	$\mathcal{O}(2; \{2, 5^2, 10^3\})$	30600000
20	$\mathcal{O}(2; \{2^3, 4, 5^2, 20\})$	3840000
20	$\mathcal{O}(2; \{4^3, 5^2, 20\})$	15360000
20	$\mathcal{O}(2; \{2, 4, 5, 10^2, 20\})$	16640000
20	$\mathcal{O}(2; \{2, 5^3, 20^2\})$	65280000
20	$\mathcal{O}(2; \{2^4, 10, 20^2\})$	3840000
20	$\mathcal{O}(2; \{2, 4^2, 10, 20^2\})$	15360000
20	$\mathcal{O}(2; \{2^2, 20^4\})$	66560000
20	$\mathcal{O}(1; \{2^4, 5^6\})$	246000
20	$\mathcal{O}(1; \{2, 4^2, 5^6\})$	656000
20	$\mathcal{O}(1; \{2^7, 5^3, 10\})$	15600
20	$\mathcal{O}(1; \{2^4, 4^2, 5^3, 10\})$	41600
20	$\mathcal{O}(1; \{2, 4^4, 5^3, 10\})$	166400
20	$\mathcal{O}(1; \{2^{10}, 10^2\})$	1200
20	$\mathcal{O}(1; \{2^7, 4^2, 10^2\})$	3200
20	$\mathcal{O}(1; \{2^4, 4^4, 10^2\})$	12800
20	$\mathcal{O}(1; \{2, 4^6, 10^2\})$	51200
20	$\mathcal{O}(1; \{2^2, 5^5, 10^2\})$	982800
20	$\mathcal{O}(1; \{2^5, 5^2, 10^3\})$	61200
20	$\mathcal{O}(1; \{2^2, 4^2, 5^2, 10^3\})$	163200
20	$\mathcal{O}(1; \{5^4, 10^4\})$	3932400
20	$\mathcal{O}(1; \{2^3, 5, 10^5\})$	246000
20	$\mathcal{O}(1; \{4^2, 5, 10^5\})$	656000
20	$\mathcal{O}(1; \{2, 10^7\})$	982800
20	$\mathcal{O}(1; \{2^7, 4, 5^2, 20\})$	9600
20	$\mathcal{O}(1; \{2^4, 4^3, 5^2, 20\})$	38400
20	$\mathcal{O}(1; \{2, 4^5, 5^2, 20\})$	153600
20	$\mathcal{O}(1; \{2^2, 4, 5^4, 10, 20\})$	656000
20	$\mathcal{O}(1; \{2^3, 4, 5, 10^2, 20\})$	41600
20	$\mathcal{O}(1; \{2^2, 4^3, 5, 10^2, 20\})$	166400
20	$\mathcal{O}(1; \{4, 5^3, 10^3, 20\})$	2620800
20	$\mathcal{O}(1; \{2^3, 4, 10^4, 20\})$	163200
20	$\mathcal{O}(1; \{4^3, 10^4, 20\})$	652800

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{2^5, 5^3, 20^2\})$	163200
20	$\mathcal{O}(1; \{2^2, 4^2, 5^3, 20^2\})$	652800
20	$\mathcal{O}(1; \{2^8, 10, 20^2\})$	9600
20	$\mathcal{O}(1; \{2^5, 4^2, 10, 20^2\})$	38400
20	$\mathcal{O}(1; \{2^2, 4^4, 10, 20^2\})$	153600
20	$\mathcal{O}(1; \{5^5, 10, 20^2\})$	10486400
20	$\mathcal{O}(1; \{2^3, 5^2, 10^2, 20^2\})$	656000
20	$\mathcal{O}(1; \{4^2, 5^2, 10^2, 20^2\})$	2624000
20	$\mathcal{O}(1; \{2, 5, 10^4, 20^2\})$	2620800
20	$\mathcal{O}(1; \{4, 5^4, 20^3\})$	10483200
20	$\mathcal{O}(1; \{2^3, 4, 5, 10, 20^3\})$	652800
20	$\mathcal{O}(1; \{4^3, 5, 10, 20^3\})$	2611200
20	$\mathcal{O}(1; \{2, 4, 10^3, 20^3\})$	2624000
20	$\mathcal{O}(1; \{2^6, 20^4\})$	166400
20	$\mathcal{O}(1; \{2^3, 4^2, 20^4\})$	665600
20	$\mathcal{O}(1; \{4^4, 20^4\})$	2662400
20	$\mathcal{O}(1; \{2, 5^2, 10, 20^4\})$	10483200
20	$\mathcal{O}(1; \{2, 4, 5, 20^5\})$	10496000
20	$\mathcal{O}(0; \{2^5, 4^2, 5^6\})$	1640
20	$\mathcal{O}(0; \{2^2, 4^4, 5^6\})$	6560
20	$\mathcal{O}(0; \{2^8, 4^2, 5^3, 10\})$	104
20	$\mathcal{O}(0; \{2^5, 4^4, 5^3, 10\})$	416
20	$\mathcal{O}(0; \{2^2, 4^6, 5^3, 10\})$	1664
20	$\mathcal{O}(0; \{4^2, 5^8, 10\})$	104856
20	$\mathcal{O}(0; \{2^{11}, 4^2, 10^2\})$	8
20	$\mathcal{O}(0; \{2^8, 4^4, 10^2\})$	32
20	$\mathcal{O}(0; \{2^5, 4^6, 10^2\})$	128
20	$\mathcal{O}(0; \{2^2, 4^8, 10^2\})$	512
20	$\mathcal{O}(0; \{2^3, 4^2, 5^5, 10^2\})$	6552
20	$\mathcal{O}(0; \{4^4, 5^5, 10^2\})$	26208
20	$\mathcal{O}(0; \{2^6, 4^2, 5^2, 10^3\})$	408
20	$\mathcal{O}(0; \{2^3, 4^4, 5^2, 10^3\})$	1632
20	$\mathcal{O}(0; \{4^6, 5^2, 10^3\})$	6528
20	$\mathcal{O}(0; \{2, 4^2, 5^4, 10^4\})$	26216
20	$\mathcal{O}(0; \{2^4, 4^2, 5, 10^5\})$	1640
20	$\mathcal{O}(0; \{2, 4^4, 5, 10^5\})$	6560
20	$\mathcal{O}(0; \{2^2, 4^2, 10^7\})$	6552
20	$\mathcal{O}(0; \{2^{11}, 4, 5^2, 20\})$	24
20	$\mathcal{O}(0; \{2^8, 4^3, 5^2, 20\})$	96
20	$\mathcal{O}(0; \{2^5, 4^5, 5^2, 20\})$	384
20	$\mathcal{O}(0; \{2^2, 4^7, 5^2, 20\})$	1536
20	$\mathcal{O}(0; \{2^3, 4, 5^7, 20\})$	26216
20	$\mathcal{O}(0; \{4^3, 5^7, 20\})$	104864

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^6, 4, 5^4, 10, 20\})$	1640
20	$\mathcal{O}(0; \{2^3, 4^3, 5^4, 10, 20\})$	6560
20	$\mathcal{O}(0; \{4^5, 5^4, 10, 20\})$	26240
20	$\mathcal{O}(0; \{2^9, 4, 5, 10^2, 20\})$	104
20	$\mathcal{O}(0; \{2^6, 4^3, 5, 10^2, 20\})$	416
20	$\mathcal{O}(0; \{2^3, 4^5, 5, 10^2, 20\})$	1664
20	$\mathcal{O}(0; \{4^7, 5, 10^2, 20\})$	6656
20	$\mathcal{O}(0; \{2, 4, 5^6, 10^2, 20\})$	104856
20	$\mathcal{O}(0; \{2^4, 4, 5^3, 10^3, 20\})$	6552
20	$\mathcal{O}(0; \{2, 4^3, 5^3, 10^3, 20\})$	26208
20	$\mathcal{O}(0; \{2^7, 4, 10^4, 20\})$	408
20	$\mathcal{O}(0; \{2^4, 4^3, 10^4, 20\})$	1632
20	$\mathcal{O}(0; \{2, 4^5, 10^4, 20\})$	6528
20	$\mathcal{O}(0; \{2^2, 4, 5^2, 10^5, 20\})$	26216
20	$\mathcal{O}(0; \{4, 5, 10^7, 20\})$	104856
20	$\mathcal{O}(0; \{2^9, 5^3, 20^2\})$	408
20	$\mathcal{O}(0; \{2^6, 4^2, 5^3, 20^2\})$	1632
20	$\mathcal{O}(0; \{2^3, 4^4, 5^3, 20^2\})$	6528
20	$\mathcal{O}(0; \{4^6, 5^3, 20^2\})$	26112
20	$\mathcal{O}(0; \{2, 5^8, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^{12}, 10, 20^2\})$	24
20	$\mathcal{O}(0; \{2^9, 4^2, 10, 20^2\})$	96
20	$\mathcal{O}(0; \{2^6, 4^4, 10, 20^2\})$	384
20	$\mathcal{O}(0; \{2^3, 4^6, 10, 20^2\})$	1536
20	$\mathcal{O}(0; \{4^8, 10, 20^2\})$	6144
20	$\mathcal{O}(0; \{2^4, 5^5, 10, 20^2\})$	26216
20	$\mathcal{O}(0; \{2, 4^2, 5^5, 10, 20^2\})$	104864
20	$\mathcal{O}(0; \{2^7, 5^2, 10^2, 20^2\})$	1640
20	$\mathcal{O}(0; \{2^4, 4^2, 5^2, 10^2, 20^2\})$	6560
20	$\mathcal{O}(0; \{2, 4^4, 5^2, 10^2, 20^2\})$	26240
20	$\mathcal{O}(0; \{2^2, 5^4, 10^3, 20^2\})$	104856
20	$\mathcal{O}(0; \{2^5, 5, 10^4, 20^2\})$	6552
20	$\mathcal{O}(0; \{2^2, 4^2, 5, 10^4, 20^2\})$	26208
20	$\mathcal{O}(0; \{5^3, 10^5, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^3, 10^6, 20^2\})$	26216
20	$\mathcal{O}(0; \{4^2, 10^6, 20^2\})$	104864
20	$\mathcal{O}(0; \{2^4, 4, 5^4, 20^3\})$	26208
20	$\mathcal{O}(0; \{2, 4^3, 5^4, 20^3\})$	104832
20	$\mathcal{O}(0; \{2^7, 4, 5, 10, 20^3\})$	1632
20	$\mathcal{O}(0; \{2^4, 4^3, 5, 10, 20^3\})$	6528
20	$\mathcal{O}(0; \{2, 4^5, 5, 10, 20^3\})$	26112
20	$\mathcal{O}(0; \{2^2, 4, 5^3, 10^2, 20^3\})$	104864
20	$\mathcal{O}(0; \{2^5, 4, 10^3, 20^3\})$	6560

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{2^2, 4^3, 10^3, 20^3\})$	26240
20	$\mathcal{O}(0; \{4, 5^2, 10^4, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^{10}, 20^4\})$	416
20	$\mathcal{O}(0; \{2^7, 4^2, 20^4\})$	1664
20	$\mathcal{O}(0; \{2^4, 4^4, 20^4\})$	6656
20	$\mathcal{O}(0; \{2, 4^6, 20^4\})$	26624
20	$\mathcal{O}(0; \{2^2, 5^5, 20^4\})$	419424
20	$\mathcal{O}(0; \{2^5, 5^2, 10, 20^4\})$	26208
20	$\mathcal{O}(0; \{2^2, 4^2, 5^2, 10, 20^4\})$	104832
20	$\mathcal{O}(0; \{5^4, 10^2, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^3, 5, 10^3, 20^4\})$	104864
20	$\mathcal{O}(0; \{4^2, 5, 10^3, 20^4\})$	419456
20	$\mathcal{O}(0; \{2, 10^5, 20^4\})$	419424
20	$\mathcal{O}(0; \{2^5, 4, 5, 20^5\})$	26240
20	$\mathcal{O}(0; \{2^2, 4^3, 5, 20^5\})$	104960
20	$\mathcal{O}(0; \{4, 5^3, 10, 20^5\})$	1677696
20	$\mathcal{O}(0; \{2^3, 4, 10^2, 20^5\})$	104832
20	$\mathcal{O}(0; \{4^3, 10^2, 20^5\})$	419328
20	$\mathcal{O}(0; \{2^3, 5^2, 20^6\})$	419456
20	$\mathcal{O}(0; \{4^2, 5^2, 20^6\})$	1677824
20	$\mathcal{O}(0; \{2, 5, 10^2, 20^6\})$	1677696
20	$\mathcal{O}(0; \{2, 4, 10, 20^7\})$	1677824
21	$\mathcal{O}(3; \{3, 7, 21\})$	1029193452
21	$\mathcal{O}(2; \{3^4, 7, 21\})$	11668860
21	$\mathcal{O}(2; \{7^3, 21^2\})$	431747820
21	$\mathcal{O}(2; \{3, 21^4\})$	361734660
21	$\mathcal{O}(1; \{3^2, 7^6\})$	5879412
21	$\mathcal{O}(1; \{3^7, 7, 21\})$	227556
21	$\mathcal{O}(1; \{3^3, 7^3, 21^2\})$	4895100
21	$\mathcal{O}(1; \{3^4, 21^4\})$	7054236
21	$\mathcal{O}(1; \{7^2, 21^5\})$	176355900
21	$\mathcal{O}(0; \{3^5, 7^6\})$	66660
21	$\mathcal{O}(0; \{3^{10}, 7, 21\})$	4092
21	$\mathcal{O}(0; \{3, 7^8, 21\})$	2879340
21	$\mathcal{O}(0; \{3^6, 7^3, 21^2\})$	95460
21	$\mathcal{O}(0; \{3^2, 7^5, 21^3\})$	2399460
21	$\mathcal{O}(0; \{3^7, 21^4\})$	126852
21	$\mathcal{O}(0; \{3^3, 7^2, 21^5\})$	3439140
21	$\mathcal{O}(0; \{7, 21^8\})$	123811620
22	$\mathcal{O}(2; \{2, 11^3, 22\})$	213172960
22	$\mathcal{O}(1; \{2^5, 11^3, 22\})$	440440
22	$\mathcal{O}(1; \{2^3, 11^2, 22^3\})$	4399560
22	$\mathcal{O}(1; \{2, 11, 22^5\})$	44000440

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
22	$\mathcal{O}(0; \{2^9, 11^3, 22\})$	910
22	$\mathcal{O}(0; \{2^7, 11^2, 22^3\})$	9090
22	$\mathcal{O}(0; \{2^5, 11, 22^5\})$	90910
22	$\mathcal{O}(0; \{2^3, 22^7\})$	909090
23	$\mathcal{O}(3; \{23^2\})$	3256789558
24	$\mathcal{O}(3; \{6^2\})$	376233984
24	$\mathcal{O}(2; \{2^2, 3^4\})$	1866240
24	$\mathcal{O}(2; \{2^3, 3^2, 6\})$	622080
24	$\mathcal{O}(2; \{3^2, 4^2, 6\})$	1244160
24	$\mathcal{O}(2; \{2^4, 6^2\})$	622080
24	$\mathcal{O}(2; \{3^3, 6^2\})$	3110400
24	$\mathcal{O}(2; \{2, 4^2, 6^2\})$	1244160
24	$\mathcal{O}(2; \{2, 3, 6^3\})$	1866240
24	$\mathcal{O}(2; \{3^3, 4, 12\})$	3732480
24	$\mathcal{O}(2; \{2, 3, 4, 6, 12\})$	1244160
24	$\mathcal{O}(2; \{2, 3^2, 12^2\})$	3732480
24	$\mathcal{O}(2; \{2^2, 6, 12^2\})$	1244160
24	$\mathcal{O}(2; \{12^4\})$	14929920
24	$\mathcal{O}(2; \{2, 3^2, 8, 24\})$	2654208
24	$\mathcal{O}(2; \{2^2, 6, 8, 24\})$	2654208
24	$\mathcal{O}(2; \{8, 12^2, 24\})$	10616832
24	$\mathcal{O}(2; \{2^2, 4, 24^2\})$	5308416
24	$\mathcal{O}(2; \{8^2, 24^2\})$	42467328
24	$\mathcal{O}(2; \{6, 12, 24^2\})$	15925248
24	$\mathcal{O}(1; \{2^6, 3^4\})$	2592
24	$\mathcal{O}(1; \{2^2, 3^7\})$	18144
24	$\mathcal{O}(1; \{2^3, 3^4, 4^2\})$	5184
24	$\mathcal{O}(1; \{3^4, 4^4\})$	20736
24	$\mathcal{O}(1; \{2^7, 3^2, 6\})$	864
24	$\mathcal{O}(1; \{2^3, 3^5, 6\})$	9504
24	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 6\})$	1728
24	$\mathcal{O}(1; \{3^5, 4^2, 6\})$	19008
24	$\mathcal{O}(1; \{2, 3^2, 4^4, 6\})$	6912
24	$\mathcal{O}(1; \{2^8, 6^2\})$	864
24	$\mathcal{O}(1; \{2^4, 3^3, 6^2\})$	4320
24	$\mathcal{O}(1; \{3^6, 6^2\})$	37152
24	$\mathcal{O}(1; \{2^5, 4^2, 6^2\})$	1728
24	$\mathcal{O}(1; \{2, 3^3, 4^2, 6^2\})$	8640
24	$\mathcal{O}(1; \{2^2, 4^4, 6^2\})$	6912
24	$\mathcal{O}(1; \{2^5, 3, 6^3\})$	2592
24	$\mathcal{O}(1; \{2, 3^4, 6^3\})$	18144
24	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^3\})$	5184
24	$\mathcal{O}(1; \{2^2, 3^2, 6^4\})$	9504

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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	$\mathcal{O}(1; \{2^3, 6^5\})$	4320
24	$\mathcal{O}(1; \{4^2, 6^5\})$	8640
24	$\mathcal{O}(1; \{3, 6^6\})$	18144
24	$\mathcal{O}(1; \{2, 3^4, 4, 8^2\})$	27648
24	$\mathcal{O}(1; \{2^2, 3^2, 4, 6, 8^2\})$	9216
24	$\mathcal{O}(1; \{2^3, 4, 6^2, 8^2\})$	9216
24	$\mathcal{O}(1; \{4^3, 6^2, 8^2\})$	36864
24	$\mathcal{O}(1; \{3, 4, 6^3, 8^2\})$	27648
24	$\mathcal{O}(1; \{3^2, 6, 8^4\})$	73728
24	$\mathcal{O}(1; \{2, 6^2, 8^4\})$	73728
24	$\mathcal{O}(1; \{2^4, 3^3, 4, 12\})$	5184
24	$\mathcal{O}(1; \{3^6, 4, 12\})$	36288
24	$\mathcal{O}(1; \{2, 3^3, 4^3, 12\})$	20736
24	$\mathcal{O}(1; \{2^5, 3, 4, 6, 12\})$	1728
24	$\mathcal{O}(1; \{2, 3^4, 4, 6, 12\})$	19008
24	$\mathcal{O}(1; \{2^2, 3, 4^3, 6, 12\})$	6912
24	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^2, 12\})$	8640
24	$\mathcal{O}(1; \{2^3, 4, 6^3, 12\})$	5184
24	$\mathcal{O}(1; \{4^3, 6^3, 12\})$	20736
24	$\mathcal{O}(1; \{3, 4, 6^4, 12\})$	19008
24	$\mathcal{O}(1; \{2^2, 3^3, 8^2, 12\})$	27648
24	$\mathcal{O}(1; \{2^3, 3, 6, 8^2, 12\})$	9216
24	$\mathcal{O}(1; \{3, 4^2, 6, 8^2, 12\})$	36864
24	$\mathcal{O}(1; \{3^2, 6^2, 8^2, 12\})$	46080
24	$\mathcal{O}(1; \{2, 6^3, 8^2, 12\})$	27648
24	$\mathcal{O}(1; \{2^5, 3^2, 12^2\})$	5184
24	$\mathcal{O}(1; \{2, 3^5, 12^2\})$	36288
24	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 12^2\})$	20736
24	$\mathcal{O}(1; \{2^6, 6, 12^2\})$	1728
24	$\mathcal{O}(1; \{2^2, 3^3, 6, 12^2\})$	19008
24	$\mathcal{O}(1; \{2^3, 4^2, 6, 12^2\})$	6912
24	$\mathcal{O}(1; \{4^4, 6, 12^2\})$	27648
24	$\mathcal{O}(1; \{2^3, 3, 6^2, 12^2\})$	8640
24	$\mathcal{O}(1; \{3, 4^2, 6^2, 12^2\})$	34560
24	$\mathcal{O}(1; \{3^2, 6^3, 12^2\})$	36288
24	$\mathcal{O}(1; \{2, 6^4, 12^2\})$	19008
24	$\mathcal{O}(1; \{3^2, 4, 8^2, 12^2\})$	110592
24	$\mathcal{O}(1; \{2, 4, 6, 8^2, 12^2\})$	36864
24	$\mathcal{O}(1; \{2^3, 3, 4, 12^3\})$	20736
24	$\mathcal{O}(1; \{3, 4^3, 12^3\})$	82944
24	$\mathcal{O}(1; \{3^2, 4, 6, 12^3\})$	76032
24	$\mathcal{O}(1; \{2, 4, 6^2, 12^3\})$	34560
24	$\mathcal{O}(1; \{2, 3, 8^2, 12^3\})$	110592

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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	$\mathcal{O}(1; \{2^4, 12^4\})$	20736
24	$\mathcal{O}(1; \{3^3, 12^4\})$	145152
24	$\mathcal{O}(1; \{2, 4^2, 12^4\})$	82944
24	$\mathcal{O}(1; \{2, 3, 6, 12^4\})$	76032
24	$\mathcal{O}(1; \{2^5, 3^2, 8, 24\})$	4608
24	$\mathcal{O}(1; \{2, 3^5, 8, 24\})$	50688
24	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 8, 24\})$	18432
24	$\mathcal{O}(1; \{2^6, 6, 8, 24\})$	4608
24	$\mathcal{O}(1; \{2^2, 3^3, 6, 8, 24\})$	23040
24	$\mathcal{O}(1; \{2^3, 4^2, 6, 8, 24\})$	18432
24	$\mathcal{O}(1; \{4^4, 6, 8, 24\})$	73728
24	$\mathcal{O}(1; \{2^3, 3, 6^2, 8, 24\})$	13824
24	$\mathcal{O}(1; \{3, 4^2, 6^2, 8, 24\})$	55296
24	$\mathcal{O}(1; \{3^2, 6^3, 8, 24\})$	50688
24	$\mathcal{O}(1; \{2, 6^4, 8, 24\})$	23040
24	$\mathcal{O}(1; \{3^2, 4, 8^3, 24\})$	147456
24	$\mathcal{O}(1; \{2, 4, 6, 8^3, 24\})$	147456
24	$\mathcal{O}(1; \{2^3, 3, 4, 8, 12, 24\})$	18432
24	$\mathcal{O}(1; \{3, 4^3, 8, 12, 24\})$	73728
24	$\mathcal{O}(1; \{3^2, 4, 6, 8, 12, 24\})$	92160
24	$\mathcal{O}(1; \{2, 4, 6^2, 8, 12, 24\})$	55296
24	$\mathcal{O}(1; \{2, 3, 8^3, 12, 24\})$	147456
24	$\mathcal{O}(1; \{2^4, 8, 12^2, 24\})$	18432
24	$\mathcal{O}(1; \{3^3, 8, 12^2, 24\})$	202752
24	$\mathcal{O}(1; \{2, 4^2, 8, 12^2, 24\})$	73728
24	$\mathcal{O}(1; \{2, 3, 6, 8, 12^2, 24\})$	92160
24	$\mathcal{O}(1; \{2^6, 4, 24^2\})$	9216
24	$\mathcal{O}(1; \{2^2, 3^3, 4, 24^2\})$	46080
24	$\mathcal{O}(1; \{2^3, 4^3, 24^2\})$	36864
24	$\mathcal{O}(1; \{4^5, 24^2\})$	147456
24	$\mathcal{O}(1; \{2^3, 3, 4, 6, 24^2\})$	27648
24	$\mathcal{O}(1; \{3, 4^3, 6, 24^2\})$	110592
24	$\mathcal{O}(1; \{3^2, 4, 6^2, 24^2\})$	101376
24	$\mathcal{O}(1; \{2, 4, 6^3, 24^2\})$	46080
24	$\mathcal{O}(1; \{2^4, 8^2, 24^2\})$	73728
24	$\mathcal{O}(1; \{3^3, 8^2, 24^2\})$	368640
24	$\mathcal{O}(1; \{2, 4^2, 8^2, 24^2\})$	294912
24	$\mathcal{O}(1; \{2, 3, 6, 8^2, 24^2\})$	221184
24	$\mathcal{O}(1; \{2^3, 3^2, 12, 24^2\})$	46080
24	$\mathcal{O}(1; \{3^2, 4^2, 12, 24^2\})$	184320
24	$\mathcal{O}(1; \{2^4, 6, 12, 24^2\})$	27648
24	$\mathcal{O}(1; \{3^3, 6, 12, 24^2\})$	193536
24	$\mathcal{O}(1; \{2, 4^2, 6, 12, 24^2\})$	110592

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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	$\mathcal{O}(1; \{2, 3, 6^2, 12, 24^2\})$	101376
24	$\mathcal{O}(1; \{2, 3, 4, 12^2, 24^2\})$	184320
24	$\mathcal{O}(1; \{2^2, 12^3, 24^2\})$	184320
24	$\mathcal{O}(1; \{2, 3, 4, 8, 24^3\})$	442368
24	$\mathcal{O}(1; \{2^2, 8, 12, 24^3\})$	442368
24	$\mathcal{O}(1; \{2, 3^2, 24^4\})$	811008
24	$\mathcal{O}(1; \{2^2, 6, 24^4\})$	368640
24	$\mathcal{O}(1; \{12^2, 24^4\})$	3244032
24	$\mathcal{O}(1; \{8, 24^5\})$	5898240
24	$\mathcal{O}(0; \{2^5, 3^4, 4, 8^2\})$	48
24	$\mathcal{O}(0; \{2, 3^7, 4, 8^2\})$	336
24	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 8^2\})$	192
24	$\mathcal{O}(0; \{2^6, 3^2, 4, 6, 8^2\})$	16
24	$\mathcal{O}(0; \{2^2, 3^5, 4, 6, 8^2\})$	176
24	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6, 8^2\})$	64
24	$\mathcal{O}(0; \{3^2, 4^5, 6, 8^2\})$	256
24	$\mathcal{O}(0; \{2^7, 4, 6^2, 8^2\})$	16
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^2, 8^2\})$	80
24	$\mathcal{O}(0; \{2^4, 4^3, 6^2, 8^2\})$	64
24	$\mathcal{O}(0; \{3^3, 4^3, 6^2, 8^2\})$	320
24	$\mathcal{O}(0; \{2, 4^5, 6^2, 8^2\})$	256
24	$\mathcal{O}(0; \{2^4, 3, 4, 6^3, 8^2\})$	48
24	$\mathcal{O}(0; \{3^4, 4, 6^3, 8^2\})$	336
24	$\mathcal{O}(0; \{2, 3, 4^3, 6^3, 8^2\})$	192
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^4, 8^2\})$	176
24	$\mathcal{O}(0; \{2^2, 4, 6^5, 8^2\})$	80
24	$\mathcal{O}(0; \{2^3, 3^4, 8^4\})$	384
24	$\mathcal{O}(0; \{3^4, 4^2, 8^4\})$	1536
24	$\mathcal{O}(0; \{2^4, 3^2, 6, 8^4\})$	128
24	$\mathcal{O}(0; \{3^5, 6, 8^4\})$	1408
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6, 8^4\})$	512
24	$\mathcal{O}(0; \{2^5, 6^2, 8^4\})$	128
24	$\mathcal{O}(0; \{2, 3^3, 6^2, 8^4\})$	640
24	$\mathcal{O}(0; \{2^2, 4^2, 6^2, 8^4\})$	512
24	$\mathcal{O}(0; \{2^2, 3, 6^3, 8^4\})$	384
24	$\mathcal{O}(0; \{6^5, 8^4\})$	640
24	$\mathcal{O}(0; \{4, 6^2, 8^6\})$	4096
24	$\mathcal{O}(0; \{2^6, 3^3, 8^2, 12\})$	48
24	$\mathcal{O}(0; \{2^2, 3^6, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 8^2, 12\})$	192
24	$\mathcal{O}(0; \{3^3, 4^4, 8^2, 12\})$	768
24	$\mathcal{O}(0; \{2^7, 3, 6, 8^2, 12\})$	16
24	$\mathcal{O}(0; \{2^3, 3^4, 6, 8^2, 12\})$	176

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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	$\mathcal{O}(0; \{2^4, 3, 4^2, 6, 8^2, 12\})$	64
24	$\mathcal{O}(0; \{3^4, 4^2, 6, 8^2, 12\})$	704
24	$\mathcal{O}(0; \{2, 3, 4^4, 6, 8^2, 12\})$	256
24	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 8^2, 12\})$	80
24	$\mathcal{O}(0; \{3^5, 6^2, 8^2, 12\})$	688
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^2, 8^2, 12\})$	320
24	$\mathcal{O}(0; \{2^5, 6^3, 8^2, 12\})$	48
24	$\mathcal{O}(0; \{2, 3^3, 6^3, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2^2, 4^2, 6^3, 8^2, 12\})$	192
24	$\mathcal{O}(0; \{2^2, 3, 6^4, 8^2, 12\})$	176
24	$\mathcal{O}(0; \{6^6, 8^2, 12\})$	336
24	$\mathcal{O}(0; \{2, 3^3, 4, 8^4, 12\})$	1536
24	$\mathcal{O}(0; \{2^2, 3, 4, 6, 8^4, 12\})$	512
24	$\mathcal{O}(0; \{4, 6^3, 8^4, 12\})$	1536
24	$\mathcal{O}(0; \{3, 6, 8^6, 12\})$	4096
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 8^2, 12^2\})$	192
24	$\mathcal{O}(0; \{3^5, 4, 8^2, 12^2\})$	1344
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 8^2, 12^2\})$	768
24	$\mathcal{O}(0; \{2^5, 4, 6, 8^2, 12^2\})$	64
24	$\mathcal{O}(0; \{2, 3^3, 4, 6, 8^2, 12^2\})$	704
24	$\mathcal{O}(0; \{2^2, 4^3, 6, 8^2, 12^2\})$	256
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^2, 8^2, 12^2\})$	320
24	$\mathcal{O}(0; \{4, 6^4, 8^2, 12^2\})$	704
24	$\mathcal{O}(0; \{2^2, 3^2, 8^4, 12^2\})$	1536
24	$\mathcal{O}(0; \{2^3, 6, 8^4, 12^2\})$	512
24	$\mathcal{O}(0; \{4^2, 6, 8^4, 12^2\})$	2048
24	$\mathcal{O}(0; \{3, 6^2, 8^4, 12^2\})$	2560
24	$\mathcal{O}(0; \{2^5, 3, 8^2, 12^3\})$	192
24	$\mathcal{O}(0; \{2, 3^4, 8^2, 12^3\})$	1344
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 8^2, 12^3\})$	768
24	$\mathcal{O}(0; \{2^2, 3^2, 6, 8^2, 12^3\})$	704
24	$\mathcal{O}(0; \{2^3, 6^2, 8^2, 12^3\})$	320
24	$\mathcal{O}(0; \{4^2, 6^2, 8^2, 12^3\})$	1280
24	$\mathcal{O}(0; \{3, 6^3, 8^2, 12^3\})$	1344
24	$\mathcal{O}(0; \{3, 4, 8^4, 12^3\})$	6144
24	$\mathcal{O}(0; \{2^3, 4, 8^2, 12^4\})$	768
24	$\mathcal{O}(0; \{4^3, 8^2, 12^4\})$	3072
24	$\mathcal{O}(0; \{3, 4, 6, 8^2, 12^4\})$	2816
24	$\mathcal{O}(0; \{2, 8^4, 12^4\})$	6144
24	$\mathcal{O}(0; \{3^2, 8^2, 12^5\})$	5376
24	$\mathcal{O}(0; \{2, 6, 8^2, 12^5\})$	2816
24	$\mathcal{O}(0; \{2^9, 3^2, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^5, 3^5, 8, 24\})$	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	$\mathcal{O}(0; \{2, 3^8, 8, 24\})$	680
24	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 8, 24\})$	32
24	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 8, 24\})$	352
24	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 8, 24\})$	128
24	$\mathcal{O}(0; \{3^2, 4^6, 8, 24\})$	512
24	$\mathcal{O}(0; \{2^{10}, 6, 8, 24\})$	8
24	$\mathcal{O}(0; \{2^6, 3^3, 6, 8, 24\})$	40
24	$\mathcal{O}(0; \{2^2, 3^6, 6, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^7, 4^2, 6, 8, 24\})$	32
24	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6, 8, 24\})$	160
24	$\mathcal{O}(0; \{2^4, 4^4, 6, 8, 24\})$	128
24	$\mathcal{O}(0; \{3^3, 4^4, 6, 8, 24\})$	640
24	$\mathcal{O}(0; \{2, 4^6, 6, 8, 24\})$	512
24	$\mathcal{O}(0; \{2^7, 3, 6^2, 8, 24\})$	24
24	$\mathcal{O}(0; \{2^3, 3^4, 6^2, 8, 24\})$	168
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^2, 8, 24\})$	96
24	$\mathcal{O}(0; \{3^4, 4^2, 6^2, 8, 24\})$	672
24	$\mathcal{O}(0; \{2, 3, 4^4, 6^2, 8, 24\})$	384
24	$\mathcal{O}(0; \{2^4, 3^2, 6^3, 8, 24\})$	88
24	$\mathcal{O}(0; \{3^5, 6^3, 8, 24\})$	680
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^3, 8, 24\})$	352
24	$\mathcal{O}(0; \{2^5, 6^4, 8, 24\})$	40
24	$\mathcal{O}(0; \{2, 3^3, 6^4, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^2, 4^2, 6^4, 8, 24\})$	160
24	$\mathcal{O}(0; \{2^2, 3, 6^5, 8, 24\})$	168
24	$\mathcal{O}(0; \{6^7, 8, 24\})$	344
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{3^5, 4, 8^3, 24\})$	2816
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 8^3, 24\})$	1024
24	$\mathcal{O}(0; \{2^5, 4, 6, 8^3, 24\})$	256
24	$\mathcal{O}(0; \{2, 3^3, 4, 6, 8^3, 24\})$	1280
24	$\mathcal{O}(0; \{2^2, 4^3, 6, 8^3, 24\})$	1024
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^2, 8^3, 24\})$	768
24	$\mathcal{O}(0; \{4, 6^4, 8^3, 24\})$	1280
24	$\mathcal{O}(0; \{2^2, 3^2, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{2^3, 6, 8^5, 24\})$	2048
24	$\mathcal{O}(0; \{4^2, 6, 8^5, 24\})$	8192
24	$\mathcal{O}(0; \{3, 6^2, 8^5, 24\})$	6144
24	$\mathcal{O}(0; \{2^7, 3, 4, 8, 12, 24\})$	32
24	$\mathcal{O}(0; \{2^3, 3^4, 4, 8, 12, 24\})$	352
24	$\mathcal{O}(0; \{2^4, 3, 4^3, 8, 12, 24\})$	128
24	$\mathcal{O}(0; \{3^4, 4^3, 8, 12, 24\})$	1408
24	$\mathcal{O}(0; \{2, 3, 4^5, 8, 12, 24\})$	512

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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	$\mathcal{O}(0; \{2^4, 3^2, 4, 6, 8, 12, 24\})$	160
24	$\mathcal{O}(0; \{3^5, 4, 6, 8, 12, 24\})$	1376
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 6, 8, 12, 24\})$	640
24	$\mathcal{O}(0; \{2^5, 4, 6^2, 8, 12, 24\})$	96
24	$\mathcal{O}(0; \{2, 3^3, 4, 6^2, 8, 12, 24\})$	672
24	$\mathcal{O}(0; \{2^2, 4^3, 6^2, 8, 12, 24\})$	384
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^3, 8, 12, 24\})$	352
24	$\mathcal{O}(0; \{4, 6^5, 8, 12, 24\})$	672
24	$\mathcal{O}(0; \{2^5, 3, 8^3, 12, 24\})$	256
24	$\mathcal{O}(0; \{2, 3^4, 8^3, 12, 24\})$	2816
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 8^3, 12, 24\})$	1024
24	$\mathcal{O}(0; \{2^2, 3^2, 6, 8^3, 12, 24\})$	1280
24	$\mathcal{O}(0; \{2^3, 6^2, 8^3, 12, 24\})$	768
24	$\mathcal{O}(0; \{4^2, 6^2, 8^3, 12, 24\})$	3072
24	$\mathcal{O}(0; \{3, 6^3, 8^3, 12, 24\})$	2816
24	$\mathcal{O}(0; \{3, 4, 8^5, 12, 24\})$	8192
24	$\mathcal{O}(0; \{2^8, 8, 12^2, 24\})$	32
24	$\mathcal{O}(0; \{2^4, 3^3, 8, 12^2, 24\})$	352
24	$\mathcal{O}(0; \{3^6, 8, 12^2, 24\})$	2720
24	$\mathcal{O}(0; \{2^5, 4^2, 8, 12^2, 24\})$	128
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 8, 12^2, 24\})$	1408
24	$\mathcal{O}(0; \{2^2, 4^4, 8, 12^2, 24\})$	512
24	$\mathcal{O}(0; \{2^5, 3, 6, 8, 12^2, 24\})$	160
24	$\mathcal{O}(0; \{2, 3^4, 6, 8, 12^2, 24\})$	1376
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 8, 12^2, 24\})$	640
24	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 8, 12^2, 24\})$	672
24	$\mathcal{O}(0; \{2^3, 6^3, 8, 12^2, 24\})$	352
24	$\mathcal{O}(0; \{4^2, 6^3, 8, 12^2, 24\})$	1408
24	$\mathcal{O}(0; \{3, 6^4, 8, 12^2, 24\})$	1376
24	$\mathcal{O}(0; \{2^3, 4, 8^3, 12^2, 24\})$	1024
24	$\mathcal{O}(0; \{4^3, 8^3, 12^2, 24\})$	4096
24	$\mathcal{O}(0; \{3, 4, 6, 8^3, 12^2, 24\})$	5120
24	$\mathcal{O}(0; \{2, 8^5, 12^2, 24\})$	8192
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 8, 12^3, 24\})$	1408
24	$\mathcal{O}(0; \{2^3, 4, 6, 8, 12^3, 24\})$	640
24	$\mathcal{O}(0; \{4^3, 6, 8, 12^3, 24\})$	2560
24	$\mathcal{O}(0; \{3, 4, 6^2, 8, 12^3, 24\})$	2688
24	$\mathcal{O}(0; \{3^2, 8^3, 12^3, 24\})$	11264
24	$\mathcal{O}(0; \{2, 6, 8^3, 12^3, 24\})$	5120
24	$\mathcal{O}(0; \{2^3, 3, 8, 12^4, 24\})$	1408
24	$\mathcal{O}(0; \{3, 4^2, 8, 12^4, 24\})$	5632
24	$\mathcal{O}(0; \{3^2, 6, 8, 12^4, 24\})$	5504
24	$\mathcal{O}(0; \{2, 6^2, 8, 12^4, 24\})$	2688

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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	$\mathcal{O}(0; \{2, 4, 8, 12^5, 24\})$	5632
24	$\mathcal{O}(0; \{2^{10}, 4, 24^2\})$	16
24	$\mathcal{O}(0; \{2^6, 3^3, 4, 24^2\})$	80
24	$\mathcal{O}(0; \{2^2, 3^6, 4, 24^2\})$	688
24	$\mathcal{O}(0; \{2^7, 4^3, 24^2\})$	64
24	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 24^2\})$	320
24	$\mathcal{O}(0; \{2^4, 4^5, 24^2\})$	256
24	$\mathcal{O}(0; \{3^3, 4^5, 24^2\})$	1280
24	$\mathcal{O}(0; \{2, 4^7, 24^2\})$	1024
24	$\mathcal{O}(0; \{2^7, 3, 4, 6, 24^2\})$	48
24	$\mathcal{O}(0; \{2^3, 3^4, 4, 6, 24^2\})$	336
24	$\mathcal{O}(0; \{2^4, 3, 4^3, 6, 24^2\})$	192
24	$\mathcal{O}(0; \{3^4, 4^3, 6, 24^2\})$	1344
24	$\mathcal{O}(0; \{2, 3, 4^5, 6, 24^2\})$	768
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^2, 24^2\})$	176
24	$\mathcal{O}(0; \{3^5, 4, 6^2, 24^2\})$	1360
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^2, 24^2\})$	704
24	$\mathcal{O}(0; \{2^5, 4, 6^3, 24^2\})$	80
24	$\mathcal{O}(0; \{2, 3^3, 4, 6^3, 24^2\})$	688
24	$\mathcal{O}(0; \{2^2, 4^3, 6^3, 24^2\})$	320
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^4, 24^2\})$	336
24	$\mathcal{O}(0; \{4, 6^6, 24^2\})$	688
24	$\mathcal{O}(0; \{2^8, 8^2, 24^2\})$	128
24	$\mathcal{O}(0; \{2^4, 3^3, 8^2, 24^2\})$	640
24	$\mathcal{O}(0; \{3^6, 8^2, 24^2\})$	5504
24	$\mathcal{O}(0; \{2^5, 4^2, 8^2, 24^2\})$	512
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 8^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^2, 4^4, 8^2, 24^2\})$	2048
24	$\mathcal{O}(0; \{2^5, 3, 6, 8^2, 24^2\})$	384
24	$\mathcal{O}(0; \{2, 3^4, 6, 8^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 8^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 8^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^3, 6^3, 8^2, 24^2\})$	640
24	$\mathcal{O}(0; \{4^2, 6^3, 8^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{3, 6^4, 8^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^3, 4, 8^4, 24^2\})$	4096
24	$\mathcal{O}(0; \{4^3, 8^4, 24^2\})$	16384
24	$\mathcal{O}(0; \{3, 4, 6, 8^4, 24^2\})$	12288
24	$\mathcal{O}(0; \{2, 8^6, 24^2\})$	32768
24	$\mathcal{O}(0; \{2^7, 3^2, 12, 24^2\})$	80
24	$\mathcal{O}(0; \{2^3, 3^5, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 12, 24^2\})$	320
24	$\mathcal{O}(0; \{3^5, 4^2, 12, 24^2\})$	2752

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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	$\mathcal{O}(0; \{2, 3^2, 4^4, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^8, 6, 12, 24^2\})$	48
24	$\mathcal{O}(0; \{2^4, 3^3, 6, 12, 24^2\})$	336
24	$\mathcal{O}(0; \{3^6, 6, 12, 24^2\})$	2736
24	$\mathcal{O}(0; \{2^5, 4^2, 6, 12, 24^2\})$	192
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 6, 12, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^2, 4^4, 6, 12, 24^2\})$	768
24	$\mathcal{O}(0; \{2^5, 3, 6^2, 12, 24^2\})$	176
24	$\mathcal{O}(0; \{2, 3^4, 6^2, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^2, 12, 24^2\})$	704
24	$\mathcal{O}(0; \{2^2, 3^2, 6^3, 12, 24^2\})$	688
24	$\mathcal{O}(0; \{2^3, 6^4, 12, 24^2\})$	336
24	$\mathcal{O}(0; \{4^2, 6^4, 12, 24^2\})$	1344
24	$\mathcal{O}(0; \{3, 6^5, 12, 24^2\})$	1360
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 8^2, 12, 24^2\})$	2560
24	$\mathcal{O}(0; \{2^3, 4, 6, 8^2, 12, 24^2\})$	1536
24	$\mathcal{O}(0; \{4^3, 6, 8^2, 12, 24^2\})$	6144
24	$\mathcal{O}(0; \{3, 4, 6^2, 8^2, 12, 24^2\})$	5632
24	$\mathcal{O}(0; \{3^2, 8^4, 12, 24^2\})$	20480
24	$\mathcal{O}(0; \{2, 6, 8^4, 12, 24^2\})$	12288
24	$\mathcal{O}(0; \{2^5, 3, 4, 12^2, 24^2\})$	320
24	$\mathcal{O}(0; \{2, 3^4, 4, 12^2, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 12^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 12^2, 24^2\})$	1344
24	$\mathcal{O}(0; \{2^3, 4, 6^2, 12^2, 24^2\})$	704
24	$\mathcal{O}(0; \{4^3, 6^2, 12^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{3, 4, 6^3, 12^2, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^3, 3, 8^2, 12^2, 24^2\})$	2560
24	$\mathcal{O}(0; \{3, 4^2, 8^2, 12^2, 24^2\})$	10240
24	$\mathcal{O}(0; \{3^2, 6, 8^2, 12^2, 24^2\})$	10752
24	$\mathcal{O}(0; \{2, 6^2, 8^2, 12^2, 24^2\})$	5632
24	$\mathcal{O}(0; \{2^6, 12^3, 24^2\})$	320
24	$\mathcal{O}(0; \{2^2, 3^3, 12^3, 24^2\})$	2752
24	$\mathcal{O}(0; \{2^3, 4^2, 12^3, 24^2\})$	1280
24	$\mathcal{O}(0; \{4^4, 12^3, 24^2\})$	5120
24	$\mathcal{O}(0; \{2^3, 3, 6, 12^3, 24^2\})$	1344
24	$\mathcal{O}(0; \{3, 4^2, 6, 12^3, 24^2\})$	5376
24	$\mathcal{O}(0; \{3^2, 6^2, 12^3, 24^2\})$	5440
24	$\mathcal{O}(0; \{2, 6^3, 12^3, 24^2\})$	2752
24	$\mathcal{O}(0; \{2, 4, 8^2, 12^3, 24^2\})$	10240
24	$\mathcal{O}(0; \{3^2, 4, 12^4, 24^2\})$	11008
24	$\mathcal{O}(0; \{2, 4, 6, 12^4, 24^2\})$	5376
24	$\mathcal{O}(0; \{2, 3, 12^5, 24^2\})$	11008

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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	$\mathcal{O}(0; \{2^5, 3, 4, 8, 24^3\})$	768
24	$\mathcal{O}(0; \{2, 3^4, 4, 8, 24^3\})$	5376
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 8, 24^3\})$	3072
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 8, 24^3\})$	2816
24	$\mathcal{O}(0; \{2^3, 4, 6^2, 8, 24^3\})$	1280
24	$\mathcal{O}(0; \{4^3, 6^2, 8, 24^3\})$	5120
24	$\mathcal{O}(0; \{3, 4, 6^3, 8, 24^3\})$	5376
24	$\mathcal{O}(0; \{2^3, 3, 8^3, 24^3\})$	6144
24	$\mathcal{O}(0; \{3, 4^2, 8^3, 24^3\})$	24576
24	$\mathcal{O}(0; \{3^2, 6, 8^3, 24^3\})$	22528
24	$\mathcal{O}(0; \{2, 6^2, 8^3, 24^3\})$	10240
24	$\mathcal{O}(0; \{2^6, 8, 12, 24^3\})$	768
24	$\mathcal{O}(0; \{2^2, 3^3, 8, 12, 24^3\})$	5376
24	$\mathcal{O}(0; \{2^3, 4^2, 8, 12, 24^3\})$	3072
24	$\mathcal{O}(0; \{4^4, 8, 12, 24^3\})$	12288
24	$\mathcal{O}(0; \{2^3, 3, 6, 8, 12, 24^3\})$	2816
24	$\mathcal{O}(0; \{3, 4^2, 6, 8, 12, 24^3\})$	11264
24	$\mathcal{O}(0; \{3^2, 6^2, 8, 12, 24^3\})$	11008
24	$\mathcal{O}(0; \{2, 6^3, 8, 12, 24^3\})$	5376
24	$\mathcal{O}(0; \{2, 4, 8^3, 12, 24^3\})$	24576
24	$\mathcal{O}(0; \{3^2, 4, 8, 12^2, 24^3\})$	21504
24	$\mathcal{O}(0; \{2, 4, 6, 8, 12^2, 24^3\})$	11264
24	$\mathcal{O}(0; \{2, 3, 8, 12^3, 24^3\})$	21504
24	$\mathcal{O}(0; \{2^5, 3^2, 24^4\})$	1408
24	$\mathcal{O}(0; \{2, 3^5, 24^4\})$	10880
24	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 24^4\})$	5632
24	$\mathcal{O}(0; \{2^6, 6, 24^4\})$	640
24	$\mathcal{O}(0; \{2^2, 3^3, 6, 24^4\})$	5504
24	$\mathcal{O}(0; \{2^3, 4^2, 6, 24^4\})$	2560
24	$\mathcal{O}(0; \{4^4, 6, 24^4\})$	10240
24	$\mathcal{O}(0; \{2^3, 3, 6^2, 24^4\})$	2688
24	$\mathcal{O}(0; \{3, 4^2, 6^2, 24^4\})$	10752
24	$\mathcal{O}(0; \{3^2, 6^3, 24^4\})$	10880
24	$\mathcal{O}(0; \{2, 6^4, 24^4\})$	5504
24	$\mathcal{O}(0; \{3^2, 4, 8^2, 24^4\})$	45056
24	$\mathcal{O}(0; \{2, 4, 6, 8^2, 24^4\})$	20480
24	$\mathcal{O}(0; \{2^3, 3, 4, 12, 24^4\})$	5632
24	$\mathcal{O}(0; \{3, 4^3, 12, 24^4\})$	22528
24	$\mathcal{O}(0; \{3^2, 4, 6, 12, 24^4\})$	22016
24	$\mathcal{O}(0; \{2, 4, 6^2, 12, 24^4\})$	10752
24	$\mathcal{O}(0; \{2, 3, 8^2, 12, 24^4\})$	45056
24	$\mathcal{O}(0; \{2^4, 12^2, 24^4\})$	5632
24	$\mathcal{O}(0; \{3^3, 12^2, 24^4\})$	43520

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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	$\mathcal{O}(0; \{2, 4^2, 12^2, 24^4\})$	22528
24	$\mathcal{O}(0; \{2, 3, 6, 12^2, 24^4\})$	22016
24	$\mathcal{O}(0; \{2^4, 8, 24^5\})$	10240
24	$\mathcal{O}(0; \{3^3, 8, 24^5\})$	88064
24	$\mathcal{O}(0; \{2, 4^2, 8, 24^5\})$	40960
24	$\mathcal{O}(0; \{2, 3, 6, 8, 24^5\})$	43008
24	$\mathcal{O}(0; \{2, 3, 4, 24^6\})$	86016
24	$\mathcal{O}(0; \{2^2, 12, 24^6\})$	86016
24	$\mathcal{O}(0; \{24^8\})$	1409024
25	$\mathcal{O}(1; \{5^2, 25^4\})$	65000000
26	$\mathcal{O}(1; \{2^3, 13^3, 26\})$	1078896
26	$\mathcal{O}(1; \{2, 13^2, 26^3\})$	12938640
26	$\mathcal{O}(0; \{2^7, 13^3, 26\})$	1596
26	$\mathcal{O}(0; \{2^5, 13^2, 26^3\})$	19140
26	$\mathcal{O}(0; \{2^3, 13, 26^5\})$	229692
26	$\mathcal{O}(0; \{2, 26^7\})$	2756292
27	$\mathcal{O}(1; \{3^2, 9^2, 27^2\})$	1889568
27	$\mathcal{O}(0; \{3^5, 9^2, 27^2\})$	20736
27	$\mathcal{O}(0; \{3, 9^5, 27^2\})$	279936
27	$\mathcal{O}(0; \{3^2, 9, 27^5\})$	1574640
28	$\mathcal{O}(2; \{2^2, 14^2\})$	3457440
28	$\mathcal{O}(2; \{14, 28^2\})$	36879360
28	$\mathcal{O}(1; \{2, 7^4, 14\})$	652680
28	$\mathcal{O}(1; \{2^6, 14^2\})$	3528
28	$\mathcal{O}(1; \{2^3, 4^2, 14^2\})$	9408
28	$\mathcal{O}(1; \{4^4, 14^2\})$	37632
28	$\mathcal{O}(1; \{2, 4, 7^2, 14, 28\})$	291648
28	$\mathcal{O}(1; \{2^4, 14, 28^2\})$	47040
28	$\mathcal{O}(1; \{2, 4^2, 14, 28^2\})$	188160
28	$\mathcal{O}(1; \{2^2, 28^4\})$	1166592
28	$\mathcal{O}(0; \{2^2, 4^2, 7^4, 14\})$	2220
28	$\mathcal{O}(0; \{2^7, 4^2, 14^2\})$	12
28	$\mathcal{O}(0; \{2^4, 4^4, 14^2\})$	48
28	$\mathcal{O}(0; \{2, 4^6, 14^2\})$	192
28	$\mathcal{O}(0; \{4^2, 7^3, 14^3\})$	13332
28	$\mathcal{O}(0; \{4, 7^6, 28\})$	79980
28	$\mathcal{O}(0; \{2^5, 4, 7^2, 14, 28\})$	372
28	$\mathcal{O}(0; \{2^2, 4^3, 7^2, 14, 28\})$	1488
28	$\mathcal{O}(0; \{2^3, 4, 7, 14^3, 28\})$	2220
28	$\mathcal{O}(0; \{4^3, 7, 14^3, 28\})$	8880
28	$\mathcal{O}(0; \{2, 4, 14^5, 28\})$	13332
28	$\mathcal{O}(0; \{2^3, 7^4, 28^2\})$	13332
28	$\mathcal{O}(0; \{4^2, 7^4, 28^2\})$	53328

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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	$\mathcal{O}(0; \{2^8, 14, 28^2\})$	60
28	$\mathcal{O}(0; \{2^5, 4^2, 14, 28^2\})$	240
28	$\mathcal{O}(0; \{2^2, 4^4, 14, 28^2\})$	960
28	$\mathcal{O}(0; \{2, 7^3, 14^2, 28^2\})$	79980
28	$\mathcal{O}(0; \{2^3, 4, 7^2, 28^3\})$	8880
28	$\mathcal{O}(0; \{4^3, 7^2, 28^3\})$	35520
28	$\mathcal{O}(0; \{2, 4, 7, 14^2, 28^3\})$	53328
28	$\mathcal{O}(0; \{2^6, 28^4\})$	1488
28	$\mathcal{O}(0; \{2^3, 4^2, 28^4\})$	5952
28	$\mathcal{O}(0; \{4^4, 28^4\})$	23808
30	$\mathcal{O}(2; \{3, 15^2\})$	6075000
30	$\mathcal{O}(2; \{3, 10, 30\})$	6480000
30	$\mathcal{O}(1; \{3^2, 5^4\})$	70200
30	$\mathcal{O}(1; \{2^3, 3^2, 5, 10\})$	7200
30	$\mathcal{O}(1; \{3^3, 5, 6, 10\})$	21600
30	$\mathcal{O}(1; \{2, 3, 5, 6^2, 10\})$	7200
30	$\mathcal{O}(1; \{2, 3^2, 10^3\})$	21600
30	$\mathcal{O}(1; \{3^3, 5^2, 15\})$	48600
30	$\mathcal{O}(1; \{2, 3, 5^2, 6, 15\})$	21600
30	$\mathcal{O}(1; \{2^4, 3, 15^2\})$	7200
30	$\mathcal{O}(1; \{3^4, 15^2\})$	59400
30	$\mathcal{O}(1; \{2, 3^2, 6, 15^2\})$	36000
30	$\mathcal{O}(1; \{2^2, 6^2, 15^2\})$	21600
30	$\mathcal{O}(1; \{6, 10, 15^3\})$	280800
30	$\mathcal{O}(1; \{5, 15^4\})$	826200
30	$\mathcal{O}(1; \{2, 3, 5^3, 30\})$	93600
30	$\mathcal{O}(1; \{2^4, 3, 10, 30\})$	7200
30	$\mathcal{O}(1; \{3^4, 10, 30\})$	36000
30	$\mathcal{O}(1; \{2, 3^2, 6, 10, 30\})$	21600
30	$\mathcal{O}(1; \{2^2, 6^2, 10, 30\})$	7200
30	$\mathcal{O}(1; \{2, 3^2, 5, 15, 30\})$	64800
30	$\mathcal{O}(1; \{2^2, 5, 6, 15, 30\})$	21600
30	$\mathcal{O}(1; \{6, 10^2, 15, 30\})$	93600
30	$\mathcal{O}(1; \{5, 10, 15^2, 30\})$	367200
30	$\mathcal{O}(1; \{2^2, 5^2, 30^2\})$	93600
30	$\mathcal{O}(1; \{5, 10^2, 30^2\})$	367200
30	$\mathcal{O}(1; \{2^2, 3, 15, 30^2\})$	64800
30	$\mathcal{O}(1; \{6^2, 15, 30^2\})$	108000
30	$\mathcal{O}(1; \{5, 6, 30^3\})$	280800
30	$\mathcal{O}(1; \{3, 30^4\})$	468000
30	$\mathcal{O}(0; \{2^4, 3^2, 5^4\})$	104
30	$\mathcal{O}(0; \{2, 3^3, 5^4, 6\})$	312
30	$\mathcal{O}(0; \{2^2, 3, 5^4, 6^2\})$	104

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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	$\mathcal{O}(0; \{5^4, 6^4\})$	312
30	$\mathcal{O}(0; \{2^7, 3^2, 5, 10\})$	8
30	$\mathcal{O}(0; \{2^3, 3^5, 5, 10\})$	40
30	$\mathcal{O}(0; \{2^4, 3^3, 5, 6, 10\})$	24
30	$\mathcal{O}(0; \{3^6, 5, 6, 10\})$	168
30	$\mathcal{O}(0; \{2^5, 3, 5, 6^2, 10\})$	8
30	$\mathcal{O}(0; \{2, 3^4, 5, 6^2, 10\})$	88
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 6^3, 10\})$	40
30	$\mathcal{O}(0; \{2^3, 5, 6^4, 10\})$	24
30	$\mathcal{O}(0; \{3, 5, 6^5, 10\})$	88
30	$\mathcal{O}(0; \{2^2, 3^2, 5^3, 10^2\})$	408
30	$\mathcal{O}(0; \{3, 5^3, 6^2, 10^2\})$	408
30	$\mathcal{O}(0; \{2^5, 3^2, 10^3\})$	24
30	$\mathcal{O}(0; \{2, 3^5, 10^3\})$	120
30	$\mathcal{O}(0; \{2^2, 3^3, 6, 10^3\})$	72
30	$\mathcal{O}(0; \{2^3, 3, 6^2, 10^3\})$	24
30	$\mathcal{O}(0; \{3^2, 6^3, 10^3\})$	120
30	$\mathcal{O}(0; \{2, 6^4, 10^3\})$	72
30	$\mathcal{O}(0; \{3^2, 5^2, 10^4\})$	1640
30	$\mathcal{O}(0; \{2^4, 3^3, 5^2, 15\})$	72
30	$\mathcal{O}(0; \{2^5, 3, 5^2, 6, 15\})$	24
30	$\mathcal{O}(0; \{2, 3^4, 5^2, 6, 15\})$	264
30	$\mathcal{O}(0; \{2^2, 3^2, 5^2, 6^2, 15\})$	120
30	$\mathcal{O}(0; \{2^3, 5^2, 6^3, 15\})$	72
30	$\mathcal{O}(0; \{3, 5^2, 6^4, 15\})$	264
30	$\mathcal{O}(0; \{3, 5^4, 6, 10, 15\})$	1640
30	$\mathcal{O}(0; \{2^2, 3^3, 5, 10^2, 15\})$	312
30	$\mathcal{O}(0; \{2^3, 3, 5, 6, 10^2, 15\})$	104
30	$\mathcal{O}(0; \{3^2, 5, 6^2, 10^2, 15\})$	520
30	$\mathcal{O}(0; \{2, 5, 6^3, 10^2, 15\})$	312
30	$\mathcal{O}(0; \{3^3, 10^4, 15\})$	1224
30	$\mathcal{O}(0; \{2, 3, 6, 10^4, 15\})$	408
30	$\mathcal{O}(0; \{2^8, 3, 15^2\})$	8
30	$\mathcal{O}(0; \{2^4, 3^4, 15^2\})$	88
30	$\mathcal{O}(0; \{2^5, 3^2, 6, 15^2\})$	40
30	$\mathcal{O}(0; \{2, 3^5, 6, 15^2\})$	344
30	$\mathcal{O}(0; \{2^6, 6^2, 15^2\})$	24
30	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 15^2\})$	168
30	$\mathcal{O}(0; \{2^3, 3, 6^3, 15^2\})$	88
30	$\mathcal{O}(0; \{3^2, 6^4, 15^2\})$	344
30	$\mathcal{O}(0; \{2, 6^5, 15^2\})$	168
30	$\mathcal{O}(0; \{2^3, 3, 5^2, 10, 15^2\})$	408
30	$\mathcal{O}(0; \{3^2, 5^2, 6, 10, 15^2\})$	2040

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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	$\mathcal{O}(0; \{2, 5^2, 6^2, 10, 15^2\})$	1224
30	$\mathcal{O}(0; \{2, 3, 5, 10^3, 15^2\})$	1640
30	$\mathcal{O}(0; \{2, 5^3, 6, 15^3\})$	4920
30	$\mathcal{O}(0; \{2^3, 3^2, 10, 15^3\})$	520
30	$\mathcal{O}(0; \{2^4, 6, 10, 15^3\})$	312
30	$\mathcal{O}(0; \{3^3, 6, 10, 15^3\})$	2184
30	$\mathcal{O}(0; \{2, 3, 6^2, 10, 15^3\})$	1144
30	$\mathcal{O}(0; \{2^4, 5, 15^4\})$	1224
30	$\mathcal{O}(0; \{2, 3, 5, 6, 15^4\})$	4488
30	$\mathcal{O}(0; \{2^2, 10^2, 15^4\})$	4920
30	$\mathcal{O}(0; \{2^5, 3, 5^3, 30\})$	104
30	$\mathcal{O}(0; \{2, 3^4, 5^3, 30\})$	520
30	$\mathcal{O}(0; \{2^2, 3^2, 5^3, 6, 30\})$	312
30	$\mathcal{O}(0; \{2^3, 5^3, 6^2, 30\})$	104
30	$\mathcal{O}(0; \{3, 5^3, 6^3, 30\})$	520
30	$\mathcal{O}(0; \{2^8, 3, 10, 30\})$	8
30	$\mathcal{O}(0; \{2^4, 3^4, 10, 30\})$	40
30	$\mathcal{O}(0; \{3^7, 10, 30\})$	344
30	$\mathcal{O}(0; \{3, 5^5, 10, 30\})$	6552
30	$\mathcal{O}(0; \{2^5, 3^2, 6, 10, 30\})$	24
30	$\mathcal{O}(0; \{2, 3^5, 6, 10, 30\})$	168
30	$\mathcal{O}(0; \{2^6, 6^2, 10, 30\})$	8
30	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 10, 30\})$	88
30	$\mathcal{O}(0; \{2^3, 3, 6^3, 10, 30\})$	40
30	$\mathcal{O}(0; \{3^2, 6^4, 10, 30\})$	168
30	$\mathcal{O}(0; \{2, 6^5, 10, 30\})$	88
30	$\mathcal{O}(0; \{2^3, 3, 5^2, 10^2, 30\})$	408
30	$\mathcal{O}(0; \{3^2, 5^2, 6, 10^2, 30\})$	1224
30	$\mathcal{O}(0; \{2, 5^2, 6^2, 10^2, 30\})$	408
30	$\mathcal{O}(0; \{2, 3, 5, 10^4, 30\})$	1640
30	$\mathcal{O}(0; \{2^5, 3^2, 5, 15, 30\})$	72
30	$\mathcal{O}(0; \{2, 3^5, 5, 15, 30\})$	504
30	$\mathcal{O}(0; \{2^6, 5, 6, 15, 30\})$	24
30	$\mathcal{O}(0; \{2^2, 3^3, 5, 6, 15, 30\})$	264
30	$\mathcal{O}(0; \{2^3, 3, 5, 6^2, 15, 30\})$	120
30	$\mathcal{O}(0; \{3^2, 5, 6^3, 15, 30\})$	504
30	$\mathcal{O}(0; \{2, 5, 6^4, 15, 30\})$	264
30	$\mathcal{O}(0; \{3^2, 5^3, 10, 15, 30\})$	4920
30	$\mathcal{O}(0; \{2, 5^3, 6, 10, 15, 30\})$	1640
30	$\mathcal{O}(0; \{2^3, 3^2, 10^2, 15, 30\})$	312
30	$\mathcal{O}(0; \{2^4, 6, 10^2, 15, 30\})$	104
30	$\mathcal{O}(0; \{3^3, 6, 10^2, 15, 30\})$	1144
30	$\mathcal{O}(0; \{2, 3, 6^2, 10^2, 15, 30\})$	520

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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	$\mathcal{O}(0; \{2, 5^4, 15^2, 30\})$	6552
30	$\mathcal{O}(0; \{2^4, 5, 10, 15^2, 30\})$	408
30	$\mathcal{O}(0; \{3^3, 5, 10, 15^2, 30\})$	4488
30	$\mathcal{O}(0; \{2, 3, 5, 6, 10, 15^2, 30\})$	2040
30	$\mathcal{O}(0; \{2^2, 10^3, 15^2, 30\})$	1640
30	$\mathcal{O}(0; \{2, 3, 5^2, 15^3, 30\})$	8200
30	$\mathcal{O}(0; \{2, 3^2, 15^4, 30\})$	8568
30	$\mathcal{O}(0; \{2^2, 6, 15^4, 30\})$	4488
30	$\mathcal{O}(0; \{10, 15^5, 30\})$	72072
30	$\mathcal{O}(0; \{2^6, 5^2, 30^2\})$	104
30	$\mathcal{O}(0; \{2^2, 3^3, 5^2, 30^2\})$	520
30	$\mathcal{O}(0; \{2^3, 3, 5^2, 6, 30^2\})$	312
30	$\mathcal{O}(0; \{3^2, 5^2, 6^2, 30^2\})$	1144
30	$\mathcal{O}(0; \{2, 5^2, 6^3, 30^2\})$	520
30	$\mathcal{O}(0; \{2, 5^4, 10, 30^2\})$	6552
30	$\mathcal{O}(0; \{2^4, 5, 10^2, 30^2\})$	408
30	$\mathcal{O}(0; \{3^3, 5, 10^2, 30^2\})$	2040
30	$\mathcal{O}(0; \{2, 3, 5, 6, 10^2, 30^2\})$	1224
30	$\mathcal{O}(0; \{2^2, 10^4, 30^2\})$	1640
30	$\mathcal{O}(0; \{2^6, 3, 15, 30^2\})$	72
30	$\mathcal{O}(0; \{2^2, 3^4, 15, 30^2\})$	504
30	$\mathcal{O}(0; \{2^3, 3^2, 6, 15, 30^2\})$	264
30	$\mathcal{O}(0; \{2^4, 6^2, 15, 30^2\})$	120
30	$\mathcal{O}(0; \{3^3, 6^2, 15, 30^2\})$	1032
30	$\mathcal{O}(0; \{2, 3, 6^3, 15, 30^2\})$	504
30	$\mathcal{O}(0; \{2, 3, 5^2, 10, 15, 30^2\})$	4920
30	$\mathcal{O}(0; \{2, 3^2, 10, 15^2, 30^2\})$	4488
30	$\mathcal{O}(0; \{2^2, 6, 10, 15^2, 30^2\})$	2040
30	$\mathcal{O}(0; \{2^2, 5, 15^3, 30^2\})$	8200
30	$\mathcal{O}(0; \{10^2, 15^3, 30^2\})$	32760
30	$\mathcal{O}(0; \{2^3, 3^2, 5, 30^3\})$	520
30	$\mathcal{O}(0; \{2^4, 5, 6, 30^3\})$	312
30	$\mathcal{O}(0; \{3^3, 5, 6, 30^3\})$	2184
30	$\mathcal{O}(0; \{2, 3, 5, 6^2, 30^3\})$	1144
30	$\mathcal{O}(0; \{2, 3^2, 10^2, 30^3\})$	2040
30	$\mathcal{O}(0; \{2^2, 6, 10^2, 30^3\})$	1224
30	$\mathcal{O}(0; \{2^2, 5, 10, 15, 30^3\})$	4920
30	$\mathcal{O}(0; \{10^3, 15, 30^3\})$	19656
30	$\mathcal{O}(0; \{6, 15^3, 30^3\})$	34440
30	$\mathcal{O}(0; \{2^4, 3, 30^4\})$	520
30	$\mathcal{O}(0; \{3^4, 30^4\})$	4472
30	$\mathcal{O}(0; \{2, 3^2, 6, 30^4\})$	2184
30	$\mathcal{O}(0; \{2^2, 6^2, 30^4\})$	1144

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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	$\mathcal{O}(0; \{6, 10, 15, 30^4\})$	18040
30	$\mathcal{O}(0; \{5, 15^2, 30^4\})$	72072
30	$\mathcal{O}(0; \{5, 10, 30^5\})$	32760
32	$\mathcal{O}(2; \{2, 8^2\})$	3932160
32	$\mathcal{O}(1; \{2^5, 8^2\})$	3072
32	$\mathcal{O}(1; \{2^2, 4^2, 8^2\})$	12288
32	$\mathcal{O}(1; \{4, 8^4\})$	98304
32	$\mathcal{O}(1; \{2^3, 8, 16^2\})$	24576
32	$\mathcal{O}(1; \{4^2, 8, 16^2\})$	98304
32	$\mathcal{O}(1; \{2, 16^4\})$	393216
32	$\mathcal{O}(1; \{2, 8, 16, 32^2\})$	524288
32	$\mathcal{O}(0; \{2^5, 8, 16, 32^2\})$	512
32	$\mathcal{O}(0; \{2^2, 4^2, 8, 16, 32^2\})$	2048
32	$\mathcal{O}(0; \{4, 8^3, 16, 32^2\})$	16384
32	$\mathcal{O}(0; \{2^3, 16^3, 32^2\})$	8192
32	$\mathcal{O}(0; \{4^2, 16^3, 32^2\})$	32768
32	$\mathcal{O}(0; \{2^3, 8, 32^4\})$	16384
32	$\mathcal{O}(0; \{4^2, 8, 32^4\})$	65536
32	$\mathcal{O}(0; \{2, 16^2, 32^4\})$	262144
33	$\mathcal{O}(1; \{3^2, 11^2, 33\})$	196020
33	$\mathcal{O}(0; \{3^5, 11^2, 33\})$	1980
33	$\mathcal{O}(0; \{3^2, 11, 33^4\})$	199980
34	$\mathcal{O}(3; \emptyset)$	1520666784
34	$\mathcal{O}(2; \{2^4\})$	1336320
34	$\mathcal{O}(1; \{2^8\})$	1152
35	$\mathcal{O}(1; \{35^4\})$	11848200
35	$\mathcal{O}(0; \{5^2, 7^5\})$	4440
35	$\mathcal{O}(0; \{5^4, 7^2, 35\})$	6120
36	$\mathcal{O}(2; \{9^2\})$	9447840
36	$\mathcal{O}(1; \{2^4, 9^2\})$	5832
36	$\mathcal{O}(1; \{3^3, 9^2\})$	46656
36	$\mathcal{O}(1; \{2, 4^2, 9^2\})$	15552
36	$\mathcal{O}(1; \{2, 3, 6, 9^2\})$	23328
36	$\mathcal{O}(1; \{2^2, 9, 18^2\})$	17496
36	$\mathcal{O}(1; \{18^4\})$	157464
36	$\mathcal{O}(1; \{2, 3, 4, 9, 36\})$	31104
36	$\mathcal{O}(1; \{2^2, 9, 12, 36\})$	31104
36	$\mathcal{O}(1; \{12, 18^2, 36\})$	93312
36	$\mathcal{O}(1; \{2, 3^2, 36^2\})$	62208
36	$\mathcal{O}(1; \{2^2, 6, 36^2\})$	31104
36	$\mathcal{O}(1; \{12^2, 36^2\})$	248832
36	$\mathcal{O}(1; \{9, 18, 36^2\})$	419904
36	$\mathcal{O}(0; \{2^5, 4^2, 9^2\})$	12

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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	$\mathcal{O}(0; \{2, 3^3, 4^2, 9^2\})$	96
36	$\mathcal{O}(0; \{2^2, 4^4, 9^2\})$	48
36	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 9^2\})$	48
36	$\mathcal{O}(0; \{4^2, 6^3, 9^2\})$	96
36	$\mathcal{O}(0; \{2^2, 3^2, 4, 9^2, 12\})$	96
36	$\mathcal{O}(0; \{2^3, 4, 6, 9^2, 12\})$	48
36	$\mathcal{O}(0; \{4^3, 6, 9^2, 12\})$	192
36	$\mathcal{O}(0; \{3, 4, 6^2, 9^2, 12\})$	192
36	$\mathcal{O}(0; \{2^3, 3, 9^2, 12^2\})$	96
36	$\mathcal{O}(0; \{3, 4^2, 9^2, 12^2\})$	384
36	$\mathcal{O}(0; \{3^2, 6, 9^2, 12^2\})$	384
36	$\mathcal{O}(0; \{2, 6^2, 9^2, 12^2\})$	192
36	$\mathcal{O}(0; \{2, 4, 9^2, 12^3\})$	384
36	$\mathcal{O}(0; \{3, 4^2, 9^3, 18\})$	648
36	$\mathcal{O}(0; \{2, 4, 9^3, 12, 18\})$	648
36	$\mathcal{O}(0; \{2^3, 4^2, 9, 18^2\})$	36
36	$\mathcal{O}(0; \{4^4, 9, 18^2\})$	144
36	$\mathcal{O}(0; \{3, 4^2, 6, 9, 18^2\})$	144
36	$\mathcal{O}(0; \{3^2, 4, 9, 12, 18^2\})$	288
36	$\mathcal{O}(0; \{2, 4, 6, 9, 12, 18^2\})$	144
36	$\mathcal{O}(0; \{2, 3, 9, 12^2, 18^2\})$	288
36	$\mathcal{O}(0; \{2, 4^2, 18^4\})$	324
36	$\mathcal{O}(0; \{2^5, 3, 4, 9, 36\})$	24
36	$\mathcal{O}(0; \{2, 3^4, 4, 9, 36\})$	192
36	$\mathcal{O}(0; \{2^2, 3, 4^3, 9, 36\})$	96
36	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 9, 36\})$	96
36	$\mathcal{O}(0; \{2^3, 4, 6^2, 9, 36\})$	48
36	$\mathcal{O}(0; \{4^3, 6^2, 9, 36\})$	192
36	$\mathcal{O}(0; \{3, 4, 6^3, 9, 36\})$	192
36	$\mathcal{O}(0; \{2, 4, 9^4, 36\})$	1620
36	$\mathcal{O}(0; \{2^6, 9, 12, 36\})$	24
36	$\mathcal{O}(0; \{2^2, 3^3, 9, 12, 36\})$	192
36	$\mathcal{O}(0; \{2^3, 4^2, 9, 12, 36\})$	96
36	$\mathcal{O}(0; \{4^4, 9, 12, 36\})$	384
36	$\mathcal{O}(0; \{2^3, 3, 6, 9, 12, 36\})$	96
36	$\mathcal{O}(0; \{3, 4^2, 6, 9, 12, 36\})$	384
36	$\mathcal{O}(0; \{3^2, 6^2, 9, 12, 36\})$	384
36	$\mathcal{O}(0; \{2, 6^3, 9, 12, 36\})$	192
36	$\mathcal{O}(0; \{3^2, 4, 9, 12^2, 36\})$	768
36	$\mathcal{O}(0; \{2, 4, 6, 9, 12^2, 36\})$	384
36	$\mathcal{O}(0; \{2, 3, 9, 12^3, 36\})$	768
36	$\mathcal{O}(0; \{3^2, 4, 9^2, 18, 36\})$	1296
36	$\mathcal{O}(0; \{2, 4, 6, 9^2, 18, 36\})$	648

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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	$\mathcal{O}(0; \{2, 3, 9^2, 12, 18, 36\})$	1296
36	$\mathcal{O}(0; \{2^3, 3, 4, 18^2, 36\})$	72
36	$\mathcal{O}(0; \{3, 4^3, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{3^2, 4, 6, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{2, 4, 6^2, 18^2, 36\})$	144
36	$\mathcal{O}(0; \{2^4, 12, 18^2, 36\})$	72
36	$\mathcal{O}(0; \{3^3, 12, 18^2, 36\})$	576
36	$\mathcal{O}(0; \{2, 4^2, 12, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{2, 3, 6, 12, 18^2, 36\})$	288
36	$\mathcal{O}(0; \{2^5, 3^2, 36^2\})$	48
36	$\mathcal{O}(0; \{2, 3^5, 36^2\})$	384
36	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 36^2\})$	192
36	$\mathcal{O}(0; \{2^6, 6, 36^2\})$	24
36	$\mathcal{O}(0; \{2^2, 3^3, 6, 36^2\})$	192
36	$\mathcal{O}(0; \{2^3, 4^2, 6, 36^2\})$	96
36	$\mathcal{O}(0; \{4^4, 6, 36^2\})$	384
36	$\mathcal{O}(0; \{2^3, 3, 6^2, 36^2\})$	96
36	$\mathcal{O}(0; \{3, 4^2, 6^2, 36^2\})$	384
36	$\mathcal{O}(0; \{3^2, 6^3, 36^2\})$	384
36	$\mathcal{O}(0; \{2, 6^4, 36^2\})$	192
36	$\mathcal{O}(0; \{2, 3, 9^3, 36^2\})$	3240
36	$\mathcal{O}(0; \{2^3, 3, 4, 12, 36^2\})$	192
36	$\mathcal{O}(0; \{3, 4^3, 12, 36^2\})$	768
36	$\mathcal{O}(0; \{3^2, 4, 6, 12, 36^2\})$	768
36	$\mathcal{O}(0; \{2, 4, 6^2, 12, 36^2\})$	384
36	$\mathcal{O}(0; \{2^4, 12^2, 36^2\})$	192
36	$\mathcal{O}(0; \{3^3, 12^2, 36^2\})$	1536
36	$\mathcal{O}(0; \{2, 4^2, 12^2, 36^2\})$	768
36	$\mathcal{O}(0; \{2, 3, 6, 12^2, 36^2\})$	768
36	$\mathcal{O}(0; \{2^4, 9, 18, 36^2\})$	324
36	$\mathcal{O}(0; \{3^3, 9, 18, 36^2\})$	2592
36	$\mathcal{O}(0; \{2, 4^2, 9, 18, 36^2\})$	1296
36	$\mathcal{O}(0; \{2, 3, 6, 9, 18, 36^2\})$	1296
36	$\mathcal{O}(0; \{2^2, 18^3, 36^2\})$	1620
36	$\mathcal{O}(0; \{2, 3, 4, 18, 36^3\})$	2592
36	$\mathcal{O}(0; \{2^2, 12, 18, 36^3\})$	2592
36	$\mathcal{O}(0; \{2^2, 9, 36^4\})$	6480
36	$\mathcal{O}(0; \{18^2, 36^4\})$	42768
36	$\mathcal{O}(0; \{12, 36^5\})$	51840
39	$\mathcal{O}(1; \{3, 13^2, 39\})$	401544
39	$\mathcal{O}(0; \{3^4, 13^2, 39\})$	1320
39	$\mathcal{O}(0; \{3, 13, 39^4\})$	191400
40	$\mathcal{O}(1; \{2^2, 5^3\})$	14400

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(1; \{5^2, 10^2\})$	62400
40	$\mathcal{O}(1; \{4, 5, 10, 20\})$	28800
40	$\mathcal{O}(1; \{2^3, 20^2\})$	9600
40	$\mathcal{O}(1; \{4^2, 20^2\})$	38400
40	$\mathcal{O}(1; \{4, 5, 8, 40\})$	51200
40	$\mathcal{O}(1; \{2, 20, 40^2\})$	153600
40	$\mathcal{O}(0; \{2, 4, 5^3, 8^2\})$	96
40	$\mathcal{O}(0; \{2^2, 5, 8^2, 10, 20\})$	96
40	$\mathcal{O}(0; \{8^2, 10^3, 20\})$	416
40	$\mathcal{O}(0; \{2^2, 4, 8^2, 20^2\})$	128
40	$\mathcal{O}(0; \{8^4, 20^2\})$	1024
40	$\mathcal{O}(0; \{5, 8^2, 20^3\})$	1664
40	$\mathcal{O}(0; \{2^4, 4, 5, 8, 40\})$	32
40	$\mathcal{O}(0; \{2, 4^3, 5, 8, 40\})$	128
40	$\mathcal{O}(0; \{2^2, 5, 8^3, 40\})$	256
40	$\mathcal{O}(0; \{2^2, 4, 8, 10^2, 40\})$	96
40	$\mathcal{O}(0; \{8^3, 10^2, 40\})$	768
40	$\mathcal{O}(0; \{2^2, 5^2, 8, 20, 40\})$	416
40	$\mathcal{O}(0; \{5, 8, 10^2, 20, 40\})$	1632
40	$\mathcal{O}(0; \{4, 8, 10, 20^2, 40\})$	1664
40	$\mathcal{O}(0; \{2^2, 4, 5, 10, 40^2\})$	416
40	$\mathcal{O}(0; \{5, 8^2, 10, 40^2\})$	3328
40	$\mathcal{O}(0; \{4, 10^3, 40^2\})$	1632
40	$\mathcal{O}(0; \{2^5, 20, 40^2\})$	96
40	$\mathcal{O}(0; \{2^2, 4^2, 20, 40^2\})$	384
40	$\mathcal{O}(0; \{4, 8^2, 20, 40^2\})$	3072
40	$\mathcal{O}(0; \{5^2, 10, 20, 40^2\})$	6560
40	$\mathcal{O}(0; \{4, 5, 20^2, 40^2\})$	6528
40	$\mathcal{O}(0; \{5^2, 8, 40^3\})$	13056
40	$\mathcal{O}(0; \{2^3, 40^4\})$	3328
40	$\mathcal{O}(0; \{4^2, 40^4\})$	13312
42	$\mathcal{O}(1; \{3^2, 21^2\})$	47628
42	$\mathcal{O}(1; \{2, 6, 21^2\})$	21168
42	$\mathcal{O}(1; \{3^2, 14, 42\})$	21168
42	$\mathcal{O}(1; \{2, 6, 14, 42\})$	21168
42	$\mathcal{O}(0; \{2, 3^2, 6, 7^3\})$	60
42	$\mathcal{O}(0; \{2^2, 6^2, 7^3\})$	60
42	$\mathcal{O}(0; \{6^2, 7^2, 14^2\})$	372
42	$\mathcal{O}(0; \{2, 3^3, 7, 14, 21\})$	180
42	$\mathcal{O}(0; \{2^2, 3, 6, 7, 14, 21\})$	60
42	$\mathcal{O}(0; \{6^3, 7, 14, 21\})$	180
42	$\mathcal{O}(0; \{3, 6, 14^3, 21\})$	372
42	$\mathcal{O}(0; \{2^4, 3^2, 21^2\})$	36

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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	$\mathcal{O}(0; \{2^5, 6, 21^2\})$	12
42	$\mathcal{O}(0; \{2, 3^3, 6, 21^2\})$	132
42	$\mathcal{O}(0; \{2^2, 3, 6^2, 21^2\})$	60
42	$\mathcal{O}(0; \{6^4, 21^2\})$	132
42	$\mathcal{O}(0; \{2, 14, 21^4\})$	6660
42	$\mathcal{O}(0; \{6, 7^4, 42\})$	2220
42	$\mathcal{O}(0; \{2^4, 3^2, 14, 42\})$	12
42	$\mathcal{O}(0; \{3^5, 14, 42\})$	132
42	$\mathcal{O}(0; \{2^5, 6, 14, 42\})$	12
42	$\mathcal{O}(0; \{2, 3^3, 6, 14, 42\})$	60
42	$\mathcal{O}(0; \{2^2, 3, 6^2, 14, 42\})$	36
42	$\mathcal{O}(0; \{6^4, 14, 42\})$	60
42	$\mathcal{O}(0; \{3, 7^2, 14, 21, 42\})$	2220
42	$\mathcal{O}(0; \{2^3, 7, 21^2, 42\})$	372
42	$\mathcal{O}(0; \{3, 6, 7, 21^2, 42\})$	1860
42	$\mathcal{O}(0; \{2, 14^2, 21^2, 42\})$	2220
42	$\mathcal{O}(0; \{2^3, 7, 14, 42^2\})$	372
42	$\mathcal{O}(0; \{3, 6, 7, 14, 42^2\})$	1116
42	$\mathcal{O}(0; \{2, 14^3, 42^2\})$	2220
42	$\mathcal{O}(0; \{2^2, 3^2, 21, 42^2\})$	300
42	$\mathcal{O}(0; \{2^3, 6, 21, 42^2\})$	180
42	$\mathcal{O}(0; \{3, 6^2, 21, 42^2\})$	660
42	$\mathcal{O}(0; \{2, 7, 21, 42^3\})$	6660
42	$\mathcal{O}(0; \{3^2, 42^4\})$	4092
42	$\mathcal{O}(0; \{2, 6, 42^4\})$	1860
44	$\mathcal{O}(0; \{2^3, 4, 11, 22, 44\})$	180
44	$\mathcal{O}(0; \{4^3, 11, 22, 44\})$	720
44	$\mathcal{O}(0; \{2, 4, 22^3, 44\})$	1820
44	$\mathcal{O}(0; \{2, 4, 11, 44^3\})$	7280
45	$\mathcal{O}(0; \{3, 5^2, 9^2, 45\})$	432
45	$\mathcal{O}(0; \{3^2, 9^2, 15, 45\})$	576
45	$\mathcal{O}(0; \{3, 5^3, 45^2\})$	2448
45	$\mathcal{O}(0; \{3^2, 5, 15, 45^2\})$	2496
46	$\mathcal{O}(1; \{2^2, 46^2\})$	46552
46	$\mathcal{O}(0; \{2^6, 46^2\})$	22
47	$\mathcal{O}(0; \{47^5\})$	4382190
48	$\mathcal{O}(1; \{3^2, 4^2\})$	6912
48	$\mathcal{O}(1; \{2, 3, 4, 12\})$	6912
48	$\mathcal{O}(1; \{2^2, 12^2\})$	6912
48	$\mathcal{O}(1; \{12, 24^2\})$	27648
48	$\mathcal{O}(1; \{12, 16, 48\})$	73728
48	$\mathcal{O}(1; \{8, 48^2\})$	147456
48	$\mathcal{O}(0; \{3^2, 4, 8, 16^2\})$	128

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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	$\mathcal{O}(0; \{2, 3, 8, 12, 16^2\})$	128
48	$\mathcal{O}(0; \{3^3, 16^2, 24\})$	192
48	$\mathcal{O}(0; \{2, 3, 6, 16^2, 24\})$	64
48	$\mathcal{O}(0; \{2^3, 3, 4, 16, 48\})$	32
48	$\mathcal{O}(0; \{3, 4^3, 16, 48\})$	128
48	$\mathcal{O}(0; \{3^2, 4, 6, 16, 48\})$	96
48	$\mathcal{O}(0; \{2, 4, 6^2, 16, 48\})$	32
48	$\mathcal{O}(0; \{2, 3, 8^2, 16, 48\})$	256
48	$\mathcal{O}(0; \{2^4, 12, 16, 48\})$	32
48	$\mathcal{O}(0; \{3^3, 12, 16, 48\})$	160
48	$\mathcal{O}(0; \{2, 4^2, 12, 16, 48\})$	128
48	$\mathcal{O}(0; \{2, 3, 6, 12, 16, 48\})$	96
48	$\mathcal{O}(0; \{2^2, 16, 24^2, 48\})$	256
48	$\mathcal{O}(0; \{2^4, 8, 48^2\})$	64
48	$\mathcal{O}(0; \{3^3, 8, 48^2\})$	320
48	$\mathcal{O}(0; \{2, 4^2, 8, 48^2\})$	256
48	$\mathcal{O}(0; \{2, 3, 6, 8, 48^2\})$	192
48	$\mathcal{O}(0; \{2^2, 16^2, 48^2\})$	1024
48	$\mathcal{O}(0; \{2, 3, 4, 24, 48^2\})$	384
48	$\mathcal{O}(0; \{2^2, 12, 24, 48^2\})$	384
48	$\mathcal{O}(0; \{24^3, 48^2\})$	5120
48	$\mathcal{O}(0; \{16, 24, 48^3\})$	12288
48	$\mathcal{O}(0; \{12, 48^4\})$	10240
49	$\mathcal{O}(0; \{7, 49^4\})$	382788
50	$\mathcal{O}(1; \{5, 25^2\})$	150000
50	$\mathcal{O}(0; \{2^4, 5, 25^2\})$	80
50	$\mathcal{O}(0; \{2^2, 10^2, 25^2\})$	320
50	$\mathcal{O}(0; \{2^2, 5, 25, 50^2\})$	1200
50	$\mathcal{O}(0; \{10^2, 25, 50^2\})$	4800
50	$\mathcal{O}(0; \{5, 50^4\})$	26000
51	$\mathcal{O}(1; \{3^4\})$	15552
52	$\mathcal{O}(0; \{2^2, 4, 13, 26, 52\})$	264
52	$\mathcal{O}(0; \{4, 26^3, 52\})$	3192
52	$\mathcal{O}(0; \{4, 13, 52^3\})$	12768
54	$\mathcal{O}(0; \{3, 18, 27^2, 54\})$	1944
54	$\mathcal{O}(0; \{2^2, 3, 9, 54^2\})$	216
54	$\mathcal{O}(0; \{6^2, 9, 54^2\})$	432
54	$\mathcal{O}(0; \{3, 18^2, 54^2\})$	1296
55	$\mathcal{O}(0; \{5^2, 11, 55^2\})$	4680
56	$\mathcal{O}(1; \{2, 28^2\})$	28224
56	$\mathcal{O}(0; \{7^2, 8^2, 28\})$	240
56	$\mathcal{O}(0; \{4, 8^2, 28^2\})$	192
56	$\mathcal{O}(0; \{7^3, 8, 56\})$	744

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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	$\mathcal{O}(0; \{4, 7, 8, 28, 56\})$	480
56	$\mathcal{O}(0; \{4, 7^2, 56^2\})$	1488
56	$\mathcal{O}(0; \{2^3, 28, 56^2\})$	240
56	$\mathcal{O}(0; \{4^2, 28, 56^2\})$	960
56	$\mathcal{O}(0; \{2, 56^4\})$	11904
60	$\mathcal{O}(0; \{5^2, 6, 12^2\})$	16
60	$\mathcal{O}(0; \{4^2, 10, 15^2\})$	48
60	$\mathcal{O}(0; \{4, 6^2, 10, 20\})$	16
60	$\mathcal{O}(0; \{3, 6, 10, 12, 20\})$	16
60	$\mathcal{O}(0; \{4, 5, 6, 15, 20\})$	48
60	$\mathcal{O}(0; \{3, 5, 12, 15, 20\})$	48
60	$\mathcal{O}(0; \{2, 15^2, 20^2\})$	208
60	$\mathcal{O}(0; \{4, 5, 6, 12, 30\})$	16
60	$\mathcal{O}(0; \{3, 5, 12^2, 30\})$	48
60	$\mathcal{O}(0; \{3, 4, 15, 20, 30\})$	48
60	$\mathcal{O}(0; \{2, 12, 15, 20, 30\})$	48
60	$\mathcal{O}(0; \{4^2, 6, 30^2\})$	16
60	$\mathcal{O}(0; \{3, 4, 12, 30^2\})$	48
60	$\mathcal{O}(0; \{2, 12^2, 30^2\})$	48
60	$\mathcal{O}(0; \{4, 5, 6, 10, 60\})$	48
60	$\mathcal{O}(0; \{3, 5, 10, 12, 60\})$	48
60	$\mathcal{O}(0; \{4, 5^2, 15, 60\})$	208
60	$\mathcal{O}(0; \{3, 4, 15^2, 60\})$	144
60	$\mathcal{O}(0; \{2, 12, 15^2, 60\})$	144
60	$\mathcal{O}(0; \{2^2, 3^2, 20, 60\})$	16
60	$\mathcal{O}(0; \{2^3, 6, 20, 60\})$	16
60	$\mathcal{O}(0; \{4^2, 6, 20, 60\})$	64
60	$\mathcal{O}(0; \{3, 6^2, 20, 60\})$	48
60	$\mathcal{O}(0; \{3, 4, 12, 20, 60\})$	64
60	$\mathcal{O}(0; \{2, 12^2, 20, 60\})$	64
60	$\mathcal{O}(0; \{2, 10, 15, 20, 60\})$	208
60	$\mathcal{O}(0; \{3, 4, 10, 30, 60\})$	48
60	$\mathcal{O}(0; \{2, 10, 12, 30, 60\})$	48
60	$\mathcal{O}(0; \{2^3, 5, 60^2\})$	48
60	$\mathcal{O}(0; \{4^2, 5, 60^2\})$	192
60	$\mathcal{O}(0; \{3, 5, 6, 60^2\})$	144
60	$\mathcal{O}(0; \{2, 10^2, 60^2\})$	208
60	$\mathcal{O}(0; \{3^2, 30, 60^2\})$	240
60	$\mathcal{O}(0; \{2, 6, 30, 60^2\})$	144
63	$\mathcal{O}(0; \{3, 7^2, 9^2\})$	72
63	$\mathcal{O}(0; \{3^2, 9, 21, 63\})$	288
63	$\mathcal{O}(0; \{3^2, 7, 63^2\})$	720
66	$\mathcal{O}(0; \{2, 3, 22, 33^2\})$	180

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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	$\mathcal{O}(0; \{2^3, 3, 11, 66\})$	20
66	$\mathcal{O}(0; \{3^2, 6, 11, 66\})$	60
66	$\mathcal{O}(0; \{2, 6^2, 11, 66\})$	20
66	$\mathcal{O}(0; \{2, 3, 22^2, 66\})$	180
68	$\mathcal{O}(2; \emptyset)$	20044800
68	$\mathcal{O}(1; \{2^4\})$	3456
68	$\mathcal{O}(1; \{2, 4^2\})$	9216
69	$\mathcal{O}(1; \{69^2\})$	209484
69	$\mathcal{O}(0; \{3^3, 69^2\})$	220
70	$\mathcal{O}(1; \{35^2\})$	88200
70	$\mathcal{O}(0; \{2^4, 35^2\})$	24
70	$\mathcal{O}(0; \{2, 5^2, 7, 70\})$	72
70	$\mathcal{O}(0; \{2^2, 35, 70^2\})$	360
70	$\mathcal{O}(0; \{70^4\})$	9672
72	$\mathcal{O}(1; \{18^2\})$	23328
72	$\mathcal{O}(0; \{2^2, 18, 24, 72\})$	48
72	$\mathcal{O}(0; \{24, 36^2, 72\})$	576
72	$\mathcal{O}(0; \{2, 3, 4, 72^2\})$	96
72	$\mathcal{O}(0; \{2^2, 12, 72^2\})$	96
72	$\mathcal{O}(0; \{24^2, 72^2\})$	1536
72	$\mathcal{O}(0; \{18, 36, 72^2\})$	1296
75	$\mathcal{O}(0; \{15^2, 25, 75\})$	640
78	$\mathcal{O}(0; \{6, 26, 39^2\})$	264
78	$\mathcal{O}(0; \{2, 3^2, 13, 78\})$	24
78	$\mathcal{O}(0; \{2^2, 6, 13, 78\})$	24
78	$\mathcal{O}(0; \{6, 26^2, 78\})$	264
80	$\mathcal{O}(0; \{8, 10, 16, 80\})$	128
80	$\mathcal{O}(0; \{5, 16, 40, 80\})$	384
80	$\mathcal{O}(0; \{4, 40, 80^2\})$	768
84	$\mathcal{O}(0; \{7, 12^2, 14\})$	24
84	$\mathcal{O}(0; \{4, 21^2, 28\})$	120
84	$\mathcal{O}(0; \{4, 12, 42^2\})$	24
84	$\mathcal{O}(0; \{7^2, 12, 84\})$	120
84	$\mathcal{O}(0; \{4, 14, 21, 84\})$	120
84	$\mathcal{O}(0; \{2^2, 3, 28, 84\})$	24
84	$\mathcal{O}(0; \{6^2, 28, 84\})$	24
84	$\mathcal{O}(0; \{4, 12, 28, 84\})$	96
84	$\mathcal{O}(0; \{3, 42, 84^2\})$	360
85	$\mathcal{O}(1; \{5^2\})$	28800
90	$\mathcal{O}(0; \{5, 6, 9, 90\})$	48
90	$\mathcal{O}(0; \{3, 9, 30, 90\})$	96
92	$\mathcal{O}(0; \{2^3, 92^2\})$	44
92	$\mathcal{O}(0; \{4^2, 92^2\})$	176

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
94	$\mathcal{O}(0; \{2, 47^2, 94\})$	2070
96	$\mathcal{O}(0; \{2, 24, 32, 96\})$	128
96	$\mathcal{O}(0; \{2, 16, 96^2\})$	256
98	$\mathcal{O}(0; \{2, 14, 49^2\})$	252
102	$\mathcal{O}(1; \{3^2\})$	15552
105	$\mathcal{O}(0; \{3^2, 35, 105\})$	48
110	$\mathcal{O}(0; \{2, 5, 22, 55\})$	40
120	$\mathcal{O}(0; \{2, 3, 40, 120\})$	32
136	$\mathcal{O}(1; \{2^2\})$	13824
138	$\mathcal{O}(0; \{2^2, 138^2\})$	44
139	$\mathcal{O}(0; \{139^3\})$	18906
140	$\mathcal{O}(0; \{70, 140^2\})$	720
141	$\mathcal{O}(0; \{47, 141^2\})$	4140
144	$\mathcal{O}(0; \{36, 48, 144\})$	192
144	$\mathcal{O}(0; \{24, 144^2\})$	384
147	$\mathcal{O}(0; \{21, 49, 147\})$	504
150	$\mathcal{O}(0; \{15, 50, 150\})$	160
156	$\mathcal{O}(0; \{12, 39, 52\})$	48
156	$\mathcal{O}(0; \{12, 26, 156\})$	48
161	$\mathcal{O}(0; \{7, 161^2\})$	660
168	$\mathcal{O}(0; \{7, 24, 168\})$	48
168	$\mathcal{O}(0; \{6, 56, 168\})$	48
184	$\mathcal{O}(0; \{4, 184^2\})$	176
188	$\mathcal{O}(0; \{4, 47, 188\})$	92
207	$\mathcal{O}(0; \{3, 207^2\})$	264
210	$\mathcal{O}(0; \{3, 70, 210\})$	48
276	$\mathcal{O}(0; \{2, 276^2\})$	88
278	$\mathcal{O}(0; \{2, 139, 278\})$	138

Table 10: 70-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(70; \emptyset)$	1
2	$\mathcal{O}(35; \{2^2\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^6\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{10}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{14}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{18}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{22}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{26}\})$	288230376151711744
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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	$\mathcal{O}(28; \{2^{30}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{34}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{38}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{42}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{46}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{50}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{54}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{58}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{62}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{66}\})$	274877906944
2	$\mathcal{O}(18; \{2^{70}\})$	68719476736
2	$\mathcal{O}(17; \{2^{74}\})$	17179869184
2	$\mathcal{O}(16; \{2^{78}\})$	4294967296
2	$\mathcal{O}(15; \{2^{82}\})$	1073741824
2	$\mathcal{O}(14; \{2^{86}\})$	268435456
2	$\mathcal{O}(13; \{2^{90}\})$	67108864
2	$\mathcal{O}(12; \{2^{94}\})$	16777216
2	$\mathcal{O}(11; \{2^{98}\})$	4194304
2	$\mathcal{O}(10; \{2^{102}\})$	1048576
2	$\mathcal{O}(9; \{2^{106}\})$	262144
2	$\mathcal{O}(8; \{2^{110}\})$	65536
2	$\mathcal{O}(7; \{2^{114}\})$	16384
2	$\mathcal{O}(6; \{2^{118}\})$	4096
2	$\mathcal{O}(5; \{2^{122}\})$	1024
2	$\mathcal{O}(4; \{2^{126}\})$	256
2	$\mathcal{O}(3; \{2^{130}\})$	64
2	$\mathcal{O}(2; \{2^{134}\})$	16
2	$\mathcal{O}(1; \{2^{138}\})$	4
2	$\mathcal{O}(0; \{2^{142}\})$	1
3	$\mathcal{O}(24; \emptyset)$	79766443076872509863360
3	$\mathcal{O}(23; \{3^3\})$	17725876239305002191858
3	$\mathcal{O}(22; \{3^6\})$	21664959848039447123382
3	$\mathcal{O}(21; \{3^9\})$	18601228152357101065530
3	$\mathcal{O}(20; \{3^{12}\})$	16607371017071764742166
3	$\mathcal{O}(19; \{3^{15}\})$	14754002460424419596058
3	$\mathcal{O}(18; \{3^{18}\})$	13115569421522377191222
3	$\mathcal{O}(17; \{3^{21}\})$	11658183867151915059450
3	$\mathcal{O}(16; \{3^{24}\})$	10362841222256168719446
3	$\mathcal{O}(15; \{3^{27}\})$	9211413184436468516058
3	$\mathcal{O}(14; \{3^{30}\})$	8187922967870948966262
3	$\mathcal{O}(13; \{3^{33}\})$	727815373396742633370
3	$\mathcal{O}(12; \{3^{36}\})$	6469469987443400626326
3	$\mathcal{O}(11; \{3^{39}\})$	5750639988650291976858

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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	$\mathcal{O}(10; \{3^{42}\})$	5111679989932291352502
3	$\mathcal{O}(9; \{3^{45}\})$	4543715546604156679290
3	$\mathcal{O}(8; \{3^{48}\})$	4038858263648397550806
3	$\mathcal{O}(7; \{3^{51}\})$	3590096234354102458458
3	$\mathcal{O}(6; \{3^{54}\})$	3191196652759205373942
3	$\mathcal{O}(5; \{3^{57}\})$	2836619246897071089210
3	$\mathcal{O}(4; \{3^{60}\})$	2521439330575174340886
3	$\mathcal{O}(3; \{3^{63}\})$	2241279404955710520858
3	$\mathcal{O}(2; \{3^{66}\})$	1992248359960631574582
3	$\mathcal{O}(1; \{3^{69}\})$	1770887431076116955130
3	$\mathcal{O}(0; \{3^{72}\})$	1574122160956548404566
4	$\mathcal{O}(17; \{2^2, 4^2\})$	590295810358705651712
4	$\mathcal{O}(16; \{2^6, 4^2\})$	36893488147419103232
4	$\mathcal{O}(16; \{2^3, 4^4\})$	147573952589676412928
4	$\mathcal{O}(16; \{4^6\})$	590295810358705651712
4	$\mathcal{O}(15; \{2^{10}, 4^2\})$	2305843009213693952
4	$\mathcal{O}(15; \{2^7, 4^4\})$	9223372036854775808
4	$\mathcal{O}(15; \{2^4, 4^6\})$	36893488147419103232
4	$\mathcal{O}(15; \{2, 4^8\})$	147573952589676412928
4	$\mathcal{O}(14; \{2^{14}, 4^2\})$	144115188075855872
4	$\mathcal{O}(14; \{2^{11}, 4^4\})$	576460752303423488
4	$\mathcal{O}(14; \{2^8, 4^6\})$	2305843009213693952
4	$\mathcal{O}(14; \{2^5, 4^8\})$	9223372036854775808
4	$\mathcal{O}(14; \{2^2, 4^{10}\})$	36893488147419103232
4	$\mathcal{O}(13; \{2^{18}, 4^2\})$	9007199254740992
4	$\mathcal{O}(13; \{2^{15}, 4^4\})$	36028797018963968
4	$\mathcal{O}(13; \{2^{12}, 4^6\})$	144115188075855872
4	$\mathcal{O}(13; \{2^9, 4^8\})$	576460752303423488
4	$\mathcal{O}(13; \{2^6, 4^{10}\})$	2305843009213693952
4	$\mathcal{O}(13; \{2^3, 4^{12}\})$	9223372036854775808
4	$\mathcal{O}(13; \{4^{14}\})$	36893488147419103232
4	$\mathcal{O}(12; \{2^{22}, 4^2\})$	562949953421312
4	$\mathcal{O}(12; \{2^{19}, 4^4\})$	2251799813685248
4	$\mathcal{O}(12; \{2^{16}, 4^6\})$	9007199254740992
4	$\mathcal{O}(12; \{2^{13}, 4^8\})$	36028797018963968
4	$\mathcal{O}(12; \{2^{10}, 4^{10}\})$	144115188075855872
4	$\mathcal{O}(12; \{2^7, 4^{12}\})$	576460752303423488
4	$\mathcal{O}(12; \{2^4, 4^{14}\})$	2305843009213693952
4	$\mathcal{O}(12; \{2, 4^{16}\})$	9223372036854775808
4	$\mathcal{O}(11; \{2^{26}, 4^2\})$	35184372088832
4	$\mathcal{O}(11; \{2^{23}, 4^4\})$	140737488355328
4	$\mathcal{O}(11; \{2^{20}, 4^6\})$	562949953421312
4	$\mathcal{O}(11; \{2^{17}, 4^8\})$	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	$\mathcal{O}(11; \{2^{14}, 4^{10}\})$	9007199254740992
4	$\mathcal{O}(11; \{2^{11}, 4^{12}\})$	36028797018963968
4	$\mathcal{O}(11; \{2^8, 4^{14}\})$	144115188075855872
4	$\mathcal{O}(11; \{2^5, 4^{16}\})$	576460752303423488
4	$\mathcal{O}(11; \{2^2, 4^{18}\})$	2305843009213693952
4	$\mathcal{O}(10; \{2^{30}, 4^2\})$	2199023255552
4	$\mathcal{O}(10; \{2^{27}, 4^4\})$	8796093022208
4	$\mathcal{O}(10; \{2^{24}, 4^6\})$	35184372088832
4	$\mathcal{O}(10; \{2^{21}, 4^8\})$	140737488355328
4	$\mathcal{O}(10; \{2^{18}, 4^{10}\})$	562949953421312
4	$\mathcal{O}(10; \{2^{15}, 4^{12}\})$	2251799813685248
4	$\mathcal{O}(10; \{2^{12}, 4^{14}\})$	9007199254740992
4	$\mathcal{O}(10; \{2^9, 4^{16}\})$	36028797018963968
4	$\mathcal{O}(10; \{2^6, 4^{18}\})$	144115188075855872
4	$\mathcal{O}(10; \{2^3, 4^{20}\})$	576460752303423488
4	$\mathcal{O}(10; \{4^{22}\})$	2305843009213693952
4	$\mathcal{O}(9; \{2^{34}, 4^2\})$	137438953472
4	$\mathcal{O}(9; \{2^{31}, 4^4\})$	549755813888
4	$\mathcal{O}(9; \{2^{28}, 4^6\})$	2199023255552
4	$\mathcal{O}(9; \{2^{25}, 4^8\})$	8796093022208
4	$\mathcal{O}(9; \{2^{22}, 4^{10}\})$	35184372088832
4	$\mathcal{O}(9; \{2^{19}, 4^{12}\})$	140737488355328
4	$\mathcal{O}(9; \{2^{16}, 4^{14}\})$	562949953421312
4	$\mathcal{O}(9; \{2^{13}, 4^{16}\})$	2251799813685248
4	$\mathcal{O}(9; \{2^{10}, 4^{18}\})$	9007199254740992
4	$\mathcal{O}(9; \{2^7, 4^{20}\})$	36028797018963968
4	$\mathcal{O}(9; \{2^4, 4^{22}\})$	144115188075855872
4	$\mathcal{O}(9; \{2, 4^{24}\})$	576460752303423488
4	$\mathcal{O}(8; \{2^{38}, 4^2\})$	8589934592
4	$\mathcal{O}(8; \{2^{35}, 4^4\})$	34359738368
4	$\mathcal{O}(8; \{2^{32}, 4^6\})$	137438953472
4	$\mathcal{O}(8; \{2^{29}, 4^8\})$	549755813888
4	$\mathcal{O}(8; \{2^{26}, 4^{10}\})$	2199023255552
4	$\mathcal{O}(8; \{2^{23}, 4^{12}\})$	8796093022208
4	$\mathcal{O}(8; \{2^{20}, 4^{14}\})$	35184372088832
4	$\mathcal{O}(8; \{2^{17}, 4^{16}\})$	140737488355328
4	$\mathcal{O}(8; \{2^{14}, 4^{18}\})$	562949953421312
4	$\mathcal{O}(8; \{2^{11}, 4^{20}\})$	2251799813685248
4	$\mathcal{O}(8; \{2^8, 4^{22}\})$	9007199254740992
4	$\mathcal{O}(8; \{2^5, 4^{24}\})$	36028797018963968
4	$\mathcal{O}(8; \{2^2, 4^{26}\})$	144115188075855872
4	$\mathcal{O}(7; \{2^{42}, 4^2\})$	536870912
4	$\mathcal{O}(7; \{2^{39}, 4^4\})$	2147483648

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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	$\mathcal{O}(7; \{2^{36}, 4^6\})$	8589934592
4	$\mathcal{O}(7; \{2^{33}, 4^8\})$	34359738368
4	$\mathcal{O}(7; \{2^{30}, 4^{10}\})$	137438953472
4	$\mathcal{O}(7; \{2^{27}, 4^{12}\})$	549755813888
4	$\mathcal{O}(7; \{2^{24}, 4^{14}\})$	2199023255552
4	$\mathcal{O}(7; \{2^{21}, 4^{16}\})$	8796093022208
4	$\mathcal{O}(7; \{2^{18}, 4^{18}\})$	35184372088832
4	$\mathcal{O}(7; \{2^{15}, 4^{20}\})$	140737488355328
4	$\mathcal{O}(7; \{2^{12}, 4^{22}\})$	562949953421312
4	$\mathcal{O}(7; \{2^9, 4^{24}\})$	2251799813685248
4	$\mathcal{O}(7; \{2^6, 4^{26}\})$	9007199254740992
4	$\mathcal{O}(7; \{2^3, 4^{28}\})$	36028797018963968
4	$\mathcal{O}(7; \{4^{30}\})$	144115188075855872
4	$\mathcal{O}(6; \{2^{46}, 4^2\})$	33554432
4	$\mathcal{O}(6; \{2^{43}, 4^4\})$	134217728
4	$\mathcal{O}(6; \{2^{40}, 4^6\})$	536870912
4	$\mathcal{O}(6; \{2^{37}, 4^8\})$	2147483648
4	$\mathcal{O}(6; \{2^{34}, 4^{10}\})$	8589934592
4	$\mathcal{O}(6; \{2^{31}, 4^{12}\})$	34359738368
4	$\mathcal{O}(6; \{2^{28}, 4^{14}\})$	137438953472
4	$\mathcal{O}(6; \{2^{25}, 4^{16}\})$	549755813888
4	$\mathcal{O}(6; \{2^{22}, 4^{18}\})$	2199023255552
4	$\mathcal{O}(6; \{2^{19}, 4^{20}\})$	8796093022208
4	$\mathcal{O}(6; \{2^{16}, 4^{22}\})$	35184372088832
4	$\mathcal{O}(6; \{2^{13}, 4^{24}\})$	140737488355328
4	$\mathcal{O}(6; \{2^{10}, 4^{26}\})$	562949953421312
4	$\mathcal{O}(6; \{2^7, 4^{28}\})$	2251799813685248
4	$\mathcal{O}(6; \{2^4, 4^{30}\})$	9007199254740992
4	$\mathcal{O}(6; \{2, 4^{32}\})$	36028797018963968
4	$\mathcal{O}(5; \{2^{50}, 4^2\})$	2097152
4	$\mathcal{O}(5; \{2^{47}, 4^4\})$	8388608
4	$\mathcal{O}(5; \{2^{44}, 4^6\})$	33554432
4	$\mathcal{O}(5; \{2^{41}, 4^8\})$	134217728
4	$\mathcal{O}(5; \{2^{38}, 4^{10}\})$	536870912
4	$\mathcal{O}(5; \{2^{35}, 4^{12}\})$	2147483648
4	$\mathcal{O}(5; \{2^{32}, 4^{14}\})$	8589934592
4	$\mathcal{O}(5; \{2^{29}, 4^{16}\})$	34359738368
4	$\mathcal{O}(5; \{2^{26}, 4^{18}\})$	137438953472
4	$\mathcal{O}(5; \{2^{23}, 4^{20}\})$	549755813888
4	$\mathcal{O}(5; \{2^{20}, 4^{22}\})$	2199023255552
4	$\mathcal{O}(5; \{2^{17}, 4^{24}\})$	8796093022208
4	$\mathcal{O}(5; \{2^{14}, 4^{26}\})$	35184372088832
4	$\mathcal{O}(5; \{2^{11}, 4^{28}\})$	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	$\mathcal{O}(5; \{2^8, 4^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{2^5, 4^{32}\})$	2251799813685248
4	$\mathcal{O}(5; \{2^2, 4^{34}\})$	9007199254740992
4	$\mathcal{O}(4; \{2^{54}, 4^2\})$	131072
4	$\mathcal{O}(4; \{2^{51}, 4^4\})$	524288
4	$\mathcal{O}(4; \{2^{48}, 4^6\})$	2097152
4	$\mathcal{O}(4; \{2^{45}, 4^8\})$	8388608
4	$\mathcal{O}(4; \{2^{42}, 4^{10}\})$	33554432
4	$\mathcal{O}(4; \{2^{39}, 4^{12}\})$	134217728
4	$\mathcal{O}(4; \{2^{36}, 4^{14}\})$	536870912
4	$\mathcal{O}(4; \{2^{33}, 4^{16}\})$	2147483648
4	$\mathcal{O}(4; \{2^{30}, 4^{18}\})$	8589934592
4	$\mathcal{O}(4; \{2^{27}, 4^{20}\})$	34359738368
4	$\mathcal{O}(4; \{2^{24}, 4^{22}\})$	137438953472
4	$\mathcal{O}(4; \{2^{21}, 4^{24}\})$	549755813888
4	$\mathcal{O}(4; \{2^{18}, 4^{26}\})$	2199023255552
4	$\mathcal{O}(4; \{2^{15}, 4^{28}\})$	8796093022208
4	$\mathcal{O}(4; \{2^{12}, 4^{30}\})$	35184372088832
4	$\mathcal{O}(4; \{2^9, 4^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{2^6, 4^{34}\})$	562949953421312
4	$\mathcal{O}(4; \{2^3, 4^{36}\})$	2251799813685248
4	$\mathcal{O}(4; \{4^{38}\})$	9007199254740992
4	$\mathcal{O}(3; \{2^{58}, 4^2\})$	8192
4	$\mathcal{O}(3; \{2^{55}, 4^4\})$	32768
4	$\mathcal{O}(3; \{2^{52}, 4^6\})$	131072
4	$\mathcal{O}(3; \{2^{49}, 4^8\})$	524288
4	$\mathcal{O}(3; \{2^{46}, 4^{10}\})$	2097152
4	$\mathcal{O}(3; \{2^{43}, 4^{12}\})$	8388608
4	$\mathcal{O}(3; \{2^{40}, 4^{14}\})$	33554432
4	$\mathcal{O}(3; \{2^{37}, 4^{16}\})$	134217728
4	$\mathcal{O}(3; \{2^{34}, 4^{18}\})$	536870912
4	$\mathcal{O}(3; \{2^{31}, 4^{20}\})$	2147483648
4	$\mathcal{O}(3; \{2^{28}, 4^{22}\})$	8589934592
4	$\mathcal{O}(3; \{2^{25}, 4^{24}\})$	34359738368
4	$\mathcal{O}(3; \{2^{22}, 4^{26}\})$	137438953472
4	$\mathcal{O}(3; \{2^{19}, 4^{28}\})$	549755813888
4	$\mathcal{O}(3; \{2^{16}, 4^{30}\})$	2199023255552
4	$\mathcal{O}(3; \{2^{13}, 4^{32}\})$	8796093022208
4	$\mathcal{O}(3; \{2^{10}, 4^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{2^7, 4^{36}\})$	140737488355328
4	$\mathcal{O}(3; \{2^4, 4^{38}\})$	562949953421312
4	$\mathcal{O}(3; \{2, 4^{40}\})$	2251799813685248
4	$\mathcal{O}(2; \{2^{62}, 4^2\})$	512

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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	$\mathcal{O}(2; \{2^{59}, 4^4\})$	2048
4	$\mathcal{O}(2; \{2^{56}, 4^6\})$	8192
4	$\mathcal{O}(2; \{2^{53}, 4^8\})$	32768
4	$\mathcal{O}(2; \{2^{50}, 4^{10}\})$	131072
4	$\mathcal{O}(2; \{2^{47}, 4^{12}\})$	524288
4	$\mathcal{O}(2; \{2^{44}, 4^{14}\})$	2097152
4	$\mathcal{O}(2; \{2^{41}, 4^{16}\})$	8388608
4	$\mathcal{O}(2; \{2^{38}, 4^{18}\})$	33554432
4	$\mathcal{O}(2; \{2^{35}, 4^{20}\})$	134217728
4	$\mathcal{O}(2; \{2^{32}, 4^{22}\})$	536870912
4	$\mathcal{O}(2; \{2^{29}, 4^{24}\})$	2147483648
4	$\mathcal{O}(2; \{2^{26}, 4^{26}\})$	8589934592
4	$\mathcal{O}(2; \{2^{23}, 4^{28}\})$	34359738368
4	$\mathcal{O}(2; \{2^{20}, 4^{30}\})$	137438953472
4	$\mathcal{O}(2; \{2^{17}, 4^{32}\})$	549755813888
4	$\mathcal{O}(2; \{2^{14}, 4^{34}\})$	2199023255552
4	$\mathcal{O}(2; \{2^{11}, 4^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{2^8, 4^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{2^5, 4^{40}\})$	140737488355328
4	$\mathcal{O}(2; \{2^2, 4^{42}\})$	562949953421312
4	$\mathcal{O}(1; \{2^{66}, 4^2\})$	32
4	$\mathcal{O}(1; \{2^{63}, 4^4\})$	128
4	$\mathcal{O}(1; \{2^{60}, 4^6\})$	512
4	$\mathcal{O}(1; \{2^{57}, 4^8\})$	2048
4	$\mathcal{O}(1; \{2^{54}, 4^{10}\})$	8192
4	$\mathcal{O}(1; \{2^{51}, 4^{12}\})$	32768
4	$\mathcal{O}(1; \{2^{48}, 4^{14}\})$	131072
4	$\mathcal{O}(1; \{2^{45}, 4^{16}\})$	524288
4	$\mathcal{O}(1; \{2^{42}, 4^{18}\})$	2097152
4	$\mathcal{O}(1; \{2^{39}, 4^{20}\})$	8388608
4	$\mathcal{O}(1; \{2^{36}, 4^{22}\})$	33554432
4	$\mathcal{O}(1; \{2^{33}, 4^{24}\})$	134217728
4	$\mathcal{O}(1; \{2^{30}, 4^{26}\})$	536870912
4	$\mathcal{O}(1; \{2^{27}, 4^{28}\})$	2147483648
4	$\mathcal{O}(1; \{2^{24}, 4^{30}\})$	8589934592
4	$\mathcal{O}(1; \{2^{21}, 4^{32}\})$	34359738368
4	$\mathcal{O}(1; \{2^{18}, 4^{34}\})$	137438953472
4	$\mathcal{O}(1; \{2^{15}, 4^{36}\})$	549755813888
4	$\mathcal{O}(1; \{2^{12}, 4^{38}\})$	2199023255552
4	$\mathcal{O}(1; \{2^9, 4^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{2^6, 4^{42}\})$	35184372088832
4	$\mathcal{O}(1; \{2^3, 4^{44}\})$	140737488355328
4	$\mathcal{O}(1; \{4^{46}\})$	562949953421312

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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	$\mathcal{O}(0; \{2^{70}, 4^{21}\})$	2
4	$\mathcal{O}(0; \{2^{67}, 4^4\})$	8
4	$\mathcal{O}(0; \{2^{64}, 4^6\})$	32
4	$\mathcal{O}(0; \{2^{61}, 4^8\})$	128
4	$\mathcal{O}(0; \{2^{58}, 4^{10}\})$	512
4	$\mathcal{O}(0; \{2^{55}, 4^{12}\})$	2048
4	$\mathcal{O}(0; \{2^{52}, 4^{14}\})$	8192
4	$\mathcal{O}(0; \{2^{49}, 4^{16}\})$	32768
4	$\mathcal{O}(0; \{2^{46}, 4^{18}\})$	131072
4	$\mathcal{O}(0; \{2^{43}, 4^{20}\})$	524288
4	$\mathcal{O}(0; \{2^{40}, 4^{22}\})$	2097152
4	$\mathcal{O}(0; \{2^{37}, 4^{24}\})$	8388608
4	$\mathcal{O}(0; \{2^{34}, 4^{26}\})$	33554432
4	$\mathcal{O}(0; \{2^{31}, 4^{28}\})$	134217728
4	$\mathcal{O}(0; \{2^{28}, 4^{30}\})$	536870912
4	$\mathcal{O}(0; \{2^{25}, 4^{32}\})$	2147483648
4	$\mathcal{O}(0; \{2^{22}, 4^{34}\})$	8589934592
4	$\mathcal{O}(0; \{2^{19}, 4^{36}\})$	34359738368
4	$\mathcal{O}(0; \{2^{16}, 4^{38}\})$	137438953472
4	$\mathcal{O}(0; \{2^{13}, 4^{40}\})$	549755813888
4	$\mathcal{O}(0; \{2^{10}, 4^{42}\})$	2199023255552
4	$\mathcal{O}(0; \{2^7, 4^{44}\})$	8796093022208
4	$\mathcal{O}(0; \{2^4, 4^{46}\})$	35184372088832
4	$\mathcal{O}(0; \{2, 4^{48}\})$	140737488355328
5	$\mathcal{O}(14; \{5^2\})$	149011611938476562500
5	$\mathcal{O}(12; \{5^7\})$	195264816284179687500
5	$\mathcal{O}(10; \{5^{12}\})$	320000076293945312500
5	$\mathcal{O}(8; \{5^{17}\})$	524287999877929687500
5	$\mathcal{O}(6; \{5^{22}\})$	858993459200195312500
5	$\mathcal{O}(4; \{5^{27}\})$	1407374883553279687500
5	$\mathcal{O}(2; \{5^{32}\})$	2305843009213693952500
5	$\mathcal{O}(0; \{5^{37}\})$	3777893186295716170956
6	$\mathcal{O}(12; \{2^2\})$	4738381338304839680
6	$\mathcal{O}(11; \{2^6\})$	131621703838072832
6	$\mathcal{O}(11; \{2^2, 3^3\})$	263243407684534272
6	$\mathcal{O}(11; \{2^3, 3, 6\})$	263243407684534272
6	$\mathcal{O}(11; \{3^2, 6^2\})$	789730223053602816
6	$\mathcal{O}(11; \{2, 6^3\})$	263243407684534272
6	$\mathcal{O}(10; \{2^{10}\})$	3656158439014400
6	$\mathcal{O}(10; \{2^6, 3^3\})$	7312316880125952
6	$\mathcal{O}(10; \{2^2, 3^6\})$	80435485681385472
6	$\mathcal{O}(10; \{2^7, 3, 6\})$	7312316880125952
6	$\mathcal{O}(10; \{2^3, 3^4, 6\})$	36561584400629760

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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	$\mathcal{O}(10; \{2^4, 3^2, 6^2\})$	21936950640377856
6	$\mathcal{O}(10; \{3^5, 6^2\})$	153558654482644992
6	$\mathcal{O}(10; \{2^5, 6^3\})$	7312316880125952
6	$\mathcal{O}(10; \{2, 3^3, 6^3\})$	80435485681385472
6	$\mathcal{O}(10; \{2^2, 3, 6^4\})$	36561584400629760
6	$\mathcal{O}(10; \{6^6\})$	80435485681385472
6	$\mathcal{O}(9; \{2^{14}\})$	101559956406272
6	$\mathcal{O}(9; \{2^{10}, 3^3\})$	203119913336832
6	$\mathcal{O}(9; \{2^6, 3^6\})$	2234319046705152
6	$\mathcal{O}(9; \{2^2, 3^9\})$	17265192633630720
6	$\mathcal{O}(9; \{2^{11}, 3, 6\})$	203119913336832
6	$\mathcal{O}(9; \{2^7, 3^4, 6\})$	1015599566684160
6	$\mathcal{O}(9; \{2^3, 3^7, 6\})$	8734156273483776
6	$\mathcal{O}(9; \{2^8, 3^2, 6^2\})$	609359740010496
6	$\mathcal{O}(9; \{2^4, 3^5, 6^2\})$	4265518180073472
6	$\mathcal{O}(9; \{3^8, 6^2\})$	34733505180598272
6	$\mathcal{O}(9; \{2^9, 6^3\})$	203119913336832
6	$\mathcal{O}(9; \{2^5, 3^3, 6^3\})$	2234319046705152
6	$\mathcal{O}(9; \{2, 3^6, 6^3\})$	17265192633630720
6	$\mathcal{O}(9; \{2^6, 3, 6^4\})$	1015599566684160
6	$\mathcal{O}(9; \{2^2, 3^4, 6^4\})$	8734156273483776
6	$\mathcal{O}(9; \{2^3, 3^2, 6^5\})$	4265518180073472
6	$\mathcal{O}(9; \{2^4, 6^6\})$	2234319046705152
6	$\mathcal{O}(9; \{3^3, 6^6\})$	17265192633630720
6	$\mathcal{O}(9; \{2, 3, 6^7\})$	8734156273483776
6	$\mathcal{O}(8; \{2^{18}\})$	2821109841920
6	$\mathcal{O}(8; \{2^{14}, 3^3\})$	5642219814912
6	$\mathcal{O}(8; \{2^{10}, 3^6\})$	62064417964032
6	$\mathcal{O}(8; \{2^6, 3^9\})$	479588684267520
6	$\mathcal{O}(8; \{2^2, 3^{12}\})$	3853636133584896
6	$\mathcal{O}(8; \{2^{15}, 3, 6\})$	5642219814912
6	$\mathcal{O}(8; \{2^{11}, 3^4, 6\})$	28211099074560
6	$\mathcal{O}(8; \{2^7, 3^7, 6\})$	242615452041216
6	$\mathcal{O}(8; \{2^3, 3^{10}, 6\})$	1923996956884992
6	$\mathcal{O}(8; \{2^{12}, 3^2, 6^2\})$	16926659444736
6	$\mathcal{O}(8; \{2^8, 3^5, 6^2\})$	118486616113152
6	$\mathcal{O}(8; \{2^4, 3^8, 6^2\})$	964819588349952
6	$\mathcal{O}(8; \{3^{11}, 6^2\})$	7701630047354880
6	$\mathcal{O}(8; \{2^{13}, 6^3\})$	5642219814912
6	$\mathcal{O}(8; \{2^9, 3^3, 6^3\})$	62064417964032
6	$\mathcal{O}(8; \{2^5, 3^6, 6^3\})$	479588684267520
6	$\mathcal{O}(8; \{2, 3^9, 6^3\})$	3853636133584896
6	$\mathcal{O}(8; \{2^{10}, 3, 6^4\})$	28211099074560

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{2^6, 3^4, 6^4\})$	242615452041216
6	$\mathcal{O}(8; \{2^2, 3^7, 6^4\})$	1923996956884992
6	$\mathcal{O}(8; \{2^7, 3^2, 6^5\})$	118486616113152
6	$\mathcal{O}(8; \{2^3, 3^5, 6^5\})$	964819588349952
6	$\mathcal{O}(8; \{2^8, 6^6\})$	62064417964032
6	$\mathcal{O}(8; \{2^4, 3^3, 6^6\})$	479588684267520
6	$\mathcal{O}(8; \{3^6, 6^6\})$	3853636133584896
6	$\mathcal{O}(8; \{2^5, 3, 6^7\})$	242615452041216
6	$\mathcal{O}(8; \{2, 3^4, 6^7\})$	1923996956884992
6	$\mathcal{O}(8; \{2^2, 3^2, 6^8\})$	964819588349952
6	$\mathcal{O}(8; \{2^3, 6^9\})$	479588684267520
6	$\mathcal{O}(8; \{3, 6^{10}\})$	1923996956884992
6	$\mathcal{O}(7; \{2^{22}\})$	78364147712
6	$\mathcal{O}(7; \{2^{18}, 3^3\})$	156728328192
6	$\mathcal{O}(7; \{2^{14}, 3^6\})$	1724011610112
6	$\mathcal{O}(7; \{2^{10}, 3^9\})$	13321907896320
6	$\mathcal{O}(7; \{2^6, 3^{12}\})$	107045448155136
6	$\mathcal{O}(7; \{2^2, 3^{15}\})$	855893400256512
6	$\mathcal{O}(7; \{2^{19}, 3, 6\})$	156728328192
6	$\mathcal{O}(7; \{2^{15}, 3^4, 6\})$	783641640960
6	$\mathcal{O}(7; \{2^{11}, 3^7, 6\})$	6739318112256
6	$\mathcal{O}(7; \{2^7, 3^{10}, 6\})$	53444359913472
6	$\mathcal{O}(7; \{2^3, 3^{13}, 6\})$	428025064292352
6	$\mathcal{O}(7; \{2^{16}, 3^2, 6^2\})$	470184984576
6	$\mathcal{O}(7; \{2^{12}, 3^5, 6^2\})$	3291294892032
6	$\mathcal{O}(7; \{2^8, 3^8, 6^2\})$	26800544120832
6	$\mathcal{O}(7; \{2^4, 3^{11}, 6^2\})$	213934167982080
6	$\mathcal{O}(7; \{3^{14}, 6^2\})$	1711943528841216
6	$\mathcal{O}(7; \{2^{17}, 6^3\})$	156728328192
6	$\mathcal{O}(7; \{2^{13}, 3^3, 6^3\})$	1724011610112
6	$\mathcal{O}(7; \{2^9, 3^6, 6^3\})$	13321907896320
6	$\mathcal{O}(7; \{2^5, 3^9, 6^3\})$	107045448155136
6	$\mathcal{O}(7; \{2, 3^{12}, 6^3\})$	855893400256512
6	$\mathcal{O}(7; \{2^{14}, 3, 6^4\})$	783641640960
6	$\mathcal{O}(7; \{2^{10}, 3^4, 6^4\})$	6739318112256
6	$\mathcal{O}(7; \{2^6, 3^7, 6^4\})$	53444359913472
6	$\mathcal{O}(7; \{2^2, 3^{10}, 6^4\})$	428025064292352
6	$\mathcal{O}(7; \{2^{11}, 3^2, 6^5\})$	3291294892032
6	$\mathcal{O}(7; \{2^7, 3^5, 6^5\})$	26800544120832
6	$\mathcal{O}(7; \{2^3, 3^8, 6^5\})$	213934167982080
6	$\mathcal{O}(7; \{2^{12}, 6^6\})$	1724011610112
6	$\mathcal{O}(7; \{2^8, 3^3, 6^6\})$	13321907896320
6	$\mathcal{O}(7; \{2^4, 3^6, 6^6\})$	107045448155136

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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	$\mathcal{O}(7; \{3^9, 6^6\})$	855893400256512
6	$\mathcal{O}(7; \{2^9, 3, 6^7\})$	6739318112256
6	$\mathcal{O}(7; \{2^5, 3^4, 6^7\})$	53444359913472
6	$\mathcal{O}(7; \{2, 3^7, 6^7\})$	428025064292352
6	$\mathcal{O}(7; \{2^6, 3^2, 6^8\})$	26800544120832
6	$\mathcal{O}(7; \{2^2, 3^5, 6^8\})$	213934167982080
6	$\mathcal{O}(7; \{2^7, 6^9\})$	13321907896320
6	$\mathcal{O}(7; \{2^3, 3^3, 6^9\})$	107045448155136
6	$\mathcal{O}(7; \{2^4, 3, 6^{10}\})$	53444359913472
6	$\mathcal{O}(7; \{3^4, 6^{10}\})$	428025064292352
6	$\mathcal{O}(7; \{2, 3^2, 6^{11}\})$	213934167982080
6	$\mathcal{O}(7; \{2^2, 6^{12}\})$	107045448155136
6	$\mathcal{O}(6; \{2^{26}\})$	2176778240
6	$\mathcal{O}(6; \{2^{22}, 3^3\})$	4353564672
6	$\mathcal{O}(6; \{2^{18}, 3^6\})$	47889211392
6	$\mathcal{O}(6; \{2^{14}, 3^9\})$	370052997120
6	$\mathcal{O}(6; \{2^{10}, 3^{12}\})$	2973484670976
6	$\mathcal{O}(6; \{2^6, 3^{15}\})$	23774816673792
6	$\mathcal{O}(6; \{2^2, 3^{18}\})$	190211594084352
6	$\mathcal{O}(6; \{2^{23}, 3, 6\})$	4353564672
6	$\mathcal{O}(6; \{2^{19}, 3^4, 6\})$	21767823360
6	$\mathcal{O}(6; \{2^{15}, 3^7, 6\})$	187203280896
6	$\mathcal{O}(6; \{2^{11}, 3^{10}, 6\})$	1484565553152
6	$\mathcal{O}(6; \{2^7, 3^{13}, 6\})$	11889585119232
6	$\mathcal{O}(6; \{2^3, 3^{16}, 6\})$	95103620259840
6	$\mathcal{O}(6; \{2^{20}, 3^2, 6^2\})$	13060694016
6	$\mathcal{O}(6; \{2^{16}, 3^5, 6^2\})$	91424858112
6	$\mathcal{O}(6; \{2^{12}, 3^8, 6^2\})$	744459558912
6	$\mathcal{O}(6; \{2^8, 3^{11}, 6^2\})$	5942615777280
6	$\mathcal{O}(6; \{2^4, 3^{14}, 6^2\})$	47553986912256
6	$\mathcal{O}(6; \{3^{17}, 6^2\})$	380418834604032
6	$\mathcal{O}(6; \{2^{21}, 6^3\})$	4353564672
6	$\mathcal{O}(6; \{2^{17}, 3^3, 6^3\})$	47889211392
6	$\mathcal{O}(6; \{2^{13}, 3^6, 6^3\})$	370052997120
6	$\mathcal{O}(6; \{2^9, 3^9, 6^3\})$	2973484670976
6	$\mathcal{O}(6; \{2^5, 3^{12}, 6^3\})$	23774816673792
6	$\mathcal{O}(6; \{2, 3^{15}, 6^3\})$	190211594084352
6	$\mathcal{O}(6; \{2^{18}, 3, 6^4\})$	21767823360
6	$\mathcal{O}(6; \{2^{14}, 3^4, 6^4\})$	187203280896
6	$\mathcal{O}(6; \{2^{10}, 3^7, 6^4\})$	1484565553152
6	$\mathcal{O}(6; \{2^6, 3^{10}, 6^4\})$	11889585119232
6	$\mathcal{O}(6; \{2^2, 3^{13}, 6^4\})$	95103620259840
6	$\mathcal{O}(6; \{2^{15}, 3^2, 6^5\})$	91424858112

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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	$\mathcal{O}(6; \{2^{11}, 3^5, 6^5\})$	744459558912
6	$\mathcal{O}(6; \{2^7, 3^8, 6^5\})$	5942615777280
6	$\mathcal{O}(6; \{2^3, 3^{11}, 6^5\})$	47553986912256
6	$\mathcal{O}(6; \{2^{16}, 6^6\})$	47889211392
6	$\mathcal{O}(6; \{2^{12}, 3^3, 6^6\})$	370052997120
6	$\mathcal{O}(6; \{2^8, 3^6, 6^6\})$	2973484670976
6	$\mathcal{O}(6; \{2^4, 3^9, 6^6\})$	23774816673792
6	$\mathcal{O}(6; \{3^{12}, 6^6\})$	190211594084352
6	$\mathcal{O}(6; \{2^{13}, 3, 6^7\})$	187203280896
6	$\mathcal{O}(6; \{2^9, 3^4, 6^7\})$	1484565553152
6	$\mathcal{O}(6; \{2^5, 3^7, 6^7\})$	11889585119232
6	$\mathcal{O}(6; \{2, 3^{10}, 6^7\})$	95103620259840
6	$\mathcal{O}(6; \{2^{10}, 3^2, 6^8\})$	744459558912
6	$\mathcal{O}(6; \{2^6, 3^5, 6^8\})$	5942615777280
6	$\mathcal{O}(6; \{2^2, 3^8, 6^8\})$	47553986912256
6	$\mathcal{O}(6; \{2^{11}, 6^9\})$	370052997120
6	$\mathcal{O}(6; \{2^7, 3^3, 6^9\})$	2973484670976
6	$\mathcal{O}(6; \{2^3, 3^6, 6^9\})$	23774816673792
6	$\mathcal{O}(6; \{2^8, 3, 6^{10}\})$	1484565553152
6	$\mathcal{O}(6; \{2^4, 3^4, 6^{10}\})$	11889585119232
6	$\mathcal{O}(6; \{3^7, 6^{10}\})$	95103620259840
6	$\mathcal{O}(6; \{2^5, 3^2, 6^{11}\})$	5942615777280
6	$\mathcal{O}(6; \{2, 3^5, 6^{11}\})$	47553986912256
6	$\mathcal{O}(6; \{2^6, 6^{12}\})$	2973484670976
6	$\mathcal{O}(6; \{2^2, 3^3, 6^{12}\})$	23774816673792
6	$\mathcal{O}(6; \{2^3, 3, 6^{13}\})$	11889585119232
6	$\mathcal{O}(6; \{3^2, 6^{14}\})$	47553986912256
6	$\mathcal{O}(6; \{2, 6^{15}\})$	23774816673792
6	$\mathcal{O}(5; \{2^{30}\})$	60465152
6	$\mathcal{O}(5; \{2^{26}, 3^3\})$	120932352
6	$\mathcal{O}(5; \{2^{22}, 3^6\})$	1330255872
6	$\mathcal{O}(5; \{2^{18}, 3^9\})$	10279249920
6	$\mathcal{O}(5; \{2^{14}, 3^{12}\})$	82596796416
6	$\mathcal{O}(5; \{2^{10}, 3^{15}\})$	660411574272
6	$\mathcal{O}(5; \{2^6, 3^{18}\})$	5283655391232
6	$\mathcal{O}(5; \{2^2, 3^{21}\})$	42268880332800
6	$\mathcal{O}(5; \{2^{27}, 3, 6\})$	120932352
6	$\mathcal{O}(5; \{2^{23}, 3^4, 6\})$	604661760
6	$\mathcal{O}(5; \{2^{19}, 3^7, 6\})$	5200091136
6	$\mathcal{O}(5; \{2^{15}, 3^{10}, 6\})$	41237932032
6	$\mathcal{O}(5; \{2^{11}, 3^{13}, 6\})$	330266253312
6	$\mathcal{O}(5; \{2^7, 3^{16}, 6\})$	2641767229440
6	$\mathcal{O}(5; \{2^3, 3^{19}, 6\})$	21134500632576

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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	$\mathcal{O}(5; \{2^{24}, 3^2, 6^2\})$	362797056
6	$\mathcal{O}(5; \{2^{20}, 3^5, 6^2\})$	2539579392
6	$\mathcal{O}(5; \{2^{16}, 3^8, 6^2\})$	20679432192
6	$\mathcal{O}(5; \{2^{12}, 3^{11}, 6^2\})$	165072660480
6	$\mathcal{O}(5; \{2^8, 3^{14}, 6^2\})$	1320944080896
6	$\mathcal{O}(5; \{2^4, 3^{17}, 6^2\})$	10567189850112
6	$\mathcal{O}(5; \{3^{20}, 6^2\})$	84537881597952
6	$\mathcal{O}(5; \{2^{25}, 6^3\})$	120932352
6	$\mathcal{O}(5; \{2^{21}, 3^3, 6^3\})$	1330255872
6	$\mathcal{O}(5; \{2^{17}, 3^6, 6^3\})$	10279249920
6	$\mathcal{O}(5; \{2^{13}, 3^9, 6^3\})$	82596796416
6	$\mathcal{O}(5; \{2^9, 3^{12}, 6^3\})$	660411574272
6	$\mathcal{O}(5; \{2^5, 3^{15}, 6^3\})$	5283655391232
6	$\mathcal{O}(5; \{2, 3^{18}, 6^3\})$	42268880332800
6	$\mathcal{O}(5; \{2^{22}, 3, 6^4\})$	604661760
6	$\mathcal{O}(5; \{2^{18}, 3^4, 6^4\})$	5200091136
6	$\mathcal{O}(5; \{2^{14}, 3^7, 6^4\})$	41237932032
6	$\mathcal{O}(5; \{2^{10}, 3^{10}, 6^4\})$	330266253312
6	$\mathcal{O}(5; \{2^6, 3^{13}, 6^4\})$	2641767229440
6	$\mathcal{O}(5; \{2^2, 3^{16}, 6^4\})$	21134500632576
6	$\mathcal{O}(5; \{2^{19}, 3^2, 6^5\})$	2539579392
6	$\mathcal{O}(5; \{2^{15}, 3^5, 6^5\})$	20679432192
6	$\mathcal{O}(5; \{2^{11}, 3^8, 6^5\})$	165072660480
6	$\mathcal{O}(5; \{2^7, 3^{11}, 6^5\})$	1320944080896
6	$\mathcal{O}(5; \{2^3, 3^{14}, 6^5\})$	10567189850112
6	$\mathcal{O}(5; \{2^{20}, 6^6\})$	1330255872
6	$\mathcal{O}(5; \{2^{16}, 3^3, 6^6\})$	10279249920
6	$\mathcal{O}(5; \{2^{12}, 3^6, 6^6\})$	82596796416
6	$\mathcal{O}(5; \{2^8, 3^9, 6^6\})$	660411574272
6	$\mathcal{O}(5; \{2^4, 3^{12}, 6^6\})$	5283655391232
6	$\mathcal{O}(5; \{3^{15}, 6^6\})$	42268880332800
6	$\mathcal{O}(5; \{2^{17}, 3, 6^7\})$	5200091136
6	$\mathcal{O}(5; \{2^{13}, 3^4, 6^7\})$	41237932032
6	$\mathcal{O}(5; \{2^9, 3^7, 6^7\})$	330266253312
6	$\mathcal{O}(5; \{2^5, 3^{10}, 6^7\})$	2641767229440
6	$\mathcal{O}(5; \{2, 3^{13}, 6^7\})$	21134500632576
6	$\mathcal{O}(5; \{2^{14}, 3^2, 6^8\})$	20679432192
6	$\mathcal{O}(5; \{2^{10}, 3^5, 6^8\})$	165072660480
6	$\mathcal{O}(5; \{2^6, 3^8, 6^8\})$	1320944080896
6	$\mathcal{O}(5; \{2^2, 3^{11}, 6^8\})$	10567189850112
6	$\mathcal{O}(5; \{2^{15}, 6^9\})$	10279249920
6	$\mathcal{O}(5; \{2^{11}, 3^3, 6^9\})$	82596796416
6	$\mathcal{O}(5; \{2^7, 3^6, 6^9\})$	660411574272

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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	$\mathcal{O}(5; \{2^3, 3^9, 6^9\})$	5283655391232
6	$\mathcal{O}(5; \{2^{12}, 3, 6^{10}\})$	41237932032
6	$\mathcal{O}(5; \{2^8, 3^4, 6^{10}\})$	330266253312
6	$\mathcal{O}(5; \{2^4, 3^7, 6^{10}\})$	2641767229440
6	$\mathcal{O}(5; \{3^{10}, 6^{10}\})$	21134500632576
6	$\mathcal{O}(5; \{2^9, 3^2, 6^{11}\})$	165072660480
6	$\mathcal{O}(5; \{2^5, 3^5, 6^{11}\})$	1320944080896
6	$\mathcal{O}(5; \{2, 3^8, 6^{11}\})$	10567189850112
6	$\mathcal{O}(5; \{2^{10}, 6^{12}\})$	82596796416
6	$\mathcal{O}(5; \{2^6, 3^3, 6^{12}\})$	660411574272
6	$\mathcal{O}(5; \{2^2, 3^6, 6^{12}\})$	5283655391232
6	$\mathcal{O}(5; \{2^7, 3, 6^{13}\})$	330266253312
6	$\mathcal{O}(5; \{2^3, 3^4, 6^{13}\})$	2641767229440
6	$\mathcal{O}(5; \{2^4, 3^2, 6^{14}\})$	1320944080896
6	$\mathcal{O}(5; \{3^5, 6^{14}\})$	10567189850112
6	$\mathcal{O}(5; \{2^5, 6^{15}\})$	660411574272
6	$\mathcal{O}(5; \{2, 3^3, 6^{15}\})$	5283655391232
6	$\mathcal{O}(5; \{2^2, 3, 6^{16}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{18}\})$	5283655391232
6	$\mathcal{O}(4; \{2^{34}\})$	1679360
6	$\mathcal{O}(4; \{2^{30}, 3^3\})$	3359232
6	$\mathcal{O}(4; \{2^{26}, 3^6\})$	36951552
6	$\mathcal{O}(4; \{2^{22}, 3^9\})$	285534720
6	$\mathcal{O}(4; \{2^{18}, 3^{12}\})$	2294355456
6	$\mathcal{O}(4; \{2^{14}, 3^{15}\})$	18344765952
6	$\mathcal{O}(4; \{2^{10}, 3^{18}\})$	146768205312
6	$\mathcal{O}(4; \{2^6, 3^{21}\})$	1174135564800
6	$\mathcal{O}(4; \{2^2, 3^{24}\})$	9393094596096
6	$\mathcal{O}(4; \{2^{31}, 3, 6\})$	3359232
6	$\mathcal{O}(4; \{2^{27}, 3^4, 6\})$	16796160
6	$\mathcal{O}(4; \{2^{23}, 3^7, 6\})$	144446976
6	$\mathcal{O}(4; \{2^{19}, 3^{10}, 6\})$	1145498112
6	$\mathcal{O}(4; \{2^{15}, 3^{13}, 6\})$	9174062592
6	$\mathcal{O}(4; \{2^{11}, 3^{16}, 6\})$	73382423040
6	$\mathcal{O}(4; \{2^7, 3^{19}, 6\})$	587069462016
6	$\mathcal{O}(4; \{2^3, 3^{22}, 6\})$	4696545618432
6	$\mathcal{O}(4; \{2^{28}, 3^2, 6^2\})$	10077696
6	$\mathcal{O}(4; \{2^{24}, 3^5, 6^2\})$	70543872
6	$\mathcal{O}(4; \{2^{20}, 3^8, 6^2\})$	574428672
6	$\mathcal{O}(4; \{2^{16}, 3^{11}, 6^2\})$	4585351680
6	$\mathcal{O}(4; \{2^{12}, 3^{14}, 6^2\})$	36692891136
6	$\mathcal{O}(4; \{2^8, 3^{17}, 6^2\})$	293533051392
6	$\mathcal{O}(4; \{2^4, 3^{20}, 6^2\})$	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	$\mathcal{O}(4; \{3^{23}, 6^2\})$	18786185832960
6	$\mathcal{O}(4; \{2^{29}, 6^3\})$	3359232
6	$\mathcal{O}(4; \{2^{25}, 3^3, 6^3\})$	36951552
6	$\mathcal{O}(4; \{2^{21}, 3^6, 6^3\})$	285534720
6	$\mathcal{O}(4; \{2^{17}, 3^9, 6^3\})$	2294355456
6	$\mathcal{O}(4; \{2^{13}, 3^{12}, 6^3\})$	18344765952
6	$\mathcal{O}(4; \{2^9, 3^{15}, 6^3\})$	146768205312
6	$\mathcal{O}(4; \{2^5, 3^{18}, 6^3\})$	1174135564800
6	$\mathcal{O}(4; \{2, 3^{21}, 6^3\})$	9393094596096
6	$\mathcal{O}(4; \{2^{26}, 3, 6^4\})$	16796160
6	$\mathcal{O}(4; \{2^{22}, 3^4, 6^4\})$	144446976
6	$\mathcal{O}(4; \{2^{18}, 3^7, 6^4\})$	1145498112
6	$\mathcal{O}(4; \{2^{14}, 3^{10}, 6^4\})$	9174062592
6	$\mathcal{O}(4; \{2^{10}, 3^{13}, 6^4\})$	73382423040
6	$\mathcal{O}(4; \{2^6, 3^{16}, 6^4\})$	587069462016
6	$\mathcal{O}(4; \{2^2, 3^{19}, 6^4\})$	4696545618432
6	$\mathcal{O}(4; \{2^{23}, 3^2, 6^5\})$	70543872
6	$\mathcal{O}(4; \{2^{19}, 3^5, 6^5\})$	574428672
6	$\mathcal{O}(4; \{2^{15}, 3^8, 6^5\})$	4585351680
6	$\mathcal{O}(4; \{2^{11}, 3^{11}, 6^5\})$	36692891136
6	$\mathcal{O}(4; \{2^7, 3^{14}, 6^5\})$	293533051392
6	$\mathcal{O}(4; \{2^3, 3^{17}, 6^5\})$	2348274488832
6	$\mathcal{O}(4; \{2^{24}, 6^6\})$	36951552
6	$\mathcal{O}(4; \{2^{20}, 3^3, 6^6\})$	285534720
6	$\mathcal{O}(4; \{2^{16}, 3^6, 6^6\})$	2294355456
6	$\mathcal{O}(4; \{2^{12}, 3^9, 6^6\})$	18344765952
6	$\mathcal{O}(4; \{2^8, 3^{12}, 6^6\})$	146768205312
6	$\mathcal{O}(4; \{2^4, 3^{15}, 6^6\})$	1174135564800
6	$\mathcal{O}(4; \{3^{18}, 6^6\})$	9393094596096
6	$\mathcal{O}(4; \{2^{21}, 3, 6^7\})$	144446976
6	$\mathcal{O}(4; \{2^{17}, 3^4, 6^7\})$	1145498112
6	$\mathcal{O}(4; \{2^{13}, 3^7, 6^7\})$	9174062592
6	$\mathcal{O}(4; \{2^9, 3^{10}, 6^7\})$	73382423040
6	$\mathcal{O}(4; \{2^5, 3^{13}, 6^7\})$	587069462016
6	$\mathcal{O}(4; \{2, 3^{16}, 6^7\})$	4696545618432
6	$\mathcal{O}(4; \{2^{18}, 3^2, 6^8\})$	574428672
6	$\mathcal{O}(4; \{2^{14}, 3^5, 6^8\})$	4585351680
6	$\mathcal{O}(4; \{2^{10}, 3^8, 6^8\})$	36692891136
6	$\mathcal{O}(4; \{2^6, 3^{11}, 6^8\})$	293533051392
6	$\mathcal{O}(4; \{2^2, 3^{14}, 6^8\})$	2348274488832
6	$\mathcal{O}(4; \{2^{19}, 6^9\})$	285534720
6	$\mathcal{O}(4; \{2^{15}, 3^3, 6^9\})$	2294355456
6	$\mathcal{O}(4; \{2^{11}, 3^6, 6^9\})$	18344765952

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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	$\mathcal{O}(4; \{2^7, 3^9, 6^9\})$	146768205312
6	$\mathcal{O}(4; \{2^3, 3^{12}, 6^9\})$	1174135564800
6	$\mathcal{O}(4; \{2^{16}, 3, 6^{10}\})$	1145498112
6	$\mathcal{O}(4; \{2^{12}, 3^4, 6^{10}\})$	9174062592
6	$\mathcal{O}(4; \{2^8, 3^7, 6^{10}\})$	73382423040
6	$\mathcal{O}(4; \{2^4, 3^{10}, 6^{10}\})$	587069462016
6	$\mathcal{O}(4; \{3^{13}, 6^{10}\})$	4696545618432
6	$\mathcal{O}(4; \{2^{13}, 3^2, 6^{11}\})$	4585351680
6	$\mathcal{O}(4; \{2^9, 3^5, 6^{11}\})$	36692891136
6	$\mathcal{O}(4; \{2^5, 3^8, 6^{11}\})$	293533051392
6	$\mathcal{O}(4; \{2, 3^{11}, 6^{11}\})$	2348274488832
6	$\mathcal{O}(4; \{2^{14}, 6^{12}\})$	2294355456
6	$\mathcal{O}(4; \{2^{10}, 3^3, 6^{12}\})$	18344765952
6	$\mathcal{O}(4; \{2^6, 3^6, 6^{12}\})$	146768205312
6	$\mathcal{O}(4; \{2^2, 3^9, 6^{12}\})$	1174135564800
6	$\mathcal{O}(4; \{2^{11}, 3, 6^{13}\})$	9174062592
6	$\mathcal{O}(4; \{2^7, 3^4, 6^{13}\})$	73382423040
6	$\mathcal{O}(4; \{2^3, 3^7, 6^{13}\})$	587069462016
6	$\mathcal{O}(4; \{2^8, 3^2, 6^{14}\})$	36692891136
6	$\mathcal{O}(4; \{2^4, 3^5, 6^{14}\})$	293533051392
6	$\mathcal{O}(4; \{3^8, 6^{14}\})$	2348274488832
6	$\mathcal{O}(4; \{2^9, 6^{15}\})$	18344765952
6	$\mathcal{O}(4; \{2^5, 3^3, 6^{15}\})$	146768205312
6	$\mathcal{O}(4; \{2, 3^6, 6^{15}\})$	1174135564800
6	$\mathcal{O}(4; \{2^6, 3, 6^{16}\})$	73382423040
6	$\mathcal{O}(4; \{2^2, 3^4, 6^{16}\})$	587069462016
6	$\mathcal{O}(4; \{2^3, 3^2, 6^{17}\})$	293533051392
6	$\mathcal{O}(4; \{2^4, 6^{18}\})$	146768205312
6	$\mathcal{O}(4; \{3^3, 6^{18}\})$	1174135564800
6	$\mathcal{O}(4; \{2, 3, 6^{19}\})$	587069462016
6	$\mathcal{O}(3; \{2^{38}\})$	46592
6	$\mathcal{O}(3; \{2^{34}, 3^3\})$	93312
6	$\mathcal{O}(3; \{2^{30}, 3^6\})$	1026432
6	$\mathcal{O}(3; \{2^{26}, 3^9\})$	7931520
6	$\mathcal{O}(3; \{2^{22}, 3^{12}\})$	63732096
6	$\mathcal{O}(3; \{2^{18}, 3^{15}\})$	509576832
6	$\mathcal{O}(3; \{2^{14}, 3^{18}\})$	4076894592
6	$\mathcal{O}(3; \{2^{10}, 3^{21}\})$	32614876800
6	$\mathcal{O}(3; \{2^6, 3^{24}\})$	260919294336
6	$\mathcal{O}(3; \{2^2, 3^{27}\})$	2087354074752
6	$\mathcal{O}(3; \{2^{35}, 3, 6\})$	93312
6	$\mathcal{O}(3; \{2^{31}, 3^4, 6\})$	466560
6	$\mathcal{O}(3; \{2^{27}, 3^7, 6\})$	4012416

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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	$\mathcal{O}(3; \{2^{23}, 3^{10}, 6\})$	31819392
6	$\mathcal{O}(3; \{2^{19}, 3^{13}, 6\})$	254835072
6	$\mathcal{O}(3; \{2^{15}, 3^{16}, 6\})$	2038400640
6	$\mathcal{O}(3; \{2^{11}, 3^{19}, 6\})$	16307485056
6	$\mathcal{O}(3; \{2^7, 3^{22}, 6\})$	130459600512
6	$\mathcal{O}(3; \{2^3, 3^{25}, 6\})$	1043677084032
6	$\mathcal{O}(3; \{2^{32}, 3^2, 6^2\})$	279936
6	$\mathcal{O}(3; \{2^{28}, 3^5, 6^2\})$	1959552
6	$\mathcal{O}(3; \{2^{24}, 3^8, 6^2\})$	15956352
6	$\mathcal{O}(3; \{2^{20}, 3^{11}, 6^2\})$	127370880
6	$\mathcal{O}(3; \{2^{16}, 3^{14}, 6^2\})$	1019246976
6	$\mathcal{O}(3; \{2^{12}, 3^{17}, 6^2\})$	8153695872
6	$\mathcal{O}(3; \{2^8, 3^{20}, 6^2\})$	65229846912
6	$\mathcal{O}(3; \{2^4, 3^{23}, 6^2\})$	521838495360
6	$\mathcal{O}(3; \{3^{26}, 6^2\})$	4174708242816
6	$\mathcal{O}(3; \{2^{33}, 6^3\})$	93312
6	$\mathcal{O}(3; \{2^{29}, 3^3, 6^3\})$	1026432
6	$\mathcal{O}(3; \{2^{25}, 3^6, 6^3\})$	7931520
6	$\mathcal{O}(3; \{2^{21}, 3^9, 6^3\})$	63732096
6	$\mathcal{O}(3; \{2^{17}, 3^{12}, 6^3\})$	509576832
6	$\mathcal{O}(3; \{2^{13}, 3^{15}, 6^3\})$	4076894592
6	$\mathcal{O}(3; \{2^9, 3^{18}, 6^3\})$	32614876800
6	$\mathcal{O}(3; \{2^5, 3^{21}, 6^3\})$	260919294336
6	$\mathcal{O}(3; \{2, 3^{24}, 6^3\})$	2087354074752
6	$\mathcal{O}(3; \{2^{30}, 3, 6^4\})$	466560
6	$\mathcal{O}(3; \{2^{26}, 3^4, 6^4\})$	4012416
6	$\mathcal{O}(3; \{2^{22}, 3^7, 6^4\})$	31819392
6	$\mathcal{O}(3; \{2^{18}, 3^{10}, 6^4\})$	254835072
6	$\mathcal{O}(3; \{2^{14}, 3^{13}, 6^4\})$	2038400640
6	$\mathcal{O}(3; \{2^{10}, 3^{16}, 6^4\})$	16307485056
6	$\mathcal{O}(3; \{2^6, 3^{19}, 6^4\})$	130459600512
6	$\mathcal{O}(3; \{2^2, 3^{22}, 6^4\})$	1043677084032
6	$\mathcal{O}(3; \{2^{27}, 3^2, 6^5\})$	1959552
6	$\mathcal{O}(3; \{2^{23}, 3^5, 6^5\})$	15956352
6	$\mathcal{O}(3; \{2^{19}, 3^8, 6^5\})$	127370880
6	$\mathcal{O}(3; \{2^{15}, 3^{11}, 6^5\})$	1019246976
6	$\mathcal{O}(3; \{2^{11}, 3^{14}, 6^5\})$	8153695872
6	$\mathcal{O}(3; \{2^7, 3^{17}, 6^5\})$	65229846912
6	$\mathcal{O}(3; \{2^3, 3^{20}, 6^5\})$	521838495360
6	$\mathcal{O}(3; \{2^{28}, 6^6\})$	1026432
6	$\mathcal{O}(3; \{2^{24}, 3^3, 6^6\})$	7931520
6	$\mathcal{O}(3; \{2^{20}, 3^6, 6^6\})$	63732096
6	$\mathcal{O}(3; \{2^{16}, 3^9, 6^6\})$	509576832

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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	$\mathcal{O}(3; \{2^{12}, 3^{12}, 6^6\})$	4076894592
6	$\mathcal{O}(3; \{2^8, 3^{15}, 6^6\})$	32614876800
6	$\mathcal{O}(3; \{2^4, 3^{18}, 6^6\})$	260919294336
6	$\mathcal{O}(3; \{3^{21}, 6^6\})$	2087354074752
6	$\mathcal{O}(3; \{2^{25}, 3, 6^7\})$	4012416
6	$\mathcal{O}(3; \{2^{21}, 3^4, 6^7\})$	31819392
6	$\mathcal{O}(3; \{2^{17}, 3^7, 6^7\})$	254835072
6	$\mathcal{O}(3; \{2^{13}, 3^{10}, 6^7\})$	2038400640
6	$\mathcal{O}(3; \{2^9, 3^{13}, 6^7\})$	16307485056
6	$\mathcal{O}(3; \{2^5, 3^{16}, 6^7\})$	130459600512
6	$\mathcal{O}(3; \{2, 3^{19}, 6^7\})$	1043677084032
6	$\mathcal{O}(3; \{2^{22}, 3^2, 6^8\})$	15956352
6	$\mathcal{O}(3; \{2^{18}, 3^5, 6^8\})$	127370880
6	$\mathcal{O}(3; \{2^{14}, 3^8, 6^8\})$	1019246976
6	$\mathcal{O}(3; \{2^{10}, 3^{11}, 6^8\})$	8153695872
6	$\mathcal{O}(3; \{2^6, 3^{14}, 6^8\})$	65229846912
6	$\mathcal{O}(3; \{2^2, 3^{17}, 6^8\})$	521838495360
6	$\mathcal{O}(3; \{2^{23}, 6^9\})$	7931520
6	$\mathcal{O}(3; \{2^{19}, 3^3, 6^9\})$	63732096
6	$\mathcal{O}(3; \{2^{15}, 3^6, 6^9\})$	509576832
6	$\mathcal{O}(3; \{2^{11}, 3^9, 6^9\})$	4076894592
6	$\mathcal{O}(3; \{2^7, 3^{12}, 6^9\})$	32614876800
6	$\mathcal{O}(3; \{2^3, 3^{15}, 6^9\})$	260919294336
6	$\mathcal{O}(3; \{2^{20}, 3, 6^{10}\})$	31819392
6	$\mathcal{O}(3; \{2^{16}, 3^4, 6^{10}\})$	254835072
6	$\mathcal{O}(3; \{2^{12}, 3^7, 6^{10}\})$	2038400640
6	$\mathcal{O}(3; \{2^8, 3^{10}, 6^{10}\})$	16307485056
6	$\mathcal{O}(3; \{2^4, 3^{13}, 6^{10}\})$	130459600512
6	$\mathcal{O}(3; \{3^{16}, 6^{10}\})$	1043677084032
6	$\mathcal{O}(3; \{2^{17}, 3^2, 6^{11}\})$	127370880
6	$\mathcal{O}(3; \{2^{13}, 3^5, 6^{11}\})$	1019246976
6	$\mathcal{O}(3; \{2^9, 3^8, 6^{11}\})$	8153695872
6	$\mathcal{O}(3; \{2^5, 3^{11}, 6^{11}\})$	65229846912
6	$\mathcal{O}(3; \{2, 3^{14}, 6^{11}\})$	521838495360
6	$\mathcal{O}(3; \{2^{18}, 6^{12}\})$	63732096
6	$\mathcal{O}(3; \{2^{14}, 3^3, 6^{12}\})$	509576832
6	$\mathcal{O}(3; \{2^{10}, 3^6, 6^{12}\})$	4076894592
6	$\mathcal{O}(3; \{2^6, 3^9, 6^{12}\})$	32614876800
6	$\mathcal{O}(3; \{2^2, 3^{12}, 6^{12}\})$	260919294336
6	$\mathcal{O}(3; \{2^{15}, 3, 6^{13}\})$	254835072
6	$\mathcal{O}(3; \{2^{11}, 3^4, 6^{13}\})$	2038400640
6	$\mathcal{O}(3; \{2^7, 3^7, 6^{13}\})$	16307485056
6	$\mathcal{O}(3; \{2^3, 3^{10}, 6^{13}\})$	130459600512

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{2^{12}, 3^2, 6^{14}\})$	1019246976
6	$\mathcal{O}(3; \{2^8, 3^5, 6^{14}\})$	8153695872
6	$\mathcal{O}(3; \{2^4, 3^8, 6^{14}\})$	65229846912
6	$\mathcal{O}(3; \{3^{11}, 6^{14}\})$	521838495360
6	$\mathcal{O}(3; \{2^{13}, 6^{15}\})$	509576832
6	$\mathcal{O}(3; \{2^9, 3^3, 6^{15}\})$	4076894592
6	$\mathcal{O}(3; \{2^5, 3^6, 6^{15}\})$	32614876800
6	$\mathcal{O}(3; \{2, 3^9, 6^{15}\})$	260919294336
6	$\mathcal{O}(3; \{2^{10}, 3, 6^{16}\})$	2038400640
6	$\mathcal{O}(3; \{2^6, 3^4, 6^{16}\})$	16307485056
6	$\mathcal{O}(3; \{2^2, 3^7, 6^{16}\})$	130459600512
6	$\mathcal{O}(3; \{2^7, 3^2, 6^{17}\})$	8153695872
6	$\mathcal{O}(3; \{2^3, 3^5, 6^{17}\})$	65229846912
6	$\mathcal{O}(3; \{2^8, 6^{18}\})$	4076894592
6	$\mathcal{O}(3; \{2^4, 3^3, 6^{18}\})$	32614876800
6	$\mathcal{O}(3; \{3^6, 6^{18}\})$	260919294336
6	$\mathcal{O}(3; \{2^5, 3, 6^{19}\})$	16307485056
6	$\mathcal{O}(3; \{2, 3^4, 6^{19}\})$	130459600512
6	$\mathcal{O}(3; \{2^2, 3^2, 6^{20}\})$	65229846912
6	$\mathcal{O}(3; \{2^3, 6^{21}\})$	32614876800
6	$\mathcal{O}(3; \{3, 6^{22}\})$	130459600512
6	$\mathcal{O}(2; \{2^{42}\})$	1280
6	$\mathcal{O}(2; \{2^{38}, 3^3\})$	2592
6	$\mathcal{O}(2; \{2^{34}, 3^6\})$	28512
6	$\mathcal{O}(2; \{2^{30}, 3^9\})$	220320
6	$\mathcal{O}(2; \{2^{26}, 3^{12}\})$	1770336
6	$\mathcal{O}(2; \{2^{22}, 3^{15}\})$	14154912
6	$\mathcal{O}(2; \{2^{18}, 3^{18}\})$	113247072
6	$\mathcal{O}(2; \{2^{14}, 3^{21}\})$	905968800
6	$\mathcal{O}(2; \{2^{10}, 3^{24}\})$	7247758176
6	$\mathcal{O}(2; \{2^6, 3^{27}\})$	57982057632
6	$\mathcal{O}(2; \{2^2, 3^{30}\})$	463856468832
6	$\mathcal{O}(2; \{2^{39}, 3, 6\})$	2592
6	$\mathcal{O}(2; \{2^{35}, 3^4, 6\})$	12960
6	$\mathcal{O}(2; \{2^{31}, 3^7, 6\})$	111456
6	$\mathcal{O}(2; \{2^{27}, 3^{10}, 6\})$	883872
6	$\mathcal{O}(2; \{2^{23}, 3^{13}, 6\})$	7078752
6	$\mathcal{O}(2; \{2^{19}, 3^{16}, 6\})$	56622240
6	$\mathcal{O}(2; \{2^{15}, 3^{19}, 6\})$	452985696
6	$\mathcal{O}(2; \{2^{11}, 3^{22}, 6\})$	3623877792
6	$\mathcal{O}(2; \{2^7, 3^{25}, 6\})$	28991030112
6	$\mathcal{O}(2; \{2^3, 3^{28}, 6\})$	231928233120
6	$\mathcal{O}(2; \{2^{36}, 3^2, 6^2\})$	7776

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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	$\mathcal{O}(2; \{2^{32}, 3^5, 6^2\})$	54432
6	$\mathcal{O}(2; \{2^{28}, 3^8, 6^2\})$	443232
6	$\mathcal{O}(2; \{2^{24}, 3^{11}, 6^2\})$	3538080
6	$\mathcal{O}(2; \{2^{20}, 3^{14}, 6^2\})$	28312416
6	$\mathcal{O}(2; \{2^{16}, 3^{17}, 6^2\})$	226491552
6	$\mathcal{O}(2; \{2^{12}, 3^{20}, 6^2\})$	1811940192
6	$\mathcal{O}(2; \{2^8, 3^{23}, 6^2\})$	14495513760
6	$\mathcal{O}(2; \{2^4, 3^{26}, 6^2\})$	115964117856
6	$\mathcal{O}(2; \{3^{29}, 6^2\})$	927712935072
6	$\mathcal{O}(2; \{2^{37}, 6^3\})$	2592
6	$\mathcal{O}(2; \{2^{33}, 3^3, 6^3\})$	28512
6	$\mathcal{O}(2; \{2^{29}, 3^6, 6^3\})$	220320
6	$\mathcal{O}(2; \{2^{25}, 3^9, 6^3\})$	1770336
6	$\mathcal{O}(2; \{2^{21}, 3^{12}, 6^3\})$	14154912
6	$\mathcal{O}(2; \{2^{17}, 3^{15}, 6^3\})$	113247072
6	$\mathcal{O}(2; \{2^{13}, 3^{18}, 6^3\})$	905968800
6	$\mathcal{O}(2; \{2^9, 3^{21}, 6^3\})$	7247758176
6	$\mathcal{O}(2; \{2^5, 3^{24}, 6^3\})$	57982057632
6	$\mathcal{O}(2; \{2, 3^{27}, 6^3\})$	463856468832
6	$\mathcal{O}(2; \{2^{34}, 3, 6^4\})$	12960
6	$\mathcal{O}(2; \{2^{30}, 3^4, 6^4\})$	111456
6	$\mathcal{O}(2; \{2^{26}, 3^7, 6^4\})$	883872
6	$\mathcal{O}(2; \{2^{22}, 3^{10}, 6^4\})$	7078752
6	$\mathcal{O}(2; \{2^{18}, 3^{13}, 6^4\})$	56622240
6	$\mathcal{O}(2; \{2^{14}, 3^{16}, 6^4\})$	452985696
6	$\mathcal{O}(2; \{2^{10}, 3^{19}, 6^4\})$	3623877792
6	$\mathcal{O}(2; \{2^6, 3^{22}, 6^4\})$	28991030112
6	$\mathcal{O}(2; \{2^2, 3^{25}, 6^4\})$	231928233120
6	$\mathcal{O}(2; \{2^{31}, 3^2, 6^5\})$	54432
6	$\mathcal{O}(2; \{2^{27}, 3^5, 6^5\})$	443232
6	$\mathcal{O}(2; \{2^{23}, 3^8, 6^5\})$	3538080
6	$\mathcal{O}(2; \{2^{19}, 3^{11}, 6^5\})$	28312416
6	$\mathcal{O}(2; \{2^{15}, 3^{14}, 6^5\})$	226491552
6	$\mathcal{O}(2; \{2^{11}, 3^{17}, 6^5\})$	1811940192
6	$\mathcal{O}(2; \{2^7, 3^{20}, 6^5\})$	14495513760
6	$\mathcal{O}(2; \{2^3, 3^{23}, 6^5\})$	115964117856
6	$\mathcal{O}(2; \{2^{32}, 6^6\})$	28512
6	$\mathcal{O}(2; \{2^{28}, 3^3, 6^6\})$	220320
6	$\mathcal{O}(2; \{2^{24}, 3^6, 6^6\})$	1770336
6	$\mathcal{O}(2; \{2^{20}, 3^9, 6^6\})$	14154912
6	$\mathcal{O}(2; \{2^{16}, 3^{12}, 6^6\})$	113247072
6	$\mathcal{O}(2; \{2^{12}, 3^{15}, 6^6\})$	905968800
6	$\mathcal{O}(2; \{2^8, 3^{18}, 6^6\})$	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	$\mathcal{O}(2; \{2^4, 3^{21}, 6^6\})$	57982057632
6	$\mathcal{O}(2; \{3^{24}, 6^6\})$	463856468832
6	$\mathcal{O}(2; \{2^{29}, 3, 6^7\})$	111456
6	$\mathcal{O}(2; \{2^{25}, 3^4, 6^7\})$	883872
6	$\mathcal{O}(2; \{2^{21}, 3^7, 6^7\})$	7078752
6	$\mathcal{O}(2; \{2^{17}, 3^{10}, 6^7\})$	56622240
6	$\mathcal{O}(2; \{2^{13}, 3^{13}, 6^7\})$	452985696
6	$\mathcal{O}(2; \{2^9, 3^{16}, 6^7\})$	3623877792
6	$\mathcal{O}(2; \{2^5, 3^{19}, 6^7\})$	28991030112
6	$\mathcal{O}(2; \{2, 3^{22}, 6^7\})$	231928233120
6	$\mathcal{O}(2; \{2^{26}, 3^2, 6^8\})$	443232
6	$\mathcal{O}(2; \{2^{22}, 3^5, 6^8\})$	3538080
6	$\mathcal{O}(2; \{2^{18}, 3^8, 6^8\})$	28312416
6	$\mathcal{O}(2; \{2^{14}, 3^{11}, 6^8\})$	226491552
6	$\mathcal{O}(2; \{2^{10}, 3^{14}, 6^8\})$	1811940192
6	$\mathcal{O}(2; \{2^6, 3^{17}, 6^8\})$	14495513760
6	$\mathcal{O}(2; \{2^2, 3^{20}, 6^8\})$	115964117856
6	$\mathcal{O}(2; \{2^{27}, 6^9\})$	220320
6	$\mathcal{O}(2; \{2^{23}, 3^3, 6^9\})$	1770336
6	$\mathcal{O}(2; \{2^{19}, 3^6, 6^9\})$	14154912
6	$\mathcal{O}(2; \{2^{15}, 3^9, 6^9\})$	113247072
6	$\mathcal{O}(2; \{2^{11}, 3^{12}, 6^9\})$	905968800
6	$\mathcal{O}(2; \{2^7, 3^{15}, 6^9\})$	7247758176
6	$\mathcal{O}(2; \{2^3, 3^{18}, 6^9\})$	57982057632
6	$\mathcal{O}(2; \{2^{24}, 3, 6^{10}\})$	883872
6	$\mathcal{O}(2; \{2^{20}, 3^4, 6^{10}\})$	7078752
6	$\mathcal{O}(2; \{2^{16}, 3^7, 6^{10}\})$	56622240
6	$\mathcal{O}(2; \{2^{12}, 3^{10}, 6^{10}\})$	452985696
6	$\mathcal{O}(2; \{2^8, 3^{13}, 6^{10}\})$	3623877792
6	$\mathcal{O}(2; \{2^4, 3^{16}, 6^{10}\})$	28991030112
6	$\mathcal{O}(2; \{3^{19}, 6^{10}\})$	231928233120
6	$\mathcal{O}(2; \{2^{21}, 3^2, 6^{11}\})$	3538080
6	$\mathcal{O}(2; \{2^{17}, 3^5, 6^{11}\})$	28312416
6	$\mathcal{O}(2; \{2^{13}, 3^8, 6^{11}\})$	226491552
6	$\mathcal{O}(2; \{2^9, 3^{11}, 6^{11}\})$	1811940192
6	$\mathcal{O}(2; \{2^5, 3^{14}, 6^{11}\})$	14495513760
6	$\mathcal{O}(2; \{2, 3^{17}, 6^{11}\})$	115964117856
6	$\mathcal{O}(2; \{2^{22}, 6^{12}\})$	1770336
6	$\mathcal{O}(2; \{2^{18}, 3^3, 6^{12}\})$	14154912
6	$\mathcal{O}(2; \{2^{14}, 3^6, 6^{12}\})$	113247072
6	$\mathcal{O}(2; \{2^{10}, 3^9, 6^{12}\})$	905968800
6	$\mathcal{O}(2; \{2^6, 3^{12}, 6^{12}\})$	7247758176
6	$\mathcal{O}(2; \{2^2, 3^{15}, 6^{12}\})$	57982057632

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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	$\mathcal{O}(2; \{2^{19}, 3, 6^{13}\})$	7078752
6	$\mathcal{O}(2; \{2^{15}, 3^4, 6^{13}\})$	56622240
6	$\mathcal{O}(2; \{2^{11}, 3^7, 6^{13}\})$	452985696
6	$\mathcal{O}(2; \{2^7, 3^{10}, 6^{13}\})$	3623877792
6	$\mathcal{O}(2; \{2^3, 3^{13}, 6^{13}\})$	28991030112
6	$\mathcal{O}(2; \{2^{16}, 3^2, 6^{14}\})$	28312416
6	$\mathcal{O}(2; \{2^{12}, 3^5, 6^{14}\})$	226491552
6	$\mathcal{O}(2; \{2^8, 3^8, 6^{14}\})$	1811940192
6	$\mathcal{O}(2; \{2^4, 3^{11}, 6^{14}\})$	14495513760
6	$\mathcal{O}(2; \{3^{14}, 6^{14}\})$	115964117856
6	$\mathcal{O}(2; \{2^{17}, 6^{15}\})$	14154912
6	$\mathcal{O}(2; \{2^{13}, 3^3, 6^{15}\})$	113247072
6	$\mathcal{O}(2; \{2^9, 3^6, 6^{15}\})$	905968800
6	$\mathcal{O}(2; \{2^5, 3^9, 6^{15}\})$	7247758176
6	$\mathcal{O}(2; \{2, 3^{12}, 6^{15}\})$	57982057632
6	$\mathcal{O}(2; \{2^{14}, 3, 6^{16}\})$	56622240
6	$\mathcal{O}(2; \{2^{10}, 3^4, 6^{16}\})$	452985696
6	$\mathcal{O}(2; \{2^6, 3^7, 6^{16}\})$	3623877792
6	$\mathcal{O}(2; \{2^2, 3^{10}, 6^{16}\})$	28991030112
6	$\mathcal{O}(2; \{2^{11}, 3^2, 6^{17}\})$	226491552
6	$\mathcal{O}(2; \{2^7, 3^5, 6^{17}\})$	1811940192
6	$\mathcal{O}(2; \{2^3, 3^8, 6^{17}\})$	14495513760
6	$\mathcal{O}(2; \{2^{12}, 6^{18}\})$	113247072
6	$\mathcal{O}(2; \{2^8, 3^3, 6^{18}\})$	905968800
6	$\mathcal{O}(2; \{2^4, 3^6, 6^{18}\})$	7247758176
6	$\mathcal{O}(2; \{3^9, 6^{18}\})$	57982057632
6	$\mathcal{O}(2; \{2^9, 3, 6^{19}\})$	452985696
6	$\mathcal{O}(2; \{2^5, 3^4, 6^{19}\})$	3623877792
6	$\mathcal{O}(2; \{2, 3^7, 6^{19}\})$	28991030112
6	$\mathcal{O}(2; \{2^6, 3^2, 6^{20}\})$	1811940192
6	$\mathcal{O}(2; \{2^2, 3^5, 6^{20}\})$	14495513760
6	$\mathcal{O}(2; \{2^7, 6^{21}\})$	905968800
6	$\mathcal{O}(2; \{2^3, 3^3, 6^{21}\})$	7247758176
6	$\mathcal{O}(2; \{2^4, 3, 6^{22}\})$	3623877792
6	$\mathcal{O}(2; \{3^4, 6^{22}\})$	28991030112
6	$\mathcal{O}(2; \{2, 3^2, 6^{23}\})$	14495513760
6	$\mathcal{O}(2; \{2^2, 6^{24}\})$	7247758176
6	$\mathcal{O}(1; \{2^{46}\})$	32
6	$\mathcal{O}(1; \{2^{42}, 3^3\})$	72
6	$\mathcal{O}(1; \{2^{38}, 3^6\})$	792
6	$\mathcal{O}(1; \{2^{34}, 3^9\})$	6120
6	$\mathcal{O}(1; \{2^{30}, 3^{12}\})$	49176
6	$\mathcal{O}(1; \{2^{26}, 3^{15}\})$	393192

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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	$\mathcal{O}(1; \{2^{22}, 3^{18}\})$	3145752
6	$\mathcal{O}(1; \{2^{18}, 3^{21}\})$	25165800
6	$\mathcal{O}(1; \{2^{14}, 3^{24}\})$	201326616
6	$\mathcal{O}(1; \{2^{10}, 3^{27}\})$	1610612712
6	$\mathcal{O}(1; \{2^6, 3^{30}\})$	12884901912
6	$\mathcal{O}(1; \{2^2, 3^{33}\})$	103079215080
6	$\mathcal{O}(1; \{2^{43}, 3, 6\})$	72
6	$\mathcal{O}(1; \{2^{39}, 3^4, 6\})$	360
6	$\mathcal{O}(1; \{2^{35}, 3^7, 6\})$	3096
6	$\mathcal{O}(1; \{2^{31}, 3^{10}, 6\})$	24552
6	$\mathcal{O}(1; \{2^{27}, 3^{13}, 6\})$	196632
6	$\mathcal{O}(1; \{2^{23}, 3^{16}, 6\})$	1572840
6	$\mathcal{O}(1; \{2^{19}, 3^{19}, 6\})$	12582936
6	$\mathcal{O}(1; \{2^{15}, 3^{22}, 6\})$	100663272
6	$\mathcal{O}(1; \{2^{11}, 3^{25}, 6\})$	805306392
6	$\mathcal{O}(1; \{2^7, 3^{28}, 6\})$	6442450920
6	$\mathcal{O}(1; \{2^3, 3^{31}, 6\})$	51539607576
6	$\mathcal{O}(1; \{2^{40}, 3^2, 6^2\})$	216
6	$\mathcal{O}(1; \{2^{36}, 3^5, 6^2\})$	1512
6	$\mathcal{O}(1; \{2^{32}, 3^8, 6^2\})$	12312
6	$\mathcal{O}(1; \{2^{28}, 3^{11}, 6^2\})$	98280
6	$\mathcal{O}(1; \{2^{24}, 3^{14}, 6^2\})$	786456
6	$\mathcal{O}(1; \{2^{20}, 3^{17}, 6^2\})$	6291432
6	$\mathcal{O}(1; \{2^{16}, 3^{20}, 6^2\})$	50331672
6	$\mathcal{O}(1; \{2^{12}, 3^{23}, 6^2\})$	402653160
6	$\mathcal{O}(1; \{2^8, 3^{26}, 6^2\})$	3221225496
6	$\mathcal{O}(1; \{2^4, 3^{29}, 6^2\})$	25769803752
6	$\mathcal{O}(1; \{3^{32}, 6^2\})$	206158430232
6	$\mathcal{O}(1; \{2^{41}, 6^3\})$	72
6	$\mathcal{O}(1; \{2^{37}, 3^3, 6^3\})$	792
6	$\mathcal{O}(1; \{2^{33}, 3^6, 6^3\})$	6120
6	$\mathcal{O}(1; \{2^{29}, 3^9, 6^3\})$	49176
6	$\mathcal{O}(1; \{2^{25}, 3^{12}, 6^3\})$	393192
6	$\mathcal{O}(1; \{2^{21}, 3^{15}, 6^3\})$	3145752
6	$\mathcal{O}(1; \{2^{17}, 3^{18}, 6^3\})$	25165800
6	$\mathcal{O}(1; \{2^{13}, 3^{21}, 6^3\})$	201326616
6	$\mathcal{O}(1; \{2^9, 3^{24}, 6^3\})$	1610612712
6	$\mathcal{O}(1; \{2^5, 3^{27}, 6^3\})$	12884901912
6	$\mathcal{O}(1; \{2, 3^{30}, 6^3\})$	103079215080
6	$\mathcal{O}(1; \{2^{38}, 3, 6^4\})$	360
6	$\mathcal{O}(1; \{2^{34}, 3^4, 6^4\})$	3096
6	$\mathcal{O}(1; \{2^{30}, 3^7, 6^4\})$	24552
6	$\mathcal{O}(1; \{2^{26}, 3^{10}, 6^4\})$	196632

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{2^{13}, 3^6, 6^{15}\})$	25165800
6	$\mathcal{O}(1; \{2^9, 3^9, 6^{15}\})$	201326616
6	$\mathcal{O}(1; \{2^5, 3^{12}, 6^{15}\})$	1610612712
6	$\mathcal{O}(1; \{2, 3^{15}, 6^{15}\})$	12884901912
6	$\mathcal{O}(1; \{2^{18}, 3, 6^{16}\})$	1572840
6	$\mathcal{O}(1; \{2^{14}, 3^4, 6^{16}\})$	12582936
6	$\mathcal{O}(1; \{2^{10}, 3^7, 6^{16}\})$	100663272
6	$\mathcal{O}(1; \{2^6, 3^{10}, 6^{16}\})$	805306392
6	$\mathcal{O}(1; \{2^2, 3^{13}, 6^{16}\})$	6442450920
6	$\mathcal{O}(1; \{2^{15}, 3^2, 6^{17}\})$	6291432
6	$\mathcal{O}(1; \{2^{11}, 3^5, 6^{17}\})$	50331672
6	$\mathcal{O}(1; \{2^7, 3^8, 6^{17}\})$	402653160
6	$\mathcal{O}(1; \{2^3, 3^{11}, 6^{17}\})$	3221225496
6	$\mathcal{O}(1; \{2^{16}, 6^{18}\})$	3145752
6	$\mathcal{O}(1; \{2^{12}, 3^3, 6^{18}\})$	25165800
6	$\mathcal{O}(1; \{2^8, 3^6, 6^{18}\})$	201326616
6	$\mathcal{O}(1; \{2^4, 3^9, 6^{18}\})$	1610612712
6	$\mathcal{O}(1; \{3^{12}, 6^{18}\})$	12884901912
6	$\mathcal{O}(1; \{2^{13}, 3, 6^{19}\})$	12582936
6	$\mathcal{O}(1; \{2^9, 3^4, 6^{19}\})$	100663272
6	$\mathcal{O}(1; \{2^5, 3^7, 6^{19}\})$	805306392
6	$\mathcal{O}(1; \{2, 3^{10}, 6^{19}\})$	6442450920
6	$\mathcal{O}(1; \{2^{10}, 3^2, 6^{20}\})$	50331672
6	$\mathcal{O}(1; \{2^6, 3^5, 6^{20}\})$	402653160
6	$\mathcal{O}(1; \{2^2, 3^8, 6^{20}\})$	3221225496
6	$\mathcal{O}(1; \{2^{11}, 6^{21}\})$	25165800
6	$\mathcal{O}(1; \{2^7, 3^3, 6^{21}\})$	201326616
6	$\mathcal{O}(1; \{2^3, 3^6, 6^{21}\})$	1610612712
6	$\mathcal{O}(1; \{2^8, 3, 6^{22}\})$	100663272
6	$\mathcal{O}(1; \{2^4, 3^4, 6^{22}\})$	805306392
6	$\mathcal{O}(1; \{3^7, 6^{22}\})$	6442450920
6	$\mathcal{O}(1; \{2^5, 3^2, 6^{23}\})$	402653160
6	$\mathcal{O}(1; \{2, 3^5, 6^{23}\})$	3221225496
6	$\mathcal{O}(1; \{2^6, 6^{24}\})$	201326616
6	$\mathcal{O}(1; \{2^2, 3^3, 6^{24}\})$	1610612712
6	$\mathcal{O}(1; \{2^3, 3, 6^{25}\})$	805306392
6	$\mathcal{O}(1; \{3^2, 6^{26}\})$	3221225496
6	$\mathcal{O}(1; \{2, 6^{27}\})$	1610612712
6	$\mathcal{O}(0; \{2^{46}, 3^3\})$	2
6	$\mathcal{O}(0; \{2^{42}, 3^6\})$	22
6	$\mathcal{O}(0; \{2^{38}, 3^9\})$	170
6	$\mathcal{O}(0; \{2^{34}, 3^{12}\})$	1366
6	$\mathcal{O}(0; \{2^{30}, 3^{15}\})$	10922

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

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

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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	$\mathcal{O}(0; \{2^{30}, 3^5, 6^8\})$	2730
6	$\mathcal{O}(0; \{2^{26}, 3^8, 6^8\})$	21846
6	$\mathcal{O}(0; \{2^{22}, 3^{11}, 6^8\})$	174762
6	$\mathcal{O}(0; \{2^{18}, 3^{14}, 6^8\})$	1398102
6	$\mathcal{O}(0; \{2^{14}, 3^{17}, 6^8\})$	11184810
6	$\mathcal{O}(0; \{2^{10}, 3^{20}, 6^8\})$	89478486
6	$\mathcal{O}(0; \{2^6, 3^{23}, 6^8\})$	715827882
6	$\mathcal{O}(0; \{2^2, 3^{26}, 6^8\})$	5726623062
6	$\mathcal{O}(0; \{2^{35}, 6^9\})$	170
6	$\mathcal{O}(0; \{2^{31}, 3^3, 6^9\})$	1366
6	$\mathcal{O}(0; \{2^{27}, 3^6, 6^9\})$	10922
6	$\mathcal{O}(0; \{2^{23}, 3^9, 6^9\})$	87382
6	$\mathcal{O}(0; \{2^{19}, 3^{12}, 6^9\})$	699050
6	$\mathcal{O}(0; \{2^{15}, 3^{15}, 6^9\})$	5592406
6	$\mathcal{O}(0; \{2^{11}, 3^{18}, 6^9\})$	44739242
6	$\mathcal{O}(0; \{2^7, 3^{21}, 6^9\})$	357913942
6	$\mathcal{O}(0; \{2^3, 3^{24}, 6^9\})$	2863311530
6	$\mathcal{O}(0; \{2^{32}, 3, 6^{10}\})$	682
6	$\mathcal{O}(0; \{2^{28}, 3^4, 6^{10}\})$	5462
6	$\mathcal{O}(0; \{2^{24}, 3^7, 6^{10}\})$	43690
6	$\mathcal{O}(0; \{2^{20}, 3^{10}, 6^{10}\})$	349526
6	$\mathcal{O}(0; \{2^{16}, 3^{13}, 6^{10}\})$	2796202
6	$\mathcal{O}(0; \{2^{12}, 3^{16}, 6^{10}\})$	22369622
6	$\mathcal{O}(0; \{2^8, 3^{19}, 6^{10}\})$	178956970
6	$\mathcal{O}(0; \{2^4, 3^{22}, 6^{10}\})$	1431655766
6	$\mathcal{O}(0; \{3^{25}, 6^{10}\})$	11453246122
6	$\mathcal{O}(0; \{2^{29}, 3^2, 6^{11}\})$	2730
6	$\mathcal{O}(0; \{2^{25}, 3^5, 6^{11}\})$	21846
6	$\mathcal{O}(0; \{2^{21}, 3^8, 6^{11}\})$	174762
6	$\mathcal{O}(0; \{2^{17}, 3^{11}, 6^{11}\})$	1398102
6	$\mathcal{O}(0; \{2^{13}, 3^{14}, 6^{11}\})$	11184810
6	$\mathcal{O}(0; \{2^9, 3^{17}, 6^{11}\})$	89478486
6	$\mathcal{O}(0; \{2^5, 3^{20}, 6^{11}\})$	715827882
6	$\mathcal{O}(0; \{2, 3^{23}, 6^{11}\})$	5726623062
6	$\mathcal{O}(0; \{2^{30}, 6^{12}\})$	1366
6	$\mathcal{O}(0; \{2^{26}, 3^3, 6^{12}\})$	10922
6	$\mathcal{O}(0; \{2^{22}, 3^6, 6^{12}\})$	87382
6	$\mathcal{O}(0; \{2^{18}, 3^9, 6^{12}\})$	699050
6	$\mathcal{O}(0; \{2^{14}, 3^{12}, 6^{12}\})$	5592406
6	$\mathcal{O}(0; \{2^{10}, 3^{15}, 6^{12}\})$	44739242
6	$\mathcal{O}(0; \{2^6, 3^{18}, 6^{12}\})$	357913942
6	$\mathcal{O}(0; \{2^2, 3^{21}, 6^{12}\})$	2863311530
6	$\mathcal{O}(0; \{2^{27}, 3, 6^{13}\})$	5462

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Table 10 – continued from previous page

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

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{2^{10}, 3^5, 6^{20}\})$	11184810
6	$\mathcal{O}(0; \{2^6, 3^8, 6^{20}\})$	89478486
6	$\mathcal{O}(0; \{2^2, 3^{11}, 6^{20}\})$	715827882
6	$\mathcal{O}(0; \{2^{15}, 6^{21}\})$	699050
6	$\mathcal{O}(0; \{2^{11}, 3^3, 6^{21}\})$	5592406
6	$\mathcal{O}(0; \{2^7, 3^6, 6^{21}\})$	44739242
6	$\mathcal{O}(0; \{2^3, 3^9, 6^{21}\})$	357913942
6	$\mathcal{O}(0; \{2^{12}, 3, 6^{22}\})$	2796202
6	$\mathcal{O}(0; \{2^8, 3^4, 6^{22}\})$	22369622
6	$\mathcal{O}(0; \{2^4, 3^7, 6^{22}\})$	178956970
6	$\mathcal{O}(0; \{3^{10}, 6^{22}\})$	1431655766
6	$\mathcal{O}(0; \{2^9, 3^2, 6^{23}\})$	11184810
6	$\mathcal{O}(0; \{2^5, 3^5, 6^{23}\})$	89478486
6	$\mathcal{O}(0; \{2, 3^8, 6^{23}\})$	715827882
6	$\mathcal{O}(0; \{2^{10}, 6^{24}\})$	5592406
6	$\mathcal{O}(0; \{2^6, 3^3, 6^{24}\})$	44739242
6	$\mathcal{O}(0; \{2^2, 3^6, 6^{24}\})$	357913942
6	$\mathcal{O}(0; \{2^7, 3, 6^{25}\})$	22369622
6	$\mathcal{O}(0; \{2^3, 3^4, 6^{25}\})$	178956970
6	$\mathcal{O}(0; \{2^4, 3^2, 6^{26}\})$	89478486
6	$\mathcal{O}(0; \{3^5, 6^{26}\})$	715827882
6	$\mathcal{O}(0; \{2^5, 6^{27}\})$	44739242
6	$\mathcal{O}(0; \{2, 3^3, 6^{27}\})$	357913942
6	$\mathcal{O}(0; \{2^2, 3, 6^{28}\})$	178956970
6	$\mathcal{O}(0; \{6^{30}\})$	357913942
7	$\mathcal{O}(10; \{7^2\})$	478753597785672006
7	$\mathcal{O}(7; \{7^9\})$	976417411288519830
7	$\mathcal{O}(4; \{7^{16}\})$	2323305316520977866
7	$\mathcal{O}(1; \{7^{23}\})$	5528111561375219670
8	$\mathcal{O}(8; \{2^3, 8^2\})$	1125899906842624
8	$\mathcal{O}(8; \{4^2, 8^2\})$	4503599627370496
8	$\mathcal{O}(7; \{2^7, 8^2\})$	17592186044416
8	$\mathcal{O}(7; \{2^4, 4^2, 8^2\})$	70368744177664
8	$\mathcal{O}(7; \{2, 4^4, 8^2\})$	281474976710656
8	$\mathcal{O}(7; \{2^2, 4, 8^4\})$	562949953421312
8	$\mathcal{O}(7; \{8^6\})$	4503599627370496
8	$\mathcal{O}(6; \{2^{11}, 8^2\})$	274877906944
8	$\mathcal{O}(6; \{2^8, 4^2, 8^2\})$	1099511627776
8	$\mathcal{O}(6; \{2^5, 4^4, 8^2\})$	4398046511104
8	$\mathcal{O}(6; \{2^2, 4^6, 8^2\})$	17592186044416
8	$\mathcal{O}(6; \{2^6, 4, 8^4\})$	8796093022208
8	$\mathcal{O}(6; \{2^3, 4^3, 8^4\})$	35184372088832
8	$\mathcal{O}(6; \{4^5, 8^4\})$	140737488355328

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(6; \{2^4, 8^6\})$	70368744177664
8	$\mathcal{O}(6; \{2, 4^2, 8^6\})$	281474976710656
8	$\mathcal{O}(5; \{2^{15}, 8^2\})$	4294967296
8	$\mathcal{O}(5; \{2^{12}, 4^2, 8^2\})$	17179869184
8	$\mathcal{O}(5; \{2^9, 4^4, 8^2\})$	68719476736
8	$\mathcal{O}(5; \{2^6, 4^6, 8^2\})$	274877906944
8	$\mathcal{O}(5; \{2^3, 4^8, 8^2\})$	1099511627776
8	$\mathcal{O}(5; \{4^{10}, 8^2\})$	4398046511104
8	$\mathcal{O}(5; \{2^{10}, 4, 8^4\})$	137438953472
8	$\mathcal{O}(5; \{2^7, 4^3, 8^4\})$	549755813888
8	$\mathcal{O}(5; \{2^4, 4^5, 8^4\})$	2199023255552
8	$\mathcal{O}(5; \{2, 4^7, 8^4\})$	8796093022208
8	$\mathcal{O}(5; \{2^8, 8^6\})$	1099511627776
8	$\mathcal{O}(5; \{2^5, 4^2, 8^6\})$	4398046511104
8	$\mathcal{O}(5; \{2^2, 4^4, 8^6\})$	17592186044416
8	$\mathcal{O}(5; \{2^3, 4, 8^8\})$	35184372088832
8	$\mathcal{O}(5; \{4^3, 8^8\})$	140737488355328
8	$\mathcal{O}(5; \{2, 8^{10}\})$	281474976710656
8	$\mathcal{O}(4; \{2^{19}, 8^2\})$	67108864
8	$\mathcal{O}(4; \{2^{16}, 4^2, 8^2\})$	268435456
8	$\mathcal{O}(4; \{2^{13}, 4^4, 8^2\})$	1073741824
8	$\mathcal{O}(4; \{2^{10}, 4^6, 8^2\})$	4294967296
8	$\mathcal{O}(4; \{2^7, 4^8, 8^2\})$	17179869184
8	$\mathcal{O}(4; \{2^4, 4^{10}, 8^2\})$	68719476736
8	$\mathcal{O}(4; \{2, 4^{12}, 8^2\})$	274877906944
8	$\mathcal{O}(4; \{2^{14}, 4, 8^4\})$	2147483648
8	$\mathcal{O}(4; \{2^{11}, 4^3, 8^4\})$	8589934592
8	$\mathcal{O}(4; \{2^8, 4^5, 8^4\})$	34359738368
8	$\mathcal{O}(4; \{2^5, 4^7, 8^4\})$	137438953472
8	$\mathcal{O}(4; \{2^2, 4^9, 8^4\})$	549755813888
8	$\mathcal{O}(4; \{2^{12}, 8^6\})$	17179869184
8	$\mathcal{O}(4; \{2^9, 4^2, 8^6\})$	68719476736
8	$\mathcal{O}(4; \{2^6, 4^4, 8^6\})$	274877906944
8	$\mathcal{O}(4; \{2^3, 4^6, 8^6\})$	1099511627776
8	$\mathcal{O}(4; \{4^8, 8^6\})$	4398046511104
8	$\mathcal{O}(4; \{2^7, 4, 8^8\})$	549755813888
8	$\mathcal{O}(4; \{2^4, 4^3, 8^8\})$	2199023255552
8	$\mathcal{O}(4; \{2, 4^5, 8^8\})$	8796093022208
8	$\mathcal{O}(4; \{2^5, 8^{10}\})$	4398046511104
8	$\mathcal{O}(4; \{2^2, 4^2, 8^{10}\})$	17592186044416
8	$\mathcal{O}(4; \{4, 8^{12}\})$	140737488355328
8	$\mathcal{O}(3; \{2^{23}, 8^2\})$	1048576
8	$\mathcal{O}(3; \{2^{20}, 4^2, 8^2\})$	4194304

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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	$\mathcal{O}(3; \{2^{17}, 4^4, 8^2\})$	16777216
8	$\mathcal{O}(3; \{2^{14}, 4^6, 8^2\})$	67108864
8	$\mathcal{O}(3; \{2^{11}, 4^8, 8^2\})$	268435456
8	$\mathcal{O}(3; \{2^8, 4^{10}, 8^2\})$	1073741824
8	$\mathcal{O}(3; \{2^5, 4^{12}, 8^2\})$	4294967296
8	$\mathcal{O}(3; \{2^2, 4^{14}, 8^2\})$	17179869184
8	$\mathcal{O}(3; \{2^{18}, 4, 8^4\})$	33554432
8	$\mathcal{O}(3; \{2^{15}, 4^3, 8^4\})$	134217728
8	$\mathcal{O}(3; \{2^{12}, 4^5, 8^4\})$	536870912
8	$\mathcal{O}(3; \{2^9, 4^7, 8^4\})$	2147483648
8	$\mathcal{O}(3; \{2^6, 4^9, 8^4\})$	8589934592
8	$\mathcal{O}(3; \{2^3, 4^{11}, 8^4\})$	34359738368
8	$\mathcal{O}(3; \{4^{13}, 8^4\})$	137438953472
8	$\mathcal{O}(3; \{2^{16}, 8^6\})$	268435456
8	$\mathcal{O}(3; \{2^{13}, 4^2, 8^6\})$	1073741824
8	$\mathcal{O}(3; \{2^{10}, 4^4, 8^6\})$	4294967296
8	$\mathcal{O}(3; \{2^7, 4^6, 8^6\})$	17179869184
8	$\mathcal{O}(3; \{2^4, 4^8, 8^6\})$	68719476736
8	$\mathcal{O}(3; \{2, 4^{10}, 8^6\})$	274877906944
8	$\mathcal{O}(3; \{2^{11}, 4, 8^8\})$	8589934592
8	$\mathcal{O}(3; \{2^8, 4^3, 8^8\})$	34359738368
8	$\mathcal{O}(3; \{2^5, 4^5, 8^8\})$	137438953472
8	$\mathcal{O}(3; \{2^2, 4^7, 8^8\})$	549755813888
8	$\mathcal{O}(3; \{2^9, 8^{10}\})$	68719476736
8	$\mathcal{O}(3; \{2^6, 4^2, 8^{10}\})$	274877906944
8	$\mathcal{O}(3; \{2^3, 4^4, 8^{10}\})$	1099511627776
8	$\mathcal{O}(3; \{4^6, 8^{10}\})$	4398046511104
8	$\mathcal{O}(3; \{2^4, 4, 8^{12}\})$	2199023255552
8	$\mathcal{O}(3; \{2, 4^3, 8^{12}\})$	8796093022208
8	$\mathcal{O}(3; \{2^2, 8^{14}\})$	17592186044416
8	$\mathcal{O}(2; \{2^{27}, 8^2\})$	16384
8	$\mathcal{O}(2; \{2^{24}, 4^2, 8^2\})$	65536
8	$\mathcal{O}(2; \{2^{21}, 4^4, 8^2\})$	262144
8	$\mathcal{O}(2; \{2^{18}, 4^6, 8^2\})$	1048576
8	$\mathcal{O}(2; \{2^{15}, 4^8, 8^2\})$	4194304
8	$\mathcal{O}(2; \{2^{12}, 4^{10}, 8^2\})$	16777216
8	$\mathcal{O}(2; \{2^9, 4^{12}, 8^2\})$	67108864
8	$\mathcal{O}(2; \{2^6, 4^{14}, 8^2\})$	268435456
8	$\mathcal{O}(2; \{2^3, 4^{16}, 8^2\})$	1073741824
8	$\mathcal{O}(2; \{4^{18}, 8^2\})$	4294967296
8	$\mathcal{O}(2; \{2^{22}, 4, 8^4\})$	524288
8	$\mathcal{O}(2; \{2^{19}, 4^3, 8^4\})$	2097152
8	$\mathcal{O}(2; \{2^{16}, 4^5, 8^4\})$	8388608

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^{13}, 4^7, 8^4\})$	33554432
8	$\mathcal{O}(2; \{2^{10}, 4^9, 8^4\})$	134217728
8	$\mathcal{O}(2; \{2^7, 4^{11}, 8^4\})$	536870912
8	$\mathcal{O}(2; \{2^4, 4^{13}, 8^4\})$	2147483648
8	$\mathcal{O}(2; \{2, 4^{15}, 8^4\})$	8589934592
8	$\mathcal{O}(2; \{2^{20}, 8^6\})$	4194304
8	$\mathcal{O}(2; \{2^{17}, 4^2, 8^6\})$	16777216
8	$\mathcal{O}(2; \{2^{14}, 4^4, 8^6\})$	67108864
8	$\mathcal{O}(2; \{2^{11}, 4^6, 8^6\})$	268435456
8	$\mathcal{O}(2; \{2^8, 4^8, 8^6\})$	1073741824
8	$\mathcal{O}(2; \{2^5, 4^{10}, 8^6\})$	4294967296
8	$\mathcal{O}(2; \{2^2, 4^{12}, 8^6\})$	17179869184
8	$\mathcal{O}(2; \{2^{15}, 4, 8^8\})$	134217728
8	$\mathcal{O}(2; \{2^{12}, 4^3, 8^8\})$	536870912
8	$\mathcal{O}(2; \{2^9, 4^5, 8^8\})$	2147483648
8	$\mathcal{O}(2; \{2^6, 4^7, 8^8\})$	8589934592
8	$\mathcal{O}(2; \{2^3, 4^9, 8^8\})$	34359738368
8	$\mathcal{O}(2; \{4^{11}, 8^8\})$	137438953472
8	$\mathcal{O}(2; \{2^{13}, 8^{10}\})$	1073741824
8	$\mathcal{O}(2; \{2^{10}, 4^2, 8^{10}\})$	4294967296
8	$\mathcal{O}(2; \{2^7, 4^4, 8^{10}\})$	17179869184
8	$\mathcal{O}(2; \{2^4, 4^6, 8^{10}\})$	68719476736
8	$\mathcal{O}(2; \{2, 4^8, 8^{10}\})$	274877906944
8	$\mathcal{O}(2; \{2^8, 4, 8^{12}\})$	34359738368
8	$\mathcal{O}(2; \{2^5, 4^3, 8^{12}\})$	137438953472
8	$\mathcal{O}(2; \{2^2, 4^5, 8^{12}\})$	549755813888
8	$\mathcal{O}(2; \{2^6, 8^{14}\})$	274877906944
8	$\mathcal{O}(2; \{2^3, 4^2, 8^{14}\})$	1099511627776
8	$\mathcal{O}(2; \{4^4, 8^{14}\})$	4398046511104
8	$\mathcal{O}(2; \{2, 4, 8^{16}\})$	8796093022208
8	$\mathcal{O}(1; \{2^{31}, 8^2\})$	256
8	$\mathcal{O}(1; \{2^{28}, 4^2, 8^2\})$	1024
8	$\mathcal{O}(1; \{2^{25}, 4^4, 8^2\})$	4096
8	$\mathcal{O}(1; \{2^{22}, 4^6, 8^2\})$	16384
8	$\mathcal{O}(1; \{2^{19}, 4^8, 8^2\})$	65536
8	$\mathcal{O}(1; \{2^{16}, 4^{10}, 8^2\})$	262144
8	$\mathcal{O}(1; \{2^{13}, 4^{12}, 8^2\})$	1048576
8	$\mathcal{O}(1; \{2^{10}, 4^{14}, 8^2\})$	4194304
8	$\mathcal{O}(1; \{2^7, 4^{16}, 8^2\})$	16777216
8	$\mathcal{O}(1; \{2^4, 4^{18}, 8^2\})$	67108864
8	$\mathcal{O}(1; \{2, 4^{20}, 8^2\})$	268435456
8	$\mathcal{O}(1; \{2^{26}, 4, 8^4\})$	8192
8	$\mathcal{O}(1; \{2^{23}, 4^3, 8^4\})$	32768

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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	$\mathcal{O}(1; \{2^{20}, 4^5, 8^4\})$	131072
8	$\mathcal{O}(1; \{2^{17}, 4^7, 8^4\})$	524288
8	$\mathcal{O}(1; \{2^{14}, 4^9, 8^4\})$	2097152
8	$\mathcal{O}(1; \{2^{11}, 4^{11}, 8^4\})$	8388608
8	$\mathcal{O}(1; \{2^8, 4^{13}, 8^4\})$	33554432
8	$\mathcal{O}(1; \{2^5, 4^{15}, 8^4\})$	134217728
8	$\mathcal{O}(1; \{2^2, 4^{17}, 8^4\})$	536870912
8	$\mathcal{O}(1; \{2^{24}, 8^6\})$	65536
8	$\mathcal{O}(1; \{2^{21}, 4^2, 8^6\})$	262144
8	$\mathcal{O}(1; \{2^{18}, 4^4, 8^6\})$	1048576
8	$\mathcal{O}(1; \{2^{15}, 4^6, 8^6\})$	4194304
8	$\mathcal{O}(1; \{2^{12}, 4^8, 8^6\})$	16777216
8	$\mathcal{O}(1; \{2^9, 4^{10}, 8^6\})$	67108864
8	$\mathcal{O}(1; \{2^6, 4^{12}, 8^6\})$	268435456
8	$\mathcal{O}(1; \{2^3, 4^{14}, 8^6\})$	1073741824
8	$\mathcal{O}(1; \{4^{16}, 8^6\})$	4294967296
8	$\mathcal{O}(1; \{2^{19}, 4, 8^8\})$	2097152
8	$\mathcal{O}(1; \{2^{16}, 4^3, 8^8\})$	8388608
8	$\mathcal{O}(1; \{2^{13}, 4^5, 8^8\})$	33554432
8	$\mathcal{O}(1; \{2^{10}, 4^7, 8^8\})$	134217728
8	$\mathcal{O}(1; \{2^7, 4^9, 8^8\})$	536870912
8	$\mathcal{O}(1; \{2^4, 4^{11}, 8^8\})$	2147483648
8	$\mathcal{O}(1; \{2, 4^{13}, 8^8\})$	8589934592
8	$\mathcal{O}(1; \{2^{17}, 8^{10}\})$	16777216
8	$\mathcal{O}(1; \{2^{14}, 4^2, 8^{10}\})$	67108864
8	$\mathcal{O}(1; \{2^{11}, 4^4, 8^{10}\})$	268435456
8	$\mathcal{O}(1; \{2^8, 4^6, 8^{10}\})$	1073741824
8	$\mathcal{O}(1; \{2^5, 4^8, 8^{10}\})$	4294967296
8	$\mathcal{O}(1; \{2^2, 4^{10}, 8^{10}\})$	17179869184
8	$\mathcal{O}(1; \{2^{12}, 4, 8^{12}\})$	536870912
8	$\mathcal{O}(1; \{2^9, 4^3, 8^{12}\})$	2147483648
8	$\mathcal{O}(1; \{2^6, 4^5, 8^{12}\})$	8589934592
8	$\mathcal{O}(1; \{2^3, 4^7, 8^{12}\})$	34359738368
8	$\mathcal{O}(1; \{4^9, 8^{12}\})$	137438953472
8	$\mathcal{O}(1; \{2^{10}, 8^{14}\})$	4294967296
8	$\mathcal{O}(1; \{2^7, 4^2, 8^{14}\})$	17179869184
8	$\mathcal{O}(1; \{2^4, 4^4, 8^{14}\})$	68719476736
8	$\mathcal{O}(1; \{2, 4^6, 8^{14}\})$	274877906944
8	$\mathcal{O}(1; \{2^5, 4, 8^{16}\})$	137438953472
8	$\mathcal{O}(1; \{2^2, 4^3, 8^{16}\})$	549755813888
8	$\mathcal{O}(1; \{2^3, 8^{18}\})$	1099511627776
8	$\mathcal{O}(1; \{4^2, 8^{18}\})$	4398046511104
8	$\mathcal{O}(0; \{2^{35}, 8^2\})$	4

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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	$\mathcal{O}(0; \{2^{32}, 4^2, 8^2\})$	16
8	$\mathcal{O}(0; \{2^{29}, 4^4, 8^2\})$	64
8	$\mathcal{O}(0; \{2^{26}, 4^6, 8^2\})$	256
8	$\mathcal{O}(0; \{2^{23}, 4^8, 8^2\})$	1024
8	$\mathcal{O}(0; \{2^{20}, 4^{10}, 8^2\})$	4096
8	$\mathcal{O}(0; \{2^{17}, 4^{12}, 8^2\})$	16384
8	$\mathcal{O}(0; \{2^{14}, 4^{14}, 8^2\})$	65536
8	$\mathcal{O}(0; \{2^{11}, 4^{16}, 8^2\})$	262144
8	$\mathcal{O}(0; \{2^8, 4^{18}, 8^2\})$	1048576
8	$\mathcal{O}(0; \{2^5, 4^{20}, 8^2\})$	4194304
8	$\mathcal{O}(0; \{2^2, 4^{22}, 8^2\})$	16777216
8	$\mathcal{O}(0; \{2^{30}, 4, 8^4\})$	128
8	$\mathcal{O}(0; \{2^{27}, 4^3, 8^4\})$	512
8	$\mathcal{O}(0; \{2^{24}, 4^5, 8^4\})$	2048
8	$\mathcal{O}(0; \{2^{21}, 4^7, 8^4\})$	8192
8	$\mathcal{O}(0; \{2^{18}, 4^9, 8^4\})$	32768
8	$\mathcal{O}(0; \{2^{15}, 4^{11}, 8^4\})$	131072
8	$\mathcal{O}(0; \{2^{12}, 4^{13}, 8^4\})$	524288
8	$\mathcal{O}(0; \{2^9, 4^{15}, 8^4\})$	2097152
8	$\mathcal{O}(0; \{2^6, 4^{17}, 8^4\})$	8388608
8	$\mathcal{O}(0; \{2^3, 4^{19}, 8^4\})$	33554432
8	$\mathcal{O}(0; \{4^{21}, 8^4\})$	134217728
8	$\mathcal{O}(0; \{2^{28}, 8^6\})$	1024
8	$\mathcal{O}(0; \{2^{25}, 4^2, 8^6\})$	4096
8	$\mathcal{O}(0; \{2^{22}, 4^4, 8^6\})$	16384
8	$\mathcal{O}(0; \{2^{19}, 4^6, 8^6\})$	65536
8	$\mathcal{O}(0; \{2^{16}, 4^8, 8^6\})$	262144
8	$\mathcal{O}(0; \{2^{13}, 4^{10}, 8^6\})$	1048576
8	$\mathcal{O}(0; \{2^{10}, 4^{12}, 8^6\})$	4194304
8	$\mathcal{O}(0; \{2^7, 4^{14}, 8^6\})$	16777216
8	$\mathcal{O}(0; \{2^4, 4^{16}, 8^6\})$	67108864
8	$\mathcal{O}(0; \{2, 4^{18}, 8^6\})$	268435456
8	$\mathcal{O}(0; \{2^{23}, 4, 8^8\})$	32768
8	$\mathcal{O}(0; \{2^{20}, 4^3, 8^8\})$	131072
8	$\mathcal{O}(0; \{2^{17}, 4^5, 8^8\})$	524288
8	$\mathcal{O}(0; \{2^{14}, 4^7, 8^8\})$	2097152
8	$\mathcal{O}(0; \{2^{11}, 4^9, 8^8\})$	8388608
8	$\mathcal{O}(0; \{2^8, 4^{11}, 8^8\})$	33554432
8	$\mathcal{O}(0; \{2^5, 4^{13}, 8^8\})$	134217728
8	$\mathcal{O}(0; \{2^2, 4^{15}, 8^8\})$	536870912
8	$\mathcal{O}(0; \{2^{21}, 8^{10}\})$	262144
8	$\mathcal{O}(0; \{2^{18}, 4^2, 8^{10}\})$	1048576
8	$\mathcal{O}(0; \{2^{15}, 4^4, 8^{10}\})$	4194304

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{2^{12}, 4^6, 8^{10}\})$	16777216
8	$\mathcal{O}(0; \{2^9, 4^8, 8^{10}\})$	67108864
8	$\mathcal{O}(0; \{2^6, 4^{10}, 8^{10}\})$	268435456
8	$\mathcal{O}(0; \{2^3, 4^{12}, 8^{10}\})$	1073741824
8	$\mathcal{O}(0; \{4^{14}, 8^{10}\})$	4294967296
8	$\mathcal{O}(0; \{2^{16}, 4, 8^{12}\})$	8388608
8	$\mathcal{O}(0; \{2^{13}, 4^3, 8^{12}\})$	33554432
8	$\mathcal{O}(0; \{2^{10}, 4^5, 8^{12}\})$	134217728
8	$\mathcal{O}(0; \{2^7, 4^7, 8^{12}\})$	536870912
8	$\mathcal{O}(0; \{2^4, 4^9, 8^{12}\})$	2147483648
8	$\mathcal{O}(0; \{2, 4^{11}, 8^{12}\})$	8589934592
8	$\mathcal{O}(0; \{2^{14}, 8^{14}\})$	67108864
8	$\mathcal{O}(0; \{2^{11}, 4^2, 8^{14}\})$	268435456
8	$\mathcal{O}(0; \{2^8, 4^4, 8^{14}\})$	1073741824
8	$\mathcal{O}(0; \{2^5, 4^6, 8^{14}\})$	4294967296
8	$\mathcal{O}(0; \{2^2, 4^8, 8^{14}\})$	17179869184
8	$\mathcal{O}(0; \{2^9, 4, 8^{16}\})$	2147483648
8	$\mathcal{O}(0; \{2^6, 4^3, 8^{16}\})$	8589934592
8	$\mathcal{O}(0; \{2^3, 4^5, 8^{16}\})$	34359738368
8	$\mathcal{O}(0; \{4^7, 8^{16}\})$	137438953472
8	$\mathcal{O}(0; \{2^7, 8^{18}\})$	17179869184
8	$\mathcal{O}(0; \{2^4, 4^2, 8^{18}\})$	68719476736
8	$\mathcal{O}(0; \{2, 4^4, 8^{18}\})$	274877906944
8	$\mathcal{O}(0; \{2^2, 4, 8^{20}\})$	549755813888
8	$\mathcal{O}(0; \{8^{22}\})$	4398046511104
9	$\mathcal{O}(8; \{3^2\})$	3706040291610240
9	$\mathcal{O}(7; \{3^5\})$	228767876719920
9	$\mathcal{O}(7; \{3, 9^3\})$	823564528378596
9	$\mathcal{O}(6; \{3^8\})$	24288894433440
9	$\mathcal{O}(6; \{3^4, 9^3\})$	81339706506528
9	$\mathcal{O}(6; \{9^6\})$	1509868302027426
9	$\mathcal{O}(5; \{3^{11}\})$	2377946690064
9	$\mathcal{O}(5; \{3^7, 9^3\})$	8033551259904
9	$\mathcal{O}(5; \{3^3, 9^6\})$	149122795261968
9	$\mathcal{O}(4; \{3^{14}\})$	235085353920
9	$\mathcal{O}(4; \{3^{10}, 9^3\})$	793437161472
9	$\mathcal{O}(4; \{3^6, 9^6\})$	14728177309824
9	$\mathcal{O}(4; \{3^2, 9^9\})$	192052084807080
9	$\mathcal{O}(3; \{3^{17}\})$	23186807280
9	$\mathcal{O}(3; \{3^{13}, 9^3\})$	78364164096
9	$\mathcal{O}(3; \{3^9, 9^6\})$	1454634796032
9	$\mathcal{O}(3; \{3^5, 9^9\})$	18968107141440
9	$\mathcal{O}(3; \{3, 9^{12}\})$	257199164555364

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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	$\mathcal{O}(2; \{3^{20}\})$	2264928480
9	$\mathcal{O}(2; \{3^{16}, 9^3\})$	7739670528
9	$\mathcal{O}(2; \{3^{12}, 9^6\})$	143667634176
9	$\mathcal{O}(2; \{3^8, 9^9\})$	1873393297920
9	$\mathcal{O}(2; \{3^4, 9^{12}\})$	25402386622752
9	$\mathcal{O}(2; \{9^{15}\})$	342743933049498
9	$\mathcal{O}(1; \{3^{23}\})$	201326544
9	$\mathcal{O}(1; \{3^{19}, 9^3\})$	764411904
9	$\mathcal{O}(1; \{3^{15}, 9^6\})$	14189395968
9	$\mathcal{O}(1; \{3^{11}, 9^9\})$	185026498560
9	$\mathcal{O}(1; \{3^7, 9^{12}\})$	2508877691136
9	$\mathcal{O}(1; \{3^3, 9^{15}\})$	33851252646864
9	$\mathcal{O}(0; \{3^{22}, 9^3\})$	75497472
9	$\mathcal{O}(0; \{3^{18}, 9^6\})$	1401421824
9	$\mathcal{O}(0; \{3^{14}, 9^9\})$	18274222080
9	$\mathcal{O}(0; \{3^{10}, 9^{12}\})$	247790389248
9	$\mathcal{O}(0; \{3^6, 9^{15}\})$	3343333594752
9	$\mathcal{O}(0; \{3^2, 9^{18}\})$	45138102893064
10	$\mathcal{O}(7; \{10^2\})$	400000000000000
10	$\mathcal{O}(6; \{2, 5^3, 10\})$	520000000000000
10	$\mathcal{O}(6; \{2^4, 10^2\})$	400000000000000
10	$\mathcal{O}(5; \{2^2, 5^6\})$	820000000000000
10	$\mathcal{O}(5; \{2^5, 5^3, 10\})$	520000000000000
10	$\mathcal{O}(5; \{2^8, 10^2\})$	400000000000000
10	$\mathcal{O}(5; \{5^5, 10^2\})$	327600000000000
10	$\mathcal{O}(5; \{2^3, 5^2, 10^3\})$	204000000000000
10	$\mathcal{O}(5; \{2, 5, 10^5\})$	820000000000000
10	$\mathcal{O}(4; \{2^6, 5^6\})$	820000000000000
10	$\mathcal{O}(4; \{2^9, 5^3, 10\})$	520000000000000
10	$\mathcal{O}(4; \{2, 5^8, 10\})$	524280000000000
10	$\mathcal{O}(4; \{2^{12}, 10^2\})$	400000000000000
10	$\mathcal{O}(4; \{2^4, 5^5, 10^2\})$	327600000000000
10	$\mathcal{O}(4; \{2^7, 5^2, 10^3\})$	204000000000000
10	$\mathcal{O}(4; \{2^2, 5^4, 10^4\})$	131080000000000
10	$\mathcal{O}(4; \{2^5, 5, 10^5\})$	820000000000000
10	$\mathcal{O}(4; \{5^3, 10^6\})$	524280000000000
10	$\mathcal{O}(4; \{2^3, 10^7\})$	327600000000000
10	$\mathcal{O}(3; \{2^{10}, 5^6\})$	820000000000000
10	$\mathcal{O}(3; \{2^2, 5^{11}\})$	838860000000000
10	$\mathcal{O}(3; \{2^{13}, 5^3, 10\})$	520000000000000
10	$\mathcal{O}(3; \{2^5, 5^8, 10\})$	524280000000000
10	$\mathcal{O}(3; \{2^{16}, 10^2\})$	400000000000000
10	$\mathcal{O}(3; \{2^8, 5^5, 10^2\})$	327600000000000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{5^{10}, 10^2\})$	3355444000000
10	$\mathcal{O}(3; \{2^{11}, 5^2, 10^3\})$	204000000
10	$\mathcal{O}(3; \{2^3, 5^7, 10^3\})$	209716000000
10	$\mathcal{O}(3; \{2^6, 5^4, 10^4\})$	13108000000
10	$\mathcal{O}(3; \{2^9, 5, 10^5\})$	820000000
10	$\mathcal{O}(3; \{2, 5^6, 10^5\})$	838860000000
10	$\mathcal{O}(3; \{2^4, 5^3, 10^6\})$	52428000000
10	$\mathcal{O}(3; \{2^7, 10^7\})$	3276000000
10	$\mathcal{O}(3; \{2^2, 5^2, 10^8\})$	209716000000
10	$\mathcal{O}(3; \{5, 10^{10}\})$	838860000000
10	$\mathcal{O}(2; \{2^{14}, 5^6\})$	8200000
10	$\mathcal{O}(2; \{2^6, 5^{11}\})$	8388600000
10	$\mathcal{O}(2; \{2^{17}, 5^3, 10\})$	520000
10	$\mathcal{O}(2; \{2^9, 5^8, 10\})$	524280000
10	$\mathcal{O}(2; \{2, 5^{13}, 10\})$	536870920000
10	$\mathcal{O}(2; \{2^{20}, 10^2\})$	40000
10	$\mathcal{O}(2; \{2^{12}, 5^5, 10^2\})$	32760000
10	$\mathcal{O}(2; \{2^4, 5^{10}, 10^2\})$	33554440000
10	$\mathcal{O}(2; \{2^{15}, 5^2, 10^3\})$	2040000
10	$\mathcal{O}(2; \{2^7, 5^7, 10^3\})$	2097160000
10	$\mathcal{O}(2; \{2^{10}, 5^4, 10^4\})$	131080000
10	$\mathcal{O}(2; \{2^2, 5^9, 10^4\})$	134217720000
10	$\mathcal{O}(2; \{2^{13}, 5, 10^5\})$	8200000
10	$\mathcal{O}(2; \{2^5, 5^6, 10^5\})$	8388600000
10	$\mathcal{O}(2; \{2^8, 5^3, 10^6\})$	524280000
10	$\mathcal{O}(2; \{5^8, 10^6\})$	536870920000
10	$\mathcal{O}(2; \{2^{11}, 10^7\})$	32760000
10	$\mathcal{O}(2; \{2^3, 5^5, 10^7\})$	33554440000
10	$\mathcal{O}(2; \{2^6, 5^2, 10^8\})$	2097160000
10	$\mathcal{O}(2; \{2, 5^4, 10^9\})$	134217720000
10	$\mathcal{O}(2; \{2^4, 5, 10^{10}\})$	8388600000
10	$\mathcal{O}(2; \{2^2, 10^{12}\})$	33554440000
10	$\mathcal{O}(1; \{2^{18}, 5^6\})$	82000
10	$\mathcal{O}(1; \{2^{10}, 5^{11}\})$	83886000
10	$\mathcal{O}(1; \{2^2, 5^{16}\})$	85899346000
10	$\mathcal{O}(1; \{2^{21}, 5^3, 10\})$	5200
10	$\mathcal{O}(1; \{2^{13}, 5^8, 10\})$	5242800
10	$\mathcal{O}(1; \{2^5, 5^{13}, 10\})$	5368709200
10	$\mathcal{O}(1; \{2^{24}, 10^2\})$	400
10	$\mathcal{O}(1; \{2^{16}, 5^5, 10^2\})$	327600
10	$\mathcal{O}(1; \{2^8, 5^{10}, 10^2\})$	335544400
10	$\mathcal{O}(1; \{5^{15}, 10^2\})$	343597383600
10	$\mathcal{O}(1; \{2^{19}, 5^2, 10^3\})$	20400

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{2^{11}, 5^7, 10^3\})$	20971600
10	$\mathcal{O}(1; \{2^3, 5^{12}, 10^3\})$	21474836400
10	$\mathcal{O}(1; \{2^{14}, 5^4, 10^4\})$	1310800
10	$\mathcal{O}(1; \{2^6, 5^9, 10^4\})$	1342177200
10	$\mathcal{O}(1; \{2^{17}, 5, 10^5\})$	82000
10	$\mathcal{O}(1; \{2^9, 5^6, 10^5\})$	83886000
10	$\mathcal{O}(1; \{2, 5^{11}, 10^5\})$	85899346000
10	$\mathcal{O}(1; \{2^{12}, 5^3, 10^6\})$	5242800
10	$\mathcal{O}(1; \{2^4, 5^8, 10^6\})$	5368709200
10	$\mathcal{O}(1; \{2^{15}, 10^7\})$	327600
10	$\mathcal{O}(1; \{2^7, 5^5, 10^7\})$	335544400
10	$\mathcal{O}(1; \{2^{10}, 5^2, 10^8\})$	20971600
10	$\mathcal{O}(1; \{2^2, 5^7, 10^8\})$	21474836400
10	$\mathcal{O}(1; \{2^5, 5^4, 10^9\})$	1342177200
10	$\mathcal{O}(1; \{2^8, 5, 10^{10}\})$	83886000
10	$\mathcal{O}(1; \{5^6, 10^{10}\})$	85899346000
10	$\mathcal{O}(1; \{2^3, 5^3, 10^{11}\})$	5368709200
10	$\mathcal{O}(1; \{2^6, 10^{12}\})$	335544400
10	$\mathcal{O}(1; \{2, 5^2, 10^{13}\})$	21474836400
10	$\mathcal{O}(0; \{2^{22}, 5^6\})$	820
10	$\mathcal{O}(0; \{2^{14}, 5^{11}\})$	838860
10	$\mathcal{O}(0; \{2^6, 5^{16}\})$	858993460
10	$\mathcal{O}(0; \{2^{25}, 5^3, 10\})$	52
10	$\mathcal{O}(0; \{2^{17}, 5^8, 10\})$	52428
10	$\mathcal{O}(0; \{2^9, 5^{13}, 10\})$	53687092
10	$\mathcal{O}(0; \{2, 5^{18}, 10\})$	54975581388
10	$\mathcal{O}(0; \{2^{28}, 10^2\})$	4
10	$\mathcal{O}(0; \{2^{20}, 5^5, 10^2\})$	3276
10	$\mathcal{O}(0; \{2^{12}, 5^{10}, 10^2\})$	3355444
10	$\mathcal{O}(0; \{2^4, 5^{15}, 10^2\})$	3435973836
10	$\mathcal{O}(0; \{2^{23}, 5^2, 10^3\})$	204
10	$\mathcal{O}(0; \{2^{15}, 5^7, 10^3\})$	209716
10	$\mathcal{O}(0; \{2^7, 5^{12}, 10^3\})$	214748364
10	$\mathcal{O}(0; \{2^{18}, 5^4, 10^4\})$	13108
10	$\mathcal{O}(0; \{2^{10}, 5^9, 10^4\})$	13421772
10	$\mathcal{O}(0; \{2^2, 5^{14}, 10^4\})$	13743895348
10	$\mathcal{O}(0; \{2^{21}, 5, 10^5\})$	820
10	$\mathcal{O}(0; \{2^{13}, 5^6, 10^5\})$	838860
10	$\mathcal{O}(0; \{2^5, 5^{11}, 10^5\})$	858993460
10	$\mathcal{O}(0; \{2^{16}, 5^3, 10^6\})$	52428
10	$\mathcal{O}(0; \{2^8, 5^8, 10^6\})$	53687092
10	$\mathcal{O}(0; \{5^{13}, 10^6\})$	54975581388
10	$\mathcal{O}(0; \{2^{19}, 10^7\})$	3276

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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	$\mathcal{O}(0; \{2^{11}, 5^5, 10^7\})$	3355444
10	$\mathcal{O}(0; \{2^3, 5^{10}, 10^7\})$	3435973836
10	$\mathcal{O}(0; \{2^{14}, 5^2, 10^8\})$	209716
10	$\mathcal{O}(0; \{2^6, 5^7, 10^8\})$	214748364
10	$\mathcal{O}(0; \{2^9, 5^4, 10^9\})$	13421772
10	$\mathcal{O}(0; \{2, 5^9, 10^9\})$	13743895348
10	$\mathcal{O}(0; \{2^{12}, 5, 10^{10}\})$	838860
10	$\mathcal{O}(0; \{2^4, 5^6, 10^{10}\})$	858993460
10	$\mathcal{O}(0; \{2^7, 5^3, 10^{11}\})$	53687092
10	$\mathcal{O}(0; \{2^{10}, 10^{12}\})$	3355444
10	$\mathcal{O}(0; \{2^2, 5^5, 10^{12}\})$	3435973836
10	$\mathcal{O}(0; \{2^5, 5^2, 10^{13}\})$	214748364
10	$\mathcal{O}(0; \{5^4, 10^{14}\})$	13743895348
10	$\mathcal{O}(0; \{2^3, 5, 10^{15}\})$	858993460
10	$\mathcal{O}(0; \{2, 10^{17}\})$	3435973836
11	$\mathcal{O}(5; \{11^5\})$	235771189623090
11	$\mathcal{O}(0; \{11^{16}\})$	909090909090910
12	$\mathcal{O}(6; \{4^2\})$	17832167342080
12	$\mathcal{O}(5; \{2^4, 4^2\})$	123832631296
12	$\mathcal{O}(5; \{3^3, 4^2\})$	247669456896
12	$\mathcal{O}(5; \{2, 4^4\})$	495330525184
12	$\mathcal{O}(5; \{2, 3, 4^2, 6\})$	247669456896
12	$\mathcal{O}(5; \{2, 3^2, 4, 12\})$	247669456896
12	$\mathcal{O}(5; \{2^2, 4, 6, 12\})$	247669456896
12	$\mathcal{O}(5; \{2^2, 3, 12^2\})$	247669456896
12	$\mathcal{O}(5; \{6^2, 12^2\})$	743008370688
12	$\mathcal{O}(5; \{4, 12^3\})$	990677827584
12	$\mathcal{O}(4; \{2^8, 4^2\})$	859832320
12	$\mathcal{O}(4; \{2^4, 3^3, 4^2\})$	1719926784
12	$\mathcal{O}(4; \{3^6, 4^2\})$	18919194624
12	$\mathcal{O}(4; \{2^5, 4^4\})$	3439329280
12	$\mathcal{O}(4; \{2, 3^3, 4^4\})$	6879707136
12	$\mathcal{O}(4; \{2^2, 4^6\})$	13757317120
12	$\mathcal{O}(4; \{2^5, 3, 4^2, 6\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^4, 4^2, 6\})$	8599633920
12	$\mathcal{O}(4; \{2^2, 3, 4^4, 6\})$	6879707136
12	$\mathcal{O}(4; \{2^2, 3^2, 4^2, 6^2\})$	5159780352
12	$\mathcal{O}(4; \{2^3, 4^2, 6^3\})$	1719926784
12	$\mathcal{O}(4; \{4^4, 6^3\})$	6879707136
12	$\mathcal{O}(4; \{3, 4^2, 6^4\})$	8599633920
12	$\mathcal{O}(4; \{2^5, 3^2, 4, 12\})$	1719926784
12	$\mathcal{O}(4; \{2, 3^5, 4, 12\})$	18919194624
12	$\mathcal{O}(4; \{2^2, 3^2, 4^3, 12\})$	6879707136

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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	$\mathcal{O}(4; \{2^6, 4, 6, 12\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3^3, 4, 6, 12\})$	8599633920
12	$\mathcal{O}(4; \{2^3, 4^3, 6, 12\})$	6879707136
12	$\mathcal{O}(4; \{4^5, 6, 12\})$	27518828544
12	$\mathcal{O}(4; \{2^3, 3, 4, 6^2, 12\})$	5159780352
12	$\mathcal{O}(4; \{3, 4^3, 6^2, 12\})$	20639121408
12	$\mathcal{O}(4; \{3^2, 4, 6^3, 12\})$	18919194624
12	$\mathcal{O}(4; \{2, 4, 6^4, 12\})$	8599633920
12	$\mathcal{O}(4; \{2^6, 3, 12^2\})$	1719926784
12	$\mathcal{O}(4; \{2^2, 3^4, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2^3, 3, 4^2, 12^2\})$	6879707136
12	$\mathcal{O}(4; \{3, 4^4, 12^2\})$	27518828544
12	$\mathcal{O}(4; \{2^3, 3^2, 6, 12^2\})$	8599633920
12	$\mathcal{O}(4; \{3^2, 4^2, 6, 12^2\})$	34398535680
12	$\mathcal{O}(4; \{2^4, 6^2, 12^2\})$	5159780352
12	$\mathcal{O}(4; \{3^3, 6^2, 12^2\})$	36118462464
12	$\mathcal{O}(4; \{2, 4^2, 6^2, 12^2\})$	20639121408
12	$\mathcal{O}(4; \{2, 3, 6^3, 12^2\})$	18919194624
12	$\mathcal{O}(4; \{2^4, 4, 12^3\})$	6879707136
12	$\mathcal{O}(4; \{3^3, 4, 12^3\})$	75676778496
12	$\mathcal{O}(4; \{2, 4^3, 12^3\})$	27518828544
12	$\mathcal{O}(4; \{2, 3, 4, 6, 12^3\})$	34398535680
12	$\mathcal{O}(4; \{2, 3^2, 12^4\})$	75676778496
12	$\mathcal{O}(4; \{2^2, 6, 12^4\})$	34398535680
12	$\mathcal{O}(4; \{12^6\})$	302707113984
12	$\mathcal{O}(3; \{2^{12}, 4^2\})$	5963776
12	$\mathcal{O}(3; \{2^8, 3^3, 4^2\})$	11943936
12	$\mathcal{O}(3; \{2^4, 3^6, 4^2\})$	131383296
12	$\mathcal{O}(3; \{3^9, 4^2\})$	1015234560
12	$\mathcal{O}(3; \{2^9, 4^4\})$	23855104
12	$\mathcal{O}(3; \{2^5, 3^3, 4^4\})$	47775744
12	$\mathcal{O}(3; \{2, 3^6, 4^4\})$	525533184
12	$\mathcal{O}(3; \{2^6, 4^6\})$	95420416
12	$\mathcal{O}(3; \{2^2, 3^3, 4^6\})$	191102976
12	$\mathcal{O}(3; \{2^3, 4^8\})$	381681664
12	$\mathcal{O}(3; \{4^{10}\})$	1526726656
12	$\mathcal{O}(3; \{2^9, 3, 4^2, 6\})$	11943936
12	$\mathcal{O}(3; \{2^5, 3^4, 4^2, 6\})$	59719680
12	$\mathcal{O}(3; \{2, 3^7, 4^2, 6\})$	513589248
12	$\mathcal{O}(3; \{2^6, 3, 4^4, 6\})$	47775744
12	$\mathcal{O}(3; \{2^2, 3^4, 4^4, 6\})$	238878720
12	$\mathcal{O}(3; \{2^3, 3, 4^6, 6\})$	191102976
12	$\mathcal{O}(3; \{3, 4^8, 6\})$	764411904

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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	$\mathcal{O}(3; \{2^6, 3^2, 4^2, 6^2\})$	35831808
12	$\mathcal{O}(3; \{2^2, 3^5, 4^2, 6^2\})$	250822656
12	$\mathcal{O}(3; \{2^3, 3^2, 4^4, 6^2\})$	143327232
12	$\mathcal{O}(3; \{3^2, 4^6, 6^2\})$	573308928
12	$\mathcal{O}(3; \{2^7, 4^2, 6^3\})$	11943936
12	$\mathcal{O}(3; \{2^3, 3^3, 4^2, 6^3\})$	131383296
12	$\mathcal{O}(3; \{2^4, 4^4, 6^3\})$	47775744
12	$\mathcal{O}(3; \{3^3, 4^4, 6^3\})$	525533184
12	$\mathcal{O}(3; \{2, 4^6, 6^3\})$	191102976
12	$\mathcal{O}(3; \{2^4, 3, 4^2, 6^4\})$	59719680
12	$\mathcal{O}(3; \{3^4, 4^2, 6^4\})$	513589248
12	$\mathcal{O}(3; \{2, 3, 4^4, 6^4\})$	238878720
12	$\mathcal{O}(3; \{2, 3^2, 4^2, 6^5\})$	250822656
12	$\mathcal{O}(3; \{2^2, 4^2, 6^6\})$	131383296
12	$\mathcal{O}(3; \{2^9, 3^2, 4, 12\})$	11943936
12	$\mathcal{O}(3; \{2^5, 3^5, 4, 12\})$	131383296
12	$\mathcal{O}(3; \{2, 3^8, 4, 12\})$	1015234560
12	$\mathcal{O}(3; \{2^6, 3^2, 4^3, 12\})$	47775744
12	$\mathcal{O}(3; \{2^2, 3^5, 4^3, 12\})$	525533184
12	$\mathcal{O}(3; \{2^3, 3^2, 4^5, 12\})$	191102976
12	$\mathcal{O}(3; \{3^2, 4^7, 12\})$	764411904
12	$\mathcal{O}(3; \{2^{10}, 4, 6, 12\})$	11943936
12	$\mathcal{O}(3; \{2^6, 3^3, 4, 6, 12\})$	59719680
12	$\mathcal{O}(3; \{2^2, 3^6, 4, 6, 12\})$	513589248
12	$\mathcal{O}(3; \{2^7, 4^3, 6, 12\})$	47775744
12	$\mathcal{O}(3; \{2^3, 3^3, 4^3, 6, 12\})$	238878720
12	$\mathcal{O}(3; \{2^4, 4^5, 6, 12\})$	191102976
12	$\mathcal{O}(3; \{3^3, 4^5, 6, 12\})$	955514880
12	$\mathcal{O}(3; \{2, 4^7, 6, 12\})$	764411904
12	$\mathcal{O}(3; \{2^7, 3, 4, 6^2, 12\})$	35831808
12	$\mathcal{O}(3; \{2^3, 3^4, 4, 6^2, 12\})$	250822656
12	$\mathcal{O}(3; \{2^4, 3, 4^3, 6^2, 12\})$	143327232
12	$\mathcal{O}(3; \{3^4, 4^3, 6^2, 12\})$	1003290624
12	$\mathcal{O}(3; \{2, 3, 4^5, 6^2, 12\})$	573308928
12	$\mathcal{O}(3; \{2^4, 3^2, 4, 6^3, 12\})$	131383296
12	$\mathcal{O}(3; \{3^5, 4, 6^3, 12\})$	1015234560
12	$\mathcal{O}(3; \{2, 3^2, 4^3, 6^3, 12\})$	525533184
12	$\mathcal{O}(3; \{2^5, 4, 6^4, 12\})$	59719680
12	$\mathcal{O}(3; \{2, 3^3, 4, 6^4, 12\})$	513589248
12	$\mathcal{O}(3; \{2^2, 4^3, 6^4, 12\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3, 4, 6^5, 12\})$	250822656
12	$\mathcal{O}(3; \{4, 6^7, 12\})$	513589248
12	$\mathcal{O}(3; \{2^{10}, 3, 12^2\})$	11943936

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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	$\mathcal{O}(3; \{2^6, 3^4, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2^2, 3^7, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^7, 3, 4^2, 12^2\})$	47775744
12	$\mathcal{O}(3; \{2^3, 3^4, 4^2, 12^2\})$	525533184
12	$\mathcal{O}(3; \{2^4, 3, 4^4, 12^2\})$	191102976
12	$\mathcal{O}(3; \{3^4, 4^4, 12^2\})$	2102132736
12	$\mathcal{O}(3; \{2, 3, 4^6, 12^2\})$	764411904
12	$\mathcal{O}(3; \{2^7, 3^2, 6, 12^2\})$	59719680
12	$\mathcal{O}(3; \{2^3, 3^5, 6, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^4, 3^2, 4^2, 6, 12^2\})$	238878720
12	$\mathcal{O}(3; \{3^5, 4^2, 6, 12^2\})$	2054356992
12	$\mathcal{O}(3; \{2, 3^2, 4^4, 6, 12^2\})$	955514880
12	$\mathcal{O}(3; \{2^8, 6^2, 12^2\})$	35831808
12	$\mathcal{O}(3; \{2^4, 3^3, 6^2, 12^2\})$	250822656
12	$\mathcal{O}(3; \{3^6, 6^2, 12^2\})$	2042413056
12	$\mathcal{O}(3; \{2^5, 4^2, 6^2, 12^2\})$	143327232
12	$\mathcal{O}(3; \{2, 3^3, 4^2, 6^2, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{2^2, 4^4, 6^2, 12^2\})$	573308928
12	$\mathcal{O}(3; \{2^5, 3, 6^3, 12^2\})$	131383296
12	$\mathcal{O}(3; \{2, 3^4, 6^3, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^2, 3, 4^2, 6^3, 12^2\})$	525533184
12	$\mathcal{O}(3; \{2^2, 3^2, 6^4, 12^2\})$	513589248
12	$\mathcal{O}(3; \{2^3, 6^5, 12^2\})$	250822656
12	$\mathcal{O}(3; \{4^2, 6^5, 12^2\})$	1003290624
12	$\mathcal{O}(3; \{3, 6^6, 12^2\})$	1015234560
12	$\mathcal{O}(3; \{2^8, 4, 12^3\})$	47775744
12	$\mathcal{O}(3; \{2^4, 3^3, 4, 12^3\})$	525533184
12	$\mathcal{O}(3; \{3^6, 4, 12^3\})$	4060938240
12	$\mathcal{O}(3; \{2^5, 4^3, 12^3\})$	191102976
12	$\mathcal{O}(3; \{2, 3^3, 4^3, 12^3\})$	2102132736
12	$\mathcal{O}(3; \{2^2, 4^5, 12^3\})$	764411904
12	$\mathcal{O}(3; \{2^5, 3, 4, 6, 12^3\})$	238878720
12	$\mathcal{O}(3; \{2, 3^4, 4, 6, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2^2, 3, 4^3, 6, 12^3\})$	955514880
12	$\mathcal{O}(3; \{2^2, 3^2, 4, 6^2, 12^3\})$	1003290624
12	$\mathcal{O}(3; \{2^3, 4, 6^3, 12^3\})$	525533184
12	$\mathcal{O}(3; \{4^3, 6^3, 12^3\})$	2102132736
12	$\mathcal{O}(3; \{3, 4, 6^4, 12^3\})$	2054356992
12	$\mathcal{O}(3; \{2^5, 3^2, 12^4\})$	525533184
12	$\mathcal{O}(3; \{2, 3^5, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2^2, 3^2, 4^2, 12^4\})$	2102132736
12	$\mathcal{O}(3; \{2^6, 6, 12^4\})$	238878720
12	$\mathcal{O}(3; \{2^2, 3^3, 6, 12^4\})$	2054356992

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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	$\mathcal{O}(3; \{2^3, 4^2, 6, 12^4\})$	955514880
12	$\mathcal{O}(3; \{4^4, 6, 12^4\})$	3822059520
12	$\mathcal{O}(3; \{2^3, 3, 6^2, 12^4\})$	1003290624
12	$\mathcal{O}(3; \{3, 4^2, 6^2, 12^4\})$	4013162496
12	$\mathcal{O}(3; \{3^2, 6^3, 12^4\})$	4060938240
12	$\mathcal{O}(3; \{2, 6^4, 12^4\})$	2054356992
12	$\mathcal{O}(3; \{2^3, 3, 4, 12^5\})$	2102132736
12	$\mathcal{O}(3; \{3, 4^3, 12^5\})$	8408530944
12	$\mathcal{O}(3; \{3^2, 4, 6, 12^5\})$	8217427968
12	$\mathcal{O}(3; \{2, 4, 6^2, 12^5\})$	4013162496
12	$\mathcal{O}(3; \{2^4, 12^6\})$	2102132736
12	$\mathcal{O}(3; \{3^3, 12^6\})$	16243752960
12	$\mathcal{O}(3; \{2, 4^2, 12^6\})$	8408530944
12	$\mathcal{O}(3; \{2, 3, 6, 12^6\})$	8217427968
12	$\mathcal{O}(2; \{2^{16}, 4^2\})$	40960
12	$\mathcal{O}(2; \{2^{12}, 3^3, 4^2\})$	82944
12	$\mathcal{O}(2; \{2^8, 3^6, 4^2\})$	912384
12	$\mathcal{O}(2; \{2^4, 3^9, 4^2\})$	7050240
12	$\mathcal{O}(2; \{3^{12}, 4^2\})$	56650752
12	$\mathcal{O}(2; \{2^{13}, 4^4\})$	163840
12	$\mathcal{O}(2; \{2^9, 3^3, 4^4\})$	331776
12	$\mathcal{O}(2; \{2^5, 3^6, 4^4\})$	3649536
12	$\mathcal{O}(2; \{2, 3^9, 4^4\})$	28200960
12	$\mathcal{O}(2; \{2^{10}, 4^6\})$	655360
12	$\mathcal{O}(2; \{2^6, 3^3, 4^6\})$	1327104
12	$\mathcal{O}(2; \{2^2, 3^6, 4^6\})$	14598144
12	$\mathcal{O}(2; \{2^7, 4^8\})$	2621440
12	$\mathcal{O}(2; \{2^3, 3^3, 4^8\})$	5308416
12	$\mathcal{O}(2; \{2^4, 4^{10}\})$	10485760
12	$\mathcal{O}(2; \{3^3, 4^{10}\})$	21233664
12	$\mathcal{O}(2; \{2, 4^{12}\})$	41943040
12	$\mathcal{O}(2; \{2^{13}, 3, 4^2, 6\})$	82944
12	$\mathcal{O}(2; \{2^9, 3^4, 4^2, 6\})$	414720
12	$\mathcal{O}(2; \{2^5, 3^7, 4^2, 6\})$	3566592
12	$\mathcal{O}(2; \{2, 3^{10}, 4^2, 6\})$	28283904
12	$\mathcal{O}(2; \{2^{10}, 3, 4^4, 6\})$	331776
12	$\mathcal{O}(2; \{2^6, 3^4, 4^4, 6\})$	1658880
12	$\mathcal{O}(2; \{2^2, 3^7, 4^4, 6\})$	14266368
12	$\mathcal{O}(2; \{2^7, 3, 4^6, 6\})$	1327104
12	$\mathcal{O}(2; \{2^3, 3^4, 4^6, 6\})$	6635520
12	$\mathcal{O}(2; \{2^4, 3, 4^8, 6\})$	5308416
12	$\mathcal{O}(2; \{3^4, 4^8, 6\})$	26542080
12	$\mathcal{O}(2; \{2, 3, 4^{10}, 6\})$	21233664

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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	$\mathcal{O}(2; \{2^{10}, 3^2, 4^2, 6^2\})$	248832
12	$\mathcal{O}(2; \{2^6, 3^5, 4^2, 6^2\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^8, 4^2, 6^2\})$	14183424
12	$\mathcal{O}(2; \{2^7, 3^2, 4^4, 6^2\})$	995328
12	$\mathcal{O}(2; \{2^3, 3^5, 4^4, 6^2\})$	6967296
12	$\mathcal{O}(2; \{2^4, 3^2, 4^6, 6^2\})$	3981312
12	$\mathcal{O}(2; \{3^5, 4^6, 6^2\})$	27869184
12	$\mathcal{O}(2; \{2, 3^2, 4^8, 6^2\})$	15925248
12	$\mathcal{O}(2; \{2^{11}, 4^2, 6^3\})$	82944
12	$\mathcal{O}(2; \{2^7, 3^3, 4^2, 6^3\})$	912384
12	$\mathcal{O}(2; \{2^3, 3^6, 4^2, 6^3\})$	7050240
12	$\mathcal{O}(2; \{2^8, 4^4, 6^3\})$	331776
12	$\mathcal{O}(2; \{2^4, 3^3, 4^4, 6^3\})$	3649536
12	$\mathcal{O}(2; \{3^6, 4^4, 6^3\})$	28200960
12	$\mathcal{O}(2; \{2^5, 4^6, 6^3\})$	1327104
12	$\mathcal{O}(2; \{2, 3^3, 4^6, 6^3\})$	14598144
12	$\mathcal{O}(2; \{2^2, 4^8, 6^3\})$	5308416
12	$\mathcal{O}(2; \{2^8, 3, 4^2, 6^4\})$	414720
12	$\mathcal{O}(2; \{2^4, 3^4, 4^2, 6^4\})$	3566592
12	$\mathcal{O}(2; \{3^7, 4^2, 6^4\})$	28283904
12	$\mathcal{O}(2; \{2^5, 3, 4^4, 6^4\})$	1658880
12	$\mathcal{O}(2; \{2, 3^4, 4^4, 6^4\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3, 4^6, 6^4\})$	6635520
12	$\mathcal{O}(2; \{2^5, 3^2, 4^2, 6^5\})$	1741824
12	$\mathcal{O}(2; \{2, 3^5, 4^2, 6^5\})$	14183424
12	$\mathcal{O}(2; \{2^2, 3^2, 4^4, 6^5\})$	6967296
12	$\mathcal{O}(2; \{2^6, 4^2, 6^6\})$	912384
12	$\mathcal{O}(2; \{2^2, 3^3, 4^2, 6^6\})$	7050240
12	$\mathcal{O}(2; \{2^3, 4^4, 6^6\})$	3649536
12	$\mathcal{O}(2; \{4^6, 6^6\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3, 4^2, 6^7\})$	3566592
12	$\mathcal{O}(2; \{3, 4^4, 6^7\})$	14266368
12	$\mathcal{O}(2; \{3^2, 4^2, 6^8\})$	14183424
12	$\mathcal{O}(2; \{2, 4^2, 6^9\})$	7050240
12	$\mathcal{O}(2; \{2^{13}, 3^2, 4, 12\})$	82944
12	$\mathcal{O}(2; \{2^9, 3^5, 4, 12\})$	912384
12	$\mathcal{O}(2; \{2^5, 3^8, 4, 12\})$	7050240
12	$\mathcal{O}(2; \{2, 3^{11}, 4, 12\})$	56650752
12	$\mathcal{O}(2; \{2^{10}, 3^2, 4^3, 12\})$	331776
12	$\mathcal{O}(2; \{2^6, 3^5, 4^3, 12\})$	3649536
12	$\mathcal{O}(2; \{2^2, 3^8, 4^3, 12\})$	28200960
12	$\mathcal{O}(2; \{2^7, 3^2, 4^5, 12\})$	1327104
12	$\mathcal{O}(2; \{2^3, 3^5, 4^5, 12\})$	14598144

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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	$\mathcal{O}(2; \{2^4, 3^2, 4^7, 12\})$	5308416
12	$\mathcal{O}(2; \{3^5, 4^7, 12\})$	58392576
12	$\mathcal{O}(2; \{2, 3^2, 4^9, 12\})$	21233664
12	$\mathcal{O}(2; \{2^{14}, 4, 6, 12\})$	82944
12	$\mathcal{O}(2; \{2^{10}, 3^3, 4, 6, 12\})$	414720
12	$\mathcal{O}(2; \{2^6, 3^6, 4, 6, 12\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^9, 4, 6, 12\})$	28283904
12	$\mathcal{O}(2; \{2^{11}, 4^3, 6, 12\})$	331776
12	$\mathcal{O}(2; \{2^7, 3^3, 4^3, 6, 12\})$	1658880
12	$\mathcal{O}(2; \{2^3, 3^6, 4^3, 6, 12\})$	14266368
12	$\mathcal{O}(2; \{2^8, 4^5, 6, 12\})$	1327104
12	$\mathcal{O}(2; \{2^4, 3^3, 4^5, 6, 12\})$	6635520
12	$\mathcal{O}(2; \{3^6, 4^5, 6, 12\})$	57065472
12	$\mathcal{O}(2; \{2^5, 4^7, 6, 12\})$	5308416
12	$\mathcal{O}(2; \{2, 3^3, 4^7, 6, 12\})$	26542080
12	$\mathcal{O}(2; \{2^2, 4^9, 6, 12\})$	21233664
12	$\mathcal{O}(2; \{2^{11}, 3, 4, 6^2, 12\})$	248832
12	$\mathcal{O}(2; \{2^7, 3^4, 4, 6^2, 12\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^7, 4, 6^2, 12\})$	14183424
12	$\mathcal{O}(2; \{2^8, 3, 4^3, 6^2, 12\})$	995328
12	$\mathcal{O}(2; \{2^4, 3^4, 4^3, 6^2, 12\})$	6967296
12	$\mathcal{O}(2; \{3^7, 4^3, 6^2, 12\})$	56733696
12	$\mathcal{O}(2; \{2^5, 3, 4^5, 6^2, 12\})$	3981312
12	$\mathcal{O}(2; \{2, 3^4, 4^5, 6^2, 12\})$	27869184
12	$\mathcal{O}(2; \{2^2, 3, 4^7, 6^2, 12\})$	15925248
12	$\mathcal{O}(2; \{2^8, 3^2, 4, 6^3, 12\})$	912384
12	$\mathcal{O}(2; \{2^4, 3^5, 4, 6^3, 12\})$	7050240
12	$\mathcal{O}(2; \{3^8, 4, 6^3, 12\})$	56650752
12	$\mathcal{O}(2; \{2^5, 3^2, 4^3, 6^3, 12\})$	3649536
12	$\mathcal{O}(2; \{2, 3^5, 4^3, 6^3, 12\})$	28200960
12	$\mathcal{O}(2; \{2^2, 3^2, 4^5, 6^3, 12\})$	14598144
12	$\mathcal{O}(2; \{2^9, 4, 6^4, 12\})$	414720
12	$\mathcal{O}(2; \{2^5, 3^3, 4, 6^4, 12\})$	3566592
12	$\mathcal{O}(2; \{2, 3^6, 4, 6^4, 12\})$	28283904
12	$\mathcal{O}(2; \{2^6, 4^3, 6^4, 12\})$	1658880
12	$\mathcal{O}(2; \{2^2, 3^3, 4^3, 6^4, 12\})$	14266368
12	$\mathcal{O}(2; \{2^3, 4^5, 6^4, 12\})$	6635520
12	$\mathcal{O}(2; \{4^7, 6^4, 12\})$	26542080
12	$\mathcal{O}(2; \{2^6, 3, 4, 6^5, 12\})$	1741824
12	$\mathcal{O}(2; \{2^2, 3^4, 4, 6^5, 12\})$	14183424
12	$\mathcal{O}(2; \{2^3, 3, 4^3, 6^5, 12\})$	6967296
12	$\mathcal{O}(2; \{3, 4^5, 6^5, 12\})$	27869184
12	$\mathcal{O}(2; \{2^3, 3^2, 4, 6^6, 12\})$	7050240

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

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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	$\mathcal{O}(2; \{2^3, 3, 4^4, 6^3, 12^2\})$	14598144
12	$\mathcal{O}(2; \{3, 4^6, 6^3, 12^2\})$	58392576
12	$\mathcal{O}(2; \{2^6, 3^2, 6^4, 12^2\})$	3566592
12	$\mathcal{O}(2; \{2^2, 3^5, 6^4, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^3, 3^2, 4^2, 6^4, 12^2\})$	14266368
12	$\mathcal{O}(2; \{3^2, 4^4, 6^4, 12^2\})$	57065472
12	$\mathcal{O}(2; \{2^7, 6^5, 12^2\})$	1741824
12	$\mathcal{O}(2; \{2^3, 3^3, 6^5, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^4, 4^2, 6^5, 12^2\})$	6967296
12	$\mathcal{O}(2; \{3^3, 4^2, 6^5, 12^2\})$	56733696
12	$\mathcal{O}(2; \{2, 4^4, 6^5, 12^2\})$	27869184
12	$\mathcal{O}(2; \{2^4, 3, 6^6, 12^2\})$	7050240
12	$\mathcal{O}(2; \{3^4, 6^6, 12^2\})$	56650752
12	$\mathcal{O}(2; \{2, 3, 4^2, 6^6, 12^2\})$	28200960
12	$\mathcal{O}(2; \{2, 3^2, 6^7, 12^2\})$	28283904
12	$\mathcal{O}(2; \{2^2, 6^8, 12^2\})$	14183424
12	$\mathcal{O}(2; \{2^{12}, 4, 12^3\})$	331776
12	$\mathcal{O}(2; \{2^8, 3^3, 4, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^4, 3^6, 4, 12^3\})$	28200960
12	$\mathcal{O}(2; \{3^9, 4, 12^3\})$	226603008
12	$\mathcal{O}(2; \{2^9, 4^3, 12^3\})$	1327104
12	$\mathcal{O}(2; \{2^5, 3^3, 4^3, 12^3\})$	14598144
12	$\mathcal{O}(2; \{2, 3^6, 4^3, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2^6, 4^5, 12^3\})$	5308416
12	$\mathcal{O}(2; \{2^2, 3^3, 4^5, 12^3\})$	58392576
12	$\mathcal{O}(2; \{2^3, 4^7, 12^3\})$	21233664
12	$\mathcal{O}(2; \{4^9, 12^3\})$	84934656
12	$\mathcal{O}(2; \{2^9, 3, 4, 6, 12^3\})$	1658880
12	$\mathcal{O}(2; \{2^5, 3^4, 4, 6, 12^3\})$	14266368
12	$\mathcal{O}(2; \{2, 3^7, 4, 6, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2^6, 3, 4^3, 6, 12^3\})$	6635520
12	$\mathcal{O}(2; \{2^2, 3^4, 4^3, 6, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2^3, 3, 4^5, 6, 12^3\})$	26542080
12	$\mathcal{O}(2; \{3, 4^7, 6, 12^3\})$	106168320
12	$\mathcal{O}(2; \{2^6, 3^2, 4, 6^2, 12^3\})$	6967296
12	$\mathcal{O}(2; \{2^2, 3^5, 4, 6^2, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^3, 3^2, 4^3, 6^2, 12^3\})$	27869184
12	$\mathcal{O}(2; \{3^2, 4^5, 6^2, 12^3\})$	111476736
12	$\mathcal{O}(2; \{2^7, 4, 6^3, 12^3\})$	3649536
12	$\mathcal{O}(2; \{2^3, 3^3, 4, 6^3, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2^4, 4^3, 6^3, 12^3\})$	14598144
12	$\mathcal{O}(2; \{3^3, 4^3, 6^3, 12^3\})$	112803840
12	$\mathcal{O}(2; \{2, 4^5, 6^3, 12^3\})$	58392576

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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	$\mathcal{O}(2; \{2^4, 3, 4, 6^4, 12^3\})$	14266368
12	$\mathcal{O}(2; \{3^4, 4, 6^4, 12^3\})$	113135616
12	$\mathcal{O}(2; \{2, 3, 4^3, 6^4, 12^3\})$	57065472
12	$\mathcal{O}(2; \{2, 3^2, 4, 6^5, 12^3\})$	56733696
12	$\mathcal{O}(2; \{2^2, 4, 6^6, 12^3\})$	28200960
12	$\mathcal{O}(2; \{2^9, 3^2, 12^4\})$	3649536
12	$\mathcal{O}(2; \{2^5, 3^5, 12^4\})$	28200960
12	$\mathcal{O}(2; \{2, 3^8, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2^6, 3^2, 4^2, 12^4\})$	14598144
12	$\mathcal{O}(2; \{2^2, 3^5, 4^2, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2^3, 3^2, 4^4, 12^4\})$	58392576
12	$\mathcal{O}(2; \{3^2, 4^6, 12^4\})$	233570304
12	$\mathcal{O}(2; \{2^{10}, 6, 12^4\})$	1658880
12	$\mathcal{O}(2; \{2^6, 3^3, 6, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2^2, 3^6, 6, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^7, 4^2, 6, 12^4\})$	6635520
12	$\mathcal{O}(2; \{2^3, 3^3, 4^2, 6, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2^4, 4^4, 6, 12^4\})$	26542080
12	$\mathcal{O}(2; \{3^3, 4^4, 6, 12^4\})$	228261888
12	$\mathcal{O}(2; \{2, 4^6, 6, 12^4\})$	106168320
12	$\mathcal{O}(2; \{2^7, 3, 6^2, 12^4\})$	6967296
12	$\mathcal{O}(2; \{2^3, 3^4, 6^2, 12^4\})$	56733696
12	$\mathcal{O}(2; \{2^4, 3, 4^2, 6^2, 12^4\})$	27869184
12	$\mathcal{O}(2; \{3^4, 4^2, 6^2, 12^4\})$	226934784
12	$\mathcal{O}(2; \{2, 3, 4^4, 6^2, 12^4\})$	111476736
12	$\mathcal{O}(2; \{2^4, 3^2, 6^3, 12^4\})$	28200960
12	$\mathcal{O}(2; \{3^5, 6^3, 12^4\})$	226603008
12	$\mathcal{O}(2; \{2, 3^2, 4^2, 6^3, 12^4\})$	112803840
12	$\mathcal{O}(2; \{2^5, 6^4, 12^4\})$	14266368
12	$\mathcal{O}(2; \{2, 3^3, 6^4, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^2, 4^2, 6^4, 12^4\})$	57065472
12	$\mathcal{O}(2; \{2^2, 3, 6^5, 12^4\})$	56733696
12	$\mathcal{O}(2; \{6^7, 12^4\})$	113135616
12	$\mathcal{O}(2; \{2^7, 3, 4, 12^5\})$	14598144
12	$\mathcal{O}(2; \{2^3, 3^4, 4, 12^5\})$	112803840
12	$\mathcal{O}(2; \{2^4, 3, 4^3, 12^5\})$	58392576
12	$\mathcal{O}(2; \{3^4, 4^3, 12^5\})$	451215360
12	$\mathcal{O}(2; \{2, 3, 4^5, 12^5\})$	233570304
12	$\mathcal{O}(2; \{2^4, 3^2, 4, 6, 12^5\})$	57065472
12	$\mathcal{O}(2; \{3^5, 4, 6, 12^5\})$	452542464
12	$\mathcal{O}(2; \{2, 3^2, 4^3, 6, 12^5\})$	228261888
12	$\mathcal{O}(2; \{2^5, 4, 6^2, 12^5\})$	27869184
12	$\mathcal{O}(2; \{2, 3^3, 4, 6^2, 12^5\})$	226934784

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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	$\mathcal{O}(2; \{2^2, 4^3, 6^2, 12^5\})$	111476736
12	$\mathcal{O}(2; \{2^2, 3, 4, 6^3, 12^5\})$	112803840
12	$\mathcal{O}(2; \{4, 6^5, 12^5\})$	226934784
12	$\mathcal{O}(2; \{2^8, 12^6\})$	14598144
12	$\mathcal{O}(2; \{2^4, 3^3, 12^6\})$	112803840
12	$\mathcal{O}(2; \{3^6, 12^6\})$	906412032
12	$\mathcal{O}(2; \{2^5, 4^2, 12^6\})$	58392576
12	$\mathcal{O}(2; \{2, 3^3, 4^2, 12^6\})$	451215360
12	$\mathcal{O}(2; \{2^2, 4^4, 12^6\})$	233570304
12	$\mathcal{O}(2; \{2^5, 3, 6, 12^6\})$	57065472
12	$\mathcal{O}(2; \{2, 3^4, 6, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2^2, 3, 4^2, 6, 12^6\})$	228261888
12	$\mathcal{O}(2; \{2^2, 3^2, 6^2, 12^6\})$	226934784
12	$\mathcal{O}(2; \{2^3, 6^3, 12^6\})$	112803840
12	$\mathcal{O}(2; \{4^2, 6^3, 12^6\})$	451215360
12	$\mathcal{O}(2; \{3, 6^4, 12^6\})$	452542464
12	$\mathcal{O}(2; \{2^2, 3^2, 4, 12^7\})$	451215360
12	$\mathcal{O}(2; \{2^3, 4, 6, 12^7\})$	228261888
12	$\mathcal{O}(2; \{4^3, 6, 12^7\})$	913047552
12	$\mathcal{O}(2; \{3, 4, 6^2, 12^7\})$	907739136
12	$\mathcal{O}(2; \{2^3, 3, 12^8\})$	451215360
12	$\mathcal{O}(2; \{3, 4^2, 12^8\})$	1804861440
12	$\mathcal{O}(2; \{3^2, 6, 12^8\})$	1810169856
12	$\mathcal{O}(2; \{2, 6^2, 12^8\})$	907739136
12	$\mathcal{O}(2; \{2, 4, 12^9\})$	1804861440
12	$\mathcal{O}(1; \{2^{20}, 4^2\})$	256
12	$\mathcal{O}(1; \{2^{16}, 3^3, 4^2\})$	576
12	$\mathcal{O}(1; \{2^{12}, 3^6, 4^2\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^9, 4^2\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^{12}, 4^2\})$	393408
12	$\mathcal{O}(1; \{3^{15}, 4^2\})$	3145536
12	$\mathcal{O}(1; \{2^{17}, 4^4\})$	1024
12	$\mathcal{O}(1; \{2^{13}, 3^3, 4^4\})$	2304
12	$\mathcal{O}(1; \{2^9, 3^6, 4^4\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^9, 4^4\})$	195840
12	$\mathcal{O}(1; \{2, 3^{12}, 4^4\})$	1573632
12	$\mathcal{O}(1; \{2^{14}, 4^6\})$	4096
12	$\mathcal{O}(1; \{2^{10}, 3^3, 4^6\})$	9216
12	$\mathcal{O}(1; \{2^6, 3^6, 4^6\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^9, 4^6\})$	783360
12	$\mathcal{O}(1; \{2^{11}, 4^8\})$	16384
12	$\mathcal{O}(1; \{2^7, 3^3, 4^8\})$	36864
12	$\mathcal{O}(1; \{2^3, 3^6, 4^8\})$	405504

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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	$\mathcal{O}(1; \{2^8, 4^{10}\})$	65536
12	$\mathcal{O}(1; \{2^4, 3^3, 4^{10}\})$	147456
12	$\mathcal{O}(1; \{3^6, 4^{10}\})$	1622016
12	$\mathcal{O}(1; \{2^5, 4^{12}\})$	262144
12	$\mathcal{O}(1; \{2, 3^3, 4^{12}\})$	589824
12	$\mathcal{O}(1; \{2^2, 4^{14}\})$	1048576
12	$\mathcal{O}(1; \{2^{17}, 3, 4^2, 6\})$	576
12	$\mathcal{O}(1; \{2^{13}, 3^4, 4^2, 6\})$	2880
12	$\mathcal{O}(1; \{2^9, 3^7, 4^2, 6\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^{10}, 4^2, 6\})$	196416
12	$\mathcal{O}(1; \{2, 3^{13}, 4^2, 6\})$	1573056
12	$\mathcal{O}(1; \{2^{14}, 3, 4^4, 6\})$	2304
12	$\mathcal{O}(1; \{2^{10}, 3^4, 4^4, 6\})$	11520
12	$\mathcal{O}(1; \{2^6, 3^7, 4^4, 6\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^{10}, 4^4, 6\})$	785664
12	$\mathcal{O}(1; \{2^{11}, 3, 4^6, 6\})$	9216
12	$\mathcal{O}(1; \{2^7, 3^4, 4^6, 6\})$	46080
12	$\mathcal{O}(1; \{2^3, 3^7, 4^6, 6\})$	396288
12	$\mathcal{O}(1; \{2^8, 3, 4^8, 6\})$	36864
12	$\mathcal{O}(1; \{2^4, 3^4, 4^8, 6\})$	184320
12	$\mathcal{O}(1; \{3^7, 4^8, 6\})$	1585152
12	$\mathcal{O}(1; \{2^5, 3, 4^{10}, 6\})$	147456
12	$\mathcal{O}(1; \{2, 3^4, 4^{10}, 6\})$	737280
12	$\mathcal{O}(1; \{2^2, 3, 4^{12}, 6\})$	589824
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4^2, 6^2\})$	1728
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4^2, 6^2\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^8, 4^2, 6^2\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4^2, 6^2\})$	786240
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^4, 6^2\})$	6912
12	$\mathcal{O}(1; \{2^7, 3^5, 4^4, 6^2\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^8, 4^4, 6^2\})$	393984
12	$\mathcal{O}(1; \{2^8, 3^2, 4^6, 6^2\})$	27648
12	$\mathcal{O}(1; \{2^4, 3^5, 4^6, 6^2\})$	193536
12	$\mathcal{O}(1; \{3^8, 4^6, 6^2\})$	1575936
12	$\mathcal{O}(1; \{2^5, 3^2, 4^8, 6^2\})$	110592
12	$\mathcal{O}(1; \{2, 3^5, 4^8, 6^2\})$	774144
12	$\mathcal{O}(1; \{2^2, 3^2, 4^{10}, 6^2\})$	442368
12	$\mathcal{O}(1; \{2^{15}, 4^2, 6^3\})$	576
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^2, 6^3\})$	6336
12	$\mathcal{O}(1; \{2^7, 3^6, 4^2, 6^3\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^9, 4^2, 6^3\})$	393408
12	$\mathcal{O}(1; \{2^{12}, 4^4, 6^3\})$	2304
12	$\mathcal{O}(1; \{2^8, 3^3, 4^4, 6^3\})$	25344

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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	$\mathcal{O}(1; \{2^4, 3^6, 4^4, 6^3\})$	195840
12	$\mathcal{O}(1; \{3^9, 4^4, 6^3\})$	1573632
12	$\mathcal{O}(1; \{2^9, 4^6, 6^3\})$	9216
12	$\mathcal{O}(1; \{2^5, 3^3, 4^6, 6^3\})$	101376
12	$\mathcal{O}(1; \{2, 3^6, 4^6, 6^3\})$	783360
12	$\mathcal{O}(1; \{2^6, 4^8, 6^3\})$	36864
12	$\mathcal{O}(1; \{2^2, 3^3, 4^8, 6^3\})$	405504
12	$\mathcal{O}(1; \{2^3, 4^{10}, 6^3\})$	147456
12	$\mathcal{O}(1; \{4^{12}, 6^3\})$	589824
12	$\mathcal{O}(1; \{2^{12}, 3, 4^2, 6^4\})$	2880
12	$\mathcal{O}(1; \{2^8, 3^4, 4^2, 6^4\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^7, 4^2, 6^4\})$	196416
12	$\mathcal{O}(1; \{3^{10}, 4^2, 6^4\})$	1573056
12	$\mathcal{O}(1; \{2^9, 3, 4^4, 6^4\})$	11520
12	$\mathcal{O}(1; \{2^5, 3^4, 4^4, 6^4\})$	99072
12	$\mathcal{O}(1; \{2, 3^7, 4^4, 6^4\})$	785664
12	$\mathcal{O}(1; \{2^6, 3, 4^6, 6^4\})$	46080
12	$\mathcal{O}(1; \{2^2, 3^4, 4^6, 6^4\})$	396288
12	$\mathcal{O}(1; \{2^3, 3, 4^8, 6^4\})$	184320
12	$\mathcal{O}(1; \{3, 4^{10}, 6^4\})$	737280
12	$\mathcal{O}(1; \{2^9, 3^2, 4^2, 6^5\})$	12096
12	$\mathcal{O}(1; \{2^5, 3^5, 4^2, 6^5\})$	98496
12	$\mathcal{O}(1; \{2, 3^8, 4^2, 6^5\})$	786240
12	$\mathcal{O}(1; \{2^6, 3^2, 4^4, 6^5\})$	48384
12	$\mathcal{O}(1; \{2^2, 3^5, 4^4, 6^5\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^2, 4^6, 6^5\})$	193536
12	$\mathcal{O}(1; \{3^2, 4^8, 6^5\})$	774144
12	$\mathcal{O}(1; \{2^{10}, 4^2, 6^6\})$	6336
12	$\mathcal{O}(1; \{2^6, 3^3, 4^2, 6^6\})$	48960
12	$\mathcal{O}(1; \{2^2, 3^6, 4^2, 6^6\})$	393408
12	$\mathcal{O}(1; \{2^7, 4^4, 6^6\})$	25344
12	$\mathcal{O}(1; \{2^3, 3^3, 4^4, 6^6\})$	195840
12	$\mathcal{O}(1; \{2^4, 4^6, 6^6\})$	101376
12	$\mathcal{O}(1; \{3^3, 4^6, 6^6\})$	783360
12	$\mathcal{O}(1; \{2, 4^8, 6^6\})$	405504
12	$\mathcal{O}(1; \{2^7, 3, 4^2, 6^7\})$	24768
12	$\mathcal{O}(1; \{2^3, 3^4, 4^2, 6^7\})$	196416
12	$\mathcal{O}(1; \{2^4, 3, 4^4, 6^7\})$	99072
12	$\mathcal{O}(1; \{3^4, 4^4, 6^7\})$	785664
12	$\mathcal{O}(1; \{2, 3, 4^6, 6^7\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^2, 4^2, 6^8\})$	98496
12	$\mathcal{O}(1; \{3^5, 4^2, 6^8\})$	786240
12	$\mathcal{O}(1; \{2, 3^2, 4^4, 6^8\})$	393984

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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	$\mathcal{O}(1; \{2^5, 4^2, 6^9\})$	48960
12	$\mathcal{O}(1; \{2, 3^3, 4^2, 6^9\})$	393408
12	$\mathcal{O}(1; \{2^2, 4^4, 6^9\})$	195840
12	$\mathcal{O}(1; \{2^2, 3, 4^2, 6^{10}\})$	196416
12	$\mathcal{O}(1; \{4^2, 6^{12}\})$	393408
12	$\mathcal{O}(1; \{2^{17}, 3^2, 4, 12\})$	576
12	$\mathcal{O}(1; \{2^{13}, 3^5, 4, 12\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^8, 4, 12\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^{11}, 4, 12\})$	393408
12	$\mathcal{O}(1; \{2, 3^{14}, 4, 12\})$	3145536
12	$\mathcal{O}(1; \{2^{14}, 3^2, 4^3, 12\})$	2304
12	$\mathcal{O}(1; \{2^{10}, 3^5, 4^3, 12\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^8, 4^3, 12\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^{11}, 4^3, 12\})$	1573632
12	$\mathcal{O}(1; \{2^{11}, 3^2, 4^5, 12\})$	9216
12	$\mathcal{O}(1; \{2^7, 3^5, 4^5, 12\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^8, 4^5, 12\})$	783360
12	$\mathcal{O}(1; \{2^8, 3^2, 4^7, 12\})$	36864
12	$\mathcal{O}(1; \{2^4, 3^5, 4^7, 12\})$	405504
12	$\mathcal{O}(1; \{3^8, 4^7, 12\})$	3133440
12	$\mathcal{O}(1; \{2^5, 3^2, 4^9, 12\})$	147456
12	$\mathcal{O}(1; \{2, 3^5, 4^9, 12\})$	1622016
12	$\mathcal{O}(1; \{2^2, 3^2, 4^{11}, 12\})$	589824
12	$\mathcal{O}(1; \{2^{18}, 4, 6, 12\})$	576
12	$\mathcal{O}(1; \{2^{14}, 3^3, 4, 6, 12\})$	2880
12	$\mathcal{O}(1; \{2^{10}, 3^6, 4, 6, 12\})$	24768
12	$\mathcal{O}(1; \{2^6, 3^9, 4, 6, 12\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^{12}, 4, 6, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{15}, 4^3, 6, 12\})$	2304
12	$\mathcal{O}(1; \{2^{11}, 3^3, 4^3, 6, 12\})$	11520
12	$\mathcal{O}(1; \{2^7, 3^6, 4^3, 6, 12\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^9, 4^3, 6, 12\})$	785664
12	$\mathcal{O}(1; \{2^{12}, 4^5, 6, 12\})$	9216
12	$\mathcal{O}(1; \{2^8, 3^3, 4^5, 6, 12\})$	46080
12	$\mathcal{O}(1; \{2^4, 3^6, 4^5, 6, 12\})$	396288
12	$\mathcal{O}(1; \{3^9, 4^5, 6, 12\})$	3142656
12	$\mathcal{O}(1; \{2^9, 4^7, 6, 12\})$	36864
12	$\mathcal{O}(1; \{2^5, 3^3, 4^7, 6, 12\})$	184320
12	$\mathcal{O}(1; \{2, 3^6, 4^7, 6, 12\})$	1585152
12	$\mathcal{O}(1; \{2^6, 4^9, 6, 12\})$	147456
12	$\mathcal{O}(1; \{2^2, 3^3, 4^9, 6, 12\})$	737280
12	$\mathcal{O}(1; \{2^3, 4^{11}, 6, 12\})$	589824
12	$\mathcal{O}(1; \{4^{13}, 6, 12\})$	2359296

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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	$\mathcal{O}(1; \{2^{15}, 3, 4, 6^2, 12\})$	1728
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4, 6^2, 12\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^7, 4, 6^2, 12\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4, 6^2, 12\})$	786240
12	$\mathcal{O}(1; \{2^{12}, 3, 4^3, 6^2, 12\})$	6912
12	$\mathcal{O}(1; \{2^8, 3^4, 4^3, 6^2, 12\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^7, 4^3, 6^2, 12\})$	393984
12	$\mathcal{O}(1; \{3^{10}, 4^3, 6^2, 12\})$	3144960
12	$\mathcal{O}(1; \{2^9, 3, 4^5, 6^2, 12\})$	27648
12	$\mathcal{O}(1; \{2^5, 3^4, 4^5, 6^2, 12\})$	193536
12	$\mathcal{O}(1; \{2, 3^7, 4^5, 6^2, 12\})$	1575936
12	$\mathcal{O}(1; \{2^6, 3, 4^7, 6^2, 12\})$	110592
12	$\mathcal{O}(1; \{2^2, 3^4, 4^7, 6^2, 12\})$	774144
12	$\mathcal{O}(1; \{2^3, 3, 4^9, 6^2, 12\})$	442368
12	$\mathcal{O}(1; \{3, 4^{11}, 6^2, 12\})$	1769472
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4, 6^3, 12\})$	6336
12	$\mathcal{O}(1; \{2^8, 3^5, 4, 6^3, 12\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^8, 4, 6^3, 12\})$	393408
12	$\mathcal{O}(1; \{3^{11}, 4, 6^3, 12\})$	3145536
12	$\mathcal{O}(1; \{2^9, 3^2, 4^3, 6^3, 12\})$	25344
12	$\mathcal{O}(1; \{2^5, 3^5, 4^3, 6^3, 12\})$	195840
12	$\mathcal{O}(1; \{2, 3^8, 4^3, 6^3, 12\})$	1573632
12	$\mathcal{O}(1; \{2^6, 3^2, 4^5, 6^3, 12\})$	101376
12	$\mathcal{O}(1; \{2^2, 3^5, 4^5, 6^3, 12\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^2, 4^7, 6^3, 12\})$	405504
12	$\mathcal{O}(1; \{3^2, 4^9, 6^3, 12\})$	1622016
12	$\mathcal{O}(1; \{2^{13}, 4, 6^4, 12\})$	2880
12	$\mathcal{O}(1; \{2^9, 3^3, 4, 6^4, 12\})$	24768
12	$\mathcal{O}(1; \{2^5, 3^6, 4, 6^4, 12\})$	196416
12	$\mathcal{O}(1; \{2, 3^9, 4, 6^4, 12\})$	1573056
12	$\mathcal{O}(1; \{2^{10}, 4^3, 6^4, 12\})$	11520
12	$\mathcal{O}(1; \{2^6, 3^3, 4^3, 6^4, 12\})$	99072
12	$\mathcal{O}(1; \{2^2, 3^6, 4^3, 6^4, 12\})$	785664
12	$\mathcal{O}(1; \{2^7, 4^5, 6^4, 12\})$	46080
12	$\mathcal{O}(1; \{2^3, 3^3, 4^5, 6^4, 12\})$	396288
12	$\mathcal{O}(1; \{2^4, 4^7, 6^4, 12\})$	184320
12	$\mathcal{O}(1; \{3^3, 4^7, 6^4, 12\})$	1585152
12	$\mathcal{O}(1; \{2, 4^9, 6^4, 12\})$	737280
12	$\mathcal{O}(1; \{2^{10}, 3, 4, 6^5, 12\})$	12096
12	$\mathcal{O}(1; \{2^6, 3^4, 4, 6^5, 12\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^7, 4, 6^5, 12\})$	786240
12	$\mathcal{O}(1; \{2^7, 3, 4^3, 6^5, 12\})$	48384
12	$\mathcal{O}(1; \{2^3, 3^4, 4^3, 6^5, 12\})$	393984

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	$\mathcal{O}(1; \{2^4, 3, 4^5, 6^5, 12\})$	193536
12	$\mathcal{O}(1; \{3^4, 4^5, 6^5, 12\})$	1575936
12	$\mathcal{O}(1; \{2, 3, 4^7, 6^5, 12\})$	774144
12	$\mathcal{O}(1; \{2^7, 3^2, 4, 6^6, 12\})$	48960
12	$\mathcal{O}(1; \{2^3, 3^5, 4, 6^6, 12\})$	393408
12	$\mathcal{O}(1; \{2^4, 3^2, 4^3, 6^6, 12\})$	195840
12	$\mathcal{O}(1; \{3^5, 4^3, 6^6, 12\})$	1573632
12	$\mathcal{O}(1; \{2, 3^2, 4^5, 6^6, 12\})$	783360
12	$\mathcal{O}(1; \{2^8, 4, 6^7, 12\})$	24768
12	$\mathcal{O}(1; \{2^4, 3^3, 4, 6^7, 12\})$	196416
12	$\mathcal{O}(1; \{3^6, 4, 6^7, 12\})$	1573056
12	$\mathcal{O}(1; \{2^5, 4^3, 6^7, 12\})$	99072
12	$\mathcal{O}(1; \{2, 3^3, 4^3, 6^7, 12\})$	785664
12	$\mathcal{O}(1; \{2^2, 4^5, 6^7, 12\})$	396288
12	$\mathcal{O}(1; \{2^5, 3, 4, 6^8, 12\})$	98496
12	$\mathcal{O}(1; \{2, 3^4, 4, 6^8, 12\})$	786240
12	$\mathcal{O}(1; \{2^2, 3, 4^3, 6^8, 12\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^2, 4, 6^9, 12\})$	393408
12	$\mathcal{O}(1; \{2^3, 4, 6^{10}, 12\})$	196416
12	$\mathcal{O}(1; \{4^3, 6^{10}, 12\})$	785664
12	$\mathcal{O}(1; \{3, 4, 6^{11}, 12\})$	786240
12	$\mathcal{O}(1; \{2^{18}, 3, 12^2\})$	576
12	$\mathcal{O}(1; \{2^{14}, 3^4, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^{10}, 3^7, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^6, 3^{10}, 12^2\})$	393408
12	$\mathcal{O}(1; \{2^2, 3^{13}, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{15}, 3, 4^2, 12^2\})$	2304
12	$\mathcal{O}(1; \{2^{11}, 3^4, 4^2, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^7, 3^7, 4^2, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^3, 3^{10}, 4^2, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^{12}, 3, 4^4, 12^2\})$	9216
12	$\mathcal{O}(1; \{2^8, 3^4, 4^4, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^4, 3^7, 4^4, 12^2\})$	783360
12	$\mathcal{O}(1; \{3^{10}, 4^4, 12^2\})$	6294528
12	$\mathcal{O}(1; \{2^9, 3, 4^6, 12^2\})$	36864
12	$\mathcal{O}(1; \{2^5, 3^4, 4^6, 12^2\})$	405504
12	$\mathcal{O}(1; \{2, 3^7, 4^6, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2^6, 3, 4^8, 12^2\})$	147456
12	$\mathcal{O}(1; \{2^2, 3^4, 4^8, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2^3, 3, 4^{10}, 12^2\})$	589824
12	$\mathcal{O}(1; \{3, 4^{12}, 12^2\})$	2359296
12	$\mathcal{O}(1; \{2^{15}, 3^2, 6, 12^2\})$	2880
12	$\mathcal{O}(1; \{2^{11}, 3^5, 6, 12^2\})$	24768

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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	$\mathcal{O}(1; \{2^7, 3^8, 6, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^3, 3^{11}, 6, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^{12}, 3^2, 4^2, 6, 12^2\})$	11520
12	$\mathcal{O}(1; \{2^8, 3^5, 4^2, 6, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^4, 3^8, 4^2, 6, 12^2\})$	785664
12	$\mathcal{O}(1; \{3^{11}, 4^2, 6, 12^2\})$	6292224
12	$\mathcal{O}(1; \{2^9, 3^2, 4^4, 6, 12^2\})$	46080
12	$\mathcal{O}(1; \{2^5, 3^5, 4^4, 6, 12^2\})$	396288
12	$\mathcal{O}(1; \{2, 3^8, 4^4, 6, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2^6, 3^2, 4^6, 6, 12^2\})$	184320
12	$\mathcal{O}(1; \{2^2, 3^5, 4^6, 6, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^2, 4^8, 6, 12^2\})$	737280
12	$\mathcal{O}(1; \{3^2, 4^{10}, 6, 12^2\})$	2949120
12	$\mathcal{O}(1; \{2^{16}, 6^2, 12^2\})$	1728
12	$\mathcal{O}(1; \{2^{12}, 3^3, 6^2, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^8, 3^6, 6^2, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^4, 3^9, 6^2, 12^2\})$	786240
12	$\mathcal{O}(1; \{3^{12}, 6^2, 12^2\})$	6291648
12	$\mathcal{O}(1; \{2^{13}, 4^2, 6^2, 12^2\})$	6912
12	$\mathcal{O}(1; \{2^9, 3^3, 4^2, 6^2, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^5, 3^6, 4^2, 6^2, 12^2\})$	393984
12	$\mathcal{O}(1; \{2, 3^9, 4^2, 6^2, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^{10}, 4^4, 6^2, 12^2\})$	27648
12	$\mathcal{O}(1; \{2^6, 3^3, 4^4, 6^2, 12^2\})$	193536
12	$\mathcal{O}(1; \{2^2, 3^6, 4^4, 6^2, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^7, 4^6, 6^2, 12^2\})$	110592
12	$\mathcal{O}(1; \{2^3, 3^3, 4^6, 6^2, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^4, 4^8, 6^2, 12^2\})$	442368
12	$\mathcal{O}(1; \{3^3, 4^8, 6^2, 12^2\})$	3096576
12	$\mathcal{O}(1; \{2, 4^{10}, 6^2, 12^2\})$	1769472
12	$\mathcal{O}(1; \{2^{13}, 3, 6^3, 12^2\})$	6336
12	$\mathcal{O}(1; \{2^9, 3^4, 6^3, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^5, 3^7, 6^3, 12^2\})$	393408
12	$\mathcal{O}(1; \{2, 3^{10}, 6^3, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^{10}, 3, 4^2, 6^3, 12^2\})$	25344
12	$\mathcal{O}(1; \{2^6, 3^4, 4^2, 6^3, 12^2\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^7, 4^2, 6^3, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^7, 3, 4^4, 6^3, 12^2\})$	101376
12	$\mathcal{O}(1; \{2^3, 3^4, 4^4, 6^3, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^4, 3, 4^6, 6^3, 12^2\})$	405504
12	$\mathcal{O}(1; \{3^4, 4^6, 6^3, 12^2\})$	3133440
12	$\mathcal{O}(1; \{2, 3, 4^8, 6^3, 12^2\})$	1622016
12	$\mathcal{O}(1; \{2^{10}, 3^2, 6^4, 12^2\})$	24768

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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	$\mathcal{O}(1; \{2^6, 3^5, 6^4, 12^2\})$	196416
12	$\mathcal{O}(1; \{2^2, 3^8, 6^4, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^7, 3^2, 4^2, 6^4, 12^2\})$	99072
12	$\mathcal{O}(1; \{2^3, 3^5, 4^2, 6^4, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^4, 3^2, 4^4, 6^4, 12^2\})$	396288
12	$\mathcal{O}(1; \{3^5, 4^4, 6^4, 12^2\})$	3142656
12	$\mathcal{O}(1; \{2, 3^2, 4^6, 6^4, 12^2\})$	1585152
12	$\mathcal{O}(1; \{2^{11}, 6^5, 12^2\})$	12096
12	$\mathcal{O}(1; \{2^7, 3^3, 6^5, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^3, 3^6, 6^5, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^8, 4^2, 6^5, 12^2\})$	48384
12	$\mathcal{O}(1; \{2^4, 3^3, 4^2, 6^5, 12^2\})$	393984
12	$\mathcal{O}(1; \{3^6, 4^2, 6^5, 12^2\})$	3144960
12	$\mathcal{O}(1; \{2^5, 4^4, 6^5, 12^2\})$	193536
12	$\mathcal{O}(1; \{2, 3^3, 4^4, 6^5, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^2, 4^6, 6^5, 12^2\})$	774144
12	$\mathcal{O}(1; \{2^8, 3, 6^6, 12^2\})$	48960
12	$\mathcal{O}(1; \{2^4, 3^4, 6^6, 12^2\})$	393408
12	$\mathcal{O}(1; \{3^7, 6^6, 12^2\})$	3145536
12	$\mathcal{O}(1; \{2^5, 3, 4^2, 6^6, 12^2\})$	195840
12	$\mathcal{O}(1; \{2, 3^4, 4^2, 6^6, 12^2\})$	1573632
12	$\mathcal{O}(1; \{2^2, 3, 4^4, 6^6, 12^2\})$	783360
12	$\mathcal{O}(1; \{2^5, 3^2, 6^7, 12^2\})$	196416
12	$\mathcal{O}(1; \{2, 3^5, 6^7, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 6^7, 12^2\})$	785664
12	$\mathcal{O}(1; \{2^6, 6^8, 12^2\})$	98496
12	$\mathcal{O}(1; \{2^2, 3^3, 6^8, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^3, 4^2, 6^8, 12^2\})$	393984
12	$\mathcal{O}(1; \{4^4, 6^8, 12^2\})$	1575936
12	$\mathcal{O}(1; \{2^3, 3, 6^9, 12^2\})$	393408
12	$\mathcal{O}(1; \{3, 4^2, 6^9, 12^2\})$	1573632
12	$\mathcal{O}(1; \{3^2, 6^{10}, 12^2\})$	1573056
12	$\mathcal{O}(1; \{2, 6^{11}, 12^2\})$	786240
12	$\mathcal{O}(1; \{2^{16}, 4, 12^3\})$	2304
12	$\mathcal{O}(1; \{2^{12}, 3^3, 4, 12^3\})$	25344
12	$\mathcal{O}(1; \{2^8, 3^6, 4, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^9, 4, 12^3\})$	1573632
12	$\mathcal{O}(1; \{3^{12}, 4, 12^3\})$	12582144
12	$\mathcal{O}(1; \{2^{13}, 4^3, 12^3\})$	9216
12	$\mathcal{O}(1; \{2^9, 3^3, 4^3, 12^3\})$	101376
12	$\mathcal{O}(1; \{2^5, 3^6, 4^3, 12^3\})$	783360
12	$\mathcal{O}(1; \{2, 3^9, 4^3, 12^3\})$	6294528
12	$\mathcal{O}(1; \{2^{10}, 4^5, 12^3\})$	36864

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Table 10 – continued from previous page

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

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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	$\mathcal{O}(1; \{2, 3^5, 4, 6^5, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2^2, 3^2, 4^3, 6^5, 12^3\})$	1575936
12	$\mathcal{O}(1; \{2^6, 4, 6^6, 12^3\})$	195840
12	$\mathcal{O}(1; \{2^2, 3^3, 4, 6^6, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^3, 4^3, 6^6, 12^3\})$	783360
12	$\mathcal{O}(1; \{4^5, 6^6, 12^3\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3, 4, 6^7, 12^3\})$	785664
12	$\mathcal{O}(1; \{3, 4^3, 6^7, 12^3\})$	3142656
12	$\mathcal{O}(1; \{3^2, 4, 6^8, 12^3\})$	3144960
12	$\mathcal{O}(1; \{2, 4, 6^9, 12^3\})$	1573632
12	$\mathcal{O}(1; \{2^{13}, 3^2, 12^4\})$	25344
12	$\mathcal{O}(1; \{2^9, 3^5, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^5, 3^8, 12^4\})$	1573632
12	$\mathcal{O}(1; \{2, 3^{11}, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^{10}, 3^2, 4^2, 12^4\})$	101376
12	$\mathcal{O}(1; \{2^6, 3^5, 4^2, 12^4\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^8, 4^2, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^7, 3^2, 4^4, 12^4\})$	405504
12	$\mathcal{O}(1; \{2^3, 3^5, 4^4, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^4, 3^2, 4^6, 12^4\})$	1622016
12	$\mathcal{O}(1; \{3^5, 4^6, 12^4\})$	12533760
12	$\mathcal{O}(1; \{2, 3^2, 4^8, 12^4\})$	6488064
12	$\mathcal{O}(1; \{2^{14}, 6, 12^4\})$	11520
12	$\mathcal{O}(1; \{2^{10}, 3^3, 6, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^6, 3^6, 6, 12^4\})$	785664
12	$\mathcal{O}(1; \{2^2, 3^9, 6, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^{11}, 4^2, 6, 12^4\})$	46080
12	$\mathcal{O}(1; \{2^7, 3^3, 4^2, 6, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^3, 3^6, 4^2, 6, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^8, 4^4, 6, 12^4\})$	184320
12	$\mathcal{O}(1; \{2^4, 3^3, 4^4, 6, 12^4\})$	1585152
12	$\mathcal{O}(1; \{3^6, 4^4, 6, 12^4\})$	12570624
12	$\mathcal{O}(1; \{2^5, 4^6, 6, 12^4\})$	737280
12	$\mathcal{O}(1; \{2, 3^3, 4^6, 6, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2^2, 4^8, 6, 12^4\})$	2949120
12	$\mathcal{O}(1; \{2^{11}, 3, 6^2, 12^4\})$	48384
12	$\mathcal{O}(1; \{2^7, 3^4, 6^2, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^3, 3^7, 6^2, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^8, 3, 4^2, 6^2, 12^4\})$	193536
12	$\mathcal{O}(1; \{2^4, 3^4, 4^2, 6^2, 12^4\})$	1575936
12	$\mathcal{O}(1; \{3^7, 4^2, 6^2, 12^4\})$	12579840
12	$\mathcal{O}(1; \{2^5, 3, 4^4, 6^2, 12^4\})$	774144
12	$\mathcal{O}(1; \{2, 3^4, 4^4, 6^2, 12^4\})$	6303744

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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	$\mathcal{O}(1; \{2^2, 3, 4^6, 6^2, 12^4\})$	3096576
12	$\mathcal{O}(1; \{2^8, 3^2, 6^3, 12^4\})$	195840
12	$\mathcal{O}(1; \{2^4, 3^5, 6^3, 12^4\})$	1573632
12	$\mathcal{O}(1; \{3^8, 6^3, 12^4\})$	12582144
12	$\mathcal{O}(1; \{2^5, 3^2, 4^2, 6^3, 12^4\})$	783360
12	$\mathcal{O}(1; \{2, 3^5, 4^2, 6^3, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^2, 3^2, 4^4, 6^3, 12^4\})$	3133440
12	$\mathcal{O}(1; \{2^9, 6^4, 12^4\})$	99072
12	$\mathcal{O}(1; \{2^5, 3^3, 6^4, 12^4\})$	785664
12	$\mathcal{O}(1; \{2, 3^6, 6^4, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2^6, 4^2, 6^4, 12^4\})$	396288
12	$\mathcal{O}(1; \{2^2, 3^3, 4^2, 6^4, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2^3, 4^4, 6^4, 12^4\})$	1585152
12	$\mathcal{O}(1; \{4^6, 6^4, 12^4\})$	6340608
12	$\mathcal{O}(1; \{2^6, 3, 6^5, 12^4\})$	393984
12	$\mathcal{O}(1; \{2^2, 3^4, 6^5, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^3, 3, 4^2, 6^5, 12^4\})$	1575936
12	$\mathcal{O}(1; \{3, 4^4, 6^5, 12^4\})$	6303744
12	$\mathcal{O}(1; \{2^3, 3^2, 6^6, 12^4\})$	1573632
12	$\mathcal{O}(1; \{3^2, 4^2, 6^6, 12^4\})$	6294528
12	$\mathcal{O}(1; \{2^4, 6^7, 12^4\})$	785664
12	$\mathcal{O}(1; \{3^3, 6^7, 12^4\})$	6292224
12	$\mathcal{O}(1; \{2, 4^2, 6^7, 12^4\})$	3142656
12	$\mathcal{O}(1; \{2, 3, 6^8, 12^4\})$	3144960
12	$\mathcal{O}(1; \{2^{11}, 3, 4, 12^5\})$	101376
12	$\mathcal{O}(1; \{2^7, 3^4, 4, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^7, 4, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^8, 3, 4^3, 12^5\})$	405504
12	$\mathcal{O}(1; \{2^4, 3^4, 4^3, 12^5\})$	3133440
12	$\mathcal{O}(1; \{3^7, 4^3, 12^5\})$	25178112
12	$\mathcal{O}(1; \{2^5, 3, 4^5, 12^5\})$	1622016
12	$\mathcal{O}(1; \{2, 3^4, 4^5, 12^5\})$	12533760
12	$\mathcal{O}(1; \{2^2, 3, 4^7, 12^5\})$	6488064
12	$\mathcal{O}(1; \{2^8, 3^2, 4, 6, 12^5\})$	396288
12	$\mathcal{O}(1; \{2^4, 3^5, 4, 6, 12^5\})$	3142656
12	$\mathcal{O}(1; \{3^8, 4, 6, 12^5\})$	25168896
12	$\mathcal{O}(1; \{2^5, 3^2, 4^3, 6, 12^5\})$	1585152
12	$\mathcal{O}(1; \{2, 3^5, 4^3, 6, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^2, 3^2, 4^5, 6, 12^5\})$	6340608
12	$\mathcal{O}(1; \{2^9, 4, 6^2, 12^5\})$	193536
12	$\mathcal{O}(1; \{2^5, 3^3, 4, 6^2, 12^5\})$	1575936
12	$\mathcal{O}(1; \{2, 3^6, 4, 6^2, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2^6, 4^3, 6^2, 12^5\})$	774144

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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	$\mathcal{O}(1; \{2^2, 3^3, 4^3, 6^2, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2^3, 4^5, 6^2, 12^5\})$	3096576
12	$\mathcal{O}(1; \{4^7, 6^2, 12^5\})$	12386304
12	$\mathcal{O}(1; \{2^6, 3, 4, 6^3, 12^5\})$	783360
12	$\mathcal{O}(1; \{2^2, 3^4, 4, 6^3, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^3, 3, 4^3, 6^3, 12^5\})$	3133440
12	$\mathcal{O}(1; \{3, 4^5, 6^3, 12^5\})$	12533760
12	$\mathcal{O}(1; \{2^3, 3^2, 4, 6^4, 12^5\})$	3142656
12	$\mathcal{O}(1; \{3^2, 4^3, 6^4, 12^5\})$	12570624
12	$\mathcal{O}(1; \{2^4, 4, 6^5, 12^5\})$	1575936
12	$\mathcal{O}(1; \{3^3, 4, 6^5, 12^5\})$	12579840
12	$\mathcal{O}(1; \{2, 4^3, 6^5, 12^5\})$	6303744
12	$\mathcal{O}(1; \{2, 3, 4, 6^6, 12^5\})$	6294528
12	$\mathcal{O}(1; \{2^{12}, 12^6\})$	101376
12	$\mathcal{O}(1; \{2^8, 3^3, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^4, 3^6, 12^6\})$	6294528
12	$\mathcal{O}(1; \{3^9, 12^6\})$	50328576
12	$\mathcal{O}(1; \{2^9, 4^2, 12^6\})$	405504
12	$\mathcal{O}(1; \{2^5, 3^3, 4^2, 12^6\})$	3133440
12	$\mathcal{O}(1; \{2, 3^6, 4^2, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2^6, 4^4, 12^6\})$	1622016
12	$\mathcal{O}(1; \{2^2, 3^3, 4^4, 12^6\})$	12533760
12	$\mathcal{O}(1; \{2^3, 4^6, 12^6\})$	6488064
12	$\mathcal{O}(1; \{4^8, 12^6\})$	25952256
12	$\mathcal{O}(1; \{2^9, 3, 6, 12^6\})$	396288
12	$\mathcal{O}(1; \{2^5, 3^4, 6, 12^6\})$	3142656
12	$\mathcal{O}(1; \{2, 3^7, 6, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2^6, 3, 4^2, 6, 12^6\})$	1585152
12	$\mathcal{O}(1; \{2^2, 3^4, 4^2, 6, 12^6\})$	12570624
12	$\mathcal{O}(1; \{2^3, 3, 4^4, 6, 12^6\})$	6340608
12	$\mathcal{O}(1; \{3, 4^6, 6, 12^6\})$	25362432
12	$\mathcal{O}(1; \{2^6, 3^2, 6^2, 12^6\})$	1575936
12	$\mathcal{O}(1; \{2^2, 3^5, 6^2, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^3, 3^2, 4^2, 6^2, 12^6\})$	6303744
12	$\mathcal{O}(1; \{3^2, 4^4, 6^2, 12^6\})$	25214976
12	$\mathcal{O}(1; \{2^7, 6^3, 12^6\})$	783360
12	$\mathcal{O}(1; \{2^3, 3^3, 6^3, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^4, 4^2, 6^3, 12^6\})$	3133440
12	$\mathcal{O}(1; \{3^3, 4^2, 6^3, 12^6\})$	25178112
12	$\mathcal{O}(1; \{2, 4^4, 6^3, 12^6\})$	12533760
12	$\mathcal{O}(1; \{2^4, 3, 6^4, 12^6\})$	3142656
12	$\mathcal{O}(1; \{3^4, 6^4, 12^6\})$	25168896
12	$\mathcal{O}(1; \{2, 3, 4^2, 6^4, 12^6\})$	12570624

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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	$\mathcal{O}(1; \{2, 3^2, 6^5, 12^6\})$	12579840
12	$\mathcal{O}(1; \{2^2, 6^6, 12^6\})$	6294528
12	$\mathcal{O}(1; \{2^6, 3^2, 4, 12^7\})$	3133440
12	$\mathcal{O}(1; \{2^2, 3^5, 4, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2^3, 3^2, 4^3, 12^7\})$	12533760
12	$\mathcal{O}(1; \{3^2, 4^5, 12^7\})$	50135040
12	$\mathcal{O}(1; \{2^7, 4, 6, 12^7\})$	1585152
12	$\mathcal{O}(1; \{2^3, 3^3, 4, 6, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2^4, 4^3, 6, 12^7\})$	6340608
12	$\mathcal{O}(1; \{3^3, 4^3, 6, 12^7\})$	50282496
12	$\mathcal{O}(1; \{2, 4^5, 6, 12^7\})$	25362432
12	$\mathcal{O}(1; \{2^4, 3, 4, 6^2, 12^7\})$	6303744
12	$\mathcal{O}(1; \{3^4, 4, 6^2, 12^7\})$	50319360
12	$\mathcal{O}(1; \{2, 3, 4^3, 6^2, 12^7\})$	25214976
12	$\mathcal{O}(1; \{2, 3^2, 4, 6^3, 12^7\})$	25178112
12	$\mathcal{O}(1; \{2^2, 4, 6^4, 12^7\})$	12570624
12	$\mathcal{O}(1; \{2^7, 3, 12^8\})$	3133440
12	$\mathcal{O}(1; \{2^3, 3^4, 12^8\})$	25178112
12	$\mathcal{O}(1; \{2^4, 3, 4^2, 12^8\})$	12533760
12	$\mathcal{O}(1; \{3^4, 4^2, 12^8\})$	100712448
12	$\mathcal{O}(1; \{2, 3, 4^4, 12^8\})$	50135040
12	$\mathcal{O}(1; \{2^4, 3^2, 6, 12^8\})$	12570624
12	$\mathcal{O}(1; \{3^5, 6, 12^8\})$	100675584
12	$\mathcal{O}(1; \{2, 3^2, 4^2, 6, 12^8\})$	50282496
12	$\mathcal{O}(1; \{2^5, 6^2, 12^8\})$	6303744
12	$\mathcal{O}(1; \{2, 3^3, 6^2, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2^2, 4^2, 6^2, 12^8\})$	25214976
12	$\mathcal{O}(1; \{2^2, 3, 6^3, 12^8\})$	25178112
12	$\mathcal{O}(1; \{6^5, 12^8\})$	50319360
12	$\mathcal{O}(1; \{2^5, 4, 12^9\})$	12533760
12	$\mathcal{O}(1; \{2, 3^3, 4, 12^9\})$	100712448
12	$\mathcal{O}(1; \{2^2, 4^3, 12^9\})$	50135040
12	$\mathcal{O}(1; \{2^2, 3, 4, 6, 12^9\})$	50282496
12	$\mathcal{O}(1; \{4, 6^3, 12^9\})$	100712448
12	$\mathcal{O}(1; \{2^2, 3^2, 12^{10}\})$	100712448
12	$\mathcal{O}(1; \{2^3, 6, 12^{10}\})$	50282496
12	$\mathcal{O}(1; \{4^2, 6, 12^{10}\})$	201129984
12	$\mathcal{O}(1; \{3, 6^2, 12^{10}\})$	201277440
12	$\mathcal{O}(1; \{3, 4, 12^{11}\})$	402849792
12	$\mathcal{O}(1; \{2, 12^{12}\})$	402849792
12	$\mathcal{O}(0; \{2^{20}, 3^3, 4^2\})$	4
12	$\mathcal{O}(0; \{2^{16}, 3^6, 4^2\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^9, 4^2\})$	340

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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	$\mathcal{O}(0; \{2^8, 3^{12}, 4^2\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^{15}, 4^2\})$	21844
12	$\mathcal{O}(0; \{3^{18}, 4^2\})$	174764
12	$\mathcal{O}(0; \{2^{17}, 3^3, 4^4\})$	16
12	$\mathcal{O}(0; \{2^{13}, 3^6, 4^4\})$	176
12	$\mathcal{O}(0; \{2^9, 3^9, 4^4\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^{12}, 4^4\})$	10928
12	$\mathcal{O}(0; \{2, 3^{15}, 4^4\})$	87376
12	$\mathcal{O}(0; \{2^{14}, 3^3, 4^6\})$	64
12	$\mathcal{O}(0; \{2^{10}, 3^6, 4^6\})$	704
12	$\mathcal{O}(0; \{2^6, 3^9, 4^6\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^{12}, 4^6\})$	43712
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^8\})$	256
12	$\mathcal{O}(0; \{2^7, 3^6, 4^8\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^9, 4^8\})$	21760
12	$\mathcal{O}(0; \{2^8, 3^3, 4^{10}\})$	1024
12	$\mathcal{O}(0; \{2^4, 3^6, 4^{10}\})$	11264
12	$\mathcal{O}(0; \{3^9, 4^{10}\})$	87040
12	$\mathcal{O}(0; \{2^5, 3^3, 4^{12}\})$	4096
12	$\mathcal{O}(0; \{2, 3^6, 4^{12}\})$	45056
12	$\mathcal{O}(0; \{2^2, 3^3, 4^{14}\})$	16384
12	$\mathcal{O}(0; \{2^{21}, 3, 4^2, 6\})$	4
12	$\mathcal{O}(0; \{2^{17}, 3^4, 4^2, 6\})$	20
12	$\mathcal{O}(0; \{2^{13}, 3^7, 4^2, 6\})$	172
12	$\mathcal{O}(0; \{2^9, 3^{10}, 4^2, 6\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^{13}, 4^2, 6\})$	10924
12	$\mathcal{O}(0; \{2, 3^{16}, 4^2, 6\})$	87380
12	$\mathcal{O}(0; \{2^{18}, 3, 4^4, 6\})$	16
12	$\mathcal{O}(0; \{2^{14}, 3^4, 4^4, 6\})$	80
12	$\mathcal{O}(0; \{2^{10}, 3^7, 4^4, 6\})$	688
12	$\mathcal{O}(0; \{2^6, 3^{10}, 4^4, 6\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^{13}, 4^4, 6\})$	43696
12	$\mathcal{O}(0; \{2^{15}, 3, 4^6, 6\})$	64
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4^6, 6\})$	320
12	$\mathcal{O}(0; \{2^7, 3^7, 4^6, 6\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4^6, 6\})$	21824
12	$\mathcal{O}(0; \{2^{12}, 3, 4^8, 6\})$	256
12	$\mathcal{O}(0; \{2^8, 3^4, 4^8, 6\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^7, 4^8, 6\})$	11008
12	$\mathcal{O}(0; \{3^{10}, 4^8, 6\})$	87296
12	$\mathcal{O}(0; \{2^9, 3, 4^{10}, 6\})$	1024
12	$\mathcal{O}(0; \{2^5, 3^4, 4^{10}, 6\})$	5120
12	$\mathcal{O}(0; \{2, 3^7, 4^{10}, 6\})$	44032

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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	$\mathcal{O}(0; \{2^6, 3, 4^{12}, 6\})$	4096
12	$\mathcal{O}(0; \{2^2, 3^4, 4^{12}, 6\})$	20480
12	$\mathcal{O}(0; \{2^3, 3, 4^{14}, 6\})$	16384
12	$\mathcal{O}(0; \{3, 4^{16}, 6\})$	65536
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4^2, 6^2\})$	12
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4^2, 6^2\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4^2, 6^2\})$	684
12	$\mathcal{O}(0; \{2^6, 3^{11}, 4^2, 6^2\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4^2, 6^2\})$	43692
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^4, 6^2\})$	48
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^4, 6^2\})$	336
12	$\mathcal{O}(0; \{2^7, 3^8, 4^4, 6^2\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^4, 6^2\})$	21840
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^6, 6^2\})$	192
12	$\mathcal{O}(0; \{2^8, 3^5, 4^6, 6^2\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^8, 4^6, 6^2\})$	10944
12	$\mathcal{O}(0; \{3^{11}, 4^6, 6^2\})$	87360
12	$\mathcal{O}(0; \{2^9, 3^2, 4^8, 6^2\})$	768
12	$\mathcal{O}(0; \{2^5, 3^5, 4^8, 6^2\})$	5376
12	$\mathcal{O}(0; \{2, 3^8, 4^8, 6^2\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^2, 4^{10}, 6^2\})$	3072
12	$\mathcal{O}(0; \{2^2, 3^5, 4^{10}, 6^2\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{12}, 6^2\})$	12288
12	$\mathcal{O}(0; \{3^2, 4^{14}, 6^2\})$	49152
12	$\mathcal{O}(0; \{2^{19}, 4^2, 6^3\})$	4
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^2, 6^3\})$	44
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^2, 6^3\})$	340
12	$\mathcal{O}(0; \{2^7, 3^9, 4^2, 6^3\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^2, 6^3\})$	21844
12	$\mathcal{O}(0; \{2^{16}, 4^4, 6^3\})$	16
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^4, 6^3\})$	176
12	$\mathcal{O}(0; \{2^8, 3^6, 4^4, 6^3\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^9, 4^4, 6^3\})$	10928
12	$\mathcal{O}(0; \{3^{12}, 4^4, 6^3\})$	87376
12	$\mathcal{O}(0; \{2^{13}, 4^6, 6^3\})$	64
12	$\mathcal{O}(0; \{2^9, 3^3, 4^6, 6^3\})$	704
12	$\mathcal{O}(0; \{2^5, 3^6, 4^6, 6^3\})$	5440
12	$\mathcal{O}(0; \{2, 3^9, 4^6, 6^3\})$	43712
12	$\mathcal{O}(0; \{2^{10}, 4^8, 6^3\})$	256
12	$\mathcal{O}(0; \{2^6, 3^3, 4^8, 6^3\})$	2816
12	$\mathcal{O}(0; \{2^2, 3^6, 4^8, 6^3\})$	21760
12	$\mathcal{O}(0; \{2^7, 4^{10}, 6^3\})$	1024
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{10}, 6^3\})$	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	$\mathcal{O}(0; \{2^4, 4^{12}, 6^3\})$	4096
12	$\mathcal{O}(0; \{3^3, 4^{12}, 6^3\})$	45056
12	$\mathcal{O}(0; \{2, 4^{14}, 6^3\})$	16384
12	$\mathcal{O}(0; \{2^{16}, 3, 4^2, 6^4\})$	20
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^2, 6^4\})$	172
12	$\mathcal{O}(0; \{2^8, 3^7, 4^2, 6^4\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^2, 6^4\})$	10924
12	$\mathcal{O}(0; \{3^{13}, 4^2, 6^4\})$	87380
12	$\mathcal{O}(0; \{2^{13}, 3, 4^4, 6^4\})$	80
12	$\mathcal{O}(0; \{2^9, 3^4, 4^4, 6^4\})$	688
12	$\mathcal{O}(0; \{2^5, 3^7, 4^4, 6^4\})$	5456
12	$\mathcal{O}(0; \{2, 3^{10}, 4^4, 6^4\})$	43696
12	$\mathcal{O}(0; \{2^{10}, 3, 4^6, 6^4\})$	320
12	$\mathcal{O}(0; \{2^6, 3^4, 4^6, 6^4\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^7, 4^6, 6^4\})$	21824
12	$\mathcal{O}(0; \{2^7, 3, 4^8, 6^4\})$	1280
12	$\mathcal{O}(0; \{2^3, 3^4, 4^8, 6^4\})$	11008
12	$\mathcal{O}(0; \{2^4, 3, 4^{10}, 6^4\})$	5120
12	$\mathcal{O}(0; \{3^4, 4^{10}, 6^4\})$	44032
12	$\mathcal{O}(0; \{2, 3, 4^{12}, 6^4\})$	20480
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^2, 6^5\})$	84
12	$\mathcal{O}(0; \{2^9, 3^5, 4^2, 6^5\})$	684
12	$\mathcal{O}(0; \{2^5, 3^8, 4^2, 6^5\})$	5460
12	$\mathcal{O}(0; \{2, 3^{11}, 4^2, 6^5\})$	43692
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^4, 6^5\})$	336
12	$\mathcal{O}(0; \{2^6, 3^5, 4^4, 6^5\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^8, 4^4, 6^5\})$	21840
12	$\mathcal{O}(0; \{2^7, 3^2, 4^6, 6^5\})$	1344
12	$\mathcal{O}(0; \{2^3, 3^5, 4^6, 6^5\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^2, 4^8, 6^5\})$	5376
12	$\mathcal{O}(0; \{3^5, 4^8, 6^5\})$	43776
12	$\mathcal{O}(0; \{2, 3^2, 4^{10}, 6^5\})$	21504
12	$\mathcal{O}(0; \{2^{14}, 4^2, 6^6\})$	44
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^2, 6^6\})$	340
12	$\mathcal{O}(0; \{2^6, 3^6, 4^2, 6^6\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^9, 4^2, 6^6\})$	21844
12	$\mathcal{O}(0; \{2^{11}, 4^4, 6^6\})$	176
12	$\mathcal{O}(0; \{2^7, 3^3, 4^4, 6^6\})$	1360
12	$\mathcal{O}(0; \{2^3, 3^6, 4^4, 6^6\})$	10928
12	$\mathcal{O}(0; \{2^8, 4^6, 6^6\})$	704
12	$\mathcal{O}(0; \{2^4, 3^3, 4^6, 6^6\})$	5440
12	$\mathcal{O}(0; \{3^6, 4^6, 6^6\})$	43712
12	$\mathcal{O}(0; \{2^5, 4^8, 6^6\})$	2816

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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	$\mathcal{O}(0; \{2, 3^3, 4^8, 6^6\})$	21760
12	$\mathcal{O}(0; \{2^2, 4^{10}, 6^6\})$	11264
12	$\mathcal{O}(0; \{2^{11}, 3, 4^2, 6^7\})$	172
12	$\mathcal{O}(0; \{2^7, 3^4, 4^2, 6^7\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^7, 4^2, 6^7\})$	10924
12	$\mathcal{O}(0; \{2^8, 3, 4^4, 6^7\})$	688
12	$\mathcal{O}(0; \{2^4, 3^4, 4^4, 6^7\})$	5456
12	$\mathcal{O}(0; \{3^7, 4^4, 6^7\})$	43696
12	$\mathcal{O}(0; \{2^5, 3, 4^6, 6^7\})$	2752
12	$\mathcal{O}(0; \{2, 3^4, 4^6, 6^7\})$	21824
12	$\mathcal{O}(0; \{2^2, 3, 4^8, 6^7\})$	11008
12	$\mathcal{O}(0; \{2^8, 3^2, 4^2, 6^8\})$	684
12	$\mathcal{O}(0; \{2^4, 3^5, 4^2, 6^8\})$	5460
12	$\mathcal{O}(0; \{3^8, 4^2, 6^8\})$	43692
12	$\mathcal{O}(0; \{2^5, 3^2, 4^4, 6^8\})$	2736
12	$\mathcal{O}(0; \{2, 3^5, 4^4, 6^8\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^2, 4^6, 6^8\})$	10944
12	$\mathcal{O}(0; \{2^9, 4^2, 6^9\})$	340
12	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 6^9\})$	2732
12	$\mathcal{O}(0; \{2, 3^6, 4^2, 6^9\})$	21844
12	$\mathcal{O}(0; \{2^6, 4^4, 6^9\})$	1360
12	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 6^9\})$	10928
12	$\mathcal{O}(0; \{2^3, 4^6, 6^9\})$	5440
12	$\mathcal{O}(0; \{4^8, 6^9\})$	21760
12	$\mathcal{O}(0; \{2^6, 3, 4^2, 6^{10}\})$	1364
12	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6^{10}\})$	10924
12	$\mathcal{O}(0; \{2^3, 3, 4^4, 6^{10}\})$	5456
12	$\mathcal{O}(0; \{3, 4^6, 6^{10}\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^{11}\})$	5460
12	$\mathcal{O}(0; \{3^2, 4^4, 6^{11}\})$	21840
12	$\mathcal{O}(0; \{2^4, 4^2, 6^{12}\})$	2732
12	$\mathcal{O}(0; \{3^3, 4^2, 6^{12}\})$	21844
12	$\mathcal{O}(0; \{2, 4^4, 6^{12}\})$	10928
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^{13}\})$	10924
12	$\mathcal{O}(0; \{2^{21}, 3^2, 4, 12\})$	4
12	$\mathcal{O}(0; \{2^{17}, 3^5, 4, 12\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^8, 4, 12\})$	340
12	$\mathcal{O}(0; \{2^9, 3^{11}, 4, 12\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^{14}, 4, 12\})$	21844
12	$\mathcal{O}(0; \{2, 3^{17}, 4, 12\})$	174764
12	$\mathcal{O}(0; \{2^{18}, 3^2, 4^3, 12\})$	16
12	$\mathcal{O}(0; \{2^{14}, 3^5, 4^3, 12\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^8, 4^3, 12\})$	1360

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	$\mathcal{O}(0; \{2^6, 3^{11}, 4^3, 12\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{14}, 4^3, 12\})$	87376
12	$\mathcal{O}(0; \{2^{15}, 3^2, 4^5, 12\})$	64
12	$\mathcal{O}(0; \{2^{11}, 3^5, 4^5, 12\})$	704
12	$\mathcal{O}(0; \{2^7, 3^8, 4^5, 12\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^{11}, 4^5, 12\})$	43712
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4^7, 12\})$	256
12	$\mathcal{O}(0; \{2^8, 3^5, 4^7, 12\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^8, 4^7, 12\})$	21760
12	$\mathcal{O}(0; \{3^{11}, 4^7, 12\})$	174848
12	$\mathcal{O}(0; \{2^9, 3^2, 4^9, 12\})$	1024
12	$\mathcal{O}(0; \{2^5, 3^5, 4^9, 12\})$	11264
12	$\mathcal{O}(0; \{2, 3^8, 4^9, 12\})$	87040
12	$\mathcal{O}(0; \{2^6, 3^2, 4^{11}, 12\})$	4096
12	$\mathcal{O}(0; \{2^2, 3^5, 4^{11}, 12\})$	45056
12	$\mathcal{O}(0; \{2^3, 3^2, 4^{13}, 12\})$	16384
12	$\mathcal{O}(0; \{3^2, 4^{15}, 12\})$	65536
12	$\mathcal{O}(0; \{2^{22}, 4, 6, 12\})$	4
12	$\mathcal{O}(0; \{2^{18}, 3^3, 4, 6, 12\})$	20
12	$\mathcal{O}(0; \{2^{14}, 3^6, 4, 6, 12\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^9, 4, 6, 12\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^{12}, 4, 6, 12\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{15}, 4, 6, 12\})$	87380
12	$\mathcal{O}(0; \{2^{19}, 4^3, 6, 12\})$	16
12	$\mathcal{O}(0; \{2^{15}, 3^3, 4^3, 6, 12\})$	80
12	$\mathcal{O}(0; \{2^{11}, 3^6, 4^3, 6, 12\})$	688
12	$\mathcal{O}(0; \{2^7, 3^9, 4^3, 6, 12\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^{12}, 4^3, 6, 12\})$	43696
12	$\mathcal{O}(0; \{2^{16}, 4^5, 6, 12\})$	64
12	$\mathcal{O}(0; \{2^{12}, 3^3, 4^5, 6, 12\})$	320
12	$\mathcal{O}(0; \{2^8, 3^6, 4^5, 6, 12\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^9, 4^5, 6, 12\})$	21824
12	$\mathcal{O}(0; \{3^{12}, 4^5, 6, 12\})$	174784
12	$\mathcal{O}(0; \{2^{13}, 4^7, 6, 12\})$	256
12	$\mathcal{O}(0; \{2^9, 3^3, 4^7, 6, 12\})$	1280
12	$\mathcal{O}(0; \{2^5, 3^6, 4^7, 6, 12\})$	11008
12	$\mathcal{O}(0; \{2, 3^9, 4^7, 6, 12\})$	87296
12	$\mathcal{O}(0; \{2^{10}, 4^9, 6, 12\})$	1024
12	$\mathcal{O}(0; \{2^6, 3^3, 4^9, 6, 12\})$	5120
12	$\mathcal{O}(0; \{2^2, 3^6, 4^9, 6, 12\})$	44032
12	$\mathcal{O}(0; \{2^7, 4^{11}, 6, 12\})$	4096
12	$\mathcal{O}(0; \{2^3, 3^3, 4^{11}, 6, 12\})$	20480
12	$\mathcal{O}(0; \{2^4, 4^{13}, 6, 12\})$	16384

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	$\mathcal{O}(0; \{3^3, 4^{13}, 6, 12\})$	81920
12	$\mathcal{O}(0; \{2, 4^{15}, 6, 12\})$	65536
12	$\mathcal{O}(0; \{2^{19}, 3, 4, 6^2, 12\})$	12
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4, 6^2, 12\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4, 6^2, 12\})$	684
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4, 6^2, 12\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4, 6^2, 12\})$	43692
12	$\mathcal{O}(0; \{2^{16}, 3, 4^3, 6^2, 12\})$	48
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^3, 6^2, 12\})$	336
12	$\mathcal{O}(0; \{2^8, 3^7, 4^3, 6^2, 12\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^3, 6^2, 12\})$	21840
12	$\mathcal{O}(0; \{3^{13}, 4^3, 6^2, 12\})$	174768
12	$\mathcal{O}(0; \{2^{13}, 3, 4^5, 6^2, 12\})$	192
12	$\mathcal{O}(0; \{2^9, 3^4, 4^5, 6^2, 12\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^7, 4^5, 6^2, 12\})$	10944
12	$\mathcal{O}(0; \{2, 3^{10}, 4^5, 6^2, 12\})$	87360
12	$\mathcal{O}(0; \{2^{10}, 3, 4^7, 6^2, 12\})$	768
12	$\mathcal{O}(0; \{2^6, 3^4, 4^7, 6^2, 12\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^7, 4^7, 6^2, 12\})$	43776
12	$\mathcal{O}(0; \{2^7, 3, 4^9, 6^2, 12\})$	3072
12	$\mathcal{O}(0; \{2^3, 3^4, 4^9, 6^2, 12\})$	21504
12	$\mathcal{O}(0; \{2^4, 3, 4^{11}, 6^2, 12\})$	12288
12	$\mathcal{O}(0; \{3^4, 4^{11}, 6^2, 12\})$	86016
12	$\mathcal{O}(0; \{2, 3, 4^{13}, 6^2, 12\})$	49152
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4, 6^3, 12\})$	44
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4, 6^3, 12\})$	340
12	$\mathcal{O}(0; \{2^8, 3^8, 4, 6^3, 12\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4, 6^3, 12\})$	21844
12	$\mathcal{O}(0; \{3^{14}, 4, 6^3, 12\})$	174764
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^3, 6^3, 12\})$	176
12	$\mathcal{O}(0; \{2^9, 3^5, 4^3, 6^3, 12\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^8, 4^3, 6^3, 12\})$	10928
12	$\mathcal{O}(0; \{2, 3^{11}, 4^3, 6^3, 12\})$	87376
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^5, 6^3, 12\})$	704
12	$\mathcal{O}(0; \{2^6, 3^5, 4^5, 6^3, 12\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^8, 4^5, 6^3, 12\})$	43712
12	$\mathcal{O}(0; \{2^7, 3^2, 4^7, 6^3, 12\})$	2816
12	$\mathcal{O}(0; \{2^3, 3^5, 4^7, 6^3, 12\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^2, 4^9, 6^3, 12\})$	11264
12	$\mathcal{O}(0; \{3^5, 4^9, 6^3, 12\})$	87040
12	$\mathcal{O}(0; \{2, 3^2, 4^{11}, 6^3, 12\})$	45056
12	$\mathcal{O}(0; \{2^{17}, 4, 6^4, 12\})$	20
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4, 6^4, 12\})$	172

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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	$\mathcal{O}(0; \{2^9, 3^6, 4, 6^4, 12\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^9, 4, 6^4, 12\})$	10924
12	$\mathcal{O}(0; \{2, 3^{12}, 4, 6^4, 12\})$	87380
12	$\mathcal{O}(0; \{2^{14}, 4^3, 6^4, 12\})$	80
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^3, 6^4, 12\})$	688
12	$\mathcal{O}(0; \{2^6, 3^6, 4^3, 6^4, 12\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^9, 4^3, 6^4, 12\})$	43696
12	$\mathcal{O}(0; \{2^{11}, 4^5, 6^4, 12\})$	320
12	$\mathcal{O}(0; \{2^7, 3^3, 4^5, 6^4, 12\})$	2752
12	$\mathcal{O}(0; \{2^3, 3^6, 4^5, 6^4, 12\})$	21824
12	$\mathcal{O}(0; \{2^8, 4^7, 6^4, 12\})$	1280
12	$\mathcal{O}(0; \{2^4, 3^3, 4^7, 6^4, 12\})$	11008
12	$\mathcal{O}(0; \{3^6, 4^7, 6^4, 12\})$	87296
12	$\mathcal{O}(0; \{2^5, 4^9, 6^4, 12\})$	5120
12	$\mathcal{O}(0; \{2, 3^3, 4^9, 6^4, 12\})$	44032
12	$\mathcal{O}(0; \{2^2, 4^{11}, 6^4, 12\})$	20480
12	$\mathcal{O}(0; \{2^{14}, 3, 4, 6^5, 12\})$	84
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4, 6^5, 12\})$	684
12	$\mathcal{O}(0; \{2^6, 3^7, 4, 6^5, 12\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4, 6^5, 12\})$	43692
12	$\mathcal{O}(0; \{2^{11}, 3, 4^3, 6^5, 12\})$	336
12	$\mathcal{O}(0; \{2^7, 3^4, 4^3, 6^5, 12\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^7, 4^3, 6^5, 12\})$	21840
12	$\mathcal{O}(0; \{2^8, 3, 4^5, 6^5, 12\})$	1344
12	$\mathcal{O}(0; \{2^4, 3^4, 4^5, 6^5, 12\})$	10944
12	$\mathcal{O}(0; \{3^7, 4^5, 6^5, 12\})$	87360
12	$\mathcal{O}(0; \{2^5, 3, 4^7, 6^5, 12\})$	5376
12	$\mathcal{O}(0; \{2, 3^4, 4^7, 6^5, 12\})$	43776
12	$\mathcal{O}(0; \{2^2, 3, 4^9, 6^5, 12\})$	21504
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4, 6^6, 12\})$	340
12	$\mathcal{O}(0; \{2^7, 3^5, 4, 6^6, 12\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^8, 4, 6^6, 12\})$	21844
12	$\mathcal{O}(0; \{2^8, 3^2, 4^3, 6^6, 12\})$	1360
12	$\mathcal{O}(0; \{2^4, 3^5, 4^3, 6^6, 12\})$	10928
12	$\mathcal{O}(0; \{3^8, 4^3, 6^6, 12\})$	87376
12	$\mathcal{O}(0; \{2^5, 3^2, 4^5, 6^6, 12\})$	5440
12	$\mathcal{O}(0; \{2, 3^5, 4^5, 6^6, 12\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^2, 4^7, 6^6, 12\})$	21760
12	$\mathcal{O}(0; \{2^{12}, 4, 6^7, 12\})$	172
12	$\mathcal{O}(0; \{2^8, 3^3, 4, 6^7, 12\})$	1364
12	$\mathcal{O}(0; \{2^4, 3^6, 4, 6^7, 12\})$	10924
12	$\mathcal{O}(0; \{3^9, 4, 6^7, 12\})$	87380
12	$\mathcal{O}(0; \{2^9, 4^3, 6^7, 12\})$	688

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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	$\mathcal{O}(0; \{2^5, 3^3, 4^3, 6^7, 12\})$	5456
12	$\mathcal{O}(0; \{2, 3^6, 4^3, 6^7, 12\})$	43696
12	$\mathcal{O}(0; \{2^6, 4^5, 6^7, 12\})$	2752
12	$\mathcal{O}(0; \{2^2, 3^3, 4^5, 6^7, 12\})$	21824
12	$\mathcal{O}(0; \{2^3, 4^7, 6^7, 12\})$	11008
12	$\mathcal{O}(0; \{4^9, 6^7, 12\})$	44032
12	$\mathcal{O}(0; \{2^9, 3, 4, 6^8, 12\})$	684
12	$\mathcal{O}(0; \{2^5, 3^4, 4, 6^8, 12\})$	5460
12	$\mathcal{O}(0; \{2, 3^7, 4, 6^8, 12\})$	43692
12	$\mathcal{O}(0; \{2^6, 3, 4^3, 6^8, 12\})$	2736
12	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 6^8, 12\})$	21840
12	$\mathcal{O}(0; \{2^3, 3, 4^5, 6^8, 12\})$	10944
12	$\mathcal{O}(0; \{3, 4^7, 6^8, 12\})$	43776
12	$\mathcal{O}(0; \{2^6, 3^2, 4, 6^9, 12\})$	2732
12	$\mathcal{O}(0; \{2^2, 3^5, 4, 6^9, 12\})$	21844
12	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6^9, 12\})$	10928
12	$\mathcal{O}(0; \{3^2, 4^5, 6^9, 12\})$	43712
12	$\mathcal{O}(0; \{2^7, 4, 6^{10}, 12\})$	1364
12	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^{10}, 12\})$	10924
12	$\mathcal{O}(0; \{2^4, 4^3, 6^{10}, 12\})$	5456
12	$\mathcal{O}(0; \{3^3, 4^3, 6^{10}, 12\})$	43696
12	$\mathcal{O}(0; \{2, 4^5, 6^{10}, 12\})$	21824
12	$\mathcal{O}(0; \{2^4, 3, 4, 6^{11}, 12\})$	5460
12	$\mathcal{O}(0; \{3^4, 4, 6^{11}, 12\})$	43692
12	$\mathcal{O}(0; \{2, 3, 4^3, 6^{11}, 12\})$	21840
12	$\mathcal{O}(0; \{2, 3^2, 4, 6^{12}, 12\})$	21844
12	$\mathcal{O}(0; \{2^2, 4, 6^{13}, 12\})$	10924
12	$\mathcal{O}(0; \{2^{22}, 3, 12^2\})$	4
12	$\mathcal{O}(0; \{2^{18}, 3^4, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{14}, 3^7, 12^2\})$	340
12	$\mathcal{O}(0; \{2^{10}, 3^{10}, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^6, 3^{13}, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^2, 3^{16}, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{19}, 3, 4^2, 12^2\})$	16
12	$\mathcal{O}(0; \{2^{15}, 3^4, 4^2, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^7, 4^2, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^{10}, 4^2, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^{13}, 4^2, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^{16}, 3, 4^4, 12^2\})$	64
12	$\mathcal{O}(0; \{2^{12}, 3^4, 4^4, 12^2\})$	704
12	$\mathcal{O}(0; \{2^8, 3^7, 4^4, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^{10}, 4^4, 12^2\})$	43712
12	$\mathcal{O}(0; \{3^{13}, 4^4, 12^2\})$	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	$\mathcal{O}(0; \{2^{13}, 3, 4^6, 12^2\})$	256
12	$\mathcal{O}(0; \{2^9, 3^4, 4^6, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^7, 4^6, 12^2\})$	21760
12	$\mathcal{O}(0; \{2, 3^{10}, 4^6, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^{10}, 3, 4^8, 12^2\})$	1024
12	$\mathcal{O}(0; \{2^6, 3^4, 4^8, 12^2\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^7, 4^8, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^7, 3, 4^{10}, 12^2\})$	4096
12	$\mathcal{O}(0; \{2^3, 3^4, 4^{10}, 12^2\})$	45056
12	$\mathcal{O}(0; \{2^4, 3, 4^{12}, 12^2\})$	16384
12	$\mathcal{O}(0; \{3^4, 4^{12}, 12^2\})$	180224
12	$\mathcal{O}(0; \{2, 3, 4^{14}, 12^2\})$	65536
12	$\mathcal{O}(0; \{2^{19}, 3^2, 6, 12^2\})$	20
12	$\mathcal{O}(0; \{2^{15}, 3^5, 6, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{11}, 3^8, 6, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^7, 3^{11}, 6, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^3, 3^{14}, 6, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{16}, 3^2, 4^2, 6, 12^2\})$	80
12	$\mathcal{O}(0; \{2^{12}, 3^5, 4^2, 6, 12^2\})$	688
12	$\mathcal{O}(0; \{2^8, 3^8, 4^2, 6, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^{11}, 4^2, 6, 12^2\})$	43696
12	$\mathcal{O}(0; \{3^{14}, 4^2, 6, 12^2\})$	349520
12	$\mathcal{O}(0; \{2^{13}, 3^2, 4^4, 6, 12^2\})$	320
12	$\mathcal{O}(0; \{2^9, 3^5, 4^4, 6, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^8, 4^4, 6, 12^2\})$	21824
12	$\mathcal{O}(0; \{2, 3^{11}, 4^4, 6, 12^2\})$	174784
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4^6, 6, 12^2\})$	1280
12	$\mathcal{O}(0; \{2^6, 3^5, 4^6, 6, 12^2\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^8, 4^6, 6, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^7, 3^2, 4^8, 6, 12^2\})$	5120
12	$\mathcal{O}(0; \{2^3, 3^5, 4^8, 6, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^2, 4^{10}, 6, 12^2\})$	20480
12	$\mathcal{O}(0; \{3^5, 4^{10}, 6, 12^2\})$	176128
12	$\mathcal{O}(0; \{2, 3^2, 4^{12}, 6, 12^2\})$	81920
12	$\mathcal{O}(0; \{2^{20}, 6^2, 12^2\})$	12
12	$\mathcal{O}(0; \{2^{16}, 3^3, 6^2, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{12}, 3^6, 6^2, 12^2\})$	684
12	$\mathcal{O}(0; \{2^8, 3^9, 6^2, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^4, 3^{12}, 6^2, 12^2\})$	43692
12	$\mathcal{O}(0; \{3^{15}, 6^2, 12^2\})$	349524
12	$\mathcal{O}(0; \{2^{17}, 4^2, 6^2, 12^2\})$	48
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^2, 6^2, 12^2\})$	336
12	$\mathcal{O}(0; \{2^9, 3^6, 4^2, 6^2, 12^2\})$	2736

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{2^5, 3^9, 4^2, 6^2, 12^2\})$	21840
12	$\mathcal{O}(0; \{2, 3^{12}, 4^2, 6^2, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^{14}, 4^4, 6^2, 12^2\})$	192
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^4, 6^2, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^6, 3^6, 4^4, 6^2, 12^2\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^9, 4^4, 6^2, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^{11}, 4^6, 6^2, 12^2\})$	768
12	$\mathcal{O}(0; \{2^7, 3^3, 4^6, 6^2, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^3, 3^6, 4^6, 6^2, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^8, 4^8, 6^2, 12^2\})$	3072
12	$\mathcal{O}(0; \{2^4, 3^3, 4^8, 6^2, 12^2\})$	21504
12	$\mathcal{O}(0; \{3^6, 4^8, 6^2, 12^2\})$	175104
12	$\mathcal{O}(0; \{2^5, 4^{10}, 6^2, 12^2\})$	12288
12	$\mathcal{O}(0; \{2, 3^3, 4^{10}, 6^2, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^2, 4^{12}, 6^2, 12^2\})$	49152
12	$\mathcal{O}(0; \{2^{17}, 3, 6^3, 12^2\})$	44
12	$\mathcal{O}(0; \{2^{13}, 3^4, 6^3, 12^2\})$	340
12	$\mathcal{O}(0; \{2^9, 3^7, 6^3, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^5, 3^{10}, 6^3, 12^2\})$	21844
12	$\mathcal{O}(0; \{2, 3^{13}, 6^3, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^{14}, 3, 4^2, 6^3, 12^2\})$	176
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^2, 6^3, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^7, 4^2, 6^3, 12^2\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^2, 6^3, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^{11}, 3, 4^4, 6^3, 12^2\})$	704
12	$\mathcal{O}(0; \{2^7, 3^4, 4^4, 6^3, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^7, 4^4, 6^3, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^8, 3, 4^6, 6^3, 12^2\})$	2816
12	$\mathcal{O}(0; \{2^4, 3^4, 4^6, 6^3, 12^2\})$	21760
12	$\mathcal{O}(0; \{3^7, 4^6, 6^3, 12^2\})$	174848
12	$\mathcal{O}(0; \{2^5, 3, 4^8, 6^3, 12^2\})$	11264
12	$\mathcal{O}(0; \{2, 3^4, 4^8, 6^3, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^2, 3, 4^{10}, 6^3, 12^2\})$	45056
12	$\mathcal{O}(0; \{2^{14}, 3^2, 6^4, 12^2\})$	172
12	$\mathcal{O}(0; \{2^{10}, 3^5, 6^4, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^6, 3^8, 6^4, 12^2\})$	10924
12	$\mathcal{O}(0; \{2^2, 3^{11}, 6^4, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^2, 6^4, 12^2\})$	688
12	$\mathcal{O}(0; \{2^7, 3^5, 4^2, 6^4, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^8, 4^2, 6^4, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^8, 3^2, 4^4, 6^4, 12^2\})$	2752
12	$\mathcal{O}(0; \{2^4, 3^5, 4^4, 6^4, 12^2\})$	21824
12	$\mathcal{O}(0; \{3^8, 4^4, 6^4, 12^2\})$	174784

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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	$\mathcal{O}(0; \{2^5, 3^2, 4^6, 6^4, 12^2\})$	11008
12	$\mathcal{O}(0; \{2, 3^5, 4^6, 6^4, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^2, 4^8, 6^4, 12^2\})$	44032
12	$\mathcal{O}(0; \{2^{15}, 6^5, 12^2\})$	84
12	$\mathcal{O}(0; \{2^{11}, 3^3, 6^5, 12^2\})$	684
12	$\mathcal{O}(0; \{2^7, 3^6, 6^5, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^3, 3^9, 6^5, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{12}, 4^2, 6^5, 12^2\})$	336
12	$\mathcal{O}(0; \{2^8, 3^3, 4^2, 6^5, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^4, 3^6, 4^2, 6^5, 12^2\})$	21840
12	$\mathcal{O}(0; \{3^9, 4^2, 6^5, 12^2\})$	174768
12	$\mathcal{O}(0; \{2^9, 4^4, 6^5, 12^2\})$	1344
12	$\mathcal{O}(0; \{2^5, 3^3, 4^4, 6^5, 12^2\})$	10944
12	$\mathcal{O}(0; \{2, 3^6, 4^4, 6^5, 12^2\})$	87360
12	$\mathcal{O}(0; \{2^6, 4^6, 6^5, 12^2\})$	5376
12	$\mathcal{O}(0; \{2^2, 3^3, 4^6, 6^5, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^3, 4^8, 6^5, 12^2\})$	21504
12	$\mathcal{O}(0; \{4^{10}, 6^5, 12^2\})$	86016
12	$\mathcal{O}(0; \{2^{12}, 3, 6^6, 12^2\})$	340
12	$\mathcal{O}(0; \{2^8, 3^4, 6^6, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^4, 3^7, 6^6, 12^2\})$	21844
12	$\mathcal{O}(0; \{3^{10}, 6^6, 12^2\})$	174764
12	$\mathcal{O}(0; \{2^9, 3, 4^2, 6^6, 12^2\})$	1360
12	$\mathcal{O}(0; \{2^5, 3^4, 4^2, 6^6, 12^2\})$	10928
12	$\mathcal{O}(0; \{2, 3^7, 4^2, 6^6, 12^2\})$	87376
12	$\mathcal{O}(0; \{2^6, 3, 4^4, 6^6, 12^2\})$	5440
12	$\mathcal{O}(0; \{2^2, 3^4, 4^4, 6^6, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^3, 3, 4^6, 6^6, 12^2\})$	21760
12	$\mathcal{O}(0; \{3, 4^8, 6^6, 12^2\})$	87040
12	$\mathcal{O}(0; \{2^9, 3^2, 6^7, 12^2\})$	1364
12	$\mathcal{O}(0; \{2^5, 3^5, 6^7, 12^2\})$	10924
12	$\mathcal{O}(0; \{2, 3^8, 6^7, 12^2\})$	87380
12	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 6^7, 12^2\})$	5456
12	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 6^7, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 6^7, 12^2\})$	21824
12	$\mathcal{O}(0; \{3^2, 4^6, 6^7, 12^2\})$	87296
12	$\mathcal{O}(0; \{2^{10}, 6^8, 12^2\})$	684
12	$\mathcal{O}(0; \{2^6, 3^3, 6^8, 12^2\})$	5460
12	$\mathcal{O}(0; \{2^2, 3^6, 6^8, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^7, 4^2, 6^8, 12^2\})$	2736
12	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6^8, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^4, 4^4, 6^8, 12^2\})$	10944
12	$\mathcal{O}(0; \{3^3, 4^4, 6^8, 12^2\})$	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	$\mathcal{O}(0; \{2, 4^6, 6^8, 12^2\})$	43776
12	$\mathcal{O}(0; \{2^7, 3, 6^9, 12^2\})$	2732
12	$\mathcal{O}(0; \{2^3, 3^4, 6^9, 12^2\})$	21844
12	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^9, 12^2\})$	10928
12	$\mathcal{O}(0; \{3^4, 4^2, 6^9, 12^2\})$	87376
12	$\mathcal{O}(0; \{2, 3, 4^4, 6^9, 12^2\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^2, 6^{10}, 12^2\})$	10924
12	$\mathcal{O}(0; \{3^5, 6^{10}, 12^2\})$	87380
12	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^{10}, 12^2\})$	43696
12	$\mathcal{O}(0; \{2^5, 6^{11}, 12^2\})$	5460
12	$\mathcal{O}(0; \{2, 3^3, 6^{11}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^2, 4^2, 6^{11}, 12^2\})$	21840
12	$\mathcal{O}(0; \{2^2, 3, 6^{12}, 12^2\})$	21844
12	$\mathcal{O}(0; \{6^{14}, 12^2\})$	43692
12	$\mathcal{O}(0; \{2^{20}, 4, 12^3\})$	16
12	$\mathcal{O}(0; \{2^{16}, 3^3, 4, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{12}, 3^6, 4, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^9, 4, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^{12}, 4, 12^3\})$	87376
12	$\mathcal{O}(0; \{3^{15}, 4, 12^3\})$	699056
12	$\mathcal{O}(0; \{2^{17}, 4^3, 12^3\})$	64
12	$\mathcal{O}(0; \{2^{13}, 3^3, 4^3, 12^3\})$	704
12	$\mathcal{O}(0; \{2^9, 3^6, 4^3, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^9, 4^3, 12^3\})$	43712
12	$\mathcal{O}(0; \{2, 3^{12}, 4^3, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^{14}, 4^5, 12^3\})$	256
12	$\mathcal{O}(0; \{2^{10}, 3^3, 4^5, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^6, 3^6, 4^5, 12^3\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^9, 4^5, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^{11}, 4^7, 12^3\})$	1024
12	$\mathcal{O}(0; \{2^7, 3^3, 4^7, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^3, 3^6, 4^7, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^8, 4^9, 12^3\})$	4096
12	$\mathcal{O}(0; \{2^4, 3^3, 4^9, 12^3\})$	45056
12	$\mathcal{O}(0; \{3^6, 4^9, 12^3\})$	348160
12	$\mathcal{O}(0; \{2^5, 4^{11}, 12^3\})$	16384
12	$\mathcal{O}(0; \{2, 3^3, 4^{11}, 12^3\})$	180224
12	$\mathcal{O}(0; \{2^2, 4^{13}, 12^3\})$	65536
12	$\mathcal{O}(0; \{2^{17}, 3, 4, 6, 12^3\})$	80
12	$\mathcal{O}(0; \{2^{13}, 3^4, 4, 6, 12^3\})$	688
12	$\mathcal{O}(0; \{2^9, 3^7, 4, 6, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^{10}, 4, 6, 12^3\})$	43696
12	$\mathcal{O}(0; \{2, 3^{13}, 4, 6, 12^3\})$	349520

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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	$\mathcal{O}(0; \{2^{14}, 3, 4^3, 6, 12^3\})$	320
12	$\mathcal{O}(0; \{2^{10}, 3^4, 4^3, 6, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^7, 4^3, 6, 12^3\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^{10}, 4^3, 6, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^{11}, 3, 4^5, 6, 12^3\})$	1280
12	$\mathcal{O}(0; \{2^7, 3^4, 4^5, 6, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^7, 4^5, 6, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^8, 3, 4^7, 6, 12^3\})$	5120
12	$\mathcal{O}(0; \{2^4, 3^4, 4^7, 6, 12^3\})$	44032
12	$\mathcal{O}(0; \{3^7, 4^7, 6, 12^3\})$	349184
12	$\mathcal{O}(0; \{2^5, 3, 4^9, 6, 12^3\})$	20480
12	$\mathcal{O}(0; \{2, 3^4, 4^9, 6, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^2, 3, 4^{11}, 6, 12^3\})$	81920
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4, 6^2, 12^3\})$	336
12	$\mathcal{O}(0; \{2^{10}, 3^5, 4, 6^2, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^8, 4, 6^2, 12^3\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4, 6^2, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^3, 6^2, 12^3\})$	1344
12	$\mathcal{O}(0; \{2^7, 3^5, 4^3, 6^2, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^8, 4^3, 6^2, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^8, 3^2, 4^5, 6^2, 12^3\})$	5376
12	$\mathcal{O}(0; \{2^4, 3^5, 4^5, 6^2, 12^3\})$	43776
12	$\mathcal{O}(0; \{3^8, 4^5, 6^2, 12^3\})$	349440
12	$\mathcal{O}(0; \{2^5, 3^2, 4^7, 6^2, 12^3\})$	21504
12	$\mathcal{O}(0; \{2, 3^5, 4^7, 6^2, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^2, 4^9, 6^2, 12^3\})$	86016
12	$\mathcal{O}(0; \{2^{15}, 4, 6^3, 12^3\})$	176
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4, 6^3, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^7, 3^6, 4, 6^3, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^9, 4, 6^3, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^{12}, 4^3, 6^3, 12^3\})$	704
12	$\mathcal{O}(0; \{2^8, 3^3, 4^3, 6^3, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^4, 3^6, 4^3, 6^3, 12^3\})$	43712
12	$\mathcal{O}(0; \{3^9, 4^3, 6^3, 12^3\})$	349504
12	$\mathcal{O}(0; \{2^9, 4^5, 6^3, 12^3\})$	2816
12	$\mathcal{O}(0; \{2^5, 3^3, 4^5, 6^3, 12^3\})$	21760
12	$\mathcal{O}(0; \{2, 3^6, 4^5, 6^3, 12^3\})$	174848
12	$\mathcal{O}(0; \{2^6, 4^7, 6^3, 12^3\})$	11264
12	$\mathcal{O}(0; \{2^2, 3^3, 4^7, 6^3, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^3, 4^9, 6^3, 12^3\})$	45056
12	$\mathcal{O}(0; \{4^{11}, 6^3, 12^3\})$	180224
12	$\mathcal{O}(0; \{2^{12}, 3, 4, 6^4, 12^3\})$	688
12	$\mathcal{O}(0; \{2^8, 3^4, 4, 6^4, 12^3\})$	5456

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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	$\mathcal{O}(0; \{2^4, 3^7, 4, 6^4, 12^3\})$	43696
12	$\mathcal{O}(0; \{3^{10}, 4, 6^4, 12^3\})$	349520
12	$\mathcal{O}(0; \{2^9, 3, 4^3, 6^4, 12^3\})$	2752
12	$\mathcal{O}(0; \{2^5, 3^4, 4^3, 6^4, 12^3\})$	21824
12	$\mathcal{O}(0; \{2, 3^7, 4^3, 6^4, 12^3\})$	174784
12	$\mathcal{O}(0; \{2^6, 3, 4^5, 6^4, 12^3\})$	11008
12	$\mathcal{O}(0; \{2^2, 3^4, 4^5, 6^4, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^3, 3, 4^7, 6^4, 12^3\})$	44032
12	$\mathcal{O}(0; \{3, 4^9, 6^4, 12^3\})$	176128
12	$\mathcal{O}(0; \{2^9, 3^2, 4, 6^5, 12^3\})$	2736
12	$\mathcal{O}(0; \{2^5, 3^5, 4, 6^5, 12^3\})$	21840
12	$\mathcal{O}(0; \{2, 3^8, 4, 6^5, 12^3\})$	174768
12	$\mathcal{O}(0; \{2^6, 3^2, 4^3, 6^5, 12^3\})$	10944
12	$\mathcal{O}(0; \{2^2, 3^5, 4^3, 6^5, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^3, 3^2, 4^5, 6^5, 12^3\})$	43776
12	$\mathcal{O}(0; \{3^2, 4^7, 6^5, 12^3\})$	175104
12	$\mathcal{O}(0; \{2^{10}, 4, 6^6, 12^3\})$	1360
12	$\mathcal{O}(0; \{2^6, 3^3, 4, 6^6, 12^3\})$	10928
12	$\mathcal{O}(0; \{2^2, 3^6, 4, 6^6, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^7, 4^3, 6^6, 12^3\})$	5440
12	$\mathcal{O}(0; \{2^3, 3^3, 4^3, 6^6, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^4, 4^5, 6^6, 12^3\})$	21760
12	$\mathcal{O}(0; \{3^3, 4^5, 6^6, 12^3\})$	174848
12	$\mathcal{O}(0; \{2, 4^7, 6^6, 12^3\})$	87040
12	$\mathcal{O}(0; \{2^7, 3, 4, 6^7, 12^3\})$	5456
12	$\mathcal{O}(0; \{2^3, 3^4, 4, 6^7, 12^3\})$	43696
12	$\mathcal{O}(0; \{2^4, 3, 4^3, 6^7, 12^3\})$	21824
12	$\mathcal{O}(0; \{3^4, 4^3, 6^7, 12^3\})$	174784
12	$\mathcal{O}(0; \{2, 3, 4^5, 6^7, 12^3\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^2, 4, 6^8, 12^3\})$	21840
12	$\mathcal{O}(0; \{3^5, 4, 6^8, 12^3\})$	174768
12	$\mathcal{O}(0; \{2, 3^2, 4^3, 6^8, 12^3\})$	87360
12	$\mathcal{O}(0; \{2^5, 4, 6^9, 12^3\})$	10928
12	$\mathcal{O}(0; \{2, 3^3, 4, 6^9, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^2, 4^3, 6^9, 12^3\})$	43712
12	$\mathcal{O}(0; \{2^2, 3, 4, 6^{10}, 12^3\})$	43696
12	$\mathcal{O}(0; \{4, 6^{12}, 12^3\})$	87376
12	$\mathcal{O}(0; \{2^{17}, 3^2, 12^4\})$	176
12	$\mathcal{O}(0; \{2^{13}, 3^5, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^9, 3^8, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^5, 3^{11}, 12^4\})$	87376
12	$\mathcal{O}(0; \{2, 3^{14}, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^{14}, 3^2, 4^2, 12^4\})$	704

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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	$\mathcal{O}(0; \{2^{10}, 3^5, 4^2, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^8, 4^2, 12^4\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^{11}, 4^2, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^{11}, 3^2, 4^4, 12^4\})$	2816
12	$\mathcal{O}(0; \{2^7, 3^5, 4^4, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^8, 4^4, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^8, 3^2, 4^6, 12^4\})$	11264
12	$\mathcal{O}(0; \{2^4, 3^5, 4^6, 12^4\})$	87040
12	$\mathcal{O}(0; \{3^8, 4^6, 12^4\})$	699392
12	$\mathcal{O}(0; \{2^5, 3^2, 4^8, 12^4\})$	45056
12	$\mathcal{O}(0; \{2, 3^5, 4^8, 12^4\})$	348160
12	$\mathcal{O}(0; \{2^2, 3^2, 4^{10}, 12^4\})$	180224
12	$\mathcal{O}(0; \{2^{18}, 6, 12^4\})$	80
12	$\mathcal{O}(0; \{2^{14}, 3^3, 6, 12^4\})$	688
12	$\mathcal{O}(0; \{2^{10}, 3^6, 6, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^6, 3^9, 6, 12^4\})$	43696
12	$\mathcal{O}(0; \{2^2, 3^{12}, 6, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{15}, 4^2, 6, 12^4\})$	320
12	$\mathcal{O}(0; \{2^{11}, 3^3, 4^2, 6, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^7, 3^6, 4^2, 6, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^9, 4^2, 6, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^{12}, 4^4, 6, 12^4\})$	1280
12	$\mathcal{O}(0; \{2^8, 3^3, 4^4, 6, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^4, 3^6, 4^4, 6, 12^4\})$	87296
12	$\mathcal{O}(0; \{3^9, 4^4, 6, 12^4\})$	699136
12	$\mathcal{O}(0; \{2^9, 4^6, 6, 12^4\})$	5120
12	$\mathcal{O}(0; \{2^5, 3^3, 4^6, 6, 12^4\})$	44032
12	$\mathcal{O}(0; \{2, 3^6, 4^6, 6, 12^4\})$	349184
12	$\mathcal{O}(0; \{2^6, 4^8, 6, 12^4\})$	20480
12	$\mathcal{O}(0; \{2^2, 3^3, 4^8, 6, 12^4\})$	176128
12	$\mathcal{O}(0; \{2^3, 4^{10}, 6, 12^4\})$	81920
12	$\mathcal{O}(0; \{4^{12}, 6, 12^4\})$	327680
12	$\mathcal{O}(0; \{2^{15}, 3, 6^2, 12^4\})$	336
12	$\mathcal{O}(0; \{2^{11}, 3^4, 6^2, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^7, 3^7, 6^2, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^3, 3^{10}, 6^2, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^{12}, 3, 4^2, 6^2, 12^4\})$	1344
12	$\mathcal{O}(0; \{2^8, 3^4, 4^2, 6^2, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^7, 4^2, 6^2, 12^4\})$	87360
12	$\mathcal{O}(0; \{3^{10}, 4^2, 6^2, 12^4\})$	699072
12	$\mathcal{O}(0; \{2^9, 3, 4^4, 6^2, 12^4\})$	5376
12	$\mathcal{O}(0; \{2^5, 3^4, 4^4, 6^2, 12^4\})$	43776
12	$\mathcal{O}(0; \{2, 3^7, 4^4, 6^2, 12^4\})$	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	$\mathcal{O}(0; \{2^6, 3, 4^6, 6^2, 12^4\})$	21504
12	$\mathcal{O}(0; \{2^2, 3^4, 4^6, 6^2, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^3, 3, 4^8, 6^2, 12^4\})$	86016
12	$\mathcal{O}(0; \{3, 4^{10}, 6^2, 12^4\})$	344064
12	$\mathcal{O}(0; \{2^{12}, 3^2, 6^3, 12^4\})$	1360
12	$\mathcal{O}(0; \{2^8, 3^5, 6^3, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^4, 3^8, 6^3, 12^4\})$	87376
12	$\mathcal{O}(0; \{3^{11}, 6^3, 12^4\})$	699056
12	$\mathcal{O}(0; \{2^9, 3^2, 4^2, 6^3, 12^4\})$	5440
12	$\mathcal{O}(0; \{2^5, 3^5, 4^2, 6^3, 12^4\})$	43712
12	$\mathcal{O}(0; \{2, 3^8, 4^2, 6^3, 12^4\})$	349504
12	$\mathcal{O}(0; \{2^6, 3^2, 4^4, 6^3, 12^4\})$	21760
12	$\mathcal{O}(0; \{2^2, 3^5, 4^4, 6^3, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^2, 4^6, 6^3, 12^4\})$	87040
12	$\mathcal{O}(0; \{3^2, 4^8, 6^3, 12^4\})$	348160
12	$\mathcal{O}(0; \{2^{13}, 6^4, 12^4\})$	688
12	$\mathcal{O}(0; \{2^9, 3^3, 6^4, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^5, 3^6, 6^4, 12^4\})$	43696
12	$\mathcal{O}(0; \{2, 3^9, 6^4, 12^4\})$	349520
12	$\mathcal{O}(0; \{2^{10}, 4^2, 6^4, 12^4\})$	2752
12	$\mathcal{O}(0; \{2^6, 3^3, 4^2, 6^4, 12^4\})$	21824
12	$\mathcal{O}(0; \{2^2, 3^6, 4^2, 6^4, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^7, 4^4, 6^4, 12^4\})$	11008
12	$\mathcal{O}(0; \{2^3, 3^3, 4^4, 6^4, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^4, 4^6, 6^4, 12^4\})$	44032
12	$\mathcal{O}(0; \{3^3, 4^6, 6^4, 12^4\})$	349184
12	$\mathcal{O}(0; \{2, 4^8, 6^4, 12^4\})$	176128
12	$\mathcal{O}(0; \{2^{10}, 3, 6^5, 12^4\})$	2736
12	$\mathcal{O}(0; \{2^6, 3^4, 6^5, 12^4\})$	21840
12	$\mathcal{O}(0; \{2^2, 3^7, 6^5, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^7, 3, 4^2, 6^5, 12^4\})$	10944
12	$\mathcal{O}(0; \{2^3, 3^4, 4^2, 6^5, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^4, 3, 4^4, 6^5, 12^4\})$	43776
12	$\mathcal{O}(0; \{3^4, 4^4, 6^5, 12^4\})$	349440
12	$\mathcal{O}(0; \{2, 3, 4^6, 6^5, 12^4\})$	175104
12	$\mathcal{O}(0; \{2^7, 3^2, 6^6, 12^4\})$	10928
12	$\mathcal{O}(0; \{2^3, 3^5, 6^6, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^4, 3^2, 4^2, 6^6, 12^4\})$	43712
12	$\mathcal{O}(0; \{3^5, 4^2, 6^6, 12^4\})$	349504
12	$\mathcal{O}(0; \{2, 3^2, 4^4, 6^6, 12^4\})$	174848
12	$\mathcal{O}(0; \{2^8, 6^7, 12^4\})$	5456
12	$\mathcal{O}(0; \{2^4, 3^3, 6^7, 12^4\})$	43696
12	$\mathcal{O}(0; \{3^6, 6^7, 12^4\})$	349520

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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	$\mathcal{O}(0; \{2^5, 4^2, 6^7, 12^4\})$	21824
12	$\mathcal{O}(0; \{2, 3^3, 4^2, 6^7, 12^4\})$	174784
12	$\mathcal{O}(0; \{2^2, 4^4, 6^7, 12^4\})$	87296
12	$\mathcal{O}(0; \{2^5, 3, 6^8, 12^4\})$	21840
12	$\mathcal{O}(0; \{2, 3^4, 6^8, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^2, 3, 4^2, 6^8, 12^4\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^2, 6^9, 12^4\})$	87376
12	$\mathcal{O}(0; \{2^3, 6^{10}, 12^4\})$	43696
12	$\mathcal{O}(0; \{4^2, 6^{10}, 12^4\})$	174784
12	$\mathcal{O}(0; \{3, 6^{11}, 12^4\})$	174768
12	$\mathcal{O}(0; \{2^{15}, 3, 4, 12^5\})$	704
12	$\mathcal{O}(0; \{2^{11}, 3^4, 4, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^7, 4, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^{10}, 4, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^{12}, 3, 4^3, 12^5\})$	2816
12	$\mathcal{O}(0; \{2^8, 3^4, 4^3, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^7, 4^3, 12^5\})$	174848
12	$\mathcal{O}(0; \{3^{10}, 4^3, 12^5\})$	1398016
12	$\mathcal{O}(0; \{2^9, 3, 4^5, 12^5\})$	11264
12	$\mathcal{O}(0; \{2^5, 3^4, 4^5, 12^5\})$	87040
12	$\mathcal{O}(0; \{2, 3^7, 4^5, 12^5\})$	699392
12	$\mathcal{O}(0; \{2^6, 3, 4^7, 12^5\})$	45056
12	$\mathcal{O}(0; \{2^2, 3^4, 4^7, 12^5\})$	348160
12	$\mathcal{O}(0; \{2^3, 3, 4^9, 12^5\})$	180224
12	$\mathcal{O}(0; \{3, 4^{11}, 12^5\})$	720896
12	$\mathcal{O}(0; \{2^{12}, 3^2, 4, 6, 12^5\})$	2752
12	$\mathcal{O}(0; \{2^8, 3^5, 4, 6, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^8, 4, 6, 12^5\})$	174784
12	$\mathcal{O}(0; \{3^{11}, 4, 6, 12^5\})$	1398080
12	$\mathcal{O}(0; \{2^9, 3^2, 4^3, 6, 12^5\})$	11008
12	$\mathcal{O}(0; \{2^5, 3^5, 4^3, 6, 12^5\})$	87296
12	$\mathcal{O}(0; \{2, 3^8, 4^3, 6, 12^5\})$	699136
12	$\mathcal{O}(0; \{2^6, 3^2, 4^5, 6, 12^5\})$	44032
12	$\mathcal{O}(0; \{2^2, 3^5, 4^5, 6, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^3, 3^2, 4^7, 6, 12^5\})$	176128
12	$\mathcal{O}(0; \{3^2, 4^9, 6, 12^5\})$	704512
12	$\mathcal{O}(0; \{2^{13}, 4, 6^2, 12^5\})$	1344
12	$\mathcal{O}(0; \{2^9, 3^3, 4, 6^2, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^5, 3^6, 4, 6^2, 12^5\})$	87360
12	$\mathcal{O}(0; \{2, 3^9, 4, 6^2, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^{10}, 4^3, 6^2, 12^5\})$	5376
12	$\mathcal{O}(0; \{2^6, 3^3, 4^3, 6^2, 12^5\})$	43776
12	$\mathcal{O}(0; \{2^2, 3^6, 4^3, 6^2, 12^5\})$	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	$\mathcal{O}(0; \{2^7, 4^5, 6^2, 12^5\})$	21504
12	$\mathcal{O}(0; \{2^3, 3^3, 4^5, 6^2, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^4, 4^7, 6^2, 12^5\})$	86016
12	$\mathcal{O}(0; \{3^3, 4^7, 6^2, 12^5\})$	700416
12	$\mathcal{O}(0; \{2, 4^9, 6^2, 12^5\})$	344064
12	$\mathcal{O}(0; \{2^{10}, 3, 4, 6^3, 12^5\})$	5440
12	$\mathcal{O}(0; \{2^6, 3^4, 4, 6^3, 12^5\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^7, 4, 6^3, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^7, 3, 4^3, 6^3, 12^5\})$	21760
12	$\mathcal{O}(0; \{2^3, 3^4, 4^3, 6^3, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^4, 3, 4^5, 6^3, 12^5\})$	87040
12	$\mathcal{O}(0; \{3^4, 4^5, 6^3, 12^5\})$	699392
12	$\mathcal{O}(0; \{2, 3, 4^7, 6^3, 12^5\})$	348160
12	$\mathcal{O}(0; \{2^7, 3^2, 4, 6^4, 12^5\})$	21824
12	$\mathcal{O}(0; \{2^3, 3^5, 4, 6^4, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^4, 3^2, 4^3, 6^4, 12^5\})$	87296
12	$\mathcal{O}(0; \{3^5, 4^3, 6^4, 12^5\})$	699136
12	$\mathcal{O}(0; \{2, 3^2, 4^5, 6^4, 12^5\})$	349184
12	$\mathcal{O}(0; \{2^8, 4, 6^5, 12^5\})$	10944
12	$\mathcal{O}(0; \{2^4, 3^3, 4, 6^5, 12^5\})$	87360
12	$\mathcal{O}(0; \{3^6, 4, 6^5, 12^5\})$	699072
12	$\mathcal{O}(0; \{2^5, 4^3, 6^5, 12^5\})$	43776
12	$\mathcal{O}(0; \{2, 3^3, 4^3, 6^5, 12^5\})$	349440
12	$\mathcal{O}(0; \{2^2, 4^5, 6^5, 12^5\})$	175104
12	$\mathcal{O}(0; \{2^5, 3, 4, 6^6, 12^5\})$	43712
12	$\mathcal{O}(0; \{2, 3^4, 4, 6^6, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^2, 3, 4^3, 6^6, 12^5\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^2, 4, 6^7, 12^5\})$	174784
12	$\mathcal{O}(0; \{2^3, 4, 6^8, 12^5\})$	87360
12	$\mathcal{O}(0; \{4^3, 6^8, 12^5\})$	349440
12	$\mathcal{O}(0; \{3, 4, 6^9, 12^5\})$	349504
12	$\mathcal{O}(0; \{2^{16}, 12^6\})$	704
12	$\mathcal{O}(0; \{2^{12}, 3^3, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^8, 3^6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^4, 3^9, 12^6\})$	349504
12	$\mathcal{O}(0; \{3^{12}, 12^6\})$	2796224
12	$\mathcal{O}(0; \{2^{13}, 4^2, 12^6\})$	2816
12	$\mathcal{O}(0; \{2^9, 3^3, 4^2, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^5, 3^6, 4^2, 12^6\})$	174848
12	$\mathcal{O}(0; \{2, 3^9, 4^2, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^{10}, 4^4, 12^6\})$	11264
12	$\mathcal{O}(0; \{2^6, 3^3, 4^4, 12^6\})$	87040
12	$\mathcal{O}(0; \{2^2, 3^6, 4^4, 12^6\})$	699392

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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	$\mathcal{O}(0; \{2^7, 4^6, 12^6\})$	45056
12	$\mathcal{O}(0; \{2^3, 3^3, 4^6, 12^6\})$	348160
12	$\mathcal{O}(0; \{2^4, 4^8, 12^6\})$	180224
12	$\mathcal{O}(0; \{3^3, 4^8, 12^6\})$	1392640
12	$\mathcal{O}(0; \{2, 4^{10}, 12^6\})$	720896
12	$\mathcal{O}(0; \{2^{13}, 3, 6, 12^6\})$	2752
12	$\mathcal{O}(0; \{2^9, 3^4, 6, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^5, 3^7, 6, 12^6\})$	174784
12	$\mathcal{O}(0; \{2, 3^{10}, 6, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^{10}, 3, 4^2, 6, 12^6\})$	11008
12	$\mathcal{O}(0; \{2^6, 3^4, 4^2, 6, 12^6\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^7, 4^2, 6, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^7, 3, 4^4, 6, 12^6\})$	44032
12	$\mathcal{O}(0; \{2^3, 3^4, 4^4, 6, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^4, 3, 4^6, 6, 12^6\})$	176128
12	$\mathcal{O}(0; \{3^4, 4^6, 6, 12^6\})$	1396736
12	$\mathcal{O}(0; \{2, 3, 4^8, 6, 12^6\})$	704512
12	$\mathcal{O}(0; \{2^{10}, 3^2, 6^2, 12^6\})$	10944
12	$\mathcal{O}(0; \{2^6, 3^5, 6^2, 12^6\})$	87360
12	$\mathcal{O}(0; \{2^2, 3^8, 6^2, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^7, 3^2, 4^2, 6^2, 12^6\})$	43776
12	$\mathcal{O}(0; \{2^3, 3^5, 4^2, 6^2, 12^6\})$	349440
12	$\mathcal{O}(0; \{2^4, 3^2, 4^4, 6^2, 12^6\})$	175104
12	$\mathcal{O}(0; \{3^5, 4^4, 6^2, 12^6\})$	1397760
12	$\mathcal{O}(0; \{2, 3^2, 4^6, 6^2, 12^6\})$	700416
12	$\mathcal{O}(0; \{2^{11}, 6^3, 12^6\})$	5440
12	$\mathcal{O}(0; \{2^7, 3^3, 6^3, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^3, 3^6, 6^3, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^8, 4^2, 6^3, 12^6\})$	21760
12	$\mathcal{O}(0; \{2^4, 3^3, 4^2, 6^3, 12^6\})$	174848
12	$\mathcal{O}(0; \{3^6, 4^2, 6^3, 12^6\})$	1398016
12	$\mathcal{O}(0; \{2^5, 4^4, 6^3, 12^6\})$	87040
12	$\mathcal{O}(0; \{2, 3^3, 4^4, 6^3, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^2, 4^6, 6^3, 12^6\})$	348160
12	$\mathcal{O}(0; \{2^8, 3, 6^4, 12^6\})$	21824
12	$\mathcal{O}(0; \{2^4, 3^4, 6^4, 12^6\})$	174784
12	$\mathcal{O}(0; \{3^7, 6^4, 12^6\})$	1398080
12	$\mathcal{O}(0; \{2^5, 3, 4^2, 6^4, 12^6\})$	87296
12	$\mathcal{O}(0; \{2, 3^4, 4^2, 6^4, 12^6\})$	699136
12	$\mathcal{O}(0; \{2^2, 3, 4^4, 6^4, 12^6\})$	349184
12	$\mathcal{O}(0; \{2^5, 3^2, 6^5, 12^6\})$	87360
12	$\mathcal{O}(0; \{2, 3^5, 6^5, 12^6\})$	699072
12	$\mathcal{O}(0; \{2^2, 3^2, 4^2, 6^5, 12^6\})$	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	$\mathcal{O}(0; \{2^6, 6^6, 12^6\})$	43712
12	$\mathcal{O}(0; \{2^2, 3^3, 6^6, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^3, 4^2, 6^6, 12^6\})$	174848
12	$\mathcal{O}(0; \{4^4, 6^6, 12^6\})$	699392
12	$\mathcal{O}(0; \{2^3, 3, 6^7, 12^6\})$	174784
12	$\mathcal{O}(0; \{3, 4^2, 6^7, 12^6\})$	699136
12	$\mathcal{O}(0; \{3^2, 6^8, 12^6\})$	699072
12	$\mathcal{O}(0; \{2, 6^9, 12^6\})$	349504
12	$\mathcal{O}(0; \{2^{10}, 3^2, 4, 12^7\})$	21760
12	$\mathcal{O}(0; \{2^6, 3^5, 4, 12^7\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^8, 4, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^7, 3^2, 4^3, 12^7\})$	87040
12	$\mathcal{O}(0; \{2^3, 3^5, 4^3, 12^7\})$	699392
12	$\mathcal{O}(0; \{2^4, 3^2, 4^5, 12^7\})$	348160
12	$\mathcal{O}(0; \{3^5, 4^5, 12^7\})$	2797568
12	$\mathcal{O}(0; \{2, 3^2, 4^7, 12^7\})$	1392640
12	$\mathcal{O}(0; \{2^{11}, 4, 6, 12^7\})$	11008
12	$\mathcal{O}(0; \{2^7, 3^3, 4, 6, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^3, 3^6, 4, 6, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^8, 4^3, 6, 12^7\})$	44032
12	$\mathcal{O}(0; \{2^4, 3^3, 4^3, 6, 12^7\})$	349184
12	$\mathcal{O}(0; \{3^6, 4^3, 6, 12^7\})$	2796544
12	$\mathcal{O}(0; \{2^5, 4^5, 6, 12^7\})$	176128
12	$\mathcal{O}(0; \{2, 3^3, 4^5, 6, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2^2, 4^7, 6, 12^7\})$	704512
12	$\mathcal{O}(0; \{2^8, 3, 4, 6^2, 12^7\})$	43776
12	$\mathcal{O}(0; \{2^4, 3^4, 4, 6^2, 12^7\})$	349440
12	$\mathcal{O}(0; \{3^7, 4, 6^2, 12^7\})$	2796288
12	$\mathcal{O}(0; \{2^5, 3, 4^3, 6^2, 12^7\})$	175104
12	$\mathcal{O}(0; \{2, 3^4, 4^3, 6^2, 12^7\})$	1397760
12	$\mathcal{O}(0; \{2^2, 3, 4^5, 6^2, 12^7\})$	700416
12	$\mathcal{O}(0; \{2^5, 3^2, 4, 6^3, 12^7\})$	174848
12	$\mathcal{O}(0; \{2, 3^5, 4, 6^3, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2^2, 3^2, 4^3, 6^3, 12^7\})$	699392
12	$\mathcal{O}(0; \{2^6, 4, 6^4, 12^7\})$	87296
12	$\mathcal{O}(0; \{2^2, 3^3, 4, 6^4, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^3, 4^3, 6^4, 12^7\})$	349184
12	$\mathcal{O}(0; \{4^5, 6^4, 12^7\})$	1396736
12	$\mathcal{O}(0; \{2^3, 3, 4, 6^5, 12^7\})$	349440
12	$\mathcal{O}(0; \{3, 4^3, 6^5, 12^7\})$	1397760
12	$\mathcal{O}(0; \{3^2, 4, 6^6, 12^7\})$	1398016
12	$\mathcal{O}(0; \{2, 4, 6^7, 12^7\})$	699136
12	$\mathcal{O}(0; \{2^{11}, 3, 12^8\})$	21760

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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	$\mathcal{O}(0; \{2^7, 3^4, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^3, 3^7, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^8, 3, 4^2, 12^8\})$	87040
12	$\mathcal{O}(0; \{2^4, 3^4, 4^2, 12^8\})$	699392
12	$\mathcal{O}(0; \{3^7, 4^2, 12^8\})$	5592064
12	$\mathcal{O}(0; \{2^5, 3, 4^4, 12^8\})$	348160
12	$\mathcal{O}(0; \{2, 3^4, 4^4, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2^2, 3, 4^6, 12^8\})$	1392640
12	$\mathcal{O}(0; \{2^8, 3^2, 6, 12^8\})$	87296
12	$\mathcal{O}(0; \{2^4, 3^5, 6, 12^8\})$	699136
12	$\mathcal{O}(0; \{3^8, 6, 12^8\})$	5592320
12	$\mathcal{O}(0; \{2^5, 3^2, 4^2, 6, 12^8\})$	349184
12	$\mathcal{O}(0; \{2, 3^5, 4^2, 6, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^2, 3^2, 4^4, 6, 12^8\})$	1396736
12	$\mathcal{O}(0; \{2^9, 6^2, 12^8\})$	43776
12	$\mathcal{O}(0; \{2^5, 3^3, 6^2, 12^8\})$	349440
12	$\mathcal{O}(0; \{2, 3^6, 6^2, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2^6, 4^2, 6^2, 12^8\})$	175104
12	$\mathcal{O}(0; \{2^2, 3^3, 4^2, 6^2, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2^3, 4^4, 6^2, 12^8\})$	700416
12	$\mathcal{O}(0; \{4^6, 6^2, 12^8\})$	2801664
12	$\mathcal{O}(0; \{2^6, 3, 6^3, 12^8\})$	174848
12	$\mathcal{O}(0; \{2^2, 3^4, 6^3, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^3, 3, 4^2, 6^3, 12^8\})$	699392
12	$\mathcal{O}(0; \{3, 4^4, 6^3, 12^8\})$	2797568
12	$\mathcal{O}(0; \{2^3, 3^2, 6^4, 12^8\})$	699136
12	$\mathcal{O}(0; \{3^2, 4^2, 6^4, 12^8\})$	2796544
12	$\mathcal{O}(0; \{2^4, 6^5, 12^8\})$	349440
12	$\mathcal{O}(0; \{3^3, 6^5, 12^8\})$	2796288
12	$\mathcal{O}(0; \{2, 4^2, 6^5, 12^8\})$	1397760
12	$\mathcal{O}(0; \{2, 3, 6^6, 12^8\})$	1398016
12	$\mathcal{O}(0; \{2^9, 4, 12^9\})$	87040
12	$\mathcal{O}(0; \{2^5, 3^3, 4, 12^9\})$	699392
12	$\mathcal{O}(0; \{2, 3^6, 4, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2^6, 4^3, 12^9\})$	348160
12	$\mathcal{O}(0; \{2^2, 3^3, 4^3, 12^9\})$	2797568
12	$\mathcal{O}(0; \{2^3, 4^5, 12^9\})$	1392640
12	$\mathcal{O}(0; \{4^7, 12^9\})$	5570560
12	$\mathcal{O}(0; \{2^6, 3, 4, 6, 12^9\})$	349184
12	$\mathcal{O}(0; \{2^2, 3^4, 4, 6, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2^3, 3, 4^3, 6, 12^9\})$	1396736
12	$\mathcal{O}(0; \{3, 4^5, 6, 12^9\})$	5586944
12	$\mathcal{O}(0; \{2^3, 3^2, 4, 6^2, 12^9\})$	1397760

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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	$\mathcal{O}(0; \{3^2, 4^3, 6^2, 12^9\})$	5591040
12	$\mathcal{O}(0; \{2^4, 4, 6^3, 12^9\})$	699392
12	$\mathcal{O}(0; \{3^3, 4, 6^3, 12^9\})$	5592064
12	$\mathcal{O}(0; \{2, 4^3, 6^3, 12^9\})$	2797568
12	$\mathcal{O}(0; \{2, 3, 4, 6^4, 12^9\})$	2796544
12	$\mathcal{O}(0; \{2^6, 3^2, 12^{10}\})$	699392
12	$\mathcal{O}(0; \{2^2, 3^5, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 12^{10}\})$	2797568
12	$\mathcal{O}(0; \{3^2, 4^4, 12^{10}\})$	11190272
12	$\mathcal{O}(0; \{2^7, 6, 12^{10}\})$	349184
12	$\mathcal{O}(0; \{2^3, 3^3, 6, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2^4, 4^2, 6, 12^{10}\})$	1396736
12	$\mathcal{O}(0; \{3^3, 4^2, 6, 12^{10}\})$	11186176
12	$\mathcal{O}(0; \{2, 4^4, 6, 12^{10}\})$	5586944
12	$\mathcal{O}(0; \{2^4, 3, 6^2, 12^{10}\})$	1397760
12	$\mathcal{O}(0; \{3^4, 6^2, 12^{10}\})$	11185152
12	$\mathcal{O}(0; \{2, 3, 4^2, 6^2, 12^{10}\})$	5591040
12	$\mathcal{O}(0; \{2, 3^2, 6^3, 12^{10}\})$	5592064
12	$\mathcal{O}(0; \{2^2, 6^4, 12^{10}\})$	2796544
12	$\mathcal{O}(0; \{2^4, 3, 4, 12^{11}\})$	2797568
12	$\mathcal{O}(0; \{3^4, 4, 12^{11}\})$	22368256
12	$\mathcal{O}(0; \{2, 3, 4^3, 12^{11}\})$	11190272
12	$\mathcal{O}(0; \{2, 3^2, 4, 6, 12^{11}\})$	11186176
12	$\mathcal{O}(0; \{2^2, 4, 6^2, 12^{11}\})$	5591040
12	$\mathcal{O}(0; \{2^5, 12^{12}\})$	2797568
12	$\mathcal{O}(0; \{2, 3^3, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{2^2, 4^2, 12^{12}\})$	11190272
12	$\mathcal{O}(0; \{2^2, 3, 6, 12^{12}\})$	11186176
12	$\mathcal{O}(0; \{6^3, 12^{12}\})$	22368256
12	$\mathcal{O}(0; \{4, 6, 12^{13}\})$	44744704
12	$\mathcal{O}(0; \{3, 12^{14}\})$	89473024
13	$\mathcal{O}(4; \{13^5\})$	15613085999940
14	$\mathcal{O}(5; \{14^2\})$	1735527929856
14	$\mathcal{O}(4; \{2^4, 14^2\})$	8854734336
14	$\mathcal{O}(3; \{2^3, 7^4, 14\})$	8357784960
14	$\mathcal{O}(3; \{2^8, 14^2\})$	45177216
14	$\mathcal{O}(3; \{2, 7^3, 14^3\})$	50191886976
14	$\mathcal{O}(2; \{2^2, 7^8\})$	9217765536
14	$\mathcal{O}(2; \{2^7, 7^4, 14\})$	42641760
14	$\mathcal{O}(2; \{2^{12}, 14^2\})$	230496
14	$\mathcal{O}(2; \{7^7, 14^2\})$	55306362720
14	$\mathcal{O}(2; \{2^5, 7^3, 14^3\})$	256081056
14	$\mathcal{O}(2; \{2^3, 7^2, 14^5\})$	1536255840

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(2; \{2, 7, 14^7\})$	9217765536
14	$\mathcal{O}(1; \{2^6, 7^8\})$	47029416
14	$\mathcal{O}(1; \{2^{11}, 7^4, 14\})$	217560
14	$\mathcal{O}(1; \{2^{16}, 14^2\})$	1176
14	$\mathcal{O}(1; \{2^4, 7^7, 14^2\})$	282175320
14	$\mathcal{O}(1; \{2^9, 7^3, 14^3\})$	1306536
14	$\mathcal{O}(1; \{2^2, 7^6, 14^4\})$	1693053096
14	$\mathcal{O}(1; \{2^7, 7^2, 14^5\})$	7838040
14	$\mathcal{O}(1; \{7^5, 14^6\})$	10158317400
14	$\mathcal{O}(1; \{2^5, 7, 14^7\})$	47029416
14	$\mathcal{O}(1; \{2^3, 14^9\})$	282175320
14	$\mathcal{O}(0; \{2^{10}, 7^8\})$	239946
14	$\mathcal{O}(0; \{2^{15}, 7^4, 14\})$	1110
14	$\mathcal{O}(0; \{2^3, 7^{11}, 14\})$	310968906
14	$\mathcal{O}(0; \{2^{20}, 14^2\})$	6
14	$\mathcal{O}(0; \{2^8, 7^7, 14^2\})$	1439670
14	$\mathcal{O}(0; \{2^{13}, 7^3, 14^3\})$	6666
14	$\mathcal{O}(0; \{2, 7^{10}, 14^3\})$	1865813430
14	$\mathcal{O}(0; \{2^6, 7^6, 14^4\})$	8638026
14	$\mathcal{O}(0; \{2^{11}, 7^2, 14^5\})$	39990
14	$\mathcal{O}(0; \{2^4, 7^5, 14^6\})$	51828150
14	$\mathcal{O}(0; \{2^9, 7, 14^7\})$	239946
14	$\mathcal{O}(0; \{2^2, 7^4, 14^8\})$	310968906
14	$\mathcal{O}(0; \{2^7, 14^9\})$	1439670
14	$\mathcal{O}(0; \{7^3, 14^{10}\})$	1865813430
15	$\mathcal{O}(4; \{5^4\})$	133250000000
15	$\mathcal{O}(4; \{3, 5^2, 15\})$	61509375000
15	$\mathcal{O}(4; \{3^2, 15^2\})$	61509375000
15	$\mathcal{O}(3; \{3^3, 5^4\})$	1184625000
15	$\mathcal{O}(3; \{3^4, 5^2, 15\})$	1366875000
15	$\mathcal{O}(3; \{3^5, 15^2\})$	1913625000
15	$\mathcal{O}(3; \{5^3, 15^3\})$	18680625000
15	$\mathcal{O}(3; \{3, 5, 15^4\})$	23236875000
15	$\mathcal{O}(2; \{3^6, 5^4\})$	57915000
15	$\mathcal{O}(2; \{5^9\})$	2621400000
15	$\mathcal{O}(2; \{3^7, 5^2, 15\})$	52245000
15	$\mathcal{O}(2; \{3, 5^7, 15\})$	1327185000
15	$\mathcal{O}(2; \{3^8, 15^2\})$	69255000
15	$\mathcal{O}(2; \{3^2, 5^5, 15^2\})$	995085000
15	$\mathcal{O}(2; \{3^3, 5^3, 15^3\})$	913275000
15	$\mathcal{O}(2; \{3^4, 5, 15^4\})$	888165000
15	$\mathcal{O}(2; \{5^2, 15^6\})$	14599035000
15	$\mathcal{O}(2; \{3, 15^7\})$	14262885000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(1; \{3^9, 5^4\})$	1989000
15	$\mathcal{O}(1; \{3^3, 5^9\})$	23592600
15	$\mathcal{O}(1; \{3^{10}, 5^2, 15\})$	1841400
15	$\mathcal{O}(1; \{3^4, 5^7, 15\})$	29493000
15	$\mathcal{O}(1; \{3^{11}, 15^2\})$	2457000
15	$\mathcal{O}(1; \{3^5, 5^5, 15^2\})$	30958200
15	$\mathcal{O}(1; \{3^6, 5^3, 15^3\})$	31365000
15	$\mathcal{O}(1; \{5^8, 15^3\})$	377487000
15	$\mathcal{O}(1; \{3^7, 5, 15^4\})$	31303800
15	$\mathcal{O}(1; \{3, 5^6, 15^4\})$	471861000
15	$\mathcal{O}(1; \{3^2, 5^4, 15^5\})$	495444600
15	$\mathcal{O}(1; \{3^3, 5^2, 15^6\})$	501381000
15	$\mathcal{O}(1; \{3^4, 15^7\})$	502702200
15	$\mathcal{O}(1; \{5, 15^9\})$	8021637000
15	$\mathcal{O}(0; \{3^{12}, 5^4\})$	71032
15	$\mathcal{O}(0; \{3^6, 5^9\})$	1153416
15	$\mathcal{O}(0; \{3^{13}, 5^2, 15\})$	65544
15	$\mathcal{O}(0; \{3^7, 5^7, 15\})$	1127288
15	$\mathcal{O}(0; \{3, 5^{12}, 15\})$	26843544
15	$\mathcal{O}(0; \{3^{14}, 15^2\})$	87384
15	$\mathcal{O}(0; \{3^8, 5^5, 15^2\})$	1120392
15	$\mathcal{O}(0; \{3^2, 5^{10}, 15^2\})$	20132664
15	$\mathcal{O}(0; \{3^9, 5^3, 15^3\})$	1120120
15	$\mathcal{O}(0; \{3^3, 5^8, 15^3\})$	18454920
15	$\mathcal{O}(0; \{3^{10}, 5, 15^4\})$	1114248
15	$\mathcal{O}(0; \{3^4, 5^6, 15^4\})$	18035576
15	$\mathcal{O}(0; \{3^5, 5^4, 15^5\})$	17930376
15	$\mathcal{O}(0; \{3^6, 5^2, 15^6\})$	17905528
15	$\mathcal{O}(0; \{5^7, 15^6\})$	295278984
15	$\mathcal{O}(0; \{3^7, 15^7\})$	17893512
15	$\mathcal{O}(0; \{3, 5^5, 15^7\})$	288568184
15	$\mathcal{O}(0; \{3^2, 5^3, 15^8\})$	286890120
15	$\mathcal{O}(0; \{3^3, 5, 15^9\})$	286472056
15	$\mathcal{O}(0; \{15^{12}\})$	4583536504
16	$\mathcal{O}(4; \{4, 16^2\})$	68719476736
16	$\mathcal{O}(3; \{2^4, 4, 16^2\})$	268435456
16	$\mathcal{O}(3; \{2, 4^3, 16^2\})$	1073741824
16	$\mathcal{O}(3; \{2^2, 8^2, 16^2\})$	2147483648
16	$\mathcal{O}(3; \{8, 16^4\})$	34359738368
16	$\mathcal{O}(2; \{2^8, 4, 16^2\})$	1048576
16	$\mathcal{O}(2; \{2^5, 4^3, 16^2\})$	4194304
16	$\mathcal{O}(2; \{2^2, 4^5, 16^2\})$	16777216
16	$\mathcal{O}(2; \{2^6, 8^2, 16^2\})$	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	$\mathcal{O}(2; \{2^3, 4^2, 8^2, 16^2\})$	33554432
16	$\mathcal{O}(2; \{4^4, 8^2, 16^2\})$	134217728
16	$\mathcal{O}(2; \{2, 4, 8^4, 16^2\})$	268435456
16	$\mathcal{O}(2; \{2^4, 8, 16^4\})$	134217728
16	$\mathcal{O}(2; \{2, 4^2, 8, 16^4\})$	536870912
16	$\mathcal{O}(2; \{2^2, 16^6\})$	2147483648
16	$\mathcal{O}(1; \{2^{12}, 4, 16^2\})$	4096
16	$\mathcal{O}(1; \{2^9, 4^3, 16^2\})$	16384
16	$\mathcal{O}(1; \{2^6, 4^5, 16^2\})$	65536
16	$\mathcal{O}(1; \{2^3, 4^7, 16^2\})$	262144
16	$\mathcal{O}(1; \{4^9, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2^{10}, 8^2, 16^2\})$	32768
16	$\mathcal{O}(1; \{2^7, 4^2, 8^2, 16^2\})$	131072
16	$\mathcal{O}(1; \{2^4, 4^4, 8^2, 16^2\})$	524288
16	$\mathcal{O}(1; \{2, 4^6, 8^2, 16^2\})$	2097152
16	$\mathcal{O}(1; \{2^5, 4, 8^4, 16^2\})$	1048576
16	$\mathcal{O}(1; \{2^2, 4^3, 8^4, 16^2\})$	4194304
16	$\mathcal{O}(1; \{2^3, 8^6, 16^2\})$	8388608
16	$\mathcal{O}(1; \{4^2, 8^6, 16^2\})$	33554432
16	$\mathcal{O}(1; \{2^8, 8, 16^4\})$	524288
16	$\mathcal{O}(1; \{2^5, 4^2, 8, 16^4\})$	2097152
16	$\mathcal{O}(1; \{2^2, 4^4, 8, 16^4\})$	8388608
16	$\mathcal{O}(1; \{2^3, 4, 8^3, 16^4\})$	16777216
16	$\mathcal{O}(1; \{4^3, 8^3, 16^4\})$	67108864
16	$\mathcal{O}(1; \{2, 8^5, 16^4\})$	134217728
16	$\mathcal{O}(1; \{2^6, 16^6\})$	8388608
16	$\mathcal{O}(1; \{2^3, 4^2, 16^6\})$	33554432
16	$\mathcal{O}(1; \{4^4, 16^6\})$	134217728
16	$\mathcal{O}(1; \{2, 4, 8^2, 16^6\})$	268435456
16	$\mathcal{O}(0; \{2^{16}, 4, 16^2\})$	16
16	$\mathcal{O}(0; \{2^{13}, 4^3, 16^2\})$	64
16	$\mathcal{O}(0; \{2^{10}, 4^5, 16^2\})$	256
16	$\mathcal{O}(0; \{2^7, 4^7, 16^2\})$	1024
16	$\mathcal{O}(0; \{2^4, 4^9, 16^2\})$	4096
16	$\mathcal{O}(0; \{2, 4^{11}, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^{14}, 8^2, 16^2\})$	128
16	$\mathcal{O}(0; \{2^{11}, 4^2, 8^2, 16^2\})$	512
16	$\mathcal{O}(0; \{2^8, 4^4, 8^2, 16^2\})$	2048
16	$\mathcal{O}(0; \{2^5, 4^6, 8^2, 16^2\})$	8192
16	$\mathcal{O}(0; \{2^2, 4^8, 8^2, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^9, 4, 8^4, 16^2\})$	4096
16	$\mathcal{O}(0; \{2^6, 4^3, 8^4, 16^2\})$	16384
16	$\mathcal{O}(0; \{2^3, 4^5, 8^4, 16^2\})$	65536

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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	$\mathcal{O}(0; \{4^7, 8^4, 16^2\})$	262144
16	$\mathcal{O}(0; \{2^7, 8^6, 16^2\})$	32768
16	$\mathcal{O}(0; \{2^4, 4^2, 8^6, 16^2\})$	131072
16	$\mathcal{O}(0; \{2, 4^4, 8^6, 16^2\})$	524288
16	$\mathcal{O}(0; \{2^2, 4, 8^8, 16^2\})$	1048576
16	$\mathcal{O}(0; \{8^{10}, 16^2\})$	8388608
16	$\mathcal{O}(0; \{2^{12}, 8, 16^4\})$	2048
16	$\mathcal{O}(0; \{2^9, 4^2, 8, 16^4\})$	8192
16	$\mathcal{O}(0; \{2^6, 4^4, 8, 16^4\})$	32768
16	$\mathcal{O}(0; \{2^3, 4^6, 8, 16^4\})$	131072
16	$\mathcal{O}(0; \{4^8, 8, 16^4\})$	524288
16	$\mathcal{O}(0; \{2^7, 4, 8^3, 16^4\})$	65536
16	$\mathcal{O}(0; \{2^4, 4^3, 8^3, 16^4\})$	262144
16	$\mathcal{O}(0; \{2, 4^5, 8^3, 16^4\})$	1048576
16	$\mathcal{O}(0; \{2^5, 8^5, 16^4\})$	524288
16	$\mathcal{O}(0; \{2^2, 4^2, 8^5, 16^4\})$	2097152
16	$\mathcal{O}(0; \{4, 8^7, 16^4\})$	16777216
16	$\mathcal{O}(0; \{2^{10}, 16^6\})$	32768
16	$\mathcal{O}(0; \{2^7, 4^2, 16^6\})$	131072
16	$\mathcal{O}(0; \{2^4, 4^4, 16^6\})$	524288
16	$\mathcal{O}(0; \{2, 4^6, 16^6\})$	2097152
16	$\mathcal{O}(0; \{2^5, 4, 8^2, 16^6\})$	1048576
16	$\mathcal{O}(0; \{2^2, 4^3, 8^2, 16^6\})$	4194304
16	$\mathcal{O}(0; \{2^3, 8^4, 16^6\})$	8388608
16	$\mathcal{O}(0; \{4^2, 8^4, 16^6\})$	33554432
16	$\mathcal{O}(0; \{2^3, 4, 8, 16^8\})$	16777216
16	$\mathcal{O}(0; \{4^3, 8, 16^8\})$	67108864
16	$\mathcal{O}(0; \{2, 8^3, 16^8\})$	134217728
16	$\mathcal{O}(0; \{2, 4, 16^{10}\})$	268435456
18	$\mathcal{O}(4; \{6^2\})$	22036561920
18	$\mathcal{O}(3; \{2^2, 3^4\})$	203793408
18	$\mathcal{O}(3; \{2^3, 3^2, 6\})$	67931136
18	$\mathcal{O}(3; \{2^4, 6^2\})$	67931136
18	$\mathcal{O}(3; \{3^3, 6^2\})$	339655680
18	$\mathcal{O}(3; \{2, 3, 6^3\})$	203793408
18	$\mathcal{O}(3; \{2^2, 9^3\})$	612220032
18	$\mathcal{O}(3; \{2, 3^2, 9, 18\})$	816293376
18	$\mathcal{O}(3; \{2^2, 6, 9, 18\})$	408146688
18	$\mathcal{O}(3; \{9^2, 18^2\})$	5509980288
18	$\mathcal{O}(3; \{6, 18^3\})$	1224440064
18	$\mathcal{O}(2; \{2^6, 3^4\})$	622080
18	$\mathcal{O}(2; \{2^2, 3^7\})$	4354560
18	$\mathcal{O}(2; \{2^7, 3^2, 6\})$	207360

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{2^3, 3^5, 6\})$	2280960
18	$\mathcal{O}(2; \{2^8, 6^2\})$	207360
18	$\mathcal{O}(2; \{2^4, 3^3, 6^2\})$	1036800
18	$\mathcal{O}(2; \{3^6, 6^2\})$	8916480
18	$\mathcal{O}(2; \{2^5, 3, 6^3\})$	622080
18	$\mathcal{O}(2; \{2, 3^4, 6^3\})$	4354560
18	$\mathcal{O}(2; \{2^2, 3^2, 6^4\})$	2280960
18	$\mathcal{O}(2; \{2^3, 6^5\})$	1036800
18	$\mathcal{O}(2; \{3, 6^6\})$	4354560
18	$\mathcal{O}(2; \{2^6, 9^3\})$	1889568
18	$\mathcal{O}(2; \{2^2, 3^3, 9^3\})$	15116544
18	$\mathcal{O}(2; \{2^3, 3, 6, 9^3\})$	7558272
18	$\mathcal{O}(2; \{3^2, 6^2, 9^3\})$	30233088
18	$\mathcal{O}(2; \{2, 6^3, 9^3\})$	15116544
18	$\mathcal{O}(2; \{2^5, 3^2, 9, 18\})$	2519424
18	$\mathcal{O}(2; \{2, 3^5, 9, 18\})$	20155392
18	$\mathcal{O}(2; \{2^6, 6, 9, 18\})$	1259712
18	$\mathcal{O}(2; \{2^2, 3^3, 6, 9, 18\})$	10077696
18	$\mathcal{O}(2; \{2^3, 3, 6^2, 9, 18\})$	5038848
18	$\mathcal{O}(2; \{3^2, 6^3, 9, 18\})$	20155392
18	$\mathcal{O}(2; \{2, 6^4, 9, 18\})$	10077696
18	$\mathcal{O}(2; \{2, 3, 9^4, 18\})$	170061120
18	$\mathcal{O}(2; \{2^4, 9^2, 18^2\})$	17006112
18	$\mathcal{O}(2; \{3^3, 9^2, 18^2\})$	136048896
18	$\mathcal{O}(2; \{2, 3, 6, 9^2, 18^2\})$	68024448
18	$\mathcal{O}(2; \{2^3, 3^2, 18^3\})$	7558272
18	$\mathcal{O}(2; \{2^4, 6, 18^3\})$	3779136
18	$\mathcal{O}(2; \{3^3, 6, 18^3\})$	30233088
18	$\mathcal{O}(2; \{2, 3, 6^2, 18^3\})$	15116544
18	$\mathcal{O}(2; \{2^2, 9, 18^4\})$	85030560
18	$\mathcal{O}(2; \{18^6\})$	561201696
18	$\mathcal{O}(1; \{2^{10}, 3^4\})$	1728
18	$\mathcal{O}(1; \{2^6, 3^7\})$	12096
18	$\mathcal{O}(1; \{2^2, 3^{10}\})$	98496
18	$\mathcal{O}(1; \{2^{11}, 3^2, 6\})$	576
18	$\mathcal{O}(1; \{2^7, 3^5, 6\})$	6336
18	$\mathcal{O}(1; \{2^3, 3^8, 6\})$	48960
18	$\mathcal{O}(1; \{2^{12}, 6^2\})$	576
18	$\mathcal{O}(1; \{2^8, 3^3, 6^2\})$	2880
18	$\mathcal{O}(1; \{2^4, 3^6, 6^2\})$	24768
18	$\mathcal{O}(1; \{3^9, 6^2\})$	196416
18	$\mathcal{O}(1; \{2^9, 3, 6^3\})$	1728
18	$\mathcal{O}(1; \{2^5, 3^4, 6^3\})$	12096

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2, 3^7, 6^3\})$	98496
18	$\mathcal{O}(1; \{2^6, 3^2, 6^4\})$	6336
18	$\mathcal{O}(1; \{2^2, 3^5, 6^4\})$	48960
18	$\mathcal{O}(1; \{2^7, 6^5\})$	2880
18	$\mathcal{O}(1; \{2^3, 3^3, 6^5\})$	24768
18	$\mathcal{O}(1; \{2^4, 3, 6^6\})$	12096
18	$\mathcal{O}(1; \{3^4, 6^6\})$	98496
18	$\mathcal{O}(1; \{2, 3^2, 6^7\})$	48960
18	$\mathcal{O}(1; \{2^2, 6^8\})$	24768
18	$\mathcal{O}(1; \{2^{10}, 9^3\})$	5832
18	$\mathcal{O}(1; \{2^6, 3^3, 9^3\})$	46656
18	$\mathcal{O}(1; \{2^2, 3^6, 9^3\})$	373248
18	$\mathcal{O}(1; \{2^7, 3, 6, 9^3\})$	23328
18	$\mathcal{O}(1; \{2^3, 3^4, 6, 9^3\})$	186624
18	$\mathcal{O}(1; \{2^4, 3^2, 6^2, 9^3\})$	93312
18	$\mathcal{O}(1; \{3^5, 6^2, 9^3\})$	746496
18	$\mathcal{O}(1; \{2^5, 6^3, 9^3\})$	46656
18	$\mathcal{O}(1; \{2, 3^3, 6^3, 9^3\})$	373248
18	$\mathcal{O}(1; \{2^2, 3, 6^4, 9^3\})$	186624
18	$\mathcal{O}(1; \{6^6, 9^3\})$	373248
18	$\mathcal{O}(1; \{2^2, 3^2, 9^6\})$	6928416
18	$\mathcal{O}(1; \{2^3, 6, 9^6\})$	3464208
18	$\mathcal{O}(1; \{3, 6^2, 9^6\})$	13856832
18	$\mathcal{O}(1; \{2^9, 3^2, 9, 18\})$	7776
18	$\mathcal{O}(1; \{2^5, 3^5, 9, 18\})$	62208
18	$\mathcal{O}(1; \{2, 3^8, 9, 18\})$	497664
18	$\mathcal{O}(1; \{2^{10}, 6, 9, 18\})$	3888
18	$\mathcal{O}(1; \{2^6, 3^3, 6, 9, 18\})$	31104
18	$\mathcal{O}(1; \{2^2, 3^6, 6, 9, 18\})$	248832
18	$\mathcal{O}(1; \{2^7, 3, 6^2, 9, 18\})$	15552
18	$\mathcal{O}(1; \{2^3, 3^4, 6^2, 9, 18\})$	124416
18	$\mathcal{O}(1; \{2^4, 3^2, 6^3, 9, 18\})$	62208
18	$\mathcal{O}(1; \{3^5, 6^3, 9, 18\})$	497664
18	$\mathcal{O}(1; \{2^5, 6^4, 9, 18\})$	31104
18	$\mathcal{O}(1; \{2, 3^3, 6^4, 9, 18\})$	248832
18	$\mathcal{O}(1; \{2^2, 3, 6^5, 9, 18\})$	124416
18	$\mathcal{O}(1; \{6^7, 9, 18\})$	248832
18	$\mathcal{O}(1; \{2^5, 3, 9^4, 18\})$	524880
18	$\mathcal{O}(1; \{2, 3^4, 9^4, 18\})$	4199040
18	$\mathcal{O}(1; \{2^2, 3^2, 6, 9^4, 18\})$	2099520
18	$\mathcal{O}(1; \{2^3, 6^2, 9^4, 18\})$	1049760
18	$\mathcal{O}(1; \{3, 6^3, 9^4, 18\})$	4199040
18	$\mathcal{O}(1; \{2, 9^7, 18\})$	60938568

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{2^8, 9^2, 18^2\})$	52488
18	$\mathcal{O}(1; \{2^4, 3^3, 9^2, 18^2\})$	419904
18	$\mathcal{O}(1; \{3^6, 9^2, 18^2\})$	3359232
18	$\mathcal{O}(1; \{2^5, 3, 6, 9^2, 18^2\})$	209952
18	$\mathcal{O}(1; \{2, 3^4, 6, 9^2, 18^2\})$	1679616
18	$\mathcal{O}(1; \{2^2, 3^2, 6^2, 9^2, 18^2\})$	839808
18	$\mathcal{O}(1; \{2^3, 6^3, 9^2, 18^2\})$	419904
18	$\mathcal{O}(1; \{3, 6^4, 9^2, 18^2\})$	1679616
18	$\mathcal{O}(1; \{3^2, 9^5, 18^2\})$	39680928
18	$\mathcal{O}(1; \{2, 6, 9^5, 18^2\})$	19840464
18	$\mathcal{O}(1; \{2^7, 3^2, 18^3\})$	23328
18	$\mathcal{O}(1; \{2^3, 3^5, 18^3\})$	186624
18	$\mathcal{O}(1; \{2^8, 6, 18^3\})$	11664
18	$\mathcal{O}(1; \{2^4, 3^3, 6, 18^3\})$	93312
18	$\mathcal{O}(1; \{3^6, 6, 18^3\})$	746496
18	$\mathcal{O}(1; \{2^5, 3, 6^2, 18^3\})$	46656
18	$\mathcal{O}(1; \{2, 3^4, 6^2, 18^3\})$	373248
18	$\mathcal{O}(1; \{2^2, 3^2, 6^3, 18^3\})$	186624
18	$\mathcal{O}(1; \{2^3, 6^4, 18^3\})$	93312
18	$\mathcal{O}(1; \{3, 6^5, 18^3\})$	373248
18	$\mathcal{O}(1; \{2^3, 3, 9^3, 18^3\})$	3464208
18	$\mathcal{O}(1; \{3^2, 6, 9^3, 18^3\})$	13856832
18	$\mathcal{O}(1; \{2, 6^2, 9^3, 18^3\})$	6928416
18	$\mathcal{O}(1; \{2^6, 9, 18^4\})$	262440
18	$\mathcal{O}(1; \{2^2, 3^3, 9, 18^4\})$	2099520
18	$\mathcal{O}(1; \{2^3, 3, 6, 9, 18^4\})$	1049760
18	$\mathcal{O}(1; \{3^2, 6^2, 9, 18^4\})$	4199040
18	$\mathcal{O}(1; \{2, 6^3, 9, 18^4\})$	2099520
18	$\mathcal{O}(1; \{2, 3, 9^2, 18^5\})$	19840464
18	$\mathcal{O}(1; \{2^4, 18^6\})$	1732104
18	$\mathcal{O}(1; \{3^3, 18^6\})$	13856832
18	$\mathcal{O}(1; \{2, 3, 6, 18^6\})$	6928416
18	$\mathcal{O}(0; \{2^{14}, 9^3\})$	18
18	$\mathcal{O}(0; \{2^{10}, 3^3, 9^3\})$	144
18	$\mathcal{O}(0; \{2^6, 3^6, 9^3\})$	1152
18	$\mathcal{O}(0; \{2^2, 3^9, 9^3\})$	9216
18	$\mathcal{O}(0; \{2^{11}, 3, 6, 9^3\})$	72
18	$\mathcal{O}(0; \{2^7, 3^4, 6, 9^3\})$	576
18	$\mathcal{O}(0; \{2^3, 3^7, 6, 9^3\})$	4608
18	$\mathcal{O}(0; \{2^8, 3^2, 6^2, 9^3\})$	288
18	$\mathcal{O}(0; \{2^4, 3^5, 6^2, 9^3\})$	2304
18	$\mathcal{O}(0; \{3^8, 6^2, 9^3\})$	18432
18	$\mathcal{O}(0; \{2^9, 6^3, 9^3\})$	144

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^5, 3^3, 6^3, 9^3\})$	1152
18	$\mathcal{O}(0; \{2, 3^6, 6^3, 9^3\})$	9216
18	$\mathcal{O}(0; \{2^6, 3, 6^4, 9^3\})$	576
18	$\mathcal{O}(0; \{2^2, 3^4, 6^4, 9^3\})$	4608
18	$\mathcal{O}(0; \{2^3, 3^2, 6^5, 9^3\})$	2304
18	$\mathcal{O}(0; \{2^4, 6^6, 9^3\})$	1152
18	$\mathcal{O}(0; \{3^3, 6^6, 9^3\})$	9216
18	$\mathcal{O}(0; \{2, 3, 6^7, 9^3\})$	4608
18	$\mathcal{O}(0; \{2^6, 3^2, 9^6\})$	21384
18	$\mathcal{O}(0; \{2^2, 3^5, 9^6\})$	171072
18	$\mathcal{O}(0; \{2^7, 6, 9^6\})$	10692
18	$\mathcal{O}(0; \{2^3, 3^3, 6, 9^6\})$	85536
18	$\mathcal{O}(0; \{2^4, 3, 6^2, 9^6\})$	42768
18	$\mathcal{O}(0; \{3^4, 6^2, 9^6\})$	342144
18	$\mathcal{O}(0; \{2, 3^2, 6^3, 9^6\})$	171072
18	$\mathcal{O}(0; \{2^2, 6^4, 9^6\})$	85536
18	$\mathcal{O}(0; \{2^2, 3, 9^9\})$	2230740
18	$\mathcal{O}(0; \{6^2, 9^9\})$	4461480
18	$\mathcal{O}(0; \{2^{13}, 3^2, 9, 18\})$	24
18	$\mathcal{O}(0; \{2^9, 3^5, 9, 18\})$	192
18	$\mathcal{O}(0; \{2^5, 3^8, 9, 18\})$	1536
18	$\mathcal{O}(0; \{2, 3^{11}, 9, 18\})$	12288
18	$\mathcal{O}(0; \{2^{14}, 6, 9, 18\})$	12
18	$\mathcal{O}(0; \{2^{10}, 3^3, 6, 9, 18\})$	96
18	$\mathcal{O}(0; \{2^6, 3^6, 6, 9, 18\})$	768
18	$\mathcal{O}(0; \{2^2, 3^9, 6, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^{11}, 3, 6^2, 9, 18\})$	48
18	$\mathcal{O}(0; \{2^7, 3^4, 6^2, 9, 18\})$	384
18	$\mathcal{O}(0; \{2^3, 3^7, 6^2, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2^8, 3^2, 6^3, 9, 18\})$	192
18	$\mathcal{O}(0; \{2^4, 3^5, 6^3, 9, 18\})$	1536
18	$\mathcal{O}(0; \{3^8, 6^3, 9, 18\})$	12288
18	$\mathcal{O}(0; \{2^9, 6^4, 9, 18\})$	96
18	$\mathcal{O}(0; \{2^5, 3^3, 6^4, 9, 18\})$	768
18	$\mathcal{O}(0; \{2, 3^6, 6^4, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2^6, 3, 6^5, 9, 18\})$	384
18	$\mathcal{O}(0; \{2^2, 3^4, 6^5, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2^3, 3^2, 6^6, 9, 18\})$	1536
18	$\mathcal{O}(0; \{2^4, 6^7, 9, 18\})$	768
18	$\mathcal{O}(0; \{3^3, 6^7, 9, 18\})$	6144
18	$\mathcal{O}(0; \{2, 3, 6^8, 9, 18\})$	3072
18	$\mathcal{O}(0; \{2^9, 3, 9^4, 18\})$	1620
18	$\mathcal{O}(0; \{2^5, 3^4, 9^4, 18\})$	12960

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2, 3^7, 9^4, 18\})$	103680
18	$\mathcal{O}(0; \{2^6, 3^2, 6, 9^4, 18\})$	6480
18	$\mathcal{O}(0; \{2^2, 3^5, 6, 9^4, 18\})$	51840
18	$\mathcal{O}(0; \{2^7, 6^2, 9^4, 18\})$	3240
18	$\mathcal{O}(0; \{2^3, 3^3, 6^2, 9^4, 18\})$	25920
18	$\mathcal{O}(0; \{2^4, 3, 6^3, 9^4, 18\})$	12960
18	$\mathcal{O}(0; \{3^4, 6^3, 9^4, 18\})$	103680
18	$\mathcal{O}(0; \{2, 3^2, 6^4, 9^4, 18\})$	51840
18	$\mathcal{O}(0; \{2^2, 6^5, 9^4, 18\})$	25920
18	$\mathcal{O}(0; \{2^5, 9^7, 18\})$	188082
18	$\mathcal{O}(0; \{2, 3^3, 9^7, 18\})$	1504656
18	$\mathcal{O}(0; \{2^2, 3, 6, 9^7, 18\})$	752328
18	$\mathcal{O}(0; \{6^3, 9^7, 18\})$	1504656
18	$\mathcal{O}(0; \{2^{12}, 9^2, 18^2\})$	162
18	$\mathcal{O}(0; \{2^8, 3^3, 9^2, 18^2\})$	1296
18	$\mathcal{O}(0; \{2^4, 3^6, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{3^9, 9^2, 18^2\})$	82944
18	$\mathcal{O}(0; \{2^9, 3, 6, 9^2, 18^2\})$	648
18	$\mathcal{O}(0; \{2^5, 3^4, 6, 9^2, 18^2\})$	5184
18	$\mathcal{O}(0; \{2, 3^7, 6, 9^2, 18^2\})$	41472
18	$\mathcal{O}(0; \{2^6, 3^2, 6^2, 9^2, 18^2\})$	2592
18	$\mathcal{O}(0; \{2^2, 3^5, 6^2, 9^2, 18^2\})$	20736
18	$\mathcal{O}(0; \{2^7, 6^3, 9^2, 18^2\})$	1296
18	$\mathcal{O}(0; \{2^3, 3^3, 6^3, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{2^4, 3, 6^4, 9^2, 18^2\})$	5184
18	$\mathcal{O}(0; \{3^4, 6^4, 9^2, 18^2\})$	41472
18	$\mathcal{O}(0; \{2, 3^2, 6^5, 9^2, 18^2\})$	20736
18	$\mathcal{O}(0; \{2^2, 6^6, 9^2, 18^2\})$	10368
18	$\mathcal{O}(0; \{2^4, 3^2, 9^5, 18^2\})$	122472
18	$\mathcal{O}(0; \{3^5, 9^5, 18^2\})$	979776
18	$\mathcal{O}(0; \{2^5, 6, 9^5, 18^2\})$	61236
18	$\mathcal{O}(0; \{2, 3^3, 6, 9^5, 18^2\})$	489888
18	$\mathcal{O}(0; \{2^2, 3, 6^2, 9^5, 18^2\})$	244944
18	$\mathcal{O}(0; \{6^4, 9^5, 18^2\})$	489888
18	$\mathcal{O}(0; \{3, 9^8, 18^2\})$	13463172
18	$\mathcal{O}(0; \{2^{11}, 3^2, 18^3\})$	72
18	$\mathcal{O}(0; \{2^7, 3^5, 18^3\})$	576
18	$\mathcal{O}(0; \{2^3, 3^8, 18^3\})$	4608
18	$\mathcal{O}(0; \{2^{12}, 6, 18^3\})$	36
18	$\mathcal{O}(0; \{2^8, 3^3, 6, 18^3\})$	288
18	$\mathcal{O}(0; \{2^4, 3^6, 6, 18^3\})$	2304
18	$\mathcal{O}(0; \{3^9, 6, 18^3\})$	18432
18	$\mathcal{O}(0; \{2^9, 3, 6^2, 18^3\})$	144

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^5, 3^4, 6^2, 18^3\})$	1152
18	$\mathcal{O}(0; \{2, 3^7, 6^2, 18^3\})$	9216
18	$\mathcal{O}(0; \{2^6, 3^2, 6^3, 18^3\})$	576
18	$\mathcal{O}(0; \{2^2, 3^5, 6^3, 18^3\})$	4608
18	$\mathcal{O}(0; \{2^7, 6^4, 18^3\})$	288
18	$\mathcal{O}(0; \{2^3, 3^3, 6^4, 18^3\})$	2304
18	$\mathcal{O}(0; \{2^4, 3, 6^5, 18^3\})$	1152
18	$\mathcal{O}(0; \{3^4, 6^5, 18^3\})$	9216
18	$\mathcal{O}(0; \{2, 3^2, 6^6, 18^3\})$	4608
18	$\mathcal{O}(0; \{2^2, 6^7, 18^3\})$	2304
18	$\mathcal{O}(0; \{2^7, 3, 9^3, 18^3\})$	10692
18	$\mathcal{O}(0; \{2^3, 3^4, 9^3, 18^3\})$	85536
18	$\mathcal{O}(0; \{2^4, 3^2, 6, 9^3, 18^3\})$	42768
18	$\mathcal{O}(0; \{3^5, 6, 9^3, 18^3\})$	342144
18	$\mathcal{O}(0; \{2^5, 6^2, 9^3, 18^3\})$	21384
18	$\mathcal{O}(0; \{2, 3^3, 6^2, 9^3, 18^3\})$	171072
18	$\mathcal{O}(0; \{2^2, 3, 6^3, 9^3, 18^3\})$	85536
18	$\mathcal{O}(0; \{6^5, 9^3, 18^3\})$	171072
18	$\mathcal{O}(0; \{2^3, 9^6, 18^3\})$	1115370
18	$\mathcal{O}(0; \{3, 6, 9^6, 18^3\})$	4461480
18	$\mathcal{O}(0; \{2^{10}, 9, 18^4\})$	810
18	$\mathcal{O}(0; \{2^6, 3^3, 9, 18^4\})$	6480
18	$\mathcal{O}(0; \{2^2, 3^6, 9, 18^4\})$	51840
18	$\mathcal{O}(0; \{2^7, 3, 6, 9, 18^4\})$	3240
18	$\mathcal{O}(0; \{2^3, 3^4, 6, 9, 18^4\})$	25920
18	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 9, 18^4\})$	12960
18	$\mathcal{O}(0; \{3^5, 6^2, 9, 18^4\})$	103680
18	$\mathcal{O}(0; \{2^5, 6^3, 9, 18^4\})$	6480
18	$\mathcal{O}(0; \{2, 3^3, 6^3, 9, 18^4\})$	51840
18	$\mathcal{O}(0; \{2^2, 3, 6^4, 9, 18^4\})$	25920
18	$\mathcal{O}(0; \{6^6, 9, 18^4\})$	51840
18	$\mathcal{O}(0; \{2^2, 3^2, 9^4, 18^4\})$	752328
18	$\mathcal{O}(0; \{2^3, 6, 9^4, 18^4\})$	376164
18	$\mathcal{O}(0; \{3, 6^2, 9^4, 18^4\})$	1504656
18	$\mathcal{O}(0; \{2^5, 3, 9^2, 18^5\})$	61236
18	$\mathcal{O}(0; \{2, 3^4, 9^2, 18^5\})$	489888
18	$\mathcal{O}(0; \{2^2, 3^2, 6, 9^2, 18^5\})$	244944
18	$\mathcal{O}(0; \{2^3, 6^2, 9^2, 18^5\})$	122472
18	$\mathcal{O}(0; \{3, 6^3, 9^2, 18^5\})$	489888
18	$\mathcal{O}(0; \{2, 9^5, 18^5\})$	6731586
18	$\mathcal{O}(0; \{2^8, 18^6\})$	5346
18	$\mathcal{O}(0; \{2^4, 3^3, 18^6\})$	42768
18	$\mathcal{O}(0; \{3^6, 18^6\})$	342144

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{2^5, 3, 6, 18^6\})$	21384
18	$\mathcal{O}(0; \{2, 3^4, 6, 18^6\})$	171072
18	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 18^6\})$	85536
18	$\mathcal{O}(0; \{2^3, 6^3, 18^6\})$	42768
18	$\mathcal{O}(0; \{3, 6^4, 18^6\})$	171072
18	$\mathcal{O}(0; \{3^2, 9^3, 18^6\})$	4461480
18	$\mathcal{O}(0; \{2, 6, 9^3, 18^6\})$	2230740
18	$\mathcal{O}(0; \{2^3, 3, 9, 18^7\})$	376164
18	$\mathcal{O}(0; \{3^2, 6, 9, 18^7\})$	1504656
18	$\mathcal{O}(0; \{2, 6^2, 9, 18^7\})$	752328
18	$\mathcal{O}(0; \{2, 3, 18^9\})$	2230740
20	$\mathcal{O}(3; \{2^2, 20^2\})$	512000000
20	$\mathcal{O}(2; \{2^2, 4^2, 5^3\})$	3840000
20	$\mathcal{O}(2; \{4^2, 5^2, 10^2\})$	16640000
20	$\mathcal{O}(2; \{4, 5^4, 20\})$	65280000
20	$\mathcal{O}(2; \{2^3, 4, 5, 10, 20\})$	3840000
20	$\mathcal{O}(2; \{4^3, 5, 10, 20\})$	15360000
20	$\mathcal{O}(2; \{2, 4, 10^3, 20\})$	16640000
20	$\mathcal{O}(2; \{2^6, 20^2\})$	1280000
20	$\mathcal{O}(2; \{2^3, 4^2, 20^2\})$	5120000
20	$\mathcal{O}(2; \{4^4, 20^2\})$	20480000
20	$\mathcal{O}(2; \{2, 5^2, 10, 20^2\})$	65280000
20	$\mathcal{O}(2; \{2, 4, 5, 20^3\})$	66560000
20	$\mathcal{O}(1; \{2^6, 4^2, 5^3\})$	9600
20	$\mathcal{O}(1; \{2^3, 4^4, 5^3\})$	38400
20	$\mathcal{O}(1; \{4^6, 5^3\})$	153600
20	$\mathcal{O}(1; \{2, 4^2, 5^5, 10\})$	656000
20	$\mathcal{O}(1; \{2^4, 4^2, 5^2, 10^2\})$	41600
20	$\mathcal{O}(1; \{2, 4^4, 5^2, 10^2\})$	166400
20	$\mathcal{O}(1; \{2^2, 4^2, 5, 10^4\})$	163200
20	$\mathcal{O}(1; \{4^2, 10^6\})$	656000
20	$\mathcal{O}(1; \{2^4, 4, 5^4, 20\})$	163200
20	$\mathcal{O}(1; \{2, 4^3, 5^4, 20\})$	652800
20	$\mathcal{O}(1; \{2^7, 4, 5, 10, 20\})$	9600
20	$\mathcal{O}(1; \{2^4, 4^3, 5, 10, 20\})$	38400
20	$\mathcal{O}(1; \{2, 4^5, 5, 10, 20\})$	153600
20	$\mathcal{O}(1; \{2^2, 4, 5^3, 10^2, 20\})$	656000
20	$\mathcal{O}(1; \{2^5, 4, 10^3, 20\})$	41600
20	$\mathcal{O}(1; \{2^2, 4^3, 10^3, 20\})$	166400
20	$\mathcal{O}(1; \{4, 5^2, 10^4, 20\})$	2620800
20	$\mathcal{O}(1; \{2^{10}, 20^2\})$	3200
20	$\mathcal{O}(1; \{2^7, 4^2, 20^2\})$	12800
20	$\mathcal{O}(1; \{2^4, 4^4, 20^2\})$	51200

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{2, 4^6, 20^2\})$	204800
20	$\mathcal{O}(1; \{2^2, 5^5, 20^2\})$	2620800
20	$\mathcal{O}(1; \{2^5, 5^2, 10, 20^2\})$	163200
20	$\mathcal{O}(1; \{2^2, 4^2, 5^2, 10, 20^2\})$	652800
20	$\mathcal{O}(1; \{5^4, 10^2, 20^2\})$	10486400
20	$\mathcal{O}(1; \{2^3, 5, 10^3, 20^2\})$	656000
20	$\mathcal{O}(1; \{4^2, 5, 10^3, 20^2\})$	2624000
20	$\mathcal{O}(1; \{2, 10^5, 20^2\})$	2620800
20	$\mathcal{O}(1; \{2^5, 4, 5, 20^3\})$	166400
20	$\mathcal{O}(1; \{2^2, 4^3, 5, 20^3\})$	665600
20	$\mathcal{O}(1; \{4, 5^3, 10, 20^3\})$	10483200
20	$\mathcal{O}(1; \{2^3, 4, 10^2, 20^3\})$	652800
20	$\mathcal{O}(1; \{4^3, 10^2, 20^3\})$	2611200
20	$\mathcal{O}(1; \{2^3, 5^2, 20^4\})$	2624000
20	$\mathcal{O}(1; \{4^2, 5^2, 20^4\})$	10496000
20	$\mathcal{O}(1; \{2, 5, 10^2, 20^4\})$	10483200
20	$\mathcal{O}(1; \{2, 4, 10, 20^5\})$	10496000
20	$\mathcal{O}(0; \{2^{10}, 4^2, 5^3\})$	24
20	$\mathcal{O}(0; \{2^7, 4^4, 5^3\})$	96
20	$\mathcal{O}(0; \{2^4, 4^6, 5^3\})$	384
20	$\mathcal{O}(0; \{2, 4^8, 5^3\})$	1536
20	$\mathcal{O}(0; \{2^2, 4^2, 5^8\})$	26216
20	$\mathcal{O}(0; \{2^5, 4^2, 5^5, 10\})$	1640
20	$\mathcal{O}(0; \{2^2, 4^4, 5^5, 10\})$	6560
20	$\mathcal{O}(0; \{2^8, 4^2, 5^2, 10^2\})$	104
20	$\mathcal{O}(0; \{2^5, 4^4, 5^2, 10^2\})$	416
20	$\mathcal{O}(0; \{2^2, 4^6, 5^2, 10^2\})$	1664
20	$\mathcal{O}(0; \{4^2, 5^7, 10^2\})$	104856
20	$\mathcal{O}(0; \{2^3, 4^2, 5^4, 10^3\})$	6552
20	$\mathcal{O}(0; \{4^4, 5^4, 10^3\})$	26208
20	$\mathcal{O}(0; \{2^6, 4^2, 5, 10^4\})$	408
20	$\mathcal{O}(0; \{2^3, 4^4, 5, 10^4\})$	1632
20	$\mathcal{O}(0; \{4^6, 5, 10^4\})$	6528
20	$\mathcal{O}(0; \{2, 4^2, 5^3, 10^5\})$	26216
20	$\mathcal{O}(0; \{2^4, 4^2, 10^6\})$	1640
20	$\mathcal{O}(0; \{2, 4^4, 10^6\})$	6560
20	$\mathcal{O}(0; \{2^8, 4, 5^4, 20\})$	408
20	$\mathcal{O}(0; \{2^5, 4^3, 5^4, 20\})$	1632
20	$\mathcal{O}(0; \{2^2, 4^5, 5^4, 20\})$	6528
20	$\mathcal{O}(0; \{4, 5^9, 20\})$	419432
20	$\mathcal{O}(0; \{2^{11}, 4, 5, 10, 20\})$	24
20	$\mathcal{O}(0; \{2^8, 4^3, 5, 10, 20\})$	96
20	$\mathcal{O}(0; \{2^5, 4^5, 5, 10, 20\})$	384

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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	$\mathcal{O}(0; \{2^2, 4^7, 5, 10, 20\})$	1536
20	$\mathcal{O}(0; \{2^3, 4, 5^6, 10, 20\})$	26216
20	$\mathcal{O}(0; \{4^3, 5^6, 10, 20\})$	104864
20	$\mathcal{O}(0; \{2^6, 4, 5^3, 10^2, 20\})$	1640
20	$\mathcal{O}(0; \{2^3, 4^3, 5^3, 10^2, 20\})$	6560
20	$\mathcal{O}(0; \{4^5, 5^3, 10^2, 20\})$	26240
20	$\mathcal{O}(0; \{2^9, 4, 10^3, 20\})$	104
20	$\mathcal{O}(0; \{2^6, 4^3, 10^3, 20\})$	416
20	$\mathcal{O}(0; \{2^3, 4^5, 10^3, 20\})$	1664
20	$\mathcal{O}(0; \{4^7, 10^3, 20\})$	6656
20	$\mathcal{O}(0; \{2, 4, 5^5, 10^3, 20\})$	104856
20	$\mathcal{O}(0; \{2^4, 4, 5^2, 10^4, 20\})$	6552
20	$\mathcal{O}(0; \{2, 4^3, 5^2, 10^4, 20\})$	26208
20	$\mathcal{O}(0; \{2^2, 4, 5, 10^6, 20\})$	26216
20	$\mathcal{O}(0; \{4, 10^8, 20\})$	104856
20	$\mathcal{O}(0; \{2^{14}, 20^2\})$	8
20	$\mathcal{O}(0; \{2^{11}, 4^2, 20^2\})$	32
20	$\mathcal{O}(0; \{2^8, 4^4, 20^2\})$	128
20	$\mathcal{O}(0; \{2^5, 4^6, 20^2\})$	512
20	$\mathcal{O}(0; \{2^2, 4^8, 20^2\})$	2048
20	$\mathcal{O}(0; \{2^6, 5^5, 20^2\})$	6552
20	$\mathcal{O}(0; \{2^3, 4^2, 5^5, 20^2\})$	26208
20	$\mathcal{O}(0; \{4^4, 5^5, 20^2\})$	104832
20	$\mathcal{O}(0; \{2^9, 5^2, 10, 20^2\})$	408
20	$\mathcal{O}(0; \{2^6, 4^2, 5^2, 10, 20^2\})$	1632
20	$\mathcal{O}(0; \{2^3, 4^4, 5^2, 10, 20^2\})$	6528
20	$\mathcal{O}(0; \{4^6, 5^2, 10, 20^2\})$	26112
20	$\mathcal{O}(0; \{2, 5^7, 10, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^4, 5^4, 10^2, 20^2\})$	26216
20	$\mathcal{O}(0; \{2, 4^2, 5^4, 10^2, 20^2\})$	104864
20	$\mathcal{O}(0; \{2^7, 5, 10^3, 20^2\})$	1640
20	$\mathcal{O}(0; \{2^4, 4^2, 5, 10^3, 20^2\})$	6560
20	$\mathcal{O}(0; \{2, 4^4, 5, 10^3, 20^2\})$	26240
20	$\mathcal{O}(0; \{2^2, 5^3, 10^4, 20^2\})$	104856
20	$\mathcal{O}(0; \{2^5, 10^5, 20^2\})$	6552
20	$\mathcal{O}(0; \{2^2, 4^2, 10^5, 20^2\})$	26208
20	$\mathcal{O}(0; \{5^2, 10^6, 20^2\})$	419432
20	$\mathcal{O}(0; \{2^9, 4, 5, 20^3\})$	416
20	$\mathcal{O}(0; \{2^6, 4^3, 5, 20^3\})$	1664
20	$\mathcal{O}(0; \{2^3, 4^5, 5, 20^3\})$	6656
20	$\mathcal{O}(0; \{4^7, 5, 20^3\})$	26624
20	$\mathcal{O}(0; \{2, 4, 5^6, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^4, 4, 5^3, 10, 20^3\})$	26208

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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	$\mathcal{O}(0; \{2, 4^3, 5^3, 10, 20^3\})$	104832
20	$\mathcal{O}(0; \{2^7, 4, 10^2, 20^3\})$	1632
20	$\mathcal{O}(0; \{2^4, 4^3, 10^2, 20^3\})$	6528
20	$\mathcal{O}(0; \{2, 4^5, 10^2, 20^3\})$	26112
20	$\mathcal{O}(0; \{2^2, 4, 5^2, 10^3, 20^3\})$	104864
20	$\mathcal{O}(0; \{4, 5, 10^5, 20^3\})$	419424
20	$\mathcal{O}(0; \{2^7, 5^2, 20^4\})$	6560
20	$\mathcal{O}(0; \{2^4, 4^2, 5^2, 20^4\})$	26240
20	$\mathcal{O}(0; \{2, 4^4, 5^2, 20^4\})$	104960
20	$\mathcal{O}(0; \{2^2, 5^4, 10, 20^4\})$	419424
20	$\mathcal{O}(0; \{2^5, 5, 10^2, 20^4\})$	26208
20	$\mathcal{O}(0; \{2^2, 4^2, 5, 10^2, 20^4\})$	104832
20	$\mathcal{O}(0; \{5^3, 10^3, 20^4\})$	1677728
20	$\mathcal{O}(0; \{2^3, 10^4, 20^4\})$	104864
20	$\mathcal{O}(0; \{4^2, 10^4, 20^4\})$	419456
20	$\mathcal{O}(0; \{2^2, 4, 5^3, 20^5\})$	419456
20	$\mathcal{O}(0; \{2^5, 4, 10, 20^5\})$	26240
20	$\mathcal{O}(0; \{2^2, 4^3, 10, 20^5\})$	104960
20	$\mathcal{O}(0; \{4, 5^2, 10^2, 20^5\})$	1677696
20	$\mathcal{O}(0; \{5^4, 20^6\})$	6710912
20	$\mathcal{O}(0; \{2^3, 5, 10, 20^6\})$	419456
20	$\mathcal{O}(0; \{4^2, 5, 10, 20^6\})$	1677824
20	$\mathcal{O}(0; \{2, 10^3, 20^6\})$	1677696
20	$\mathcal{O}(0; \{2^3, 4, 20^7\})$	419328
20	$\mathcal{O}(0; \{4^3, 20^7\})$	1677312
20	$\mathcal{O}(0; \{2, 5, 20^8\})$	6710784
21	$\mathcal{O}(3; \{7^3\})$	2569454160
21	$\mathcal{O}(3; \{3, 21^2\})$	1029193452
21	$\mathcal{O}(2; \{3^3, 7^3\})$	11668860
21	$\mathcal{O}(2; \{3^4, 21^2\})$	25671492
21	$\mathcal{O}(2; \{7^2, 21^3\})$	431747820
21	$\mathcal{O}(1; \{3^6, 7^3\})$	291060
21	$\mathcal{O}(1; \{3^2, 7^5, 21\})$	5879412
21	$\mathcal{O}(1; \{3^7, 21^2\})$	449820
21	$\mathcal{O}(1; \{3^3, 7^2, 21^3\})$	10769220
21	$\mathcal{O}(1; \{7, 21^6\})$	387982980
21	$\mathcal{O}(0; \{3^9, 7^3\})$	5100
21	$\mathcal{O}(0; \{3^5, 7^5, 21\})$	146652
21	$\mathcal{O}(0; \{3^{10}, 21^2\})$	8196
21	$\mathcal{O}(0; \{3, 7^7, 21^2\})$	2879340
21	$\mathcal{O}(0; \{3^6, 7^2, 21^3\})$	188700
21	$\mathcal{O}(0; \{3^2, 7^4, 21^4\})$	5278812
21	$\mathcal{O}(0; \{3^3, 7, 21^6\})$	6798300

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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	$\mathcal{O}(0; \{21^9\})$	244743900
22	$\mathcal{O}(2; \{2^3, 11^2, 22\})$	21083040
22	$\mathcal{O}(2; \{2, 11, 22^3\})$	213172960
22	$\mathcal{O}(1; \{2^7, 11^2, 22\})$	43560
22	$\mathcal{O}(1; \{2^5, 11, 22^3\})$	440440
22	$\mathcal{O}(1; \{2^3, 22^5\})$	4399560
22	$\mathcal{O}(0; \{2^2, 11^8\})$	9090910
22	$\mathcal{O}(0; \{2^{11}, 11^2, 22\})$	90
22	$\mathcal{O}(0; \{11^7, 22^2\})$	90909090
22	$\mathcal{O}(0; \{2^9, 11, 22^3\})$	910
22	$\mathcal{O}(0; \{2^7, 22^5\})$	9090
23	$\mathcal{O}(4; \emptyset)$	78310985280
24	$\mathcal{O}(3; \{8^2\})$	763363328
24	$\mathcal{O}(2; \{2^4, 8^2\})$	1310720
24	$\mathcal{O}(2; \{3^3, 8^2\})$	2654208
24	$\mathcal{O}(2; \{2, 4^2, 8^2\})$	5242880
24	$\mathcal{O}(2; \{2, 3, 6, 8^2\})$	2654208
24	$\mathcal{O}(2; \{2, 3, 4, 8, 24\})$	5308416
24	$\mathcal{O}(2; \{2^2, 8, 12, 24\})$	5308416
24	$\mathcal{O}(2; \{2, 3^2, 24^2\})$	7962624
24	$\mathcal{O}(2; \{2^2, 6, 24^2\})$	2654208
24	$\mathcal{O}(2; \{12^2, 24^2\})$	31850496
24	$\mathcal{O}(2; \{8, 24^3\})$	42467328
24	$\mathcal{O}(1; \{2^8, 8^2\})$	2048
24	$\mathcal{O}(1; \{2^4, 3^3, 8^2\})$	4608
24	$\mathcal{O}(1; \{3^6, 8^2\})$	50688
24	$\mathcal{O}(1; \{2^5, 4^2, 8^2\})$	8192
24	$\mathcal{O}(1; \{2, 3^3, 4^2, 8^2\})$	18432
24	$\mathcal{O}(1; \{2^2, 4^4, 8^2\})$	32768
24	$\mathcal{O}(1; \{2^5, 3, 6, 8^2\})$	4608
24	$\mathcal{O}(1; \{2, 3^4, 6, 8^2\})$	23040
24	$\mathcal{O}(1; \{2^2, 3, 4^2, 6, 8^2\})$	18432
24	$\mathcal{O}(1; \{2^2, 3^2, 6^2, 8^2\})$	13824
24	$\mathcal{O}(1; \{2^3, 6^3, 8^2\})$	4608
24	$\mathcal{O}(1; \{4^2, 6^3, 8^2\})$	18432
24	$\mathcal{O}(1; \{3, 6^4, 8^2\})$	23040
24	$\mathcal{O}(1; \{2^3, 4, 8^4\})$	65536
24	$\mathcal{O}(1; \{4^3, 8^4\})$	262144
24	$\mathcal{O}(1; \{3, 4, 6, 8^4\})$	147456
24	$\mathcal{O}(1; \{2, 8^6\})$	524288
24	$\mathcal{O}(1; \{2^2, 3^2, 4, 8^2, 12\})$	18432
24	$\mathcal{O}(1; \{2^3, 4, 6, 8^2, 12\})$	18432
24	$\mathcal{O}(1; \{4^3, 6, 8^2, 12\})$	73728

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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	$\mathcal{O}(1; \{3, 4, 6^2, 8^2, 12\})$	55296
24	$\mathcal{O}(1; \{3^2, 8^4, 12\})$	147456
24	$\mathcal{O}(1; \{2, 6, 8^4, 12\})$	147456
24	$\mathcal{O}(1; \{2^3, 3, 8^2, 12^2\})$	18432
24	$\mathcal{O}(1; \{3, 4^2, 8^2, 12^2\})$	73728
24	$\mathcal{O}(1; \{3^2, 6, 8^2, 12^2\})$	92160
24	$\mathcal{O}(1; \{2, 6^2, 8^2, 12^2\})$	55296
24	$\mathcal{O}(1; \{2, 4, 8^2, 12^3\})$	73728
24	$\mathcal{O}(1; \{2^5, 3, 4, 8, 24\})$	9216
24	$\mathcal{O}(1; \{2, 3^4, 4, 8, 24\})$	46080
24	$\mathcal{O}(1; \{2^2, 3, 4^3, 8, 24\})$	36864
24	$\mathcal{O}(1; \{2^2, 3^2, 4, 6, 8, 24\})$	27648
24	$\mathcal{O}(1; \{2^3, 4, 6^2, 8, 24\})$	9216
24	$\mathcal{O}(1; \{4^3, 6^2, 8, 24\})$	36864
24	$\mathcal{O}(1; \{3, 4, 6^3, 8, 24\})$	46080
24	$\mathcal{O}(1; \{2^3, 3, 8^3, 24\})$	73728
24	$\mathcal{O}(1; \{3, 4^2, 8^3, 24\})$	294912
24	$\mathcal{O}(1; \{3^2, 6, 8^3, 24\})$	221184
24	$\mathcal{O}(1; \{2, 6^2, 8^3, 24\})$	73728
24	$\mathcal{O}(1; \{2^6, 8, 12, 24\})$	9216
24	$\mathcal{O}(1; \{2^2, 3^3, 8, 12, 24\})$	46080
24	$\mathcal{O}(1; \{2^3, 4^2, 8, 12, 24\})$	36864
24	$\mathcal{O}(1; \{4^4, 8, 12, 24\})$	147456
24	$\mathcal{O}(1; \{2^3, 3, 6, 8, 12, 24\})$	27648
24	$\mathcal{O}(1; \{3, 4^2, 6, 8, 12, 24\})$	110592
24	$\mathcal{O}(1; \{3^2, 6^2, 8, 12, 24\})$	101376
24	$\mathcal{O}(1; \{2, 6^3, 8, 12, 24\})$	46080
24	$\mathcal{O}(1; \{2, 4, 8^3, 12, 24\})$	294912
24	$\mathcal{O}(1; \{3^2, 4, 8, 12^2, 24\})$	184320
24	$\mathcal{O}(1; \{2, 4, 6, 8, 12^2, 24\})$	110592
24	$\mathcal{O}(1; \{2, 3, 8, 12^3, 24\})$	184320
24	$\mathcal{O}(1; \{2^5, 3^2, 24^2\})$	13824
24	$\mathcal{O}(1; \{2, 3^5, 24^2\})$	96768
24	$\mathcal{O}(1; \{2^2, 3^2, 4^2, 24^2\})$	55296
24	$\mathcal{O}(1; \{2^6, 6, 24^2\})$	4608
24	$\mathcal{O}(1; \{2^2, 3^3, 6, 24^2\})$	50688
24	$\mathcal{O}(1; \{2^3, 4^2, 6, 24^2\})$	18432
24	$\mathcal{O}(1; \{4^4, 6, 24^2\})$	73728
24	$\mathcal{O}(1; \{2^3, 3, 6^2, 24^2\})$	23040
24	$\mathcal{O}(1; \{3, 4^2, 6^2, 24^2\})$	92160
24	$\mathcal{O}(1; \{3^2, 6^3, 24^2\})$	96768
24	$\mathcal{O}(1; \{2, 6^4, 24^2\})$	50688
24	$\mathcal{O}(1; \{3^2, 4, 8^2, 24^2\})$	442368

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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	$\mathcal{O}(1; \{2, 4, 6, 8^2, 24^2\})$	147456
24	$\mathcal{O}(1; \{2^3, 3, 4, 12, 24^2\})$	55296
24	$\mathcal{O}(1; \{3, 4^3, 12, 24^2\})$	221184
24	$\mathcal{O}(1; \{3^2, 4, 6, 12, 24^2\})$	202752
24	$\mathcal{O}(1; \{2, 4, 6^2, 12, 24^2\})$	92160
24	$\mathcal{O}(1; \{2, 3, 8^2, 12, 24^2\})$	442368
24	$\mathcal{O}(1; \{2^4, 12^2, 24^2\})$	55296
24	$\mathcal{O}(1; \{3^3, 12^2, 24^2\})$	387072
24	$\mathcal{O}(1; \{2, 4^2, 12^2, 24^2\})$	221184
24	$\mathcal{O}(1; \{2, 3, 6, 12^2, 24^2\})$	202752
24	$\mathcal{O}(1; \{2^4, 8, 24^3\})$	73728
24	$\mathcal{O}(1; \{3^3, 8, 24^3\})$	811008
24	$\mathcal{O}(1; \{2, 4^2, 8, 24^3\})$	294912
24	$\mathcal{O}(1; \{2, 3, 6, 8, 24^3\})$	368640
24	$\mathcal{O}(1; \{2, 3, 4, 24^4\})$	737280
24	$\mathcal{O}(1; \{2^2, 12, 24^4\})$	737280
24	$\mathcal{O}(1; \{24^6\})$	12976128
24	$\mathcal{O}(0; \{2^8, 3^3, 8^2\})$	8
24	$\mathcal{O}(0; \{2^4, 3^6, 8^2\})$	88
24	$\mathcal{O}(0; \{3^9, 8^2\})$	680
24	$\mathcal{O}(0; \{2^5, 3^3, 4^2, 8^2\})$	32
24	$\mathcal{O}(0; \{2, 3^6, 4^2, 8^2\})$	352
24	$\mathcal{O}(0; \{2^2, 3^3, 4^4, 8^2\})$	128
24	$\mathcal{O}(0; \{2^9, 3, 6, 8^2\})$	8
24	$\mathcal{O}(0; \{2^5, 3^4, 6, 8^2\})$	40
24	$\mathcal{O}(0; \{2, 3^7, 6, 8^2\})$	344
24	$\mathcal{O}(0; \{2^6, 3, 4^2, 6, 8^2\})$	32
24	$\mathcal{O}(0; \{2^2, 3^4, 4^2, 6, 8^2\})$	160
24	$\mathcal{O}(0; \{2^3, 3, 4^4, 6, 8^2\})$	128
24	$\mathcal{O}(0; \{3, 4^6, 6, 8^2\})$	512
24	$\mathcal{O}(0; \{2^6, 3^2, 6^2, 8^2\})$	24
24	$\mathcal{O}(0; \{2^2, 3^5, 6^2, 8^2\})$	168
24	$\mathcal{O}(0; \{2^3, 3^2, 4^2, 6^2, 8^2\})$	96
24	$\mathcal{O}(0; \{3^2, 4^4, 6^2, 8^2\})$	384
24	$\mathcal{O}(0; \{2^7, 6^3, 8^2\})$	8
24	$\mathcal{O}(0; \{2^3, 3^3, 6^3, 8^2\})$	88
24	$\mathcal{O}(0; \{2^4, 4^2, 6^3, 8^2\})$	32
24	$\mathcal{O}(0; \{3^3, 4^2, 6^3, 8^2\})$	352
24	$\mathcal{O}(0; \{2, 4^4, 6^3, 8^2\})$	128
24	$\mathcal{O}(0; \{2^4, 3, 6^4, 8^2\})$	40
24	$\mathcal{O}(0; \{3^4, 6^4, 8^2\})$	344
24	$\mathcal{O}(0; \{2, 3, 4^2, 6^4, 8^2\})$	160
24	$\mathcal{O}(0; \{2, 3^2, 6^5, 8^2\})$	168

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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	$\mathcal{O}(0; \{2^2, 6^6, 8^2\})$	88
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 8^4\})$	256
24	$\mathcal{O}(0; \{3^3, 4^3, 8^4\})$	1024
24	$\mathcal{O}(0; \{2^4, 3, 4, 6, 8^4\})$	256
24	$\mathcal{O}(0; \{3^4, 4, 6, 8^4\})$	1280
24	$\mathcal{O}(0; \{2, 3, 4^3, 6, 8^4\})$	1024
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^2, 8^4\})$	768
24	$\mathcal{O}(0; \{2^2, 4, 6^3, 8^4\})$	256
24	$\mathcal{O}(0; \{2, 3^3, 8^6\})$	2048
24	$\mathcal{O}(0; \{2^2, 3, 6, 8^6\})$	2048
24	$\mathcal{O}(0; \{6^3, 8^6\})$	2048
24	$\mathcal{O}(0; \{2^6, 3^2, 4, 8^2, 12\})$	32
24	$\mathcal{O}(0; \{2^2, 3^5, 4, 8^2, 12\})$	352
24	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 8^2, 12\})$	128
24	$\mathcal{O}(0; \{3^2, 4^5, 8^2, 12\})$	512
24	$\mathcal{O}(0; \{2^7, 4, 6, 8^2, 12\})$	32
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 6, 8^2, 12\})$	160
24	$\mathcal{O}(0; \{2^4, 4^3, 6, 8^2, 12\})$	128
24	$\mathcal{O}(0; \{3^3, 4^3, 6, 8^2, 12\})$	640
24	$\mathcal{O}(0; \{2, 4^5, 6, 8^2, 12\})$	512
24	$\mathcal{O}(0; \{2^4, 3, 4, 6^2, 8^2, 12\})$	96
24	$\mathcal{O}(0; \{3^4, 4, 6^2, 8^2, 12\})$	672
24	$\mathcal{O}(0; \{2, 3, 4^3, 6^2, 8^2, 12\})$	384
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^3, 8^2, 12\})$	352
24	$\mathcal{O}(0; \{2^2, 4, 6^4, 8^2, 12\})$	160
24	$\mathcal{O}(0; \{2^4, 3^2, 8^4, 12\})$	256
24	$\mathcal{O}(0; \{3^5, 8^4, 12\})$	2816
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 8^4, 12\})$	1024
24	$\mathcal{O}(0; \{2^5, 6, 8^4, 12\})$	256
24	$\mathcal{O}(0; \{2, 3^3, 6, 8^4, 12\})$	1280
24	$\mathcal{O}(0; \{2^2, 4^2, 6, 8^4, 12\})$	1024
24	$\mathcal{O}(0; \{2^2, 3, 6^2, 8^4, 12\})$	768
24	$\mathcal{O}(0; \{6^4, 8^4, 12\})$	1280
24	$\mathcal{O}(0; \{4, 6, 8^6, 12\})$	8192
24	$\mathcal{O}(0; \{2^7, 3, 8^2, 12^2\})$	32
24	$\mathcal{O}(0; \{2^3, 3^4, 8^2, 12^2\})$	352
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 8^2, 12^2\})$	128
24	$\mathcal{O}(0; \{3^4, 4^2, 8^2, 12^2\})$	1408
24	$\mathcal{O}(0; \{2, 3, 4^4, 8^2, 12^2\})$	512
24	$\mathcal{O}(0; \{2^4, 3^2, 6, 8^2, 12^2\})$	160
24	$\mathcal{O}(0; \{3^5, 6, 8^2, 12^2\})$	1376
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6, 8^2, 12^2\})$	640
24	$\mathcal{O}(0; \{2^5, 6^2, 8^2, 12^2\})$	96

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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	$\mathcal{O}(0; \{2, 3^3, 6^2, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2^2, 4^2, 6^2, 8^2, 12^2\})$	384
24	$\mathcal{O}(0; \{2^2, 3, 6^3, 8^2, 12^2\})$	352
24	$\mathcal{O}(0; \{6^5, 8^2, 12^2\})$	672
24	$\mathcal{O}(0; \{2^2, 3, 4, 8^4, 12^2\})$	1024
24	$\mathcal{O}(0; \{4, 6^2, 8^4, 12^2\})$	3072
24	$\mathcal{O}(0; \{3, 8^6, 12^2\})$	8192
24	$\mathcal{O}(0; \{2^5, 4, 8^2, 12^3\})$	128
24	$\mathcal{O}(0; \{2, 3^3, 4, 8^2, 12^3\})$	1408
24	$\mathcal{O}(0; \{2^2, 4^3, 8^2, 12^3\})$	512
24	$\mathcal{O}(0; \{2^2, 3, 4, 6, 8^2, 12^3\})$	640
24	$\mathcal{O}(0; \{4, 6^3, 8^2, 12^3\})$	1408
24	$\mathcal{O}(0; \{2^3, 8^4, 12^3\})$	1024
24	$\mathcal{O}(0; \{4^2, 8^4, 12^3\})$	4096
24	$\mathcal{O}(0; \{3, 6, 8^4, 12^3\})$	5120
24	$\mathcal{O}(0; \{2^2, 3^2, 8^2, 12^4\})$	1408
24	$\mathcal{O}(0; \{2^3, 6, 8^2, 12^4\})$	640
24	$\mathcal{O}(0; \{4^2, 6, 8^2, 12^4\})$	2560
24	$\mathcal{O}(0; \{3, 6^2, 8^2, 12^4\})$	2688
24	$\mathcal{O}(0; \{3, 4, 8^2, 12^5\})$	5632
24	$\mathcal{O}(0; \{2, 8^2, 12^6\})$	5632
24	$\mathcal{O}(0; \{2^9, 3, 4, 8, 24\})$	16
24	$\mathcal{O}(0; \{2^5, 3^4, 4, 8, 24\})$	80
24	$\mathcal{O}(0; \{2, 3^7, 4, 8, 24\})$	688
24	$\mathcal{O}(0; \{2^6, 3, 4^3, 8, 24\})$	64
24	$\mathcal{O}(0; \{2^2, 3^4, 4^3, 8, 24\})$	320
24	$\mathcal{O}(0; \{2^3, 3, 4^5, 8, 24\})$	256
24	$\mathcal{O}(0; \{3, 4^7, 8, 24\})$	1024
24	$\mathcal{O}(0; \{2^6, 3^2, 4, 6, 8, 24\})$	48
24	$\mathcal{O}(0; \{2^2, 3^5, 4, 6, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^3, 3^2, 4^3, 6, 8, 24\})$	192
24	$\mathcal{O}(0; \{3^2, 4^5, 6, 8, 24\})$	768
24	$\mathcal{O}(0; \{2^7, 4, 6^2, 8, 24\})$	16
24	$\mathcal{O}(0; \{2^3, 3^3, 4, 6^2, 8, 24\})$	176
24	$\mathcal{O}(0; \{2^4, 4^3, 6^2, 8, 24\})$	64
24	$\mathcal{O}(0; \{3^3, 4^3, 6^2, 8, 24\})$	704
24	$\mathcal{O}(0; \{2, 4^5, 6^2, 8, 24\})$	256
24	$\mathcal{O}(0; \{2^4, 3, 4, 6^3, 8, 24\})$	80
24	$\mathcal{O}(0; \{3^4, 4, 6^3, 8, 24\})$	688
24	$\mathcal{O}(0; \{2, 3, 4^3, 6^3, 8, 24\})$	320
24	$\mathcal{O}(0; \{2, 3^2, 4, 6^4, 8, 24\})$	336
24	$\mathcal{O}(0; \{2^2, 4, 6^5, 8, 24\})$	176
24	$\mathcal{O}(0; \{2^7, 3, 8^3, 24\})$	128

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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	$\mathcal{O}(0; \{2^3, 3^4, 8^3, 24\})$	640
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 8^3, 24\})$	512
24	$\mathcal{O}(0; \{3^4, 4^2, 8^3, 24\})$	2560
24	$\mathcal{O}(0; \{2, 3, 4^4, 8^3, 24\})$	2048
24	$\mathcal{O}(0; \{2^4, 3^2, 6, 8^3, 24\})$	384
24	$\mathcal{O}(0; \{3^5, 6, 8^3, 24\})$	2688
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6, 8^3, 24\})$	1536
24	$\mathcal{O}(0; \{2^5, 6^2, 8^3, 24\})$	128
24	$\mathcal{O}(0; \{2, 3^3, 6^2, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{2^2, 4^2, 6^2, 8^3, 24\})$	512
24	$\mathcal{O}(0; \{2^2, 3, 6^3, 8^3, 24\})$	640
24	$\mathcal{O}(0; \{6^5, 8^3, 24\})$	1408
24	$\mathcal{O}(0; \{2^2, 3, 4, 8^5, 24\})$	4096
24	$\mathcal{O}(0; \{4, 6^2, 8^5, 24\})$	4096
24	$\mathcal{O}(0; \{3, 8^7, 24\})$	32768
24	$\mathcal{O}(0; \{2^{10}, 8, 12, 24\})$	16
24	$\mathcal{O}(0; \{2^6, 3^3, 8, 12, 24\})$	80
24	$\mathcal{O}(0; \{2^2, 3^6, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2^7, 4^2, 8, 12, 24\})$	64
24	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 8, 12, 24\})$	320
24	$\mathcal{O}(0; \{2^4, 4^4, 8, 12, 24\})$	256
24	$\mathcal{O}(0; \{3^3, 4^4, 8, 12, 24\})$	1280
24	$\mathcal{O}(0; \{2, 4^6, 8, 12, 24\})$	1024
24	$\mathcal{O}(0; \{2^7, 3, 6, 8, 12, 24\})$	48
24	$\mathcal{O}(0; \{2^3, 3^4, 6, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 6, 8, 12, 24\})$	192
24	$\mathcal{O}(0; \{3^4, 4^2, 6, 8, 12, 24\})$	1344
24	$\mathcal{O}(0; \{2, 3, 4^4, 6, 8, 12, 24\})$	768
24	$\mathcal{O}(0; \{2^4, 3^2, 6^2, 8, 12, 24\})$	176
24	$\mathcal{O}(0; \{3^5, 6^2, 8, 12, 24\})$	1360
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^2, 8, 12, 24\})$	704
24	$\mathcal{O}(0; \{2^5, 6^3, 8, 12, 24\})$	80
24	$\mathcal{O}(0; \{2, 3^3, 6^3, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2^2, 4^2, 6^3, 8, 12, 24\})$	320
24	$\mathcal{O}(0; \{2^2, 3, 6^4, 8, 12, 24\})$	336
24	$\mathcal{O}(0; \{6^6, 8, 12, 24\})$	688
24	$\mathcal{O}(0; \{2^5, 4, 8^3, 12, 24\})$	512
24	$\mathcal{O}(0; \{2, 3^3, 4, 8^3, 12, 24\})$	2560
24	$\mathcal{O}(0; \{2^2, 4^3, 8^3, 12, 24\})$	2048
24	$\mathcal{O}(0; \{2^2, 3, 4, 6, 8^3, 12, 24\})$	1536
24	$\mathcal{O}(0; \{4, 6^3, 8^3, 12, 24\})$	2560
24	$\mathcal{O}(0; \{2^3, 8^5, 12, 24\})$	4096
24	$\mathcal{O}(0; \{4^2, 8^5, 12, 24\})$	16384

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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	$\mathcal{O}(0; \{3, 6, 8^5, 12, 24\})$	12288
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 8, 12^2, 24\})$	320
24	$\mathcal{O}(0; \{3^5, 4, 8, 12^2, 24\})$	2752
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 8, 12^2, 24\})$	1280
24	$\mathcal{O}(0; \{2^5, 4, 6, 8, 12^2, 24\})$	192
24	$\mathcal{O}(0; \{2, 3^3, 4, 6, 8, 12^2, 24\})$	1344
24	$\mathcal{O}(0; \{2^2, 4^3, 6, 8, 12^2, 24\})$	768
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^2, 8, 12^2, 24\})$	704
24	$\mathcal{O}(0; \{4, 6^4, 8, 12^2, 24\})$	1344
24	$\mathcal{O}(0; \{2^2, 3^2, 8^3, 12^2, 24\})$	2560
24	$\mathcal{O}(0; \{2^3, 6, 8^3, 12^2, 24\})$	1536
24	$\mathcal{O}(0; \{4^2, 6, 8^3, 12^2, 24\})$	6144
24	$\mathcal{O}(0; \{3, 6^2, 8^3, 12^2, 24\})$	5632
24	$\mathcal{O}(0; \{2^5, 3, 8, 12^3, 24\})$	320
24	$\mathcal{O}(0; \{2, 3^4, 8, 12^3, 24\})$	2752
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 8, 12^3, 24\})$	1280
24	$\mathcal{O}(0; \{2^2, 3^2, 6, 8, 12^3, 24\})$	1344
24	$\mathcal{O}(0; \{2^3, 6^2, 8, 12^3, 24\})$	704
24	$\mathcal{O}(0; \{4^2, 6^2, 8, 12^3, 24\})$	2816
24	$\mathcal{O}(0; \{3, 6^3, 8, 12^3, 24\})$	2752
24	$\mathcal{O}(0; \{3, 4, 8^3, 12^3, 24\})$	10240
24	$\mathcal{O}(0; \{2^3, 4, 8, 12^4, 24\})$	1280
24	$\mathcal{O}(0; \{4^3, 8, 12^4, 24\})$	5120
24	$\mathcal{O}(0; \{3, 4, 6, 8, 12^4, 24\})$	5376
24	$\mathcal{O}(0; \{2, 8^3, 12^4, 24\})$	10240
24	$\mathcal{O}(0; \{3^2, 8, 12^5, 24\})$	11008
24	$\mathcal{O}(0; \{2, 6, 8, 12^5, 24\})$	5376
24	$\mathcal{O}(0; \{2^9, 3^2, 24^2\})$	24
24	$\mathcal{O}(0; \{2^5, 3^5, 24^2\})$	168
24	$\mathcal{O}(0; \{2, 3^8, 24^2\})$	1368
24	$\mathcal{O}(0; \{2^6, 3^2, 4^2, 24^2\})$	96
24	$\mathcal{O}(0; \{2^2, 3^5, 4^2, 24^2\})$	672
24	$\mathcal{O}(0; \{2^3, 3^2, 4^4, 24^2\})$	384
24	$\mathcal{O}(0; \{3^2, 4^6, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^{10}, 6, 24^2\})$	8
24	$\mathcal{O}(0; \{2^6, 3^3, 6, 24^2\})$	88
24	$\mathcal{O}(0; \{2^2, 3^6, 6, 24^2\})$	680
24	$\mathcal{O}(0; \{2^7, 4^2, 6, 24^2\})$	32
24	$\mathcal{O}(0; \{2^3, 3^3, 4^2, 6, 24^2\})$	352
24	$\mathcal{O}(0; \{2^4, 4^4, 6, 24^2\})$	128
24	$\mathcal{O}(0; \{3^3, 4^4, 6, 24^2\})$	1408
24	$\mathcal{O}(0; \{2, 4^6, 6, 24^2\})$	512
24	$\mathcal{O}(0; \{2^7, 3, 6^2, 24^2\})$	40

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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	$\mathcal{O}(0; \{2^3, 3^4, 6^2, 24^2\})$	344
24	$\mathcal{O}(0; \{2^4, 3, 4^2, 6^2, 24^2\})$	160
24	$\mathcal{O}(0; \{3^4, 4^2, 6^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{2, 3, 4^4, 6^2, 24^2\})$	640
24	$\mathcal{O}(0; \{2^4, 3^2, 6^3, 24^2\})$	168
24	$\mathcal{O}(0; \{3^5, 6^3, 24^2\})$	1368
24	$\mathcal{O}(0; \{2, 3^2, 4^2, 6^3, 24^2\})$	672
24	$\mathcal{O}(0; \{2^5, 6^4, 24^2\})$	88
24	$\mathcal{O}(0; \{2, 3^3, 6^4, 24^2\})$	680
24	$\mathcal{O}(0; \{2^2, 4^2, 6^4, 24^2\})$	352
24	$\mathcal{O}(0; \{2^2, 3, 6^5, 24^2\})$	344
24	$\mathcal{O}(0; \{6^7, 24^2\})$	680
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 8^2, 24^2\})$	768
24	$\mathcal{O}(0; \{3^5, 4, 8^2, 24^2\})$	5376
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 8^2, 24^2\})$	3072
24	$\mathcal{O}(0; \{2^5, 4, 6, 8^2, 24^2\})$	256
24	$\mathcal{O}(0; \{2, 3^3, 4, 6, 8^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^2, 4^3, 6, 8^2, 24^2\})$	1024
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^2, 8^2, 24^2\})$	1280
24	$\mathcal{O}(0; \{4, 6^4, 8^2, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^2, 3^2, 8^4, 24^2\})$	6144
24	$\mathcal{O}(0; \{2^3, 6, 8^4, 24^2\})$	2048
24	$\mathcal{O}(0; \{4^2, 6, 8^4, 24^2\})$	8192
24	$\mathcal{O}(0; \{3, 6^2, 8^4, 24^2\})$	10240
24	$\mathcal{O}(0; \{2^7, 3, 4, 12, 24^2\})$	96
24	$\mathcal{O}(0; \{2^3, 3^4, 4, 12, 24^2\})$	672
24	$\mathcal{O}(0; \{2^4, 3, 4^3, 12, 24^2\})$	384
24	$\mathcal{O}(0; \{3^4, 4^3, 12, 24^2\})$	2688
24	$\mathcal{O}(0; \{2, 3, 4^5, 12, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^4, 3^2, 4, 6, 12, 24^2\})$	352
24	$\mathcal{O}(0; \{3^5, 4, 6, 12, 24^2\})$	2720
24	$\mathcal{O}(0; \{2, 3^2, 4^3, 6, 12, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^5, 4, 6^2, 12, 24^2\})$	160
24	$\mathcal{O}(0; \{2, 3^3, 4, 6^2, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^2, 4^3, 6^2, 12, 24^2\})$	640
24	$\mathcal{O}(0; \{2^2, 3, 4, 6^3, 12, 24^2\})$	672
24	$\mathcal{O}(0; \{4, 6^5, 12, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^5, 3, 8^2, 12, 24^2\})$	768
24	$\mathcal{O}(0; \{2, 3^4, 8^2, 12, 24^2\})$	5376
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 8^2, 12, 24^2\})$	3072
24	$\mathcal{O}(0; \{2^2, 3^2, 6, 8^2, 12, 24^2\})$	2816
24	$\mathcal{O}(0; \{2^3, 6^2, 8^2, 12, 24^2\})$	1280
24	$\mathcal{O}(0; \{4^2, 6^2, 8^2, 12, 24^2\})$	5120

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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	$\mathcal{O}(0; \{3, 6^3, 8^2, 12, 24^2\})$	5376
24	$\mathcal{O}(0; \{3, 4, 8^4, 12, 24^2\})$	24576
24	$\mathcal{O}(0; \{2^8, 12^2, 24^2\})$	96
24	$\mathcal{O}(0; \{2^4, 3^3, 12^2, 24^2\})$	672
24	$\mathcal{O}(0; \{3^6, 12^2, 24^2\})$	5472
24	$\mathcal{O}(0; \{2^5, 4^2, 12^2, 24^2\})$	384
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 12^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^2, 4^4, 12^2, 24^2\})$	1536
24	$\mathcal{O}(0; \{2^5, 3, 6, 12^2, 24^2\})$	352
24	$\mathcal{O}(0; \{2, 3^4, 6, 12^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 12^2, 24^2\})$	1408
24	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 12^2, 24^2\})$	1376
24	$\mathcal{O}(0; \{2^3, 6^3, 12^2, 24^2\})$	672
24	$\mathcal{O}(0; \{4^2, 6^3, 12^2, 24^2\})$	2688
24	$\mathcal{O}(0; \{3, 6^4, 12^2, 24^2\})$	2720
24	$\mathcal{O}(0; \{2^3, 4, 8^2, 12^2, 24^2\})$	3072
24	$\mathcal{O}(0; \{4^3, 8^2, 12^2, 24^2\})$	12288
24	$\mathcal{O}(0; \{3, 4, 6, 8^2, 12^2, 24^2\})$	11264
24	$\mathcal{O}(0; \{2, 8^4, 12^2, 24^2\})$	24576
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 12^3, 24^2\})$	2688
24	$\mathcal{O}(0; \{2^3, 4, 6, 12^3, 24^2\})$	1408
24	$\mathcal{O}(0; \{4^3, 6, 12^3, 24^2\})$	5632
24	$\mathcal{O}(0; \{3, 4, 6^2, 12^3, 24^2\})$	5504
24	$\mathcal{O}(0; \{3^2, 8^2, 12^3, 24^2\})$	21504
24	$\mathcal{O}(0; \{2, 6, 8^2, 12^3, 24^2\})$	11264
24	$\mathcal{O}(0; \{2^3, 3, 12^4, 24^2\})$	2688
24	$\mathcal{O}(0; \{3, 4^2, 12^4, 24^2\})$	10752
24	$\mathcal{O}(0; \{3^2, 6, 12^4, 24^2\})$	10880
24	$\mathcal{O}(0; \{2, 6^2, 12^4, 24^2\})$	5504
24	$\mathcal{O}(0; \{2, 4, 12^5, 24^2\})$	10752
24	$\mathcal{O}(0; \{2^8, 8, 24^3\})$	128
24	$\mathcal{O}(0; \{2^4, 3^3, 8, 24^3\})$	1408
24	$\mathcal{O}(0; \{3^6, 8, 24^3\})$	10880
24	$\mathcal{O}(0; \{2^5, 4^2, 8, 24^3\})$	512
24	$\mathcal{O}(0; \{2, 3^3, 4^2, 8, 24^3\})$	5632
24	$\mathcal{O}(0; \{2^2, 4^4, 8, 24^3\})$	2048
24	$\mathcal{O}(0; \{2^5, 3, 6, 8, 24^3\})$	640
24	$\mathcal{O}(0; \{2, 3^4, 6, 8, 24^3\})$	5504
24	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 8, 24^3\})$	2560
24	$\mathcal{O}(0; \{2^2, 3^2, 6^2, 8, 24^3\})$	2688
24	$\mathcal{O}(0; \{2^3, 6^3, 8, 24^3\})$	1408
24	$\mathcal{O}(0; \{4^2, 6^3, 8, 24^3\})$	5632
24	$\mathcal{O}(0; \{3, 6^4, 8, 24^3\})$	5504

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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	$\mathcal{O}(0; \{2^3, 4, 8^3, 24^3\})$	4096
24	$\mathcal{O}(0; \{4^3, 8^3, 24^3\})$	16384
24	$\mathcal{O}(0; \{3, 4, 6, 8^3, 24^3\})$	20480
24	$\mathcal{O}(0; \{2, 8^5, 24^3\})$	32768
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 8, 12, 24^3\})$	5632
24	$\mathcal{O}(0; \{2^3, 4, 6, 8, 12, 24^3\})$	2560
24	$\mathcal{O}(0; \{4^3, 6, 8, 12, 24^3\})$	10240
24	$\mathcal{O}(0; \{3, 4, 6^2, 8, 12, 24^3\})$	10752
24	$\mathcal{O}(0; \{3^2, 8^3, 12, 24^3\})$	45056
24	$\mathcal{O}(0; \{2, 6, 8^3, 12, 24^3\})$	20480
24	$\mathcal{O}(0; \{2^3, 3, 8, 12^2, 24^3\})$	5632
24	$\mathcal{O}(0; \{3, 4^2, 8, 12^2, 24^3\})$	22528
24	$\mathcal{O}(0; \{3^2, 6, 8, 12^2, 24^3\})$	22016
24	$\mathcal{O}(0; \{2, 6^2, 8, 12^2, 24^3\})$	10752
24	$\mathcal{O}(0; \{2, 4, 8, 12^3, 24^3\})$	22528
24	$\mathcal{O}(0; \{2^5, 3, 4, 24^4\})$	1280
24	$\mathcal{O}(0; \{2, 3^4, 4, 24^4\})$	11008
24	$\mathcal{O}(0; \{2^2, 3, 4^3, 24^4\})$	5120
24	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 24^4\})$	5376
24	$\mathcal{O}(0; \{2^3, 4, 6^2, 24^4\})$	2816
24	$\mathcal{O}(0; \{4^3, 6^2, 24^4\})$	11264
24	$\mathcal{O}(0; \{3, 4, 6^3, 24^4\})$	11008
24	$\mathcal{O}(0; \{2^3, 3, 8^2, 24^4\})$	10240
24	$\mathcal{O}(0; \{3, 4^2, 8^2, 24^4\})$	40960
24	$\mathcal{O}(0; \{3^2, 6, 8^2, 24^4\})$	43008
24	$\mathcal{O}(0; \{2, 6^2, 8^2, 24^4\})$	22528
24	$\mathcal{O}(0; \{2^6, 12, 24^4\})$	1280
24	$\mathcal{O}(0; \{2^2, 3^3, 12, 24^4\})$	11008
24	$\mathcal{O}(0; \{2^3, 4^2, 12, 24^4\})$	5120
24	$\mathcal{O}(0; \{4^4, 12, 24^4\})$	20480
24	$\mathcal{O}(0; \{2^3, 3, 6, 12, 24^4\})$	5376
24	$\mathcal{O}(0; \{3, 4^2, 6, 12, 24^4\})$	21504
24	$\mathcal{O}(0; \{3^2, 6^2, 12, 24^4\})$	21760
24	$\mathcal{O}(0; \{2, 6^3, 12, 24^4\})$	11008
24	$\mathcal{O}(0; \{2, 4, 8^2, 12, 24^4\})$	40960
24	$\mathcal{O}(0; \{3^2, 4, 12^2, 24^4\})$	44032
24	$\mathcal{O}(0; \{2, 4, 6, 12^2, 24^4\})$	21504
24	$\mathcal{O}(0; \{2, 3, 12^3, 24^4\})$	44032
24	$\mathcal{O}(0; \{3^2, 4, 8, 24^5\})$	86016
24	$\mathcal{O}(0; \{2, 4, 6, 8, 24^5\})$	45056
24	$\mathcal{O}(0; \{2, 3, 8, 12, 24^5\})$	86016
24	$\mathcal{O}(0; \{2^4, 24^6\})$	22528
24	$\mathcal{O}(0; \{3^3, 24^6\})$	174080

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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	$\mathcal{O}(0; \{2, 4^2, 24^6\})$	90112
24	$\mathcal{O}(0; \{2, 3, 6, 24^6\})$	88064
25	$\mathcal{O}(2; \{5^2, 25^2\})$	12500000
25	$\mathcal{O}(0; \{5^7, 25^2\})$	327680
25	$\mathcal{O}(0; \{5, 25^7\})$	204750000
26	$\mathcal{O}(2; \{2, 13^2, 26\})$	60320832
26	$\mathcal{O}(1; \{2^5, 13^2, 26\})$	89232
26	$\mathcal{O}(1; \{2^3, 13, 26^3\})$	1078896
26	$\mathcal{O}(1; \{2, 26^5\})$	12938640
26	$\mathcal{O}(0; \{2^9, 13^2, 26\})$	132
26	$\mathcal{O}(0; \{2^7, 13, 26^3\})$	1596
26	$\mathcal{O}(0; \{2^5, 26^5\})$	19140
27	$\mathcal{O}(2; \{3^2, 9^2\})$	12597120
27	$\mathcal{O}(1; \{3^5, 9^2\})$	124416
27	$\mathcal{O}(1; \{3, 9^5\})$	1049760
27	$\mathcal{O}(1; \{3^2, 9, 27^3\})$	2834352
27	$\mathcal{O}(0; \{3^5, 9, 27^3\})$	31104
27	$\mathcal{O}(0; \{3, 9^4, 27^3\})$	419904
27	$\mathcal{O}(0; \{3^2, 27^6\})$	5196312
28	$\mathcal{O}(2; \{2^2, 28^2\})$	7375872
28	$\mathcal{O}(1; \{4^2, 7^4\})$	291648
28	$\mathcal{O}(1; \{2^3, 4, 7^2, 28\})$	47040
28	$\mathcal{O}(1; \{4^3, 7^2, 28\})$	188160
28	$\mathcal{O}(1; \{2, 4, 7, 14^2, 28\})$	291648
28	$\mathcal{O}(1; \{2^6, 28^2\})$	9408
28	$\mathcal{O}(1; \{2^3, 4^2, 28^2\})$	37632
28	$\mathcal{O}(1; \{4^4, 28^2\})$	150528
28	$\mathcal{O}(0; \{2^4, 4^2, 7^4\})$	372
28	$\mathcal{O}(0; \{2, 4^4, 7^4\})$	1488
28	$\mathcal{O}(0; \{2^2, 4^2, 7^3, 14^2\})$	2220
28	$\mathcal{O}(0; \{4^2, 7^2, 14^4\})$	13332
28	$\mathcal{O}(0; \{2^7, 4, 7^2, 28\})$	60
28	$\mathcal{O}(0; \{2^4, 4^3, 7^2, 28\})$	240
28	$\mathcal{O}(0; \{2, 4^5, 7^2, 28\})$	960
28	$\mathcal{O}(0; \{4, 7^5, 14, 28\})$	79980
28	$\mathcal{O}(0; \{2^5, 4, 7, 14^2, 28\})$	372
28	$\mathcal{O}(0; \{2^2, 4^3, 7, 14^2, 28\})$	1488
28	$\mathcal{O}(0; \{2^3, 4, 14^4, 28\})$	2220
28	$\mathcal{O}(0; \{4^3, 14^4, 28\})$	8880
28	$\mathcal{O}(0; \{2^{10}, 28^2\})$	12
28	$\mathcal{O}(0; \{2^7, 4^2, 28^2\})$	48
28	$\mathcal{O}(0; \{2^4, 4^4, 28^2\})$	192
28	$\mathcal{O}(0; \{2, 4^6, 28^2\})$	768

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{2^3, 7^3, 14, 28^2\})$	13332
28	$\mathcal{O}(0; \{4^2, 7^3, 14, 28^2\})$	53328
28	$\mathcal{O}(0; \{2, 7^2, 14^3, 28^2\})$	79980
28	$\mathcal{O}(0; \{2^3, 4, 7, 14, 28^3\})$	8880
28	$\mathcal{O}(0; \{4^3, 7, 14, 28^3\})$	35520
28	$\mathcal{O}(0; \{2, 4, 14^3, 28^3\})$	53328
28	$\mathcal{O}(0; \{2, 7^3, 28^4\})$	319920
28	$\mathcal{O}(0; \{2, 4, 7, 28^5\})$	213312
29	$\mathcal{O}(0; \{29^7\})$	465273396
30	$\mathcal{O}(2; \{2^2, 5^2\})$	3200000
30	$\mathcal{O}(2; \{5, 10^2\})$	9600000
30	$\mathcal{O}(2; \{5, 6, 30\})$	6480000
30	$\mathcal{O}(2; \{3, 30^2\})$	6480000
30	$\mathcal{O}(1; \{2^6, 5^2\})$	3200
30	$\mathcal{O}(1; \{2^2, 3^3, 5^2\})$	7200
30	$\mathcal{O}(1; \{2^3, 3, 5^2, 6\})$	7200
30	$\mathcal{O}(1; \{3^2, 5^2, 6^2\})$	21600
30	$\mathcal{O}(1; \{2, 5^2, 6^3\})$	7200
30	$\mathcal{O}(1; \{2, 5^4, 10\})$	163200
30	$\mathcal{O}(1; \{2^4, 5, 10^2\})$	9600
30	$\mathcal{O}(1; \{3^3, 5, 10^2\})$	21600
30	$\mathcal{O}(1; \{2, 3, 5, 6, 10^2\})$	21600
30	$\mathcal{O}(1; \{2^2, 10^4\})$	41600
30	$\mathcal{O}(1; \{2, 3, 5^2, 10, 15\})$	93600
30	$\mathcal{O}(1; \{2, 3^2, 10, 15^2\})$	64800
30	$\mathcal{O}(1; \{2^2, 6, 10, 15^2\})$	21600
30	$\mathcal{O}(1; \{2^2, 5, 15^3\})$	93600
30	$\mathcal{O}(1; \{10^2, 15^3\})$	367200
30	$\mathcal{O}(1; \{2^3, 3^2, 5, 30\})$	7200
30	$\mathcal{O}(1; \{2^4, 5, 6, 30\})$	7200
30	$\mathcal{O}(1; \{3^3, 5, 6, 30\})$	36000
30	$\mathcal{O}(1; \{2, 3, 5, 6^2, 30\})$	21600
30	$\mathcal{O}(1; \{2, 3^2, 10^2, 30\})$	21600
30	$\mathcal{O}(1; \{2^2, 6, 10^2, 30\})$	21600
30	$\mathcal{O}(1; \{2^2, 5, 10, 15, 30\})$	93600
30	$\mathcal{O}(1; \{10^3, 15, 30\})$	367200
30	$\mathcal{O}(1; \{6, 15^3, 30\})$	468000
30	$\mathcal{O}(1; \{2^4, 3, 30^2\})$	7200
30	$\mathcal{O}(1; \{3^4, 30^2\})$	79200
30	$\mathcal{O}(1; \{2, 3^2, 6, 30^2\})$	36000
30	$\mathcal{O}(1; \{2^2, 6^2, 30^2\})$	21600
30	$\mathcal{O}(1; \{6, 10, 15, 30^2\})$	280800
30	$\mathcal{O}(1; \{5, 15^2, 30^2\})$	1101600

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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	$\mathcal{O}(1; \{5, 10, 30^3\})$	367200
30	$\mathcal{O}(0; \{2^6, 3^3, 5^2\})$	8
30	$\mathcal{O}(0; \{2^2, 3^6, 5^2\})$	88
30	$\mathcal{O}(0; \{2^7, 3, 5^2, 6\})$	8
30	$\mathcal{O}(0; \{2^3, 3^4, 5^2, 6\})$	40
30	$\mathcal{O}(0; \{2^4, 3^2, 5^2, 6^2\})$	24
30	$\mathcal{O}(0; \{3^5, 5^2, 6^2\})$	168
30	$\mathcal{O}(0; \{2^5, 5^2, 6^3\})$	8
30	$\mathcal{O}(0; \{2, 3^3, 5^2, 6^3\})$	88
30	$\mathcal{O}(0; \{2^2, 3, 5^2, 6^4\})$	40
30	$\mathcal{O}(0; \{5^2, 6^6\})$	88
30	$\mathcal{O}(0; \{2, 3^3, 5^4, 10\})$	408
30	$\mathcal{O}(0; \{2^2, 3, 5^4, 6, 10\})$	408
30	$\mathcal{O}(0; \{5^4, 6^3, 10\})$	408
30	$\mathcal{O}(0; \{2^4, 3^3, 5, 10^2\})$	24
30	$\mathcal{O}(0; \{3^6, 5, 10^2\})$	264
30	$\mathcal{O}(0; \{2^5, 3, 5, 6, 10^2\})$	24
30	$\mathcal{O}(0; \{2, 3^4, 5, 6, 10^2\})$	120
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 6^2, 10^2\})$	72
30	$\mathcal{O}(0; \{2^3, 5, 6^3, 10^2\})$	24
30	$\mathcal{O}(0; \{3, 5, 6^4, 10^2\})$	120
30	$\mathcal{O}(0; \{3, 5^3, 6, 10^3\})$	1640
30	$\mathcal{O}(0; \{2^2, 3^3, 10^4\})$	104
30	$\mathcal{O}(0; \{2^3, 3, 6, 10^4\})$	104
30	$\mathcal{O}(0; \{3^2, 6^2, 10^4\})$	312
30	$\mathcal{O}(0; \{2, 6^3, 10^4\})$	104
30	$\mathcal{O}(0; \{2^2, 3, 5^5, 15\})$	1640
30	$\mathcal{O}(0; \{5^5, 6^2, 15\})$	1640
30	$\mathcal{O}(0; \{2^5, 3, 5^2, 10, 15\})$	104
30	$\mathcal{O}(0; \{2, 3^4, 5^2, 10, 15\})$	520
30	$\mathcal{O}(0; \{2^2, 3^2, 5^2, 6, 10, 15\})$	312
30	$\mathcal{O}(0; \{2^3, 5^2, 6^2, 10, 15\})$	104
30	$\mathcal{O}(0; \{3, 5^2, 6^3, 10, 15\})$	520
30	$\mathcal{O}(0; \{3, 5^4, 10^2, 15\})$	6552
30	$\mathcal{O}(0; \{2^3, 3, 5, 10^3, 15\})$	408
30	$\mathcal{O}(0; \{3^2, 5, 6, 10^3, 15\})$	1224
30	$\mathcal{O}(0; \{2, 5, 6^2, 10^3, 15\})$	408
30	$\mathcal{O}(0; \{2, 3, 10^5, 15\})$	1640
30	$\mathcal{O}(0; \{2^2, 3^2, 5^3, 15^2\})$	1224
30	$\mathcal{O}(0; \{2^3, 5^3, 6, 15^2\})$	408
30	$\mathcal{O}(0; \{3, 5^3, 6^2, 15^2\})$	2040
30	$\mathcal{O}(0; \{2^5, 3^2, 10, 15^2\})$	72
30	$\mathcal{O}(0; \{2, 3^5, 10, 15^2\})$	504

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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	$\mathcal{O}(0; \{2^6, 6, 10, 15^2\})$	24
30	$\mathcal{O}(0; \{2^2, 3^3, 6, 10, 15^2\})$	264
30	$\mathcal{O}(0; \{2^3, 3, 6^2, 10, 15^2\})$	120
30	$\mathcal{O}(0; \{3^2, 6^3, 10, 15^2\})$	504
30	$\mathcal{O}(0; \{2, 6^4, 10, 15^2\})$	264
30	$\mathcal{O}(0; \{3^2, 5^2, 10^2, 15^2\})$	4920
30	$\mathcal{O}(0; \{2, 5^2, 6, 10^2, 15^2\})$	1640
30	$\mathcal{O}(0; \{2^6, 5, 15^3\})$	104
30	$\mathcal{O}(0; \{2^2, 3^3, 5, 15^3\})$	1144
30	$\mathcal{O}(0; \{2^3, 3, 5, 6, 15^3\})$	520
30	$\mathcal{O}(0; \{3^2, 5, 6^2, 15^3\})$	2184
30	$\mathcal{O}(0; \{2, 5, 6^3, 15^3\})$	1144
30	$\mathcal{O}(0; \{2, 5^3, 10, 15^3\})$	6552
30	$\mathcal{O}(0; \{2^4, 10^2, 15^3\})$	408
30	$\mathcal{O}(0; \{3^3, 10^2, 15^3\})$	4488
30	$\mathcal{O}(0; \{2, 3, 6, 10^2, 15^3\})$	2040
30	$\mathcal{O}(0; \{2, 3, 5, 10, 15^4\})$	8200
30	$\mathcal{O}(0; \{2^2, 15^6\})$	18040
30	$\mathcal{O}(0; \{2^7, 3^2, 5, 30\})$	8
30	$\mathcal{O}(0; \{2^3, 3^5, 5, 30\})$	88
30	$\mathcal{O}(0; \{2^8, 5, 6, 30\})$	8
30	$\mathcal{O}(0; \{2^4, 3^3, 5, 6, 30\})$	40
30	$\mathcal{O}(0; \{3^6, 5, 6, 30\})$	344
30	$\mathcal{O}(0; \{5^6, 6, 30\})$	6552
30	$\mathcal{O}(0; \{2^5, 3, 5, 6^2, 30\})$	24
30	$\mathcal{O}(0; \{2, 3^4, 5, 6^2, 30\})$	168
30	$\mathcal{O}(0; \{2^2, 3^2, 5, 6^3, 30\})$	88
30	$\mathcal{O}(0; \{2^3, 5, 6^4, 30\})$	40
30	$\mathcal{O}(0; \{3, 5, 6^5, 30\})$	168
30	$\mathcal{O}(0; \{2^2, 3^2, 5^3, 10, 30\})$	408
30	$\mathcal{O}(0; \{2^3, 5^3, 6, 10, 30\})$	408
30	$\mathcal{O}(0; \{3, 5^3, 6^2, 10, 30\})$	1224
30	$\mathcal{O}(0; \{2^5, 3^2, 10^2, 30\})$	24
30	$\mathcal{O}(0; \{2, 3^5, 10^2, 30\})$	264
30	$\mathcal{O}(0; \{2^6, 6, 10^2, 30\})$	24
30	$\mathcal{O}(0; \{2^2, 3^3, 6, 10^2, 30\})$	120
30	$\mathcal{O}(0; \{2^3, 3, 6^2, 10^2, 30\})$	72
30	$\mathcal{O}(0; \{3^2, 6^3, 10^2, 30\})$	264
30	$\mathcal{O}(0; \{2, 6^4, 10^2, 30\})$	120
30	$\mathcal{O}(0; \{3^2, 5^2, 10^3, 30\})$	1640
30	$\mathcal{O}(0; \{2, 5^2, 6, 10^3, 30\})$	1640
30	$\mathcal{O}(0; \{2^3, 5^4, 15, 30\})$	1640
30	$\mathcal{O}(0; \{3, 5^4, 6, 15, 30\})$	4920

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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	$\mathcal{O}(0; \{2^6, 5, 10, 15, 30\})$	104
30	$\mathcal{O}(0; \{2^2, 3^3, 5, 10, 15, 30\})$	520
30	$\mathcal{O}(0; \{2^3, 3, 5, 6, 10, 15, 30\})$	312
30	$\mathcal{O}(0; \{3^2, 5, 6^2, 10, 15, 30\})$	1144
30	$\mathcal{O}(0; \{2, 5, 6^3, 10, 15, 30\})$	520
30	$\mathcal{O}(0; \{2, 5^3, 10^2, 15, 30\})$	6552
30	$\mathcal{O}(0; \{2^4, 10^3, 15, 30\})$	408
30	$\mathcal{O}(0; \{3^3, 10^3, 15, 30\})$	2040
30	$\mathcal{O}(0; \{2, 3, 6, 10^3, 15, 30\})$	1224
30	$\mathcal{O}(0; \{2^3, 3, 5^2, 15^2, 30\})$	1224
30	$\mathcal{O}(0; \{3^2, 5^2, 6, 15^2, 30\})$	4488
30	$\mathcal{O}(0; \{2, 5^2, 6^2, 15^2, 30\})$	2040
30	$\mathcal{O}(0; \{2, 3, 5, 10^2, 15^2, 30\})$	4920
30	$\mathcal{O}(0; \{2^3, 3^2, 15^3, 30\})$	1144
30	$\mathcal{O}(0; \{2^4, 6, 15^3, 30\})$	520
30	$\mathcal{O}(0; \{3^3, 6, 15^3, 30\})$	4472
30	$\mathcal{O}(0; \{2, 3, 6^2, 15^3, 30\})$	2184
30	$\mathcal{O}(0; \{2^2, 10, 15^4, 30\})$	8200
30	$\mathcal{O}(0; \{2^8, 3, 30^2\})$	8
30	$\mathcal{O}(0; \{2^4, 3^4, 30^2\})$	88
30	$\mathcal{O}(0; \{3^7, 30^2\})$	680
30	$\mathcal{O}(0; \{3, 5^5, 30^2\})$	6552
30	$\mathcal{O}(0; \{2^5, 3^2, 6, 30^2\})$	40
30	$\mathcal{O}(0; \{2, 3^5, 6, 30^2\})$	344
30	$\mathcal{O}(0; \{2^6, 6^2, 30^2\})$	24
30	$\mathcal{O}(0; \{2^2, 3^3, 6^2, 30^2\})$	168
30	$\mathcal{O}(0; \{2^3, 3, 6^3, 30^2\})$	88
30	$\mathcal{O}(0; \{3^2, 6^4, 30^2\})$	344
30	$\mathcal{O}(0; \{2, 6^5, 30^2\})$	168
30	$\mathcal{O}(0; \{2^3, 3, 5^2, 10, 30^2\})$	408
30	$\mathcal{O}(0; \{3^2, 5^2, 6, 10, 30^2\})$	2040
30	$\mathcal{O}(0; \{2, 5^2, 6^2, 10, 30^2\})$	1224
30	$\mathcal{O}(0; \{2, 3, 5, 10^3, 30^2\})$	1640
30	$\mathcal{O}(0; \{3^2, 5^3, 15, 30^2\})$	8200
30	$\mathcal{O}(0; \{2, 5^3, 6, 15, 30^2\})$	4920
30	$\mathcal{O}(0; \{2^3, 3^2, 10, 15, 30^2\})$	520
30	$\mathcal{O}(0; \{2^4, 6, 10, 15, 30^2\})$	312
30	$\mathcal{O}(0; \{3^3, 6, 10, 15, 30^2\})$	2184
30	$\mathcal{O}(0; \{2, 3, 6^2, 10, 15, 30^2\})$	1144
30	$\mathcal{O}(0; \{2^4, 5, 15^2, 30^2\})$	1224
30	$\mathcal{O}(0; \{3^3, 5, 15^2, 30^2\})$	8568
30	$\mathcal{O}(0; \{2, 3, 5, 6, 15^2, 30^2\})$	4488
30	$\mathcal{O}(0; \{2^2, 10^2, 15^2, 30^2\})$	4920

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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	$\mathcal{O}(0; \{15^5, 30^2\})$	137592
30	$\mathcal{O}(0; \{2, 5^4, 30^3\})$	6552
30	$\mathcal{O}(0; \{2^4, 5, 10, 30^3\})$	408
30	$\mathcal{O}(0; \{3^3, 5, 10, 30^3\})$	4488
30	$\mathcal{O}(0; \{2, 3, 5, 6, 10, 30^3\})$	2040
30	$\mathcal{O}(0; \{2^2, 10^3, 30^3\})$	1640
30	$\mathcal{O}(0; \{2, 3, 5^2, 15, 30^3\})$	8200
30	$\mathcal{O}(0; \{2, 3^2, 15^2, 30^3\})$	8568
30	$\mathcal{O}(0; \{2^2, 6, 15^2, 30^3\})$	4488
30	$\mathcal{O}(0; \{10, 15^3, 30^3\})$	72072
30	$\mathcal{O}(0; \{2, 3^2, 10, 30^4\})$	4488
30	$\mathcal{O}(0; \{2^2, 6, 10, 30^4\})$	2040
30	$\mathcal{O}(0; \{2^2, 5, 15, 30^4\})$	8200
30	$\mathcal{O}(0; \{10^2, 15, 30^4\})$	32760
30	$\mathcal{O}(0; \{6, 15, 30^5\})$	34440
30	$\mathcal{O}(0; \{5, 30^6\})$	72072
32	$\mathcal{O}(1; \{2^3, 8, 32^2\})$	65536
32	$\mathcal{O}(1; \{4^2, 8, 32^2\})$	262144
32	$\mathcal{O}(1; \{2, 16^2, 32^2\})$	1048576
32	$\mathcal{O}(0; \{2^7, 8, 32^2\})$	64
32	$\mathcal{O}(0; \{2^4, 4^2, 8, 32^2\})$	256
32	$\mathcal{O}(0; \{2, 4^4, 8, 32^2\})$	1024
32	$\mathcal{O}(0; \{2^2, 4, 8^3, 32^2\})$	2048
32	$\mathcal{O}(0; \{8^5, 32^2\})$	16384
32	$\mathcal{O}(0; \{2^5, 16^2, 32^2\})$	1024
32	$\mathcal{O}(0; \{2^2, 4^2, 16^2, 32^2\})$	4096
32	$\mathcal{O}(0; \{4, 8^2, 16^2, 32^2\})$	32768
32	$\mathcal{O}(0; \{2^3, 16, 32^4\})$	32768
32	$\mathcal{O}(0; \{4^2, 16, 32^4\})$	131072
32	$\mathcal{O}(0; \{2, 32^6\})$	1048576
33	$\mathcal{O}(1; \{3^2, 11, 33^2\})$	588060
33	$\mathcal{O}(0; \{3, 11^5, 33\})$	181820
33	$\mathcal{O}(0; \{3^5, 11, 33^2\})$	3780
33	$\mathcal{O}(0; \{3^2, 33^5\})$	381780
35	$\mathcal{O}(2; \{35^2\})$	36015000
35	$\mathcal{O}(0; \{5^3, 7^3, 35\})$	9672
35	$\mathcal{O}(0; \{5^5, 35^2\})$	19656
36	$\mathcal{O}(2; \{12^2\})$	6635520
36	$\mathcal{O}(1; \{2^2, 3^2, 4^2\})$	4608
36	$\mathcal{O}(1; \{3, 4^2, 6^2\})$	4608
36	$\mathcal{O}(1; \{2^3, 3, 4, 12\})$	4608
36	$\mathcal{O}(1; \{3, 4^3, 12\})$	18432
36	$\mathcal{O}(1; \{3^2, 4, 6, 12\})$	13824

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{2, 4, 6^2, 12\})$	4608
36	$\mathcal{O}(1; \{2^4, 12^2\})$	4608
36	$\mathcal{O}(1; \{3^3, 12^2\})$	23040
36	$\mathcal{O}(1; \{2, 4^2, 12^2\})$	18432
36	$\mathcal{O}(1; \{2, 3, 6, 12^2\})$	13824
36	$\mathcal{O}(1; \{2, 4^2, 9, 18\})$	15552
36	$\mathcal{O}(1; \{2, 3, 4, 18, 36\})$	31104
36	$\mathcal{O}(1; \{2^2, 12, 18, 36\})$	31104
36	$\mathcal{O}(1; \{2^2, 9, 36^2\})$	46656
36	$\mathcal{O}(1; \{18^2, 36^2\})$	419904
36	$\mathcal{O}(1; \{12, 36^3\})$	373248
36	$\mathcal{O}(0; \{2^2, 3, 4^2, 9^3\})$	72
36	$\mathcal{O}(0; \{4^2, 6^2, 9^3\})$	144
36	$\mathcal{O}(0; \{2^3, 4, 9^3, 12\})$	72
36	$\mathcal{O}(0; \{4^3, 9^3, 12\})$	288
36	$\mathcal{O}(0; \{3, 4, 6, 9^3, 12\})$	288
36	$\mathcal{O}(0; \{3^2, 9^3, 12^2\})$	576
36	$\mathcal{O}(0; \{2, 6, 9^3, 12^2\})$	288
36	$\mathcal{O}(0; \{2^5, 4^2, 9, 18\})$	12
36	$\mathcal{O}(0; \{2, 3^3, 4^2, 9, 18\})$	96
36	$\mathcal{O}(0; \{2^2, 4^4, 9, 18\})$	48
36	$\mathcal{O}(0; \{2^2, 3, 4^2, 6, 9, 18\})$	48
36	$\mathcal{O}(0; \{4^2, 6^3, 9, 18\})$	96
36	$\mathcal{O}(0; \{2^2, 3^2, 4, 9, 12, 18\})$	96
36	$\mathcal{O}(0; \{2^3, 4, 6, 9, 12, 18\})$	48
36	$\mathcal{O}(0; \{4^3, 6, 9, 12, 18\})$	192
36	$\mathcal{O}(0; \{3, 4, 6^2, 9, 12, 18\})$	192
36	$\mathcal{O}(0; \{2^3, 3, 9, 12^2, 18\})$	96
36	$\mathcal{O}(0; \{3, 4^2, 9, 12^2, 18\})$	384
36	$\mathcal{O}(0; \{3^2, 6, 9, 12^2, 18\})$	384
36	$\mathcal{O}(0; \{2, 6^2, 9, 12^2, 18\})$	192
36	$\mathcal{O}(0; \{2, 4, 9, 12^3, 18\})$	384
36	$\mathcal{O}(0; \{3, 4^2, 9^2, 18^2\})$	648
36	$\mathcal{O}(0; \{2, 4, 9^2, 12, 18^2\})$	648
36	$\mathcal{O}(0; \{2^3, 4^2, 18^3\})$	36
36	$\mathcal{O}(0; \{4^4, 18^3\})$	144
36	$\mathcal{O}(0; \{3, 4^2, 6, 18^3\})$	144
36	$\mathcal{O}(0; \{3^2, 4, 12, 18^3\})$	288
36	$\mathcal{O}(0; \{2, 4, 6, 12, 18^3\})$	144
36	$\mathcal{O}(0; \{2, 3, 12^2, 18^3\})$	288
36	$\mathcal{O}(0; \{2^2, 3^2, 4, 9^2, 36\})$	144
36	$\mathcal{O}(0; \{2^3, 4, 6, 9^2, 36\})$	72
36	$\mathcal{O}(0; \{4^3, 6, 9^2, 36\})$	288

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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	$\mathcal{O}(0; \{3, 4, 6^2, 9^2, 36\})$	288
36	$\mathcal{O}(0; \{2^3, 3, 9^2, 12, 36\})$	144
36	$\mathcal{O}(0; \{3, 4^2, 9^2, 12, 36\})$	576
36	$\mathcal{O}(0; \{3^2, 6, 9^2, 12, 36\})$	576
36	$\mathcal{O}(0; \{2, 6^2, 9^2, 12, 36\})$	288
36	$\mathcal{O}(0; \{2, 4, 9^2, 12^2, 36\})$	576
36	$\mathcal{O}(0; \{2^5, 3, 4, 18, 36\})$	24
36	$\mathcal{O}(0; \{2, 3^4, 4, 18, 36\})$	192
36	$\mathcal{O}(0; \{2^2, 3, 4^3, 18, 36\})$	96
36	$\mathcal{O}(0; \{2^2, 3^2, 4, 6, 18, 36\})$	96
36	$\mathcal{O}(0; \{2^3, 4, 6^2, 18, 36\})$	48
36	$\mathcal{O}(0; \{4^3, 6^2, 18, 36\})$	192
36	$\mathcal{O}(0; \{3, 4, 6^3, 18, 36\})$	192
36	$\mathcal{O}(0; \{2, 4, 9^3, 18, 36\})$	1620
36	$\mathcal{O}(0; \{2^6, 12, 18, 36\})$	24
36	$\mathcal{O}(0; \{2^2, 3^3, 12, 18, 36\})$	192
36	$\mathcal{O}(0; \{2^3, 4^2, 12, 18, 36\})$	96
36	$\mathcal{O}(0; \{4^4, 12, 18, 36\})$	384
36	$\mathcal{O}(0; \{2^3, 3, 6, 12, 18, 36\})$	96
36	$\mathcal{O}(0; \{3, 4^2, 6, 12, 18, 36\})$	384
36	$\mathcal{O}(0; \{3^2, 6^2, 12, 18, 36\})$	384
36	$\mathcal{O}(0; \{2, 6^3, 12, 18, 36\})$	192
36	$\mathcal{O}(0; \{3^2, 4, 12^2, 18, 36\})$	768
36	$\mathcal{O}(0; \{2, 4, 6, 12^2, 18, 36\})$	384
36	$\mathcal{O}(0; \{2, 3, 12^3, 18, 36\})$	768
36	$\mathcal{O}(0; \{3^2, 4, 9, 18^2, 36\})$	1296
36	$\mathcal{O}(0; \{2, 4, 6, 9, 18^2, 36\})$	648
36	$\mathcal{O}(0; \{2, 3, 9, 12, 18^2, 36\})$	1296
36	$\mathcal{O}(0; \{2^6, 9, 36^2\})$	36
36	$\mathcal{O}(0; \{2^2, 3^3, 9, 36^2\})$	288
36	$\mathcal{O}(0; \{2^3, 4^2, 9, 36^2\})$	144
36	$\mathcal{O}(0; \{4^4, 9, 36^2\})$	576
36	$\mathcal{O}(0; \{2^3, 3, 6, 9, 36^2\})$	144
36	$\mathcal{O}(0; \{3, 4^2, 6, 9, 36^2\})$	576
36	$\mathcal{O}(0; \{3^2, 6^2, 9, 36^2\})$	576
36	$\mathcal{O}(0; \{2, 6^3, 9, 36^2\})$	288
36	$\mathcal{O}(0; \{3^2, 4, 9, 12, 36^2\})$	1152
36	$\mathcal{O}(0; \{2, 4, 6, 9, 12, 36^2\})$	576
36	$\mathcal{O}(0; \{2, 3, 9, 12^2, 36^2\})$	1152
36	$\mathcal{O}(0; \{2, 3, 9^2, 18, 36^2\})$	3240
36	$\mathcal{O}(0; \{2^4, 18^2, 36^2\})$	324
36	$\mathcal{O}(0; \{3^3, 18^2, 36^2\})$	2592
36	$\mathcal{O}(0; \{2, 4^2, 18^2, 36^2\})$	1296

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{2, 3, 6, 18^2, 36^2\})$	1296
36	$\mathcal{O}(0; \{2^3, 3, 4, 36^3\})$	288
36	$\mathcal{O}(0; \{3, 4^3, 36^3\})$	1152
36	$\mathcal{O}(0; \{3^2, 4, 6, 36^3\})$	1152
36	$\mathcal{O}(0; \{2, 4, 6^2, 36^3\})$	576
36	$\mathcal{O}(0; \{2^4, 12, 36^3\})$	288
36	$\mathcal{O}(0; \{3^3, 12, 36^3\})$	2304
36	$\mathcal{O}(0; \{2, 4^2, 12, 36^3\})$	1152
36	$\mathcal{O}(0; \{2, 3, 6, 12, 36^3\})$	1152
36	$\mathcal{O}(0; \{2^2, 18, 36^4\})$	6480
36	$\mathcal{O}(0; \{36^6\})$	171072
39	$\mathcal{O}(1; \{3, 13, 39^2\})$	401544
39	$\mathcal{O}(0; \{3^4, 13, 39^2\})$	2904
39	$\mathcal{O}(0; \{3, 39^5\})$	421080
40	$\mathcal{O}(1; \{5, 8^2, 10\})$	25600
40	$\mathcal{O}(1; \{5^2, 8, 40\})$	76800
40	$\mathcal{O}(1; \{2^3, 40^2\})$	25600
40	$\mathcal{O}(1; \{4^2, 40^2\})$	102400
40	$\mathcal{O}(0; \{2, 5^4, 8^2\})$	208
40	$\mathcal{O}(0; \{2^4, 5, 8^2, 10\})$	16
40	$\mathcal{O}(0; \{2, 4^2, 5, 8^2, 10\})$	64
40	$\mathcal{O}(0; \{2^2, 8^2, 10^3\})$	48
40	$\mathcal{O}(0; \{2^2, 5, 8^2, 20^2\})$	192
40	$\mathcal{O}(0; \{8^2, 10^2, 20^2\})$	832
40	$\mathcal{O}(0; \{2^4, 5^2, 8, 40\})$	48
40	$\mathcal{O}(0; \{2, 4^2, 5^2, 8, 40\})$	192
40	$\mathcal{O}(0; \{2^2, 5, 8, 10^2, 40\})$	208
40	$\mathcal{O}(0; \{8, 10^4, 40\})$	816
40	$\mathcal{O}(0; \{2^2, 4, 8, 10, 20, 40\})$	192
40	$\mathcal{O}(0; \{8^3, 10, 20, 40\})$	1536
40	$\mathcal{O}(0; \{5, 8, 10, 20^2, 40\})$	3264
40	$\mathcal{O}(0; \{4, 8, 20^3, 40\})$	3328
40	$\mathcal{O}(0; \{2^7, 40^2\})$	16
40	$\mathcal{O}(0; \{2^4, 4^2, 40^2\})$	64
40	$\mathcal{O}(0; \{2, 4^4, 40^2\})$	256
40	$\mathcal{O}(0; \{2^2, 4, 8^2, 40^2\})$	512
40	$\mathcal{O}(0; \{8^4, 40^2\})$	4096
40	$\mathcal{O}(0; \{2^2, 5^2, 10, 40^2\})$	816
40	$\mathcal{O}(0; \{5, 10^3, 40^2\})$	3280
40	$\mathcal{O}(0; \{2^2, 4, 5, 20, 40^2\})$	832
40	$\mathcal{O}(0; \{5, 8^2, 20, 40^2\})$	6656
40	$\mathcal{O}(0; \{4, 10^2, 20, 40^2\})$	3264
40	$\mathcal{O}(0; \{5^2, 20^2, 40^2\})$	13120

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{4, 8, 10, 40^3\})$	6656
40	$\mathcal{O}(0; \{4, 5, 40^4\})$	26112
42	$\mathcal{O}(1; \{2^3, 7, 14\})$	9408
42	$\mathcal{O}(1; \{3, 6, 7, 14\})$	21168
42	$\mathcal{O}(1; \{2, 14^3\})$	47040
42	$\mathcal{O}(1; \{2, 7, 21, 42\})$	105840
42	$\mathcal{O}(1; \{3^2, 42^2\})$	63504
42	$\mathcal{O}(1; \{2, 6, 42^2\})$	21168
42	$\mathcal{O}(0; \{2^3, 3^3, 7, 14\})$	12
42	$\mathcal{O}(0; \{2^4, 3, 6, 7, 14\})$	12
42	$\mathcal{O}(0; \{3^4, 6, 7, 14\})$	60
42	$\mathcal{O}(0; \{2, 3^2, 6^2, 7, 14\})$	36
42	$\mathcal{O}(0; \{2^2, 6^3, 7, 14\})$	12
42	$\mathcal{O}(0; \{2, 3^3, 14^3\})$	60
42	$\mathcal{O}(0; \{2^2, 3, 6, 14^3\})$	60
42	$\mathcal{O}(0; \{6^3, 14^3\})$	60
42	$\mathcal{O}(0; \{6, 7^3, 14, 21\})$	2220
42	$\mathcal{O}(0; \{2^2, 3, 7^2, 21^2\})$	372
42	$\mathcal{O}(0; \{6^2, 7^2, 21^2\})$	1116
42	$\mathcal{O}(0; \{3, 7, 14^2, 21^2\})$	2220
42	$\mathcal{O}(0; \{2^3, 14, 21^3\})$	372
42	$\mathcal{O}(0; \{3, 6, 14, 21^3\})$	1860
42	$\mathcal{O}(0; \{2^2, 3, 7^2, 14, 42\})$	372
42	$\mathcal{O}(0; \{6^2, 7^2, 14, 42\})$	372
42	$\mathcal{O}(0; \{3, 7, 14^3, 42\})$	2220
42	$\mathcal{O}(0; \{2^5, 7, 21, 42\})$	60
42	$\mathcal{O}(0; \{2, 3^3, 7, 21, 42\})$	300
42	$\mathcal{O}(0; \{2^2, 3, 6, 7, 21, 42\})$	180
42	$\mathcal{O}(0; \{6^3, 7, 21, 42\})$	300
42	$\mathcal{O}(0; \{2^3, 14^2, 21, 42\})$	372
42	$\mathcal{O}(0; \{3, 6, 14^2, 21, 42\})$	1116
42	$\mathcal{O}(0; \{2, 21^4, 42\})$	11100
42	$\mathcal{O}(0; \{2^4, 3^2, 42^2\})$	36
42	$\mathcal{O}(0; \{3^5, 42^2\})$	252
42	$\mathcal{O}(0; \{2^5, 6, 42^2\})$	12
42	$\mathcal{O}(0; \{2, 3^3, 6, 42^2\})$	132
42	$\mathcal{O}(0; \{2^2, 3, 6^2, 42^2\})$	60
42	$\mathcal{O}(0; \{6^4, 42^2\})$	132
42	$\mathcal{O}(0; \{3, 7^2, 21, 42^2\})$	6660
42	$\mathcal{O}(0; \{2, 14, 21^2, 42^2\})$	6660
42	$\mathcal{O}(0; \{2^3, 7, 42^3\})$	372
42	$\mathcal{O}(0; \{3, 6, 7, 42^3\})$	1860
42	$\mathcal{O}(0; \{2, 14^2, 42^3\})$	2220

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
44	$\mathcal{O}(1; \{2, 4, 11, 44\})$	38720
44	$\mathcal{O}(0; \{4^2, 11^4\})$	1820
44	$\mathcal{O}(0; \{2^5, 4, 11, 44\})$	20
44	$\mathcal{O}(0; \{2^2, 4^3, 11, 44\})$	80
44	$\mathcal{O}(0; \{2^3, 4, 22^2, 44\})$	180
44	$\mathcal{O}(0; \{4^3, 22^2, 44\})$	720
44	$\mathcal{O}(0; \{2, 4, 22, 44^3\})$	7280
45	$\mathcal{O}(1; \{3^2, 5, 15\})$	14400
45	$\mathcal{O}(0; \{5^3, 9^3\})$	216
45	$\mathcal{O}(0; \{3, 5, 9^3, 15\})$	288
45	$\mathcal{O}(0; \{5^4, 9, 45\})$	1224
45	$\mathcal{O}(0; \{3, 5^2, 9, 15, 45\})$	1248
45	$\mathcal{O}(0; \{3^2, 9, 15^2, 45\})$	1152
45	$\mathcal{O}(0; \{3^2, 9^2, 45^2\})$	2592
45	$\mathcal{O}(0; \{3^2, 5, 45^3\})$	3744
46	$\mathcal{O}(2; \{2^2\})$	4477440
46	$\mathcal{O}(1; \{2^6\})$	2112
47	$\mathcal{O}(1; \{47^3\})$	4572630
48	$\mathcal{O}(1; \{2^2, 16^2\})$	16384
48	$\mathcal{O}(1; \{16, 24, 48\})$	147456
48	$\mathcal{O}(1; \{12, 48^2\})$	73728
48	$\mathcal{O}(0; \{2^2, 3^3, 16^2\})$	16
48	$\mathcal{O}(0; \{2^3, 3, 6, 16^2\})$	16
48	$\mathcal{O}(0; \{3, 4^2, 6, 16^2\})$	64
48	$\mathcal{O}(0; \{3^2, 6^2, 16^2\})$	48
48	$\mathcal{O}(0; \{2, 6^3, 16^2\})$	16
48	$\mathcal{O}(0; \{3^2, 4, 12, 16^2\})$	64
48	$\mathcal{O}(0; \{2, 4, 6, 12, 16^2\})$	64
48	$\mathcal{O}(0; \{2, 3, 12^2, 16^2\})$	64
48	$\mathcal{O}(0; \{2, 3, 8, 16^2, 24\})$	256
48	$\mathcal{O}(0; \{3^2, 4, 8, 16, 48\})$	128
48	$\mathcal{O}(0; \{2, 4, 6, 8, 16, 48\})$	128
48	$\mathcal{O}(0; \{2, 3, 8, 12, 16, 48\})$	128
48	$\mathcal{O}(0; \{2^4, 16, 24, 48\})$	64
48	$\mathcal{O}(0; \{3^3, 16, 24, 48\})$	320
48	$\mathcal{O}(0; \{2, 4^2, 16, 24, 48\})$	256
48	$\mathcal{O}(0; \{2, 3, 6, 16, 24, 48\})$	192
48	$\mathcal{O}(0; \{2^3, 3, 4, 48^2\})$	32
48	$\mathcal{O}(0; \{3, 4^3, 48^2\})$	128
48	$\mathcal{O}(0; \{3^2, 4, 6, 48^2\})$	160
48	$\mathcal{O}(0; \{2, 4, 6^2, 48^2\})$	96
48	$\mathcal{O}(0; \{2, 3, 8^2, 48^2\})$	256
48	$\mathcal{O}(0; \{2^4, 12, 48^2\})$	32

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{3^3, 12, 48^2\})$	352
48	$\mathcal{O}(0; \{2, 4^2, 12, 48^2\})$	128
48	$\mathcal{O}(0; \{2, 3, 6, 12, 48^2\})$	160
48	$\mathcal{O}(0; \{2^2, 24^2, 48^2\})$	768
48	$\mathcal{O}(0; \{2^2, 16, 48^3\})$	1024
48	$\mathcal{O}(0; \{24, 48^4\})$	20480
49	$\mathcal{O}(1; \{7, 49^2\})$	605052
50	$\mathcal{O}(1; \{5, 50^2\})$	200000
50	$\mathcal{O}(0; \{10, 25^3, 50\})$	26000
50	$\mathcal{O}(0; \{2^4, 5, 50^2\})$	80
50	$\mathcal{O}(0; \{2^2, 10^2, 50^2\})$	320
52	$\mathcal{O}(1; \{4, 13, 52\})$	64896
52	$\mathcal{O}(0; \{2^4, 4, 13, 52\})$	24
52	$\mathcal{O}(0; \{2, 4^3, 13, 52\})$	96
52	$\mathcal{O}(0; \{2^2, 4, 26^2, 52\})$	264
52	$\mathcal{O}(0; \{4, 26, 52^3\})$	12768
54	$\mathcal{O}(1; \{3, 18^2\})$	31104
54	$\mathcal{O}(0; \{2^2, 3, 27^3\})$	324
54	$\mathcal{O}(0; \{6^2, 27^3\})$	648
54	$\mathcal{O}(0; \{6, 9^2, 27, 54\})$	1296
54	$\mathcal{O}(0; \{2^2, 3, 18, 27, 54\})$	216
54	$\mathcal{O}(0; \{6^2, 18, 27, 54\})$	432
54	$\mathcal{O}(0; \{3, 27^2, 54^2\})$	8748
54	$\mathcal{O}(0; \{3, 18, 54^3\})$	1944
55	$\mathcal{O}(0; \{5, 11^3, 55\})$	3640
56	$\mathcal{O}(1; \{2, 56^2\})$	75264
56	$\mathcal{O}(0; \{2^2, 7^2, 8^2\})$	24
56	$\mathcal{O}(0; \{7, 8^2, 14^2\})$	120
56	$\mathcal{O}(0; \{2^2, 4, 7, 8, 56\})$	48
56	$\mathcal{O}(0; \{7, 8^3, 56\})$	384
56	$\mathcal{O}(0; \{4, 8, 14^2, 56\})$	240
56	$\mathcal{O}(0; \{2^5, 56^2\})$	24
56	$\mathcal{O}(0; \{2^2, 4^2, 56^2\})$	96
56	$\mathcal{O}(0; \{4, 8^2, 56^2\})$	768
58	$\mathcal{O}(0; \{2, 29^3, 58\})$	21196
60	$\mathcal{O}(0; \{4, 6, 10^2, 12\})$	16
60	$\mathcal{O}(0; \{3, 10^2, 12^2\})$	16
60	$\mathcal{O}(0; \{4, 5, 10, 12, 15\})$	48
60	$\mathcal{O}(0; \{4^2, 15^3\})$	48
60	$\mathcal{O}(0; \{5^2, 6, 12, 20\})$	48
60	$\mathcal{O}(0; \{2^2, 3, 4, 15, 20\})$	16
60	$\mathcal{O}(0; \{4, 6^2, 15, 20\})$	16
60	$\mathcal{O}(0; \{2^3, 12, 15, 20\})$	16

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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	$\mathcal{O}(0; \{4^2, 12, 15, 20\})$	64
60	$\mathcal{O}(0; \{3, 6, 12, 15, 20\})$	48
60	$\mathcal{O}(0; \{3, 6, 10, 20^2\})$	48
60	$\mathcal{O}(0; \{3, 5, 15, 20^2\})$	208
60	$\mathcal{O}(0; \{4^2, 10, 15, 30\})$	48
60	$\mathcal{O}(0; \{4, 5, 6, 20, 30\})$	48
60	$\mathcal{O}(0; \{3, 5, 12, 20, 30\})$	48
60	$\mathcal{O}(0; \{2, 15, 20^2, 30\})$	208
60	$\mathcal{O}(0; \{3, 4, 20, 30^2\})$	48
60	$\mathcal{O}(0; \{2, 12, 20, 30^2\})$	48
60	$\mathcal{O}(0; \{2^2, 3, 4, 10, 60\})$	16
60	$\mathcal{O}(0; \{4, 6^2, 10, 60\})$	16
60	$\mathcal{O}(0; \{5^3, 12, 60\})$	208
60	$\mathcal{O}(0; \{2^3, 10, 12, 60\})$	16
60	$\mathcal{O}(0; \{4^2, 10, 12, 60\})$	64
60	$\mathcal{O}(0; \{3, 6, 10, 12, 60\})$	48
60	$\mathcal{O}(0; \{4, 5, 6, 15, 60\})$	48
60	$\mathcal{O}(0; \{3, 5, 12, 15, 60\})$	144
60	$\mathcal{O}(0; \{3, 5, 10, 20, 60\})$	208
60	$\mathcal{O}(0; \{2, 15^2, 20, 60\})$	208
60	$\mathcal{O}(0; \{3, 4, 20^2, 60\})$	192
60	$\mathcal{O}(0; \{2, 12, 20^2, 60\})$	192
60	$\mathcal{O}(0; \{4, 5^2, 30, 60\})$	208
60	$\mathcal{O}(0; \{3, 4, 15, 30, 60\})$	144
60	$\mathcal{O}(0; \{2, 12, 15, 30, 60\})$	144
60	$\mathcal{O}(0; \{2, 10, 20, 30, 60\})$	208
60	$\mathcal{O}(0; \{2^2, 3^2, 60^2\})$	48
60	$\mathcal{O}(0; \{2^3, 6, 60^2\})$	16
60	$\mathcal{O}(0; \{4^2, 6, 60^2\})$	64
60	$\mathcal{O}(0; \{3, 6^2, 60^2\})$	80
60	$\mathcal{O}(0; \{3, 4, 12, 60^2\})$	192
60	$\mathcal{O}(0; \{2, 12^2, 60^2\})$	192
60	$\mathcal{O}(0; \{2, 10, 15, 60^2\})$	208
63	$\mathcal{O}(0; \{3^2, 9, 63^2\})$	432
64	$\mathcal{O}(0; \{2, 4, 16, 64^2\})$	512
66	$\mathcal{O}(0; \{2^3, 3, 22, 33\})$	20
66	$\mathcal{O}(0; \{3^2, 6, 22, 33\})$	60
66	$\mathcal{O}(0; \{2, 6^2, 22, 33\})$	20
66	$\mathcal{O}(0; \{2, 3, 33^2, 66\})$	540
66	$\mathcal{O}(0; \{2, 3, 22, 66^2\})$	180
69	$\mathcal{O}(2; \emptyset)$	22387200
69	$\mathcal{O}(1; \{3^3\})$	9504
70	$\mathcal{O}(1; \{70^2\})$	117600

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
70	$\mathcal{O}(0; \{2^4, 70^2\})$	24
71	$\mathcal{O}(0; \{71^4\})$	338170
72	$\mathcal{O}(1; \{24^2\})$	36864
72	$\mathcal{O}(0; \{2, 3, 8, 9, 72\})$	48
72	$\mathcal{O}(0; \{2^2, 24, 36, 72\})$	96
72	$\mathcal{O}(0; \{2^2, 18, 72^2\})$	72
72	$\mathcal{O}(0; \{36^2, 72^2\})$	2592
72	$\mathcal{O}(0; \{24, 72^3\})$	2304
75	$\mathcal{O}(0; \{15, 25^2, 75\})$	2400
75	$\mathcal{O}(0; \{15^2, 75^2\})$	1920
77	$\mathcal{O}(0; \{11^2, 77^2\})$	5460
78	$\mathcal{O}(0; \{2, 3^2, 26, 39\})$	24
78	$\mathcal{O}(0; \{2^2, 6, 26, 39\})$	24
78	$\mathcal{O}(0; \{6, 39^2, 78\})$	792
78	$\mathcal{O}(0; \{6, 26, 78^2\})$	264
80	$\mathcal{O}(0; \{10, 16^2, 20\})$	64
80	$\mathcal{O}(0; \{2^2, 5, 16, 80\})$	32
80	$\mathcal{O}(0; \{10^2, 16, 80\})$	96
80	$\mathcal{O}(0; \{2^2, 4, 80^2\})$	64
80	$\mathcal{O}(0; \{8^2, 80^2\})$	512
80	$\mathcal{O}(0; \{5, 20, 80^2\})$	832
84	$\mathcal{O}(0; \{7, 12^2, 21\})$	24
84	$\mathcal{O}(0; \{6, 12, 14, 28\})$	24
84	$\mathcal{O}(0; \{4, 21, 28, 42\})$	120
84	$\mathcal{O}(0; \{4, 21^2, 84\})$	120
84	$\mathcal{O}(0; \{6, 7, 28, 84\})$	120
84	$\mathcal{O}(0; \{4, 14, 42, 84\})$	120
84	$\mathcal{O}(0; \{2^2, 3, 84^2\})$	24
84	$\mathcal{O}(0; \{6^2, 84^2\})$	72
84	$\mathcal{O}(0; \{4, 12, 84^2\})$	96
87	$\mathcal{O}(0; \{3, 29^2, 87\})$	1512
88	$\mathcal{O}(0; \{8^2, 11^2\})$	40
88	$\mathcal{O}(0; \{4, 8, 22, 88\})$	80
90	$\mathcal{O}(0; \{5, 9, 10, 18\})$	24
90	$\mathcal{O}(0; \{5^2, 18, 90\})$	72
90	$\mathcal{O}(0; \{3, 15, 18, 90\})$	96
90	$\mathcal{O}(0; \{3, 10, 45, 90\})$	144
90	$\mathcal{O}(0; \{3, 9, 90^2\})$	144
92	$\mathcal{O}(1; \{4^2\})$	16896
94	$\mathcal{O}(0; \{2^3, 47, 94\})$	46
94	$\mathcal{O}(0; \{2, 94^3\})$	2070
96	$\mathcal{O}(0; \{3, 6, 32^2\})$	32
96	$\mathcal{O}(0; \{2, 32, 48, 96\})$	256

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
96	$\mathcal{O}(0; \{2, 24, 96^2\})$	128
98	$\mathcal{O}(0; \{2, 14, 98^2\})$	252
100	$\mathcal{O}(0; \{2, 10, 100^2\})$	160
104	$\mathcal{O}(0; \{2, 8, 26, 104\})$	48
105	$\mathcal{O}(0; \{3, 5, 7, 105\})$	48
105	$\mathcal{O}(0; \{3^2, 105^2\})$	144
112	$\mathcal{O}(0; \{2, 4, 112^2\})$	96
120	$\mathcal{O}(0; \{2, 3, 120^2\})$	32
138	$\mathcal{O}(1; \{2^2\})$	16896
140	$\mathcal{O}(0; \{2^2, 140^2\})$	48
141	$\mathcal{O}(0; \{141^3\})$	4140
142	$\mathcal{O}(0; \{2^2, 71^2\})$	70
142	$\mathcal{O}(0; \{71, 142^2\})$	4830
144	$\mathcal{O}(0; \{48, 72, 144\})$	384
144	$\mathcal{O}(0; \{36, 144^2\})$	288
145	$\mathcal{O}(0; \{29, 145^2\})$	3024
147	$\mathcal{O}(0; \{21, 147^2\})$	504
150	$\mathcal{O}(0; \{25, 30, 150\})$	160
150	$\mathcal{O}(0; \{15, 150^2\})$	160
154	$\mathcal{O}(0; \{11, 154^2\})$	540
156	$\mathcal{O}(0; \{12, 52, 78\})$	48
156	$\mathcal{O}(0; \{12, 39, 156\})$	48
160	$\mathcal{O}(0; \{10, 32, 160\})$	64
160	$\mathcal{O}(0; \{8, 160^2\})$	256
165	$\mathcal{O}(0; \{11, 15, 165\})$	80
168	$\mathcal{O}(0; \{8, 21, 168\})$	48
168	$\mathcal{O}(0; \{6, 168^2\})$	48
174	$\mathcal{O}(0; \{6, 29, 174\})$	56
175	$\mathcal{O}(0; \{5, 175^2\})$	480
180	$\mathcal{O}(0; \{5, 36, 180\})$	48
188	$\mathcal{O}(0; \{4, 94, 188\})$	92
210	$\mathcal{O}(0; \{3, 210^2\})$	48
213	$\mathcal{O}(0; \{3, 71, 213\})$	140
280	$\mathcal{O}(0; \{2, 280^2\})$	96
282	$\mathcal{O}(0; \{2, 141, 282\})$	92