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<u>k</u>	<u>n</u>	<u>D</u>	<u>Class #</u>	<u>Class group</u>	<u>Generator</u>	<u>Power of gen</u>
0	1	5	1	1		
1	1	5	1	1		
2	5	221	2	$\mathbb{Z}/2$	(5, 11, -5)	
5	13	1517	2	$\mathbb{Z}/2$	(13, 29, -13)	
34	<sup>55</sup> 89	71285	16	$\mathbb{Z}/2 \oplus \mathbb{Z}/8$ a b	(5, 265, -53), (-71, 143, 179)	$-4$ b
89	<sup>144</sup> 233	488597	24	$\mathbb{Z}/2 \oplus \mathbb{Z}/12$ a b	(-17, 697, 4), (-371, 299, 269)	$a b^6$
610	<sup>987</sup> 1597	22953677	78	$\mathbb{Z}/78$	(53, 4785, -271)	$-39$ a
1597	<sup>3262</sup> <sup>919</sup> <sup>2584</sup> 4181	157326845	456	$\mathbb{Z}/2 + \mathbb{Z}/2 + \mathbb{Z}/114$ a b c	(-965, 10615, 11567) (-5579, 5647, 5621) (11, 12525, -10255)	$-57$ c
10946	28657	7391012837	1056	$\mathbb{Z}/2 + \mathbb{Z}/2 + \mathbb{Z}/2 + \mathbb{Z}/132$ a b c d	(26681, 72921, -19429) (-29569, 67119, 24401) (13, 85969, -6613) (-35039, 54269, 31721)	
	<sup>17711</sup>					

$$28657 \quad 75025 \quad 50658755621 \quad 5824 \quad \mathbb{Z}/8 + \mathbb{Z}/728$$

$$(-44935, 141679, 170147)$$

$$(63325, 172739, -82195)$$

$$196418 \quad 514229 \quad 2379883179965 \quad 39004$$

$$\mathbb{Z}/2 + \mathbb{Z}/19502$$

$$(-5, 1542685, 308537)$$

$$(85, 1542565, -1107061)$$

$$514229 \quad 1346269 \quad 1631196183245 \quad 48800$$

$$\mathbb{Z}/2 + 2\mathbb{Z}/2 + \mathbb{Z}/2 + 2\mathbb{Z}/2 + \mathbb{Z}/3050$$

$$(-1869263, 2590661, 1283987)$$

$$(237577, 3563655, -3801215)$$

$$(-2004907, 2912873, 975997)$$

$$(-629, 4037551, 4031759)$$

$$(1442533, 1783657, -2275603)$$

$$408 \quad 985 \quad 8732021 \quad 188 \quad \mathbb{Z}/188$$

$$(5, 2951, -1181)$$

$$a$$

$$a^{99}$$

