
0 : 119	15 : 2002	30 : 5610	45 : 7854	59 : 9690	73 : 13090	87 : 14430
1 : 238	16 : 2145	31 : 3927	46 : 5565	60 : 6474	74 : 15015	88 : 10318
2 : 390	17 : 2046	32 : 3910	47 : 7770	61 : 10374	75 : 9165	89 : 13195
3 : 510	18 : 2415	33 : 6006	48 : 6783	62 : 10626	76 : 10005	90 : 16302
4 : 570	19 : 3570	34 : 4641	49 : 6545	63 : 7995	77 : 12390	91 : 15834
5 : 910	20 : 3003	35 : 6270	50 : 8778	64 : 8547	78 : 13566	92 : 10070
6 : 858	21 : 2926	36 : 4270	51 : 6578	65 : 8265	79 : 13398	93 : 11445
7 : 897	22 : 3135	37 : 5005	52 : 8970	66 : 8295	80 : 14630	94 : 17710
8 : 1190	23 : 3990	38 : 6630	53 : 9282	67 : 11310	81 : 11165	95 : 15990
9 : 1365	24 : 3255	39 : 6510	54 : 8610	68 : 9177	82 : 15470	96 : 12903
10 : 1326	25 : 2670	40 : 5313	55 : 7735	69 : 12090	83 : 11067	97 : 16422
11 : 1518	26 : 4290	41 : 5187	56 : 10010	70 : 8745	84 : 10846	98 : 16530
12 : 2310	27 : 3315	42 : 6045	57 : 9030	71 : 8835	85 : 14586	99 : 19635
13 : 1870	28 : 4830	43 : 7590	58 : 7395	72 : 12558	86 : 14790	100 : 15810
14 : 2730	29 : 3198	44 : 4758				

Table 1: Maximum squarefree f such that $\Gamma_0(f)^+$ has genus g for $0 \leq g \leq 100$.

C Cummins: Congruence Subgroups of Genus 0 and 1

I	N	L	E	T	C	S	I	N	L	E	T	C	S	
$1A_1^0$	1-	1	$1A_1^0$	1	$3^1 2^1$	1^1	$8H_1^0$	24	$2B_1^0$	3	$4J_2^0 8M_2^0$	$8^2 2^4$	$4E_1^0 8D_1^0 8E_1^0$	
$2A_1^0$	2	$1A_1^0$	1	3^2	2^1	$1A_1^0$	$8I_1^0$	24	$4C_1^0$	6	$4K_2^0$	2^4	$8^2 4^2$	$4F_1^0 8C_1^0 8E_1^0$
$2B_1^0$	2-	3	$2B_1^0$	3	$1B_2^0$	2^1	$8J_1^0$	24	$4E_1^0$	12	$8L_2^0 8U_2^0 8V_2^0$	$8^1 4^3 2^2$	$4E_1^0$	
$2C_1^0$	6	$1A_1^0$	1	$2D_2^0$	2^3	$2A_1^0 2B_1^0$	$8K_1^0$	24	$8D_1^0$	12	$8U_2^0$	$8^2 4^1 2^1 1^2$	$8D_1^0$	
$3A_1^0$	3	$1A_1^0$	1	2^3	3^1	$1A_1^0$	$8L_1^0$	24	$4F_1^0$	12	$8W_2^0$	2^2	$8^1 4^4$	$4F_1^0$
$3B_1^0$	3-	4	$3B_1^0$	4	$1B_3^0$	3^1	$8M_1^0$	24	$8C_1^0$	12	$8N_2^0$	2^4	$8^2 4^2$	$8C_1^0$
$3C_1^0$	6	$3A_1^0$	3	2^2	3^2	$3A_1^0$	$8N_1^0$	32	$8G_1^0$	16	$3^2 2^4$	8^4	$8A_1^0 8G_1^0$	
$3D_1^0$	12	$1A_1^0$	1	$3D_3^0$	3^4	$3B_1^0 3C_1^0$	$8O_1^0$	32	$8G_1^0$	16	$3^2 2^4$	8^4	$8B_1^0 8G_1^0$	
$4A_1^0$	4	$4A_1^0$	4	$3^1 2^2$	4^1	$1A_1^0$	$8P_1^0$	48	$2B_1^0$	3	$8Y_2^0 8Z_2^0$	$8^2 4^8$	$4C_1^0 8J_1^0 8L_1^0$	
$4B_1^0$	4-	6	$2B_1^0$	3	$2D_2^0$	$4^1 1^2$	$8Q_1^0$	48	$4B_1^0$	6	$8Z_2^0 8AB_2^0$	$8^4 4^2 2^4$	$8H_1^0 8I_1^0 8K_1^0$	
$4C_1^0$	6	$2B_1^0$	3	$2C_2^0$	$4^1 2^1$	$2B_1^0$	$8R_1^0$	48	$8C_1^0$	12	$8AA_2^0$	2^4	$8^4 4^4$	$8I_1^0 8M_1^0$
$4D_1^0$	8	$4A_1^0$	4	3^2	4^2	$2A_1^0 4A_1^0$	$9A_1^0$	9	$9A_1^0$	9	2^5	9^1	$3A_1^0$	
$4E_1^0$	12	$2B_1^0$	3	$2F_2^0 4F_2^0$	$4^2 2^2$	$2C_1^0 4B_1^0 4C_1^0$	$9B_1^0$	9-	12	$3B_1^0$	4	$3D_3^0$	$9^1 1^3$	
$4F_1^0$	12	$4C_1^0$	6	$4G_2^0$	4^3	$4A_1^0 4C_1^0$	$9C_1^0$	12	$3B_1^0$	4	$3C_3^0$	3^3	$9^1 3^1$	
$4G_1^0$	24	$1A_1^0$	1	$4J_2^0$	4^6	$4D_1^0 4E_1^0 4F_1^0$	$9D_1^0$	18	$3A_1^0$	3	2^6	9^2	$3C_1^0 9A_1^0$	
$5A_1^0$	5	$5A_1^0$	5	$3^2 2^1$	5^1	$1A_1^0$	$9E_1^0$	18	$9E_1^0$	18	2^2	$9^1 3^3$	$3C_1^0$	
$5B_1^0$	5-	6	$5B_1^0$	6	$1B_5^0$	$5^1 1^1$	$9F_1^0$	27	$9F_1^0$	27	2^7	9^3	$9A_1^0$	
$5C_1^0$	10	$5C_1^0$	10	$3^1 2^2$	5^2	$1A_1^0$	$9G_1^0$	27	$9G_1^0$	27	$3^3 2^3$	9^3	$1A_1^0$	
$5D_1^0$	12	$5B_1^0$	6	$5C_5^0$	$5^2 1^2$	$5B_1^0$	$9H_1^0$	36	$3C_1^0$	6	$9F_3^0 9G_3^0$	$9^2 3^6$	$3D_1^0 9E_1^0$	
$5E_1^0$	15	$5A_1^0$	5	2^3	5^3	$5A_1^0$	$9I_1^0$	36	$9B_1^0$	12	$9F_3^0$	$9^3 3^2 1^3$	$9B_1^0$	
$5F_1^0$	20	$5C_1^0$	10	3^2	5^4	$5A_1^0 5C_1^0$	$9J_1^0$	36	$9C_1^0$	12	$9E_3^0$	3^3	$9C_1^0$	
$5G_1^0$	30	$5E_1^0$	15	$5H_5^0$	5^6	$5B_1^0 5C_1^0 5E_1^0$	$10A_1^0$	10	$5A_1^0$	5	3^4	10^1	$2A_1^0 5A_1^0$	
$5H_1^0$	60	$1A_1^0$	1	$5I_5^0$	5^{12}	$5D_1^0 5F_1^0 5G_1^0$	$10B_1^0$	12	$5B_1^0$	6	$10D_5^0$	2^4	$10^1 2^1$	
$6A_1^0$	6	$2A_1^0$	2	3^3	6^1	$2A_1^0$	$10C_1^0$	10-	18	$10C_1^0$	18	$5D_2^0 2C_5^0 1E_{10}^0$	2^2	$10^1 5^1 2^1 1^1$
$6B_1^0$	6	$3A_1^0$	3	2^4	6^1	$3A_1^0$	$10D_1^0$	20	$5C_1^0$	10	$3^2 2^4$	10^2	$5C_1^0$	
$6C_1^0$	8	$3B_1^0$	4	$2D_3^0$	$6^1 2^1$	$2A_1^0 3B_1^0$	$10E_1^0$	30	$10A_1^0$	10	3^6	10^3	$10A_1^0$	
$6D_1^0$	9	$2B_1^0$	3	$3C_2^0$	$6^1 3^1$	$2B_1^0 3A_1^0$	$10F_1^0$	36	$10C_1^0$	18	$5G_2^0 10N_5^0 5C_{10}^0$	$10^2 5^2 2^2 1^2$	$5D_1^0 10C_1^0$	
$6E_1^0$	12	$3A_1^0$	3	2^4	6^2	$3C_1^0 6B_1^0$	$10G_1^0$	36	$10C_1^0$	18	$10D_2^0 10Q_5^0$	2^4	$10^3 2^3$	$10B_1^0 10C_1^0$
$6F_1^0$	6-	12	$6F_1^0$	12	$3F_2^0 2F_3^0 1E_6^0$	$6^1 3^1 2^1 1^1$	$11A_1^0$	11	$11A_1^0$	11	$3^2 2^3$	11^1	$1A_1^0$	
$6G_1^0$	18	$6D_1^0$	9	$3G_2^0$	$6^2 3^2$	$3C_1^0 6D_1^0$	$11B_1^0$	11	$11B_1^0$	11	$3^2 2^3$	11^1	$1A_1^0$	
$6H_1^0$	18	$6D_1^0$	9	$6H_2^0$	6^3	$6B_1^0 6D_1^0$	$12A_1^0$	12	$4A_1^0$	4	2^6	12^1	$3A_1^0 4A_1^0$	
$6I_1^0$	24	$3B_1^0$	4	$6L_2^0 2H_3^0 2K_6^0$	$6^2 3^2$	$2C_1^0 6C_1^0 6F_1^0$	$12B_1^0$	16	$3B_1^0$	4	$12C_3^0$	3^4	$12^1 4^1$	
$6J_1^0$	24	$6C_1^0$	8	$6G_3^0$	6^4	$6A_1^0 6C_1^0$	$12C_1^0$	18	$2B_1^0$	3	$6E_2^0$	2^6	$12^1 6^1$	
$6K_1^0$	36	$2B_1^0$	3	$3I_2^0 6H_3^0 3G_6^0$	$6^4 3^4$	$3D_1^0 6F_1^0 6G_1^0$	$12D_1^0$	18	$6D_1^0$	9	$6H_2^0$	2^4	$12^1 3^2$	
$6L_1^0$	36	$6D_1^0$	9	$6O_2^0$	6^6	$6E_1^0 6G_1^0 6H_1^0$	$12E_1^0$	12-	24	$6F_1^0$	12	$6L_2^0 4G_3^0 2K_6^0$	$12^1 4^1 3^2 1^2$	
$7A_1^0$	7	$7A_1^0$	7	$3^1 2^3$	7^1	$1A_1^0$	$12F_1^0$	24	$12A_1^0$	12	2^8	12^2	$6B_1^0 12A_1^0$	
$7B_1^0$	7	$7B_1^0$	7	$3^1 2^3$	7^1	$1A_1^0$	$12G_1^0$	36	$6D_1^0$	9	$6O_2^0$	2^4	$12^2 3^4$	
$7C_1^0$	7-	8	$7C_1^0$	8	$1B_7^0$	$7^1 1^1$	$12H_1^0$	36	$6D_1^0$	9	$6N_2^0$	2^8	$12^2 6^2$	
$7D_1^0$	14	$7B_1^0$	7	$3^2 2^2$	7^2	$7B_1^0$	$12I_1^0$	48	$6F_1^0$	12	$12G_2^0 12H_2^0$	$12^1 6^4 4^1 2^4$	$6I_1^0$	
$7E_1^0$	14	$7A_1^0$	7	$3^2 2^2$	7^2	$7A_1^0$	$12J_1^0$	48	$12E_1^0$	24	$12F_3^0 12I_6^0$	$12^2 6^1 4^2 3^2 2^1 1^2$	$12E_1^0$	
$7F_1^0$	21	$7F_1^0$	21	2^5	7^3	$7A_1^0 7B_1^0$	$13A_1^0$	13-	14	$13A_1^0$	14	$1B_{13}^0$	$3^2 2^2$	$13^1 1^1$
$7G_1^0$	24	$7C_1^0$	8	$7B_7^0$	$7^3 1^3$	$7C_1^0$	$13B_1^0$	28	$13A_1^0$	14	$13D_{13}^0$	3^4	$13^2 1^2$	
$7H_1^0$	28	$7H_1^0$	28	$3^1 2^4$	7^4	$7A_1^0 7B_1^0$	$13C_1^0$	42	$13A_1^0$	14	$13E_{13}^0$	2^6	$13^3 1^3$	
$7I_1^0$	42	$7A_1^0$	7	2^6	7^6	$7E_1^0 7F_1^0$	$8A_1^0$	8	$4A_1^0$	4	$3^2 2^4$	14^1	$7B_1^0$	
$7J_1^0$	42	$7B_1^0$	7	2^6	7^6	$7D_1^0 7F_1^0$	$14A_1^0$	14	$7B_1^0$	7	$3^2 2^4$	14^1	$7A_1^0$	
$8A_1^0$	8	$4A_1^0$	4	$3^2 2^2$	8^1	$4A_1^0$	$14B_1^0$	14	$7A_1^0$	7	$2D_7^0$	3^4	$2A_1^0 7C_1^0$	
$8B_1^0$	8	$4A_1^0$	4	$3^2 2^2$	8^1	$4A_1^0$	$14C_1^0$	16	$7C_1^0$	8	$14C_7^0$	3^6	$14^3 2^3$	
$8C_1^0$	12	$2B_1^0$	3	$4D_2^0$	$8^1 4^1$	$4C_1^0$	$15A_1^0$	15	$5A_1^0$	5	$3^3 2^3$	15^1	$5A_1^0$	
$8D_1^0$	8-	12	$4B_1^0$	6	$4F_2^0$	$8^1 2^1 1^2$	$14A_1^0$	14	$7B_1^0$	7	$3^2 2^4$	14^1	$7B_1^0$	
$8E_1^0$	12	$4C_1^0$	6	$4G_2^0$	$8^1 2^2$	$4C_1^0$	$14B_1^0$	14	$7A_1^0$	7	$3^2 2^4$	14^1	$7A_1^0$	
$8F_1^0$	16	$4A_1^0$	4	3^4	8^2	$4D_1^0 8A_1^0 8B_1^0$	$14C_1^0$	16	$7C_1^0$	8	$2D_7^0$	3^4	$14^1 2^1$	
$8G_1^0$	16	$8G_1^0$	16	$3^1 2^4$	8^2	$4A_1^0$	$14D_1^0$	48	$14C_1^0$	16	$14C_7^0$	3^6	$14^3 2^3$	

Table 2: The classes of congruence subgroups of genus 0 and 1.

C Cummins: Congruence Subgroups of Genus 0 and 1

	<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>
$8A_2^0$	8	$2B_2^0$	2		4^4	8^1	$4C_2^0$	$12I_2^0$	32	$6M_2^0$	16	$12L_6^0$	2^4	$6^4 2^4$	$6M_2^0$
$8B_2^0$	8	$2E_2^0$	4		2^2	$4^1 2^2$	$2E_2^0$								
$8C_2^0$	8	$2E_2^0$	4		2^2	$4^1 2^2$	$2E_2^0$	$14A_2^0$	14	$7A_2^0$	7		2^9	14^1	$2A_2^0 7A_2^0$
$8D_2^0$	8	$4B_2^0$	4		2^4	4^2	$4B_2^0$	$14B_2^0$	14	$7B_2^0$	7		2^9	14^1	$2A_2^0 7B_2^0$
$8E_2^0$	8	$4B_2^0$	4		2^4	4^2	$4B_2^0$								
$8F_2^0$	8	$4B_2^0$	4		2^6	8^1	$4B_2^0$	$16A_2^0$	16	$4C_2^0$	4		$4^4 2^4$	16^1	$8I_2^0$
$8G_2^0$	8	$4A_2^0$	4		2^6	8^1	$4A_2^0$	$16B_2^0$	16	$8H_2^0$	8		2^{10}	16^1	$8H_2^0$
$8H_2^0$	8	$4B_2^0$	4		2^6	8^1	$4B_2^0$	$16C_2^0$	16	$8G_2^0$	8		2^{10}	16^1	$8G_2^0$
$8I_2^0$	8	$4C_2^0$	4		$4^2 2^3$	8^1	$4C_2^0$	$16D_2^0$	32	$2A_2^0$	2		2^{16}	16^2	$8K_2^0 16B_2^0 16C_2^0$
$8J_2^0$	16	$1A_2^0$	1	$16C_1^0$	2^8	8^2	$4D_2^0 8F_2^0 8I_2^0$	$16E_2^0$	32	$2D_2^0$	4	$16H_1^0 32A_1^0$		$16^1 8^1 1^8$	$8M_2^0$
$8K_2^0$	16	$2A_2^0$	2		2^8	8^2	$4E_2^0 8G_2^0 8H_2^0$								
$8L_2^0$	16	$2E_2^0$	4	$8J_1^0$		$4^2 2^4$	$2F_2^0 8B_2^0 8C_2^0$	$18A_2^0$	18	$9A_2^0$	9		$4^6 2^2$	18^1	$6B_2^0 9A_2^0$
$8M_2^0$	16	$2D_2^0$	4	$8H_1^0 16D_1^0$		$8^1 4^1 1^4$	$4F_2^0$	$18B_2^0$	18	$9A_2^0$	9		$4^6 2^2$	18^1	$6C_2^0 9A_2^0$
$8N_2^0$	16	$4B_2^0$	4	$8M_1^0$	2^4	4^4	$4D_2^0 8D_2^0 8E_2^0$	$18C_2^0$	36	$3A_2^0$	3		4^{12}	18^2	$6G_2^0 9C_2^0 18A_2^0$
$8O_2^0$	16	$2E_2^0$	4		2^4	4^4	$4E_2^0 8B_2^0 8C_2^0$								$18B_2^0$
$8P_2^0$	16	$4B_2^0$	4		2^4	4^4	$4E_2^0 8D_2^0 8E_2^0$								
$8Q_2^0$	16	$4B_2^0$	4		2^8	8^2	$8E_2^0 8F_2^0 8H_2^0$	$20A_2^0$	20	$5A_2^0$	5		2^{12}	20^1	$4A_2^0 10A_2^0$
$8R_2^0$	16	$4B_2^0$	4		2^8	8^2	$8D_2^0 8F_2^0 8H_2^0$								
$8S_2^0$	16	$4A_2^0$	4		2^8	8^2	$4H_2^0 8G_2^0$	$24A_2^0$	24	$12B_2^0$	12		2^{14}	24^1	$8F_2^0 12B_2^0$
$8T_2^0$	16	$4C_2^0$	4		$4^4 2^2$	8^2	$4I_2^0 8A_2^0 8I_2^0$	$24B_2^0$	24	$12C_2^0$	12		$4^2 2^{11}$	24^1	$8I_2^0 12C_2^0$
$8U_2^0$	16	$4F_2^0$	8	$8J_1^0 8K_1^0$		$4^3 2^1 1^2$	$4F_2^0$	$24C_2^0$	48	$1A_2^0$	1	$48A_1^0$	2^{24}	24^2	$8J_2^0 12E_2^0 24A_2^0$
$8V_2^0$	16	$4E_2^0$	8	$8J_1^0 16E_1^0$		$8^1 2^3 1^2$	$4F_2^0$								$24B_2^0$
$8W_2^0$	16	$4C_2^0$	8	$8L_1^0 16F_1^0$	2^2	$8^1 2^4$	$4G_2^0$								
$8X_2^0$	16	$4I_2^0$	8		$4^2 2^1$	4^4	$4I_2^0$								
$8Y_2^0$	32	$1B_2^0$	2	$8P_1^0 16H_1^0$		$8^2 2^8$	$4J_2^0 8V_2^0 8W_2^0$	$1A_3^0$	3+	1	$1A_3^0$	1		$6^1 2^1$	1^1
$8Z_2^0$	32	$2D_2^0$	4	$8P_1^0 8Q_1^0$		$4^6 2^4$	$4J_2^0 8L_2^0 8U_2^0$	$1B_3^0$	3-	2	$1A_3^0$	1	$3B_1^0$	3^1	1^2
$8AA_2^0$	32	$4C_2^0$	4	$8R_1^0$	2^4	4^8	$4K_2^0 8N_2^0 8X_2^0$								
$8AB_2^0$	32	$4F_2^0$	8	$8Q_1^0 16I_1^0$		$8^2 4^2 2^2 1^4$	$8M_2^0 8U_2^0 8V_2^0$								
$8AC_2^0$	32	$4E_2^0$	8		2^4	4^8	$4L_2^0 8O_2^0 8P_2^0$								
$9A_2^0$	9	$9A_2^0$	9		$4^3 2^2$	9^1	$3A_2^0$								
$9B_2^0$	18+2	$12 9B_2^0$	12	$3E_6^0$	2^2	$9^1 1^3$	$3B_2^0$								
$9C_2^0$	18	$3A_2^0$	3		4^6	9^2	$3E_2^0 9A_2^0$								
$9D_2^0$	18	$9D_2^0$	18		2^5	$9^1 3^3$	$3D_2^0$								
$9E_2^0$	18-	$24 3B_2^0$	4	$18F_1^0 6H_3^0 3G_6^0$		$9^2 1^6$	$3F_2^0 9B_2^0$								
$9F_2^0$	36	$3D_2^0$	6	$9C_6^0$	2^6	$9^2 3^6$	$3H_2^0 9D_2^0$								
$9G_2^0$	36	$9B_2^0$	12	$9C_6^0$	2^6	$9^3 3^2 1^3$	$9B_2^0$								
$10A_2^0$	10	$5A_2^0$	5		2^7	10^1	$2A_2^0 5A_2^0$								
$10B_2^0$	12	$5B_2^0$	6	$2F_{10}^0$	4^4	$10^1 2^1$	$2B_2^0 5B_2^0$								
$10C_2^0$	20	$5C_2^0$	10		2^{10}	10^2	$2A_2^0 5C_2^0$								
$10D_2^0$	24	$5D_2^0$	12	$10G_1^0 20A_1^0$ $10Q_3^0 20E_5^0$	2^4	$10^1 5^2 2^1 1^2$	$5D_2^0$								
$10E_2^0$	24	$10B_2^0$	12	$10J_{10}^0$	$4^4 2^2$	$10^2 2^2$	$10B_2^0$								
$12A_2^0$	12	$3A_2^0$	3		2^8	12^1	$6A_2^0$								
$12B_2^0$	12	$6A_2^0$	6		2^8	12^1	$4B_2^0 6A_2^0$								
$12C_2^0$	12	$6C_2^0$	6		$4^2 2^5$	12^1	$4C_2^0 6C_2^0$								
$12D_2^0$	16	$3B_2^0$	4	$4E_6^0$	2^8	$12^1 4^1$	$4A_2^0 6D_2^0$								
$12E_2^0$	24	$1A_2^0$	1	$24A_1^0$	2^{12}	12^2	$4D_2^0 6E_2^0 12B_2^0$								
$12F_2^0$	24	$6A_2^0$	6		2^{12}	12^2	$6J_2^0 12A_2^0 12B_2^0$								
$12G_2^0$	32	$3F_2^0$	8	$12I_1^0 24B_1^0$ $12P_3^0 24C_3^0$		$12^1 4^1 3^4 1^4$	$6L_2^0$								
$12H_2^0$	32	$6L_2^0$	16	$12I_6^0$ $12J_1^0 12J_1^0$ $12P_3^0 12Q_3^0$ $12J_6^0$		$6^3 3^2 2^3 1^2$	$6L_2^0$								
$12I_2^0$	4	$4A_3^0$	4					$4A_3^0$	4	$4A_3^0$	4		$6^1 2^3$	4^1	$1A_3^0$
$12J_2^0$	12+3	$6 2C_3^0$	3					$4B_3^0$	12	$2C_3^0$	3	$2H_6^0$	2^2	$4^1 1^2$	$2C_3^0$
$12K_2^0$	6	$2C_3^0$	3					$4C_3^0$	6	$2C_3^0$	3	$2G_6^0$	2^2	$4^1 1^2$	$2C_3^0$
$12L_2^0$	6	$2C_3^0$	3					$4D_3^0$	6	$2C_3^0$	3	$2F_6^0$	2^4	$4^1 2^1$	$2C_3^0$
$12M_2^0$	8	$4A_3^0$	4					$4E_3^0$	8	$4A_3^0$	4		$3^1 2^4$	4^2	$2A_3^0 4A_3^0$
$12N_2^0$	8	$4A_3^0$	4					$4F_3^0$	8	$4A_3^0$	4		$6^2 2^2$	4^2	$2B_3^0 4A_3^0$
$12O_2^0$	12-	$12 2C_3^0$	3	$12E_1^0 6L_2^0 2K_6^0$				$4C_3^0$	12	$2C_3^0$	3			$4^2 1^4$	$2F_3^0 4B_3^0 4C_3^0$
$12P_2^0$	12	$2C_3^0$	3	$2L_6^0 4I_6^0$				$4H_3^0$	12	$2C_3^0$	3		2^4	$4^2 2^2$	$2E_3^0 4C_3^0 4D_3^0$
$12Q_2^0$	12	$2C_3^0$	3					$4I_3^0$	12	$2C_3^0$	3	$2L_6^0$	2^4	$4^2 2^2$	$2C_3^0 4B_3^0 4D_3^0$
$12R_2^0$	12	$4D_3^0$	6					$4J_3^0$	12	$4D_3^0$	6	$4J_6^0$	2^6	4^3	$4A_3^0 4D_3^0$
$12S_2^0$	24	$1A_3^0$	1					$4K_3^0$	24	$1A_3^0$	1	$4M_6^0$	2^8	4^6	$4F_3^0 4H_3^0 4J_3^0$
$12T_2^0$	5	$5A_3^0$	5					$5A_3^0$	5	$5A_3^0$	5		$3^1 2^4$	5^1	$1A_3^0$
$12U_2^0$	10	$5B_3^0$	10					$5B_3^0$	10	$5B_3^0$	10		$6^1 2^5$	5^2	$1A_3^0$
$12V_2^0$	20	$5C_3^0$	10					$5C_3^0$	20	$5B_3^0$	10		$3^1 2^8$	5^4	$5A_3^0 5B_3^0$
$12W_2^0$	6	$1A_3^0$	1					$6A_3^0$	6	$1A_3^0$	1		2^6	6^1	$2A_3^0 3A_3^0$

C Cummins: Congruence Subgroups of Genus 0 and 1

	<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>	
$6B_3^0$	6	$2B_3^0$	2		$6^3 2^1$	6^1	$2B_3^0$	$18A_3^0$	18	$3B_3^0$	3		$3^6 2^6$	18^1	$6C_3^0 9A_3^0$	
$6C_3^0$	6	$3B_3^0$	3		$3^3 2^2$	6^1	$2A_3^0 3B_3^0$									
$6D_3^0$	6	$3B_3^0$	3		$6^2 3^2$	6^1	$2B_3^0 3B_3^0$	$21A_3^0$	16	$7A_3^0$	8	$21B_{21}^0$	$6^2 3^1 2^2$	$7^2 1^2$	$7A_3^0$	
$6E_3^0$	9	$2C_3^0$	3	$3C_6^0$	2^6	$6^1 3^1$	$2C_3^0 3A_3^0$	$21B_3^0$	16	$7A_3^0$	8	$21B_{21}^0$	$6^2 3^1 2^2$	$7^2 1^2$	$7A_3^0$	
$6F_3^0$	12	$1A_3^0$	1	$18C_1^0$	3^6	6^2	$2D_3^0 3C_3^0 6C_3^0$									
$6G_3^0$	12	$2D_3^0$	4	$6J_1^0 18D_1^0$	3^3	$6^1 2^3$	$6D_3^0$ $2D_3^0$	$24A_3^0$	12	$4B_3^0$	6	$12C_6^0$	2^2	$8^1 1^4$	$4B_3^0$	
$6H_3^0$	18–	$18 2F_3^0$	6	$6K_1^0 18F_1^0 3I_2^0$		$6^1 3^1 2^3 1^3$	$2F_3^0 3D_3^0$	$24B_3^0$	12	$4C_3^0$	6	$12D_6^0$	2^2	$8^1 1^4$	$4C_3^0$	
$6I_3^0$	18	$6D_3^0$	6	$9E_2^0 3G_6^0$	$6^3 3^3 2^1$	6^3	$6B_3^0 6D_3^0$	$24C_3^0$	24	$2C_3^0$	3	$24B_1^0 12G_2^0$		$8^2 1^8$	$4G_3^0 24A_3^0 24B_3^0$	
$7A_3^0$	21 + 3	8	$7A_3^0$	8	$1C_{21}^0$	$6^2 2^2$	$7^1 1^1$	$1A_3^0$								
$7B_3^0$	24	$7A_3^0$	8	$7B_{21}^0$	2^8	$7^3 1^3$	$7A_3^0$									
$8A_3^0$	8	$4A_3^0$	4		$6^2 2^4$	8^1	$4A_3^0$									
$8B_3^0$	8	$4A_3^0$	4		$6^2 2^4$	8^1	$4A_3^0$									
$8C_3^0$	12	$4B_3^0$	6	$4I_6^0$	2^4	$8^1 2^1 1^2$	$4B_3^0$	$2A_5^0$	2	$1A_5^0$	1		2^4	2^1	$1A_5^0$	
$8D_3^0$	12	$4D_3^0$	6	$4J_6^0$	2^6	$8^1 2^2$	$4D_3^0$	$2B_5^0$	10 + 5	3	$2B_5^0$	3	$1B_{10}^0$	2^3	$2^1 1^1$	$1A_5^0$
$8E_3^0$	16	$4A_3^0$	4		$6^4 2^4$	8^2	$4F_3^0 8A_3^0 8B_3^0$	$2C_5^0$	10–	6	$2B_5^0$	3	$10C_1^0 5D_2^0 1E_{10}^0$	2^2	$2^2 1^2$	$1B_5^0 2B_5^0$
$8F_3^0$	24	$2C_3^0$	3	$4M_6^0$	2^8	$8^2 2^4$	$4I_3^0 8C_3^0 8D_3^0$	$2D_5^0$	6	$2B_5^0$	3	$2C_{10}^0$	2^4	2^3	$2A_5^0 2B_5^0$	
$9A_3^0$	9	$3B_3^0$	3		$3^3 2^4$	9^1	$3B_3^0$	$3A_5^0$	3	$3A_5^0$	3		2^5	3^1	$1A_5^0$	
$9B_3^0$	9	$3B_3^0$	3		$6^3 2^3$	9^1	$3B_3^0$	$3B_5^0$	15 + 5	4	$3B_5^0$	4	$1B_{15}^0$	2^4	$3^1 1^1$	$1A_5^0$
$9C_3^0$	9	$9C_3^0$	9		2^4	3^3	$3A_3^0$	$3C_5^0$	6	$1A_5^0$	1	$15C_1^0$	2^6	3^2	$1B_5^0 3A_5^0$	
$9D_3^0$	9	$9D_3^0$	9		$6^1 3^1 2^1$	3^3	$3B_3^0$	$3D_5^0$	6	$3A_5^0$	3		2^6	3^2	$3A_5^0$	
$9E_3^0$	18	$3B_3^0$	3	$9J_1^0$	3^3	3^6	$3C_3^0 9D_3^0$	$4A_5^0$	4	$4A_5^0$	4		2^6	4^1	$1A_5^0$	
$9F_3^0$	18	$3D_3^0$	6	$9H_1^0 9I_1^0$		$3^5 1^3$	$3D_3^0$	$4B_5^0$	6	$2B_5^0$	3	$2C_{10}^0$	2^4	$4^1 1^2$	$2B_5^0$	
$9G_3^0$	18	$3D_3^0$	6	$9H_1^0 27A_1^0$		$9^1 3^1 1^6$	$3D_3^0$	$4C_5^0$	6	$2B_5^0$	3	$2D_{10}^0$	2^6	$4^1 2^1$	$2B_5^0$	
$9H_3^0$	27	$9D_3^0$	9		2^4	3^9	$3E_3^0 9C_3^0 9D_3^0$	$4D_5^0$	8	$4A_5^0$	4		2^8	4^2	$2A_5^0 4A_5^0$	
$10A_3^0$	10	$5A_3^0$	5		$3^2 2^6$	10^1	$2A_3^0 5A_3^0$	$4E_5^0$	12	$2B_5^0$	3	$2I_{10}^0$	2^8	$4^2 2^2$	$2D_5^0 4B_5^0 4C_5^0$	
$12A_3^0$	4	$2A_3^0$	2		$3^2 2^2$	4^1	$2A_3^0$	$5A_5^0$	2	$1A_5^0$	1		2^2	1^2	$1A_5^0$	
$12B_3^0$	4	$2B_3^0$	2		$6^2 3^1$	4^1	$2B_3^0$	$5B_5^0$	2	$1A_5^0$	1		2^2	1^2	$1A_5^0$	
$12C_3^0$	8	$1A_3^0$	1	$12B_1^0$	3^4	4^2	$2D_3^0 12A_3^0 12B_3^0$	$5C_5^0$	4	$1A_5^0$	1	$5D_1^0$		1^4	$1B_5^0 5A_5^0 5B_5^0$	
$12D_3^0$	12	$2B_3^0$	2		6^6	12^1	$6B_3^0 12B_3^0$	$5D_5^0$	5	$5D_5^0$	5		2^7	5^1	$1A_5^0$	
$12E_3^0$	12	$4A_3^0$	4		2^{10}	12^1	$3A_3^0 4A_3^0$	$5E_5^0$	5	$5E_5^0$	5		2^7	5^1	$1A_5^0$	
$12F_3^0$	12	$2G_3^0$	6	$12D_6^0$	2^2	$4^1 2^4$	$2G_3^0$	$5F_5^0$	10	$1A_5^0$	1		2^{10}	5^2	$5B_5^0 5E_5^0$	
$12G_3^0$	12	$2E_3^0$	6	$12A_6^0 12B_6^0$	2^2	$4^1 2^4$	$2E_3^0$	$5G_5^0$	10	$1A_5^0$	1		2^{10}	5^2	$5A_5^0 5D_5^0$	
$12H_3^0$	12	$4B_3^0$	6	$12C_6^0$	2^2	$4^2 2^1 1^2$	$4B_3^0$	$5H_5^0$	25–	10	$5G_1^0 25A_1^0$	2^2	$5^1 1^5$	$1B_5^0$		
$12I_3^0$	12	$4B_3^0$	6	$12B_6^0$	2^2	$4^2 2^1 1^2$	$4B_3^0$	$5I_5^0$	20	$1B_5^0$	2	$5H_1^0 25B_1^0$	$5^2 1^{10}$	$5C_5^0 5H_5^0$		
$12J_3^0$	12	$6C_3^0$	6		$3^6 2^2$	12^1	$6C_3^0 12A_3^0$	$6A_5^0$	6	$3A_5^0$	3		2^8	6^1	$3A_5^0$	
$12K_3^0$	12	$6D_3^0$	6		$6^2 3^5$	12^1	$6D_3^0 12B_3^0$	$6B_5^0$	8	$3B_5^0$	4	$2D_{15}^0$	2^8	$6^1 2^1$	$2A_5^0 3B_5^0$	
$12L_3^0$	16	$4E_3^0$	8		$3^2 2^4$	4^4	$4E_3^0 12A_3^0$	$8A_5^0$	12	$2B_5^0$	3	$4D_{10}^0$	2^{12}	$8^1 4^1$	$4C_5^0$	
$12M_3^0$	16	$4F_3^0$	8		$6^2 3^1 2^2$	4^4	$4F_3^0 12B_3^0$									
$12N_3^0$	18	$2C_3^0$	3	$6F_6^0$	2^{12}	$12^1 6^1$	$4D_3^0 6E_3^0$	$10A_5^0$	2	$1A_5^0$	1		2^4	2^1	$1A_5^0$	
$12O_3^0$	24	$1A_3^0$	1	$36A_1^0$	3^{12}	12^2	$6F_3^0 12C_3^0 12J_3^0$	$10B_5^0$	2	$1A_5^0$	1		2^4	2^1	$1A_5^0$	
$12P_3^0$	24	$2C_3^0$	3	$12I_1^0 12G_2^0$		$4^2 2^8$	$2H_3^0 12F_3^0 12G_3^0$	$10C_5^0$	4	$1A_5^0$	1		2^4	2^2	$2A_5^0 5A_5^0 10B_5^0$	
$12Q_3^0$	24	$4B_3^0$	6	$12J_1^0 12H_2^0$		$4^4 2^2 1^4$	$4G_3^0 12H_3^0 12I_3^0$	$10D_5^0$	4	$1A_5^0$	1	$10B_1^0$	2^4	2^2	$1B_5^0 10A_5^0 10B_5^0$	
$12R_3^0$	24	$4B_3^0$	6	$12J_6^0$	2^4	$4^4 2^4$	$4I_3^0 12H_3^0 12I_3^0$	$10E_5^0$	4	$1A_5^0$	1		2^4	2^2	$2A_5^0 5B_5^0 10A_5^0$	
$12S_3^0$	24	$2E_3^0$	6	$12M_6^0 12N_6^0$	2^4	$4^4 2^4$	$4H_3^0 12G_3^0$	$10F_5^0$	6	$2B_5^0$	3	$5A_{10}^0$	2^2	$2^2 1^2$	$2B_5^0 5A_5^0$	
$15A_3^0$	15	$5A_3^0$	5		2^{12}	15^1	$3A_3^0 5A_3^0$	$10G_5^0$	6	$2B_5^0$	3	$5A_{10}^0$	2^2	$2^2 1^2$	$2B_5^0 5B_5^0$	
								$10H_5^0$	6	$2B_5^0$	3	$10B_{10}^0$	2^4	2^3	$2B_5^0 10A_5^0$	
								$10I_5^0$	6	$2B_5^0$	3	$10A_{10}^0$	2^4	2^3	$2B_5^0 10B_5^0$	
								$10J_5^0$	10	$5E_5^0$	5		2^{12}	10^1	$2A_5^0 5E_5^0$	
								$10K_5^0$	10	$5E_5^0$	5		2^{12}	10^1	$5E_5^0 10A_5^0$	
								$10L_5^0$	10	$5D_5^0$	5		2^{12}	10^1	$2A_5^0 5D_5^0$	
								$10M_5^0$	10	$5D_5^0$	5		2^{12}	10^1	$5D_5^0 10B_5^0$	

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	<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>
$10N_5^0$	12	$2B_5^0$	3	$10F_1^0 5G_2^0 5C_{10}^0$		$2^4 1^4$	$2C_5^0 5C_5^0 10F_5^0$	$2M_6^0$	8	$2A_6^0$	2	$6M_2^0$	2^4	2^4	$2E_6^0 2I_6^0 2J_6^0$
$10O_5^0$	12	$2B_5^0$	3	$10F_{10}^0$	2^4	2^6	$2D_5^0 10C_5^0 10F_5^0$	$2N_6^0$	8	$2A_6^0$	2		2^4	2^4	$2D_6^0 2I_6^0 2J_6^0$
$10P_5^0$	12	$2B_5^0$	3	$10E_{10}^0$	2^4	2^6	$2D_5^0 10E_5^0 10G_5^0$	$3A_6^0$	3	$3A_6^0$	3		2^5	3^1	$1A_6^0$
$10Q_5^0$	12	$2B_5^0$	3	$10G_{10}^0 10D_2^0$	2^4	2^6	$2C_5^0 10D_5^0 10H_5^0$	$3B_6^0$	3	$3B_6^0$	3	$6E_3^0$	2^5	3^1	$1A_6^0$
$10R_5^0$	20	$1A_5^0$	1	$10G_{10}^0$	2^{20}	10^2	$5G_5^0 10C_5^0 10L_5^0$	$3C_6^0$	6	$1A_6^0$	1		2^6	3^2	$1D_6^0 3B_6^0$
$10S_5^0$	20	$1A_5^0$	1		2^{20}	10^2	$5F_5^0 10E_5^0 10J_5^0$	$3D_6^0$	6	$1A_6^0$	1	$3H_2^0 9B_2^0$	2^2	$3^1 1^3$	$1C_6^0$
							$10M_5^0$	$3E_6^0$	18 + 2	6	$3E_6^0$	6		$3^2 1^3$	$3A_6^0 3B_6^0$
							$10K_5^0$	$3F_6^0$	9	9	$3F_6^0$	9		3^3	$1E_6^0 3E_6^0$
								$3G_6^0$	18 -	12	$1C_6^0$	2	$6K_1^0 18F_1^0 3I_2^0$	$3^2 1^6$	
												$9E_2^0 6H_3^0$			
$15A_5^0$	6	$3A_5^0$	3		2^6	3^2	$3A_5^0$	$4A_6^0$	4	$2A_6^0$	2		2^6	4^1	$2A_6^0$
$15B_5^0$	6	$3A_5^0$	3		2^6	3^2	$3A_5^0$	$4B_6^0$	4	$2A_6^0$	2		2^6	4^1	$2B_6^0$
$15C_5^0$	8	$3B_5^0$	4	$5A_{15}^0$	2^4	$3^2 1^2$	$3B_5^0 5A_5^0$	$4C_6^0$	4	$2B_6^0$	2		2^6	4^1	$2B_6^0$
$15D_5^0$	8	$3B_5^0$	4	$5A_{15}^0$	2^4	$3^2 1^2$	$3B_5^0 5B_5^0$	$4D_6^0$	4	$2C_6^0$	2		2^6	4^1	$2C_6^0$
$15E_5^0$	12	$3A_5^0$	3	$15D_1^0$	2^8	3^4	$3C_5^0 15A_5^0 15B_5^0$	$4E_6^0$	8	$1A_6^0$	1	$12D_2^0$	2^8	4^2	$2E_6^0 4A_6^0 4D_6^0$
$15F_5^0$	12	$3D_5^0$	6		2^8	3^4	$3D_5^0$	$4F_6^0$	8	$1A_6^0$	1		2^8	4^2	$2D_6^0 4B_6^0 4C_6^0$
$15G_5^0$	16	$15D_5^0$	8	$15A_{15}^0$	2^4	$3^4 1^4$	$15D_5^0$	$4G_6^0$	8	$2A_6^0$	2		2^8	4^2	$2J_6^0 4A_6^0 4B_6^0$
$15H_5^0$	16	$15C_5^0$	8	$15A_{15}^0$	2^4	$3^4 1^4$	$15C_5^0$	$4H_6^0$	8	$2A_6^0$	2		2^8	4^2	$2I_6^0 4A_6^0 4B_6^0$
								$4I_6^0$	8	$2H_6^0$	4	$4H_3^0 8C_3^0$	2^4	$4^1 2^1 1^2$	$2H_6^0$
								$4J_6^0$	8	$2F_6^0$	4	$4J_3^0 8D_3^0$	2^6	$4^1 2^2$	$2F_6^0$
$20A_5^0$	6	$2B_5^0$	3	$10B_{10}^0$	2^4	$4^1 1^2$	$2B_5^0$	$4K_6^0$	8	$4D_6^0$	4		2^8	4^2	$4D_6^0$
$20B_5^0$	6	$2B_5^0$	3	$10A_{10}^0$	2^4	$4^1 1^2$	$2B_5^0$	$4L_6^0$	8	$4C_6^0$	4		2^8	4^2	$4C_6^0$
$20C_5^0$	8	$4A_5^0$	4		2^8	4^2	$4A_5^0 10B_5^0$	$4M_6^0$	16	$1D_6^0$	2	$4K_3^0 8F_3^0$	2^8	$4^2 2^4$	$2L_6^0 4I_6^0 4J_6^0$
$20D_5^0$	8	$4A_5^0$	4		2^8	4^2	$4A_5^0 10A_5^0$								
$20E_5^0$	12	$2B_5^0$	3	$20A_1^0 10D_2^0$	2^4	$4^2 1^4$	$2C_5^0 20A_5^0 20B_5^0$						2^7	5^1	$1A_6^0$
				$10G_{10}^0$				$5B_6^0$	10	$5B_6^0$	10		2^{10}	5^2	$1A_6^0$
$20F_5^0$	12	$2B_5^0$	3	$10E_{10}^0$	2^4	$4^2 1^4$	$4B_5^0 10F_5^0 20A_5^0$								
$20G_5^0$	12	$2B_5^0$	3	$10F_{10}^0$	2^4	$4^2 1^4$	$4B_5^0 10G_5^0 20B_5^0$	$6A_6^0$	6	$3B_6^0$	3		2^8	6^1	$2C_6^0 3B_6^0$
$20H_5^0$	12	$2B_5^0$	3	$10I_{10}^0$	2^8	$4^2 2^2$	$4C_5^0 10H_5^0 20B_5^0$	$6B_6^0$	6	$3A_6^0$	3		2^8	6^1	$2B_6^0 3A_6^0$
$20I_5^0$	12	$2B_5^0$	3	$10I_{10}^0$	2^8	$4^2 2^2$	$4C_5^0 10I_5^0 20A_5^0$	$6C_6^0$	6	$3A_6^0$	3		2^8	6^1	$2A_6^0 3A_6^0$
								$6D_6^0$	6	$3B_6^0$	3		2^8	6^1	$2B_6^0 3B_6^0$
								$6E_6^0$	12	$1A_6^0$	1		2^{12}	6^2	$2D_6^0 3D_6^0 6B_6^0$
$30A_5^0$	6	$3A_5^0$	3		2^8	6^1	$3A_5^0 10B_5^0$	$6F_6^0$	12	$1A_6^0$	1	$12N_3^0$	2^{12}	6^2	$2F_6^0 3C_6^0 6A_6^0$
$30B_5^0$	6	$3A_5^0$	3		2^8	6^1	$3A_5^0 10A_5^0$								$6C_6^0$
$30C_5^0$	12	$1A_5^0$	1	$30A_1^0$	2^{12}	6^2	$3C_5^0 10D_5^0 30A_5^0$								$6D_6^0$
							$30B_5^0$								
$30D_5^0$	12	$3A_5^0$	3		2^{12}	6^2	$6A_5^0 15B_5^0 30A_5^0$						2^{10}	8^1	$4B_6^0$
$30E_5^0$	12	$3A_5^0$	3		2^{12}	6^2	$6A_5^0 15A_5^0 30B_5^0$						2^{10}	8^1	$4A_6^0$
								$8C_6^0$	8	$4A_6^0$	4		2^{10}	8^1	$4A_6^0$
								$8C_6^0$	16	$2A_6^0$	2		2^{16}	8^2	$4H_6^0 8A_6^0 8B_6^0$
$1A_6^0$	6 +	1	$1A_6^0$		2^3	1^1		$9A_6^0$	9	$9A_6^0$	9		2^7	3^3	$3A_6^0$
$1B_6^0$	6 + 6	2	$1A_6^0$		2^2	1^2		$9B_6^0$	9	$9B_6^0$	9		2^7	3^3	$3B_6^0$
$1C_6^0$	6 + 2	2	$1A_6^0$	$3B_2^0$	2^2	1^2		$9C_6^0$	18	$3E_6^0$	6	$9F_2^0 9G_2^0$	2^6	$3^5 1^3$	$3E_6^0$
$1D_6^0$	6 + 3	2	$1A_6^0$	$2C_3^0$	2^2	1^2									
$1E_6^0$	6 -	4	$1A_6^0$	$6F_1^0 3F_2^0 2F_3^0$		1^4	$1B_6^0 1C_6^0 1D_6^0$								
$2A_6^0$	2	$1A_6^0$	1		2^4	2^1	$1A_6^0$	$10A_6^0$	10	$5A_6^0$	5		2^{12}	10^1	$2C_6^0 5A_6^0$
$2B_6^0$	2	$1A_6^0$	1		2^4	2^1	$1A_6^0$								
$2C_6^0$	2	$1A_6^0$	1		2^4	2^1	$1A_6^0$	$12A_6^0$	8	$2H_6^0$	4	$12G_3^0 12H_3^0$	2^2	$2^3 1^2$	$2H_6^0$
$2D_6^0$	4	$1A_6^0$	1		2^4	2^2	$1B_6^0 2A_6^0 2B_6^0$	$12B_6^0$	8	$2H_6^0$	4	$12G_3^0 12I_3^0$	2^2	$2^3 1^2$	$2H_6^0$
$2E_6^0$	4	$1A_6^0$	1	$6D_2^0$	2^4	2^2	$1C_6^0 2A_6^0 2C_6^0$	$12C_6^0$	8	$2H_6^0$	4	$12G_3^0 24A_3^0$	2^2	$4^1 1^4$	$2H_6^0$
$2F_6^0$	4	$1A_6^0$	1	$4D_3^0$	2^4	2^2	$1D_6^0 2B_6^0 2C_6^0$	$12D_6^0$	8	$2G_6^0$	4	$12F_3^0 24B_3^0$	2^2	$4^1 1^4$	$2G_6^0$
$2G_6^0$	4	$1D_6^0$	2	$2G_3^0 4C_3^0$	2^2	$2^1 1^2$	$1D_6^0$	$12E_6^0$	8	$2J_6^0$	4		2^4	2^4	$2J_6^0$
$2H_6^0$	12 + 3	4	$1D_6^0$	$2E_3^0 4B_3^0$	2^2	$2^1 1^2$	$1D_6^0$	$12F_6^0$	8	$2J_6^0$	4		2^4	2^4	$2J_6^0$
$2I_6^0$	4	$2A_6^0$	2		2^4	2^2	$2A_6^0$	$12G_6^0$	12	$6B_6^0$	6		2^{14}	12^1	$4C_6^0 6B_6^0$
$2J_6^0$	4	$2A_6^0$	2		2^4	2^2	$2A_6^0$	$12H_6^0$	12	$6C_6^0$	6		2^{14}	12^1	$4B_6^0 6C_6^0$
$2K_6^0$	12 -	8	$1D_6^0$	$6I_1^0 12E_1^0 6L_2^0$		$2^2 1^4$	$1E_6^0 2G_6^0 2H_6^0$	$12I_6^0$	16	$1D_6^0$	2	$12I_1^0 24B_1^0$		$4^2 1^8$	$2K_6^0 12C_6^0 12D_6^0$
				$2H_3^0 4G_3^0$								$12G_2^0 12P_3^0$			
$2L_6^0$	8	$1D_6^0$	2	$4H_3^0 4I_3^0$	2^4	2^4	$2F_6^0 2G_6^0 2H_6^0$					$24C_3^0$			

C Cummins: Congruence Subgroups of Genus 0 and 1

	<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		
$12J_6^0$	16	$2H_6^0$	4	$12I_1^0 12J_1^0$ $12H_2^0 12P_3^0$ $12Q_3^0$		$2^6 1^4$	$2K_6^0 12A_6^0 12B_6^0$		$2I_{10}^0$	8	$1A_{10}^0$	1	$4E_5^0$	2^8	2^4	$2D_{10}^0 2G_{10}^0$ $2H_{10}^0$	
$12K_6^0$	16	$2J_6^0$	4		2^4	2^8	$2N_6^0 12E_6^0 12F_6^0$		$3A_{10}^0$	3	$3A_{10}^0$	3		$4^1 2^5$	3^1	$1A_{10}^0$	
$12L_6^0$	16	$2J_6^0$	4	$12I_2^0$	2^4	2^8	$2M_6^0 12E_6^0 12F_6^0$		$3B_{10}^0$	6	$1A_{10}^0$	1		2^9	3^2	$1C_{10}^0 3A_{10}^0$	
$12M_6^0$	16	$2H_6^0$	4	$12R_3^0 12S_3^0$	2^4	2^8	$2I_6^0 12A_6^0 12B_6^0$		$3C_{10}^0$	6	$3A_{10}^0$	3		$4^2 2^6$	3^2	$3A_{10}^0$	
$12N_6^0$	16	$2H_6^0$	4	$12S_3^0 24E_3^0$	2^4	$4^2 2^2 1^4$	$4I_6^0 12A_6^0 12C_6^0$		$4A_{10}^0$	4	$1A_{10}^0$	1		2^8	4^1	$2A_{10}^0$	
$12O_6^0$	16	$2H_6^0$	4	$12S_3^0 24D_3^0$	2^4	$4^2 2^2 1^4$	$4I_6^0 12B_6^0 12C_6^0$		$4B_{10}^0$	4	$2A_{10}^0$	2		2^8	4^1	$2A_{10}^0$	
$12P_6^0$	24	$1A_6^0$	1		2^{24}	12^2	$4F_6^0 6E_6^0 12G_6^0$ $12H_6^0$		$4C_{10}^0$	4	$2C_{10}^0$	2		$4^2 2^5$	4^1	$2C_{10}^0$	
									$4D_{10}^0$	8	$1A_{10}^0$	1	$8A_5^0$	2^{12}	4^2	$2D_{10}^0 4B_{10}^0$ $4C_{10}^0$	
$1A_7^0$	7+	$1A_7^0$	1		$3^1 2^2$	1^1			$4E_{10}^0$	8	$2A_{10}^0$	2		2^{12}	4^2	$2H_{10}^0 4A_{10}^0$ $4B_{10}^0$	
$1B_7^0$	7-	$1A_7^0$	1	$7C_1^0$	3^2	1^2											
$2A_7^0$	2	$1A_7^0$	1		$3^2 2^2$	2^1	$1A_7^0$		$5A_{10}^0$	4	$1B_{10}^0$	2	$10F_5^0 10G_5^0$	2^2	1^4	$1B_{10}^0$	
$2B_7^0$	2	$1A_7^0$	1		$3^2 2^2$	2^1	$1A_7^0$		$5B_{10}^0$	4	$1C_{10}^0$	2		2^2	1^4	$1C_{10}^0$	
$2C_7^0$	14+7	3	$2C_7^0$	3	$1B_{14}^0$	2^4	$2^1 1^1$	$1A_7^0$	$5C_{10}^0$	8	$1A_{10}^0$	1	$10F_5^0 5G_5^0 10N_5^0$		1^8	$1E_{10}^0 5A_{10}^0$ $5B_{10}^0$	
$2D_7^0$	4	$1A_7^0$	1	$14C_1^0$	3^4	2^2	$1B_7^0 2A_7^0 2B_7^0$										
$2E_7^0$	6	$1A_7^0$	1	$2D_{14}^0$	2^6	2^3	$2A_7^0 2C_7^0$										
$3A_7^0$	3	$1A_7^0$	1		2^6	3^1	$1A_7^0$		$6A_{10}^0$	6	$3A_{10}^0$	3		2^{11}	6^1	$2A_{10}^0 3A_{10}^0$	
$3B_7^0$	6	$3A_7^0$	3		2^8	3^2	$3A_7^0$		$6B_{10}^0$	6	$3A_{10}^0$	3		$4^2 2^8$	6^1	$2B_{10}^0 3A_{10}^0$	
									$6C_{10}^0$	12	$1A_{10}^0$	1		2^{18}	6^2	$2E_{10}^0 3B_{10}^0$ $6A_{10}^0 6B_{10}^0$	
$4A_7^0$	28+7	6	$2C_7^0$	3	$2D_{14}^0$	2^6	$4^1 1^2$	$2C_7^0$									
$5A_7^0$	5	$5A_7^0$	5		$3^2 2^6$	5^1	$1A_7^0$		$8A_{10}^0$	8	$2C_{10}^0$	2		$4^4 2^8$	8^1	$4C_{10}^0$	
$6A_7^0$	6	$2A_7^0$	2		$3^3 2^6$	6^1	$2A_7^0$		$10A_{10}^0$	4	$1B_{10}^0$	2	$10I_5^0 20B_5^0$	2^4	$2^1 1^2$	$1B_{10}^0$	
$6B_7^0$	9	$2C_7^0$	3	$3B_{14}^0$	2^{12}	$6^1 3^1$	$2C_7^0 3A_7^0$		$10B_{10}^0$	4	$1B_{10}^0$	2	$10H_5^0 20A_5^0$	2^4	$2^1 1^2$	$1B_{10}^0$	
									$10C_{10}^0$	4	$2B_{10}^0$	2		$4^2 2^3$	2^2	$2B_{10}^0$	
$7A_7^0$	3	$7A_7^0$	3		2^2	1^3	$1A_7^0$		$10D_{10}^0$	4	$2B_{10}^0$	2		$4^2 2^3$	2^2	$2B_{10}^0$	
$7B_7^0$	6	$1A_7^0$	1	$7G_1^0$		1^6	$1B_7^0 7A_7^0$		$10E_{10}^0$	8	$1B_{10}^0$	2	$10P_5^0 20F_5^0$	2^4	$2^2 1^4$	$2G_{10}^0 5A_{10}^0$ $10B_{10}^0$	
$14A_7^0$	6	$14A_7^0$	6		$3^3 2^2$	2^3	$2B_7^0$		$10F_{10}^0$	8	$1B_{10}^0$	2	$10O_5^0 20G_5^0$	2^4	$2^2 1^4$	$2G_{10}^0 5A_{10}^0$ $10A_{10}^0$	
$14B_7^0$	9	$14B_7^0$	9	$7C_{14}^0$	2^4	$2^3 1^3$	$2C_7^0 7A_7^0$		$10G_{10}^0$	8	$1B_{10}^0$	2	$10G_1^0 20A_1^0$ $10D_2^0 10Q_5^0$	2^4	$2^2 1^4$	$1E_{10}^0 10A_{10}^0$ $10B_{10}^0$	
$14C_7^0$	12	$2B_7^0$	2	$14D_1^0$	3^6	2^6	$2D_7^0 14A_7^0$										
$28A_7^0$	4	$2B_7^0$	2		$3^4 2^2$	4^1	$2B_7^0$		$10H_{10}^0$	8	$2B_{10}^0$	2		2^8	2^4	$2E_{10}^0 10C_{10}^0$ $10D_{10}^0$	
$28B_7^0$	4	$2A_7^0$	2		$3^4 2^2$	4^1	$2A_7^0$										
$28C_7^0$	8	$1A_7^0$	1	$28A_1^0$	3^8	4^2	$2D_7^0 28A_7^0 28B_7^0$		$10I_{10}^0$	8	$1B_{10}^0$	2	$20H_5^0 20I_5^0$	2^8	2^4	$2D_{10}^0 10A_{10}^0$ $10B_{10}^0$	
$1A_{10}^0$	10+	$1A_{10}^0$	1		$4^1 2^2$	1^1			$10J_{10}^0$	8	$1B_{10}^0$	2	$10E_2^0$	$4^2 2^2$	2^4	$2F_{10}^0 10C_{10}^0$ $10D_{10}^0$	
$1B_{10}^0$	10+5	$2A_{10}^0$	1	$2B_5^0$	2^3	1^2	$1A_{10}^0$										
$1C_{10}^0$	10+10	$2A_{10}^0$	1		2^3	1^2	$1A_{10}^0$		$10K_{10}^0$	8	$2B_{10}^0$	2					
$1D_{10}^0$	10+2	$2A_{10}^0$	1	$5B_2^0$	4^2	1^2	$1A_{10}^0$										
$1E_{10}^0$	10-	$4A_{10}^0$	1	$10C_1^0 5D_2^0 2C_5^0$	2^2	1^4	$1B_{10}^0 1C_{10}^0$ $1D_{10}^0$		$1A_{11}^0$	11+	$1A_{11}^0$	1		2^4	1^1		
$2A_{10}^0$	2	$1A_{10}^0$	1		2^5	2^1	$1A_{10}^0$		$2A_{11}^0$	2	$1A_{11}^0$	1		2^6	2^1	$1A_{11}^0$	
$2B_{10}^0$	2	$1A_{10}^0$	1		$4^2 2^2$	2^1	$1A_{10}^0$		$2B_{11}^0$	22+11	3	$2B_{11}^0$	3	$1B_{22}^0$	2^6	$2^1 1^1$	$1A_{11}^0$
$2C_{10}^0$	2	$1A_{10}^0$	1		$4^2 2^2$	2^1	$1A_{10}^0$										
$2D_{10}^0$	4	$1A_{10}^0$	1	$4C_5^0$	2^6	2^2	$1B_{10}^0 2A_{10}^0$ $2C_{10}^0$		$3A_{11}^0$	33+11	4	$3A_{11}^0$	4	$1B_{33}^0$	2^8	$3^1 1^1$	$1A_{11}^0$
$2E_{10}^0$	4	$1A_{10}^0$	1		2^6	2^2	$1C_{10}^0 2A_{10}^0$ $2B_{10}^0$		$4A_{11}^0$	4	$4A_{11}^0$	4		2^{10}	4^1	$1A_{11}^0$	
$2F_{10}^0$	4	$1A_{10}^0$	1	$10B_2^0$	4^4	2^2	$1D_{10}^0 2B_{10}^0$ $2C_{10}^0$		$4B_{11}^0$	6	$2B_{11}^0$	3	$2C_{22}^0$	2^{12}	$4^1 2^1$	$2B_{11}^0$	
$2G_{10}^0$	4	$1B_{10}^0$	2	$2D_5^0 4B_5^0$	2^4	$2^1 1^2$	$1B_{10}^0$		$11A_{11}^0$	5	$11A_{11}^0$	5		2^4	1^5	$1A_{11}^0$	
$2H_{10}^0$	4	$2A_{10}^0$	2		2^6	2^2	$2A_{10}^0$		$1A_{13}^0$	13+	1	$1A_{13}^0$	1		$3^1 2^3$	1^1	
									$1B_{13}^0$	13-	2	$1A_{13}^0$	1	$13A_1^0$	$3^2 2^2$	1^2	$1A_{13}^0$

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	<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		
$2A_{13}^0$	2	$1A_{13}^0$	1		$3^2 2^4$	2^1	$1A_{13}^0$	$4A_{15}^0$	6	$2C_{15}^0$	3	$2D_{30}^0$	2^{10}	$4^1 1^2$	$2C_{15}^0$		
$3A_{13}^0$	3	$1A_{13}^0$	1			2^9	3^1	$1A_{13}^0$	$5A_{15}^0$	4	$1B_{15}^0$	2	$15C_5^0 15D_5^0$	2^4	1^4	$1B_{15}^0$	
$13A_{13}^0$	2	$1A_{13}^0$	1		$3^2 2^2$	1^2	$1A_{13}^0$	$5B_{15}^0$	4	$1C_{15}^0$	2		2^4	1^4	$1C_{15}^0$		
$13B_{13}^0$	2	$1A_{13}^0$	1		$3^2 2^2$	1^2	$1A_{13}^0$	$15A_{15}^0$	8	$5A_{15}^0$	4	$15G_5^0 15H_5^0$	2^4	1^8	$5A_{15}^0$		
$13C_{13}^0$	3	$13C_{13}^0$	3		2^5	1^3	$1A_{13}^0$	$15B_{15}^0$	8	$5B_{15}^0$	4		2^4	1^8	$5B_{15}^0$		
$13D_{13}^0$	4	$1A_{13}^0$	1	$13B_1^0$	3^4	1^4	$1B_{13}^0 13A_{13}^0$						2^5	1^1			
$13E_{13}^0$	6	$1A_{13}^0$	1	$13C_1^0$	2^6	1^6	$1B_{13}^0 13C_{13}^0$	$1A_{17}^0$	$17+1$	$1A_{17}^0$	1		2^8	2^1	$1A_{17}^0$		
$26A_{13}^0$	2	$1A_{13}^0$	1		$3^2 2^4$	2^1	$1A_{13}^0$	$2A_{17}^0$	2	$1A_{17}^0$	1		2^8	2^1	$1A_{17}^0$		
$26B_{13}^0$	2	$1A_{13}^0$	1		$3^2 2^4$	2^1	$1A_{13}^0$	$17A_{17}^0$	2	$1A_{17}^0$	1		2^6	1^2	$1A_{17}^0$		
$26C_{13}^0$	4	$1A_{13}^0$	1	$26A_1^0$	$3^4 2^4$	2^2	$1B_{13}^0 26A_{13}^0$	$17B_{17}^0$	2	$1A_{17}^0$	1		2^6	1^2	$1A_{17}^0$		
							$26B_{13}^0$	$17C_{17}^0$	4	$17B_{17}^0$	2		2^8	1^4	$17B_{17}^0$		
$26D_{13}^0$	4	$1A_{13}^0$	1		$3^4 2^4$	2^2	$2A_{13}^0 13A_{13}^0$	$17D_{17}^0$	4	$17A_{17}^0$	2		2^8	1^4	$17A_{17}^0$		
$26E_{13}^0$	4	$1A_{13}^0$	1		$3^4 2^4$	2^2	$2A_{13}^0 13B_{13}^0$						$3^1 2^4$	1^1			
							$26B_{13}^0$										
							$26A_{13}^0$										
$1A_{14}^0$	$14+1$	$1A_{14}^0$	1		2^4	1^1		$1A_{19}^0$	$19+1$	$1A_{19}^0$	1		$3^2 2^6$	2^1	$1A_{19}^0$		
$1B_{14}^0$	$14+7$	$2A_{14}^0$	1	$2C_7^0$	2^4	1^2	$1A_{14}^0$	$3A_{19}^0$	3	$1A_{19}^0$	1		2^{12}	3^1	$1A_{19}^0$		
$1C_{14}^0$	$14+14$	$2A_{14}^0$	1		2^4	1^2	$1A_{14}^0$										
								$19A_{19}^0$	3	$19A_{19}^0$	3		$3^3 2^4$	1^3	$1A_{19}^0$		
$2A_{14}^0$	2	$1A_{14}^0$	1		2^6	2^1	$1A_{14}^0$	$1A_{21}^0$	$21+1$	$1A_{21}^0$	1		$6^1 2^3$	1^1			
$2B_{14}^0$	2	$1A_{14}^0$	1		2^6	2^1	$1A_{14}^0$	$1B_{21}^0$	$21+21$	$2A_{21}^0$	1		$3^1 2^4$	1^2	$1A_{21}^0$		
$2C_{14}^0$	4	$1A_{14}^0$	1		2^8	2^2	$1C_{14}^0 2A_{14}^0$	$1C_{21}^0$	$21+3$	$2A_{21}^0$	1	$7A_3^0$	$6^2 2^2$	1^2	$1A_{21}^0$		
							$2B_{14}^0$										
$2D_{14}^0$	$28+7$	$4B_{14}^0$	2	$2E_7^0 4A_7^0$	2^6	$2^1 1^2$	$1B_{14}^0$	$2A_{21}^0$	2	$1A_{21}^0$	1		$3^1 2^6$	2^1	$1A_{21}^0$		
$2E_{14}^0$	4	$2B_{14}^0$	2		2^8	2^2	$2B_{14}^0$	$2B_{21}^0$	2	$1A_{21}^0$	1		$6^2 2^4$	2^1	$1A_{21}^0$		
								$2C_{21}^0$	4	$1A_{21}^0$	1		$3^2 2^8$	2^2	$1B_{21}^0 2A_{21}^0$		
$3A_{14}^0$	3	$3A_{14}^0$	3		2^8	3^1	$1A_{14}^0$										
$3B_{14}^0$	6	$1A_{14}^0$	1	$6B_7^0$	2^{12}	3^2	$1B_{14}^0 3A_{14}^0$	$3A_{21}^0$	3	$1A_{21}^0$	1		2^{10}	3^1	$1A_{21}^0$		
$3C_{14}^0$	6	$3A_{14}^0$	3		2^{12}	3^2	$3A_{14}^0$										
								$6A_{21}^0$	6	$1A_{21}^0$	1		2^{18}	6^1	$2A_{21}^0 3A_{21}^0$		
$4A_{14}^0$	4	$2B_{14}^0$	2		2^{10}	4^1	$2B_{14}^0$	$7A_{21}^0$	3	$7A_{21}^0$	3		2^6	1^3	$1A_{21}^0$		
$4B_{14}^0$	4	$2A_{14}^0$	2		2^{10}	4^1	$2A_{14}^0$	$7B_{21}^0$	6	$1A_{21}^0$	1	$7B_3^0$	2^8	1^6	$1C_{21}^0 7A_{21}^0$		
$4C_{14}^0$	8	$1A_{14}^0$	1		2^{16}	4^2	$2C_{14}^0 4A_{14}^0$										
							$4B_{14}^0$	$21A_{21}^0$	4	$1B_{21}^0$	2		$3^2 2^4$	1^4	$1B_{21}^0$		
$7A_{14}^0$	3	$7A_{14}^0$	3		2^4	1^3	$1A_{14}^0$	$21B_{21}^0$	4	$1C_{21}^0$	2	$21A_3^0 21B_3^0$	$6^2 3^1 2^2$	1^4	$1C_{21}^0$		
$7B_{14}^0$	6	$7A_{14}^0$	3		2^4	1^6	$1C_{14}^0 7A_{14}^0$										
$7C_{14}^0$	6	$7A_{14}^0$	3	$14B_7^0$	2^4	1^6	$1B_{14}^0 7A_{14}^0$										
								$1A_{22}^0$	$22+1$	$1A_{22}^0$	1		2^5	1^1			
$1A_{15}^0$	$15+1$	$1A_{15}^0$	1		2^4	1^1		$1B_{22}^0$	$22+11$	$2A_{22}^0$	1		$2B_{11}^0$	2^6	1^2	$1A_{22}^0$	
$1B_{15}^0$	$15+5$	$2A_{15}^0$	1	$3B_5^0$	2^4	1^2	$1A_{15}^0$										
$1C_{15}^0$	$15+15$	$2A_{15}^0$	1		2^4	1^2	$1A_{15}^0$	$2A_{22}^0$	2	$1A_{22}^0$	1		2^8	2^1	$1A_{22}^0$		
								$2B_{22}^0$	2	$1A_{22}^0$	1		2^8	2^1	$1A_{22}^0$		
$2A_{15}^0$	2	$1A_{15}^0$	1		2^6	2^1	$1A_{15}^0$	$2C_{22}^0$	4	$1A_{22}^0$	1	$4B_{11}^0$	2^{12}	2^2	$1B_{22}^0 2A_{22}^0$		
$2B_{15}^0$	2	$1A_{15}^0$	1		2^6	2^1	$1A_{15}^0$										
$2C_{15}^0$	$30+3, 5, 15$	$3C_{15}^0$	3	$1E_{30}^0$	2^6	2^{11}	$1A_{15}^0$										
$2D_{15}^0$	4	$1A_{15}^0$	1	$6B_5^0$	2^8	2^2	$1B_{15}^0 2A_{15}^0$										
							$2B_{15}^0$	$11A_{22}^0$	5	$11A_{22}^0$	5		2^9	1^5	$1A_{22}^0$		
$2E_{15}^0$	$30+15$	$6C_{15}^0$	3	$1F_{30}^0$	2^8	2^{21}	$1C_{15}^0 2C_{15}^0$										
$2F_{15}^0$	6	$2C_{15}^0$	3	$2D_{30}^0$	2^{10}	2^3	$2B_{15}^0 2C_{15}^0$	$1A_{23}^0$	$23+1$	$1A_{23}^0$	1		2^6	1^1			
								$2A_{23}^0$	46	23	3	$2A_{23}^0$	3	$1B_{36}^0$	2^{12}	$2^1 1^1$	$1A_{23}^0$
$3A_{15}^0$	3	$3A_{15}^0$	3		2^8	3^1	$1A_{15}^0$										
$3B_{15}^0$	6	$1A_{15}^0$	1		2^{12}	3^2	$1C_{15}^0 3A_{15}^0$	$1A_{26}^0$	26	1	$1A_{26}^0$	1		$4^1 2^4$	1^1		

C Cummins: Congruence Subgroups of Genus 0 and 1

	<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		
$1B_{26}^0$	26 + 26	2	$1A_{26}^0$	1		2^7	1^2	$1A_{26}^0$	$1A_{38}^0$	38 + 1	$1A_{38}^0$	1	2^7	1^1			
$2A_{26}^0$		2	$1A_{26}^0$	1		2^9	2^1	$1A_{26}^0$	$2A_{38}^0$		2	$1A_{38}^0$	1	2^{12}	2^1	$1A_{38}^0$	
$2B_{26}^0$		2	$1A_{26}^0$	1		$4^2 2^6$	2^1	$1A_{26}^0$									
$2C_{26}^0$		4	$1A_{26}^0$	1		2^{14}	2^2	$1B_{26}^0$	$1A_{39}^0$	39 + 1	$1A_{39}^0$	1	$6^1 2^5$	1^1			
								$2A_{26}^0$	$1B_{39}^0$	39 + 39	2	$1A_{39}^0$	1	$3^1 2^8$	1^2	$1A_{39}^0$	
								$2B_{26}^0$									
$4A_{26}^0$		4	$1A_{26}^0$	1		2^{16}	4^1	$2A_{26}^0$	$3A_{39}^0$		3	$1A_{39}^0$	1	2^{16}	3^1	$1A_{39}^0$	
$13A_{26}^0$		3	$13A_{26}^0$	3		$4^3 2^4$	1^3	$1A_{26}^0$	$13A_{39}^0$		2	$1A_{39}^0$	1	$6^2 2^6$	1^2	$1A_{39}^0$	
									$13B_{39}^0$		2	$1A_{39}^0$	1	$6^2 2^6$	1^2	$1A_{39}^0$	
$1A_{29}^0$		29 + 1	$1A_{29}^0$	1		2^7	1^1										
$2A_{29}^0$		2	$1A_{29}^0$	1		2^{12}	2^1	$1A_{29}^0$	$1A_{41}^0$	41 + 1	$1A_{41}^0$	1	2^9	1^1			
									$2A_{41}^0$		2	$1A_{41}^0$	1	2^{16}	2^1	$1A_{41}^0$	
$1A_{30}^0$		30 + 1	$1A_{30}^0$	1		2^5	1^1										
$1B_{30}^0$	30 + 5, 6, 30	2	$1A_{30}^0$	1		2^6	1^2	$1A_{30}^0$	$1A_{42}^0$		42 + 1	$1A_{42}^0$	1	2^6	1^1		
$1C_{30}^0$	30 + 6, 10, 15	2	$1A_{30}^0$	1		2^6	1^2	$1A_{30}^0$	$1B_{42}^0$	42 + 6, 14, 21	2	$1A_{42}^0$	1	2^8	1^2	$1A_{42}^0$	
$1D_{30}^0$	30 + 2, 15, 30	2	$1A_{30}^0$	1		2^6	1^2	$1A_{30}^0$	$1C_{42}^0$	42 + 3, 14, 42	2	$1A_{42}^0$	1	2^8	1^2	$1A_{42}^0$	
$1E_{30}^0$	30 + 3, 5, 15	2	$1A_{30}^0$	1	$2C_{15}^0$	2^6	1^2	$1A_{30}^0$									
$1F_{30}^0$	30 + 15	4	$1A_{30}^0$	1	$2E_{15}^0$	2^8	1^4	$1C_{30}^0$	$2A_{42}^0$		2	$1A_{42}^0$	1	2^{10}	2^1	$1A_{42}^0$	
								$1D_{30}^0$	$2B_{42}^0$		2	$1A_{42}^0$	1	2^{10}	2^1	$1A_{42}^0$	
								$1E_{30}^0$	$2C_{42}^0$		4	$1A_{42}^0$	1	2^{16}	2^2	$1B_{42}^0$	
																$2A_{42}^0$	
																$2B_{42}^0$	
$2A_{30}^0$		2	$1A_{30}^0$	1		2^8	2^1	$1A_{30}^0$	$7A_{42}^0$		3	$7A_{42}^0$	3	2^{10}	1^3	$1A_{42}^0$	
$2B_{30}^0$		2	$1A_{30}^0$	1		2^8	2^1	$1A_{30}^0$									
$2C_{30}^0$		4	$1A_{30}^0$	1		2^{12}	2^2	$1B_{30}^0$									
								$2A_{30}^0$									
								$2B_{30}^0$									
$2D_{30}^0$		4	$1E_{30}^0$	2	$2F_{15}^0$	$4A_{15}^0$	2^{10}	$2^1 1^2$	$1A_{46}^0$		46 + 1	$1A_{46}^0$	1	2^8	1^1		
$2E_{30}^0$		4	$2A_{30}^0$	2			2^{12}	2^2	$1B_{46}^0$	46 + 23	2	$1A_{46}^0$	1	$2A_{23}^0$	2^{12}	1^2	$1A_{46}^0$
$3A_{30}^0$		3	$3A_{30}^0$	3		2^{11}	3^1	$1A_{30}^0$	$1A_{47}^0$	47 + 1	$1A_{47}^0$	1	2^{10}	1^1			
$3B_{30}^0$		6	$1A_{30}^0$	1		2^{18}	3^2	$1C_{30}^0$	$3A_{47}^0$								
									$1A_{51}^0$	51 + 1	$1A_{51}^0$	1	2^8	1^1			
$5A_{30}^0$		4	$1C_{30}^0$	2		2^8	1^4	$1C_{30}^0$	$2A_{51}^0$		2	$1A_{51}^0$	1	2^{14}	2^1	$1A_{51}^0$	
$5B_{30}^0$		4	$1E_{30}^0$	2		2^8	1^4	$1E_{30}^0$									
$1A_{31}^0$		31 + 1	$1A_{31}^0$	1		$3^1 2^6$	1^1		$1A_{55}^0$	55 + 1	$1A_{55}^0$	1	2^8	1^1			
$3A_{31}^0$		3	$1A_{31}^0$	1		2^{18}	3^1	$1A_{31}^0$	$5A_{55}^0$		2	$1A_{55}^0$	1	2^{12}	1^2	$1A_{55}^0$	
									$5B_{55}^0$		2	$1A_{55}^0$	1	2^{12}	1^2	$1A_{55}^0$	
$1A_{33}^0$		33 + 1	$1A_{33}^0$	1		2^6	1^1		$1A_{59}^0$	59 + 1	$1A_{59}^0$	1	2^{12}	1^1			
$1B_{33}^0$		33 + 11	2	$1A_{33}^0$	1	$3A_{11}^0$	2^8	1^2	$1A_{62}^0$		62 + 1	$1A_{62}^0$	1	2^{10}	1^1		
$2A_{33}^0$		2	$1A_{33}^0$	1		2^{10}	2^1	$1A_{33}^0$	$1A_{66}^0$	66 + 1	$1A_{66}^0$	1	2^8	1^1			
									$1B_{66}^0$	66 + 6, 11, 66	2	$1A_{66}^0$	1	2^{12}	1^2	$1A_{66}^0$	
$1A_{34}^0$		34 + 1	$1A_{34}^0$	1		$4^1 2^5$	1^1		$2A_{66}^0$		2	$1A_{66}^0$	1	2^{14}	2^1	$1A_{66}^0$	
$17A_{34}^0$		2	$1A_{34}^0$	1		$4^2 2^6$	1^2	$1A_{34}^0$	$1A_{69}^0$	69 + 1	$1A_{69}^0$	1	2^{10}	1^1			
$17B_{34}^0$		2	$1A_{34}^0$	1		$4^2 2^6$	1^2	$1A_{34}^0$									
$1A_{35}^0$		35 + 1	$1A_{35}^0$	1		2^6	1^1		$1A_{70}^0$	70 + 1	$1A_{70}^0$	1	2^8	1^1			
$1B_{35}^0$		35 + 35	2	$1A_{35}^0$	1	2^8	1^2	$1A_{35}^0$	$1B_{70}^0$	70 + 10, 14, 35	2	$1A_{70}^0$	1	2^{12}	1^2	$1A_{70}^0$	
$2A_{35}^0$		2	$1A_{35}^0$	1		2^{10}	2^1	$1A_{35}^0$	$2A_{70}^0$		2	$1A_{70}^0$	1	2^{14}	2^1	$1A_{70}^0$	
$7A_{35}^0$		3	$7A_{35}^0$	3		2^{10}	1^3	$1A_{35}^0$	$1A_{71}^0$	71 + 1	$1A_{71}^0$	1	2^{14}	1^1			

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$I \quad N \quad L \quad E \quad T \quad C \quad S$						$I \quad N \quad L \quad E \quad T \quad C \quad S$								
$1A_{78}^0$	78+	1	$1A_{78}^0$	1	2^9	1^1	$10A_1^1$	12	$5B_1^0$	6	$2B_5^1$	10^{12^1}	$2A_1^0 5B_1^0$	
$1B_{78}^0$	78 + 6, 26, 39	2	$1A_{78}^0$	1	2^{14}	1^2	$10B_1^1$	15	$10B_1^1$	15	$5A_2^1$	10^{15^1}	$2B_1^0 5A_1^0$	
$1A_{87}^0$	87+	1	$1A_{87}^0$	1	2^{12}	1^1	$10C_1^1$	20	$5C_1^0$	10		10^2	$2A_1^0 5C_1^0$	
$1A_{94}^0$	94+	1	$1A_{94}^0$	1	2^{14}	1^1	$10D_1^1$	24	$5B_1^0$	6	$10C_5^1$	10^{2^2}	$5D_1^0 10B_1^0 10A_1^1$	
$1A_{95}^0$	95+	1	$1A_{95}^0$	1	2^{12}	1^1	$10E_1^1$	30	$5E_1^0$	15		10^3	$5E_1^0$	
$1A_{105}^0$	105+	1	$1A_{105}^0$	1	2^{10}	1^1	$10F_1^1$	30	$10F_1^1$	30	$5C_2^1$	10^{2^2}	$2B_1^0 5C_1^0$	
$1A_{110}^0$	110+	1	$1A_{110}^0$	1	2^{11}	1^1	$10G_1^1$	36	$5B_1^0$	6	$10F_2^1 2D_5^1 2H_{10}^1$	10^{3^2}	$2C_1^0 10C_1^0 10A_1^1$	
$1A_{119}^0$	119+	1	$1A_{119}^0$	1	2^{14}	1^1	$10H_1^1$	40	$5C_1^0$	10		10^4	$5F_1^0 10A_1^0 10D_1^0$	
$6A_1^1$	6	$1A_1^0$	1		6^1	$2A_1^0 3A_1^0$	$11A_1^1$	11-	12	$11A_1^1$	12	$1A_{11}^1$	11^{11^1}	$1A_1^0$
$6B_1^1$	12	$3A_1^0$	3		6^2	$3C_1^0 6B_1^0 6A_1^1$	$11B_1^1$	55	$11B_1^1$	55		3^{12^7}	11^5	$1A_1^0$
$6C_1^1$	18	$1A_1^0$	1	$6C_2^1$	6^3	$2C_1^0 6A_1^0 6D_1^0$	$11C_1^1$	55	$11C_1^1$	55		3^{42^3}	11^5	$11A_1^0 11B_1^0$
$6D_1^1$	24	$1A_1^0$	1	$6D_3^1$	6^4	$3D_1^0 6C_1^0 6E_1^0$	$11D_1^1$	60	$11A_1^1$	12	$11A_{11}^1$		11^{5^1}	$11A_1^1$
$6E_1^1$	36	$3A_1^0$	3	$6M_2^1$	6^6	$6G_1^0 6H_1^0 6B_1^1$	$12A_1^1$	16	$12A_1^1$	16	$4B_3^1$	3^1	12^{14^1}	$3B_1^0 4A_1^0$
$6F_1^1$	72	$1A_1^0$	1	$6Q_2^1 6K_3^1 6I_6^1$	6^{12}	$6J_1^0 6I_1^0 6K_1^0$	$12B_1^1$	18	$2B_1^0$	3	$6C_2^1$		12^{13^2}	$4B_1^0 6D_1^0$
$7A_1^1$	42	$7F_1^0$	21		2^2	7^6	$12C_1^1$	18	$6D_1^0$	9	$6E_2^1$	2^2	12^{16^1}	$6D_1^0$
$7B_1^1$	56	$7H_1^0$	28	$7A_7^1$	3^2	7^8	$12D_1^1$	24	$12A_1^0$	12		2^4	12^2	$6E_1^0$
$7C_1^1$	84	$7F_1^0$	21		2^4	7^{12}	$12E_1^1$	24	$12H_1^1$	24		3^3	12^2	$6A_1^0$
$8A_1^1$	12	$2B_1^0$	3	$4B_2^1$	8^{14^1}	$4C_1^0$	$12F_1^1$	32	$12A_1^1$	16	$4C_3^1$	3^2	12^{24^2}	$4D_1^0 6C_1^0 12A_1^1$
$8B_1^1$	24	$2B_1^0$	3	$4D_3^1 8H_2^1$	8^{24^2}	$4E_1^0 8C_1^0 8A_1^1$	$12J_1^1$	36	$4C_1^0$	6	$12H_2^1$	2^6	12^3	$4F_1^0 12A_1^0 12C_1^0$
$8C_1^1$	24	$4C_1^0$	6	$4E_1^1$	8^{24^2}	$4F_1^0 8E_1^0 8A_1^1$	$12K_1^1$	36	$6D_1^0$	9	$6M_2^1$		12^{23^4}	$6G_1^0 12D_1^0 12B_1^1$
$8D_1^1$	24	$4F_1^0$	12	$8T_2^1$	2^2	8^3	$12L_1^1$	36	$6D_1^0$	9	$6L_2^1$	2^4	12^{26^2}	$6H_1^0 12D_1^0 12C_1^1$
$8E_1^1$	32	$8C_1^0$	16		3^2	8^4	$12M_1^1$	36	$6D_1^0$	9	$6K_2^1$	2^4	12^{26^2}	$6G_1^0 12C_1^0 12C_1^1$
$8F_1^1$	48	$2B_1^0$	3	$4F_2^1 8X_2^1$	8^{44^4}	$4G_1^0 8H_1^0 8I_1^0$	$12N_1^1$	36	$6D_1^0$	9	$6J_2^1$	2^4	12^{26^2}	$6H_1^0 12D_1^0 12C_1^1$
$8G_1^1$	48	$4C_1^0$	6	$8V_2^1 8AC_2^1$	8^{44^4}	$8J_1^0 8M_1^0 8B_1^1$	$12O_1^1$	36	$12C_1^1$	18	$12N_2^1$	2^6	12^{23^2}	$12C_1^0$
$8H_1^1$	48	$4F_1^0$	12	$8AE_2^1$	2^4	8^6	$12P_1^1$	48	$6C_1^0$	8	$12K_3^1$	3^6	12^4	$6J_1^0 12B_1^0$
$8I_1^1$	48	$8E_1^0$	12	$8AD_2^1$	2^4	8^6	$12Q_1^1$	48	$6F_1^0$	12	$6P_2^1 12V_2^1 4H_3^1$		12^{26^2}	$4E_1^0 6I_1^0 12E_1^0$
$8J_1^1$	64	$8G_1^0$	16		3^4	8^8	$12R_1^1$	48	$12A_1^0$	12	$2H_6^1 4U_6^1$		$12F_1^1$	$12E_1^1$
$8K_1^1$	96	$2B_1^0$	3	$8AH_2^1 8AI_2^1$	8^{84^8}	$8P_1^0 8Q_1^0 8R_1^0$	$12S_1^1$	64	$12A_1^1$	16	$12O_3^1$	3^4	12^{44^4}	$12B_1^0 12I_1^1$
$9A_1^1$	12	$3B_1^0$	4	$3A_3^1$	9^{13^1}	$3B_1^0$	$12T_1^1$	72	$2B_1^0$	3	$6Q_2^1 12P_3^1 6I_6^1$		12^{43^8}	$6K_1^0 12E_1^0 12C_1^0$
$9B_1^1$	18	$9A_1^0$	9		2^2	9^2	$12U_1^1$	72	$6D_1^0$	9	$6R_2^1$	2^8	12^{46^4}	$6L_1^0 12G_1^0 12H_1^0$
$9C_1^1$	18	$9A_1^0$	9		2^2	9^2	$12V_1^1$	96	$6F_1^0$	12	$12AC_2^1 12AD_2^1$		12^{46^4}	$12I_1^0 12J_1^0$
$9D_1^1$	36	$3B_1^0$	4	$3B_3^1 9D_3^1$	9^{33^3}	$3D_1^0 9B_1^0 9C_1^0$	$12W_1^1$	96	$6F_1^0$	12	$12T_3^1 12U_6^1$		12^{46^4}	$12Q_1^1$
$9E_1^1$	36	$9A_1^1$	12	$9B_3^1$	9^{33^3}	$9A_1^1$					$12V_6^1$			
$9F_1^1$	54	$9A_1^0$	9		2^6	9^6	$14A_1^1$	14	$7B_1^0$	7		3^2	14^1	$2A_1^0 7B_1^0$
$9G_1^1$	54	$9A_1^0$	9		2^6	9^6	$14B_1^1$	14	$7A_1^0$	7		3^2	14^1	$2A_1^0 7A_1^0$
$9H_1^1$	54	$9E_1^0$	18		2^6	9^6	$14C_1^1$	21	$14C_1^1$	21	$7E_2^1$	2^3	14^{17^1}	$2B_1^0 7B_1^0$
$9I_1^1$	81	$9C_1^0$	27		2^9	9^9	$14D_1^1$	21	$14D_1^1$	21	$7B_2^1$	2^3	14^{17^1}	$2B_1^0 7A_1^0$
$9J_1^1$	108	$3B_1^0$	4	$9H_3^1 9I_3^1$	9^{93^9}	$9H_1^0 9I_1^0 9J_1^0$	$14E_1^1$	14-	24	$14E_1^1$	24	$7F_2^1 2A_7^1 1B_{14}^1$		$2B_1^0 7C_1^0$
							$14F_1^1$	28	$7A_1^0$	7		3^4	14^2	$7E_1^0 14B_1^0 14B_1^1$
							$14G_1^1$	28	$7B_1^0$	7		3^4	14^2	$7D_1^0 14A_1^0 14A_1^1$
							$14H_1^1$	42	$7F_1^0$	21		2^8	14^3	$7F_1^0$
							$14I_1^1$	42	$14I_1^1$	42		3^{32^4}	14^3	$14A_1^0$
							$14J_1^1$	42	$14J_1^1$	42		3^{32^4}	14^3	$14B_1^0$

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	<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>	
$14K_1^1$	56	$7H_1^0$	28		$3^2 2^8$	14^4	$7H_1^0 14A_1^0$ $14E_1^0$	$19A_1^1$	19–	20	$19A_1^1$	20	$19A_1^1$	3^2	$19^1 1^1$	$1A_1^0$
$14L_1^1$	72	$14E_1^1$	24	$7N_2^1 14C_7^1$ $7B_{14}^1$		$14^3 7^3 2^3 1^3$	$7C_1^0 14E_1^1$	$19B_1^1$	60	$19A_1^1$	20	$19A_1^1$	3^6	$19^3 1^3$	$19A_1^1$	
$15A_1^1$	15	$5A_1^0$	5		2^3	15^1	$3A_1^0 5A_1^0$	$20A_1^1$	20	$20A_1^1$	20		$3^2 2^2$	20^1	$4A_1^0 5A_1^0$	
$15B_1^1$	20	$15B_1^1$	20	$5B_3^1$	3^2	$15^1 5^1$	$3B_1^0 5A_1^0$	$20B_1^1$	24	$5B_1^0$	6	$20E_5^1$	2^4	$20^1 4^1$	$10B_1^0$	
$15C_1^1$	15–	24	$15C_1^1$	24	$5C_3^1 3B_{15}^1$ $1B_{15}^1$	$15^1 5^1 3^1 1^1$	$3B_1^0 5E_1^0$	$20C_1^1$	24	$5B_1^0$	6	$20E_5^1$	2^4	$20^1 4^1$	$10B_1^0$	
$15D_1^1$	30	$5C_1^0$	10		2^6	15^2	$3A_1^0 5C_1^0$	$20D_1^1$	24	$20D_1^1$	24	$4C_5^1$	2^4	$20^1 4^1$	$4A_1^0 5B_1^0$	
$15E_1^1$	36	$15C_1^0$	18	$3C_5^1$	2^4	$15^2 3^2$	$3C_1^0 15C_1^0$	$20E_1^1$	20–	36	$10C_1^0$	18	$10F_2^1 4D_5^1$ $2H_{10}^1$	$20^1 5^2 4^1 1^2$	$4B_1^0 10C_1^0$	
$15F_1^1$	45	$5A_1^0$	5		2^9	15^3	$5E_1^0 15A_1^0$ $15B_1^0 15A_1^1$	$20F_1^1$	36	$10C_1^0$	18	$10E_2^1 4E_5^1$ $2G_{10}^1$	2^4	$20^1 10^1 4^1 2^1$	$4C_1^0 10C_1^0$	
$15G_1^1$	48	$15C_1^1$	24	$5F_3^1 15E_5^1$ $5A_{15}^1$		$15^2 5^2 3^2 1^2$	$5D_1^0 15C_1^1$	$20G_1^1$	40	$5C_1^0$	10		$3^4 2^4$	20^2	$10D_1^0$	
$15H_1^1$	72	$15C_1^0$	18	$15F_5^1$	2^8	$15^4 3^4$	$15D_1^0 15E_1^1$	$20H_1^1$	40	$5C_1^0$	10		$3^4 2^4$	20^2	$10D_1^0$	
$15I_1^1$	96	$15C_1^1$	24	$15D_3^1 15I_5^1$ $15A_{15}^1$		$15^4 5^4 3^4 1^4$	$15G_1^1$	$20I_1^1$	48	$20D_1^1$	24	$20V_5^1$	2^8	$20^2 4^2$	$10B_1^0 20D_1^1$	
$16A_1^1$	24	$4B_1^0$	6	$8H_2^1$		$16^1 4^1 2^2$	$8D_1^0$	$20J_1^1$	72	$10C_1^0$	18	$10L_2^1 20W_5^1$ $10L_{10}^1$		$20^1 10^4 4^1 2^4$	$10C_1^0$	
$16B_1^1$	24	$4C_1^0$	6	$8G_2^1$	2^4	$16^1 8^1$	$8C_1^0$	$20K_1^1$	72	$10C_1^0$	18	$20H_2^1 20AA_5^1$ $20L_{10}^1$	2^4	$20^1 10^4 4^1 2^4$	$10C_1^0$	
$16C_1^1$	24	$8E_1^0$	12	$8T_1^1$	2^2	$16^1 4^2$	$8E_1^0$	$20L_1^1$	72	$10C_1^0$	18	$20G_2^1 20AA_5^1$ $20L_{10}^1$	2^4	$20^1 10^4 4^1 2^4$	$10C_1^0$	
$16D_1^1$	24	$8C_1^0$	12	$8N_2^1$	2^4	$16^1 8^1$	$8C_1^0$	$20M_1^1$	72	$10C_1^0$	18	$10K_2^1 20Y_5^1$ $10K_{10}^1$	2^8	$20^2 10^2 4^2 2^2$	$10G_1^0 20A_1^0$ $20F_1^1$	
$16E_1^1$	48	$4B_1^0$	6	$8X_2^1 16I_2^1$		$16^2 4^2 2^4$	$8H_1^0 16D_1^0$ $16A_1^1$	$21A_1^1$	24	$7C_1^0$	8	$21A_1^1$	3^3	$21^1 3^1$	$7C_1^0$	
$16F_1^1$	48	$4C_1^0$	6	$8W_2^1$	2^8	$16^2 8^2$	$8I_1^0 16C_1^0$ $16B_1^1$	$21B_1^1$	24	$7C_1^0$	8	$21A_1^1$	3^3	$21^1 3^1$	$7C_1^0$	
$16G_1^1$	48	$8D_1^0$	12	$8AC_2^1$		$16^2 4^2 2^4$	$8K_1^0 16E_1^0$ $16A_1^1$	$21C_1^1$	21–	32	$21C_1^1$	32	$7A_3^1 3C_7^1$ $1B_{21}^1$	3^2	$21^1 7^1 3^1 1^1$	$3B_1^0 7C_1^0$
$16H_1^1$	48	$4F_1^0$	12	$8AD_2^1$	2^4	$16^2 4^4$	$8J_1^0$	$21D_1^1$	42	$7D_1^0$	14		$3^3 2^6$	21^2	$7D_1^0$	
$16I_1^1$	48	$8E_1^0$	12	$8AE_2^1$	2^4	$16^2 4^4$	$8I_1^0 16F_1^0$ $16C_1^1$	$21E_1^1$	42	$7E_1^0$	14		$3^3 2^6$	21^2	$7E_1^0$	
$16J_1^1$	48	$8C_1^0$	12	$8AB_2^1$	2^8	$16^2 8^2$	$8M_1^0 16G_1^0$ $16D_1^1$	$21F_1^1$	42	$21B_1^0$	21		2^{10}	21^2	$21B_1^0$	
$16K_1^1$	48	$8L_1^0$	24	$16Q_2^1$	2^2	$16^1 8^2 4^4$	$8L_1^0$	$21G_1^1$	42	$21A_1^0$	21		2^{10}	21^2	$21A_1^0$	
$16L_1^1$	48	$8L_1^0$	24	$16R_2^1$	2^2	$16^1 8^2 4^4$	$8L_1^0$	$21H_1^1$	63	$7F_1^0$	21		2^{15}	21^3	$7F_1^0 21A_1^0$ $21B_1^0$	
$16M_1^1$	96	$4B_1^0$	6	$8AI_2^1 16W_2^1$		$16^4 4^4 2^8$	$8Q_1^0 16H_1^0$ $16I_1^0 16E_1^1$ $16G_1^1$	$21I_1^1$	64	$21C_1^1$	32	$21C_3^1 21C_7^1$ $21B_{21}^1$	3^4	$21^2 7^2 3^2 1^2$	$21C_1^1$	
$17A_1^1$	17–	18	$17A_1^1$	18	$1A_{17}^1$	2^2	$17^1 1^1$	$22A_1^1$	22	$11A_1^0$	11		3^4	22^1	$2A_1^0 11A_1^0$	
$17B_1^1$	36	$17A_1^1$	18	$17A_{17}^1$	2^4	$17^2 1^2$	$17A_1^1$	$22B_1^1$	22	$11B_1^0$	11		3^4	22^1	$2A_1^0 11B_1^0$	
$17C_1^1$	72	$17A_1^1$	18	$17B_{17}^1$	2^8	$17^4 1^4$	$17B_1^1$	$24A_1^1$	24	$4A_1^0$	4		2^6	24^1	$8B_1^0 12A_1^0$	
$18A_1^1$	18	$9A_1^0$	9		2^4	18^1	$6B_1^0 9A_1^0$	$24B_1^1$	24	$4A_1^0$	4		2^6	24^1	$8A_1^0 12A_1^0$	
$18B_1^1$	18	$18B_1^1$	18		2^4	18^1	$6B_1^0$	$24C_1^1$	24	$12A_1^0$	12		2^6	24^1	$12A_1^0$	
$18C_1^1$	24	$3B_1^0$	4	$6D_3^1$		$18^1 2^3$	$6C_1^0 9B_1^0$	$24D_1^1$	24	$12A_1^0$	12		2^6	24^1	$12A_1^0$	
$18D_1^1$	24	$6C_1^0$	8	$6E_3^1$	3^3	$18^1 6^1$	$6C_1^0$	$24E_1^1$	36	$4C_1^0$	6	$12H_7^1$	2^6	$24^1 6^2$	$8E_1^0 12C_1^0$	
$18E_1^1$	27	$18E_1^1$	27	$9D_2^1$	2^5	$18^1 9^1$	$6D_1^0 9A_1^0$	$24F_1^1$	36	$6D_1^0$	9	$12F_2^1$	2^8	$24^1 12^1$	$12C_1^0$	
$18F_1^1$	36	$9E_1^0$	18		2^4	$18^1 6^3$	$6E_1^0 9E_1^0$	$24G_1^1$	36	$12C_1^0$	18	$12N_2^1$	2^6	$24^1 6^2$	$12C_1^0$	
$18G_1^1$	36	$18G_1^1$	36		2^4	$18^1 6^3$	$6E_1^0$	$24H_1^1$	48	$8G_1^0$	16		2^{12}	24^2	$8G_1^0 12A_1^0$	
$18H_1^1$	54	$9F_1^0$	27		2^{12}	18^3	$9F_1^0 18A_1^0$ $18B_1^0$	$24I_1^1$	24–	48	$12E_1^1$	24	$12V_2^1 8J_3^1$ $4U_6^1$	$24^1 8^1 6^1 3^2 2^1 1^2$	$8D_1^0 12E_1^0$	
$18I_1^1$	54	$18I_1^1$	54	$9I_2^1$	2^2	$18^1 9^1 6^3 3^3$	$6G_1^0 9E_1^0$	$24J_1^1$	72	$6D_1^0$	9	$12X_2^1$	2^{16}	$24^2 12^2$	$12H_1^0 24A_1^0$	
$18J_1^1$	72	$3B_1^0$	4	$18F_2^1 6K_3^1$ $6I_6^1$		$18^3 2^9$	$6J_1^0 18D_1^0$	$24K_1^1$	72	$6G_1^0$	18	$12Y_2^1$	2^4	$24^2 3^8$	$12C_1^0$ $24F_1^1$	
$18K_1^1$	72	$6C_1^0$	8	$6L_3^1$	3^9	$18^3 6^3$	$18F_1^0 18C_1^0$ $6J_1^0 18C_1^0$ $18D_1^0 18D_1^1$	$24L_1^1$	96	$12E_1^0$	24	$12AD_2^1 24O_3^1$ $12V_6^1$		$24^2 8^2 6^2 3^4 2^2 1^4$	$12J_1^0 24B_1^0$ $24I_1^1$	
								$26A_1^1$	28	$13A_1^0$	14	$2C_{13}^1$	3^4	$26^1 2^1$	$2A_1^0 13A_1^0$	
								$26B_1^1$	56	$13A_1^0$	14	$26F_{13}^1$	3^8	$26^2 2^2$	$13B_1^0 26A_1^0$ $26A_1^1$	

C Cummins: Congruence Subgroups of Genus 0 and 1

$I \quad N \quad L$					$E \quad T \quad C \quad S$					$I \quad N \quad L$					$E \quad T \quad C \quad S$				
27A ₁ ¹	27-	36	9B ₁ ⁰	12	9D ₃ ¹		27 ¹ 3 ² 1 ³		9B ₁ ⁰	5E ₂ ¹	30	5E ₂ ⁰	15	5A ₁₀ ¹	4 ²	5 ⁶	5B ₂ ⁰ 5E ₂ ⁰		
27B ₁ ¹		36	9C ₁ ⁰	12	9C ₃ ¹	3 ⁶	27 ¹ 9 ¹		9C ₁ ⁰	5F ₂ ¹	60	5C ₂ ⁰	10		2 ⁶	5 ¹²	5F ₂ ⁰ 5H ₂ ⁰ 5B ₂ ¹		
27C ₁ ¹		108	9B ₁ ⁰	12	9I ₃ ¹		27 ³ 3 ⁶ 1 ⁹	9I ₁ ⁰ 27A ₁ ⁰ 27A ₁ ¹		6A ₂ ¹	6	3A ₂ ⁰	3		2 ¹	6 ¹	3A ₂ ⁰		
28A ₁ ¹	28	28A ₁ ¹	28			3 ¹ 2 ⁶	28 ¹	4A ₁ ⁰ 7A ₁ ⁰		6B ₂ ¹	8	3B ₂ ⁰	4	2B ₆ ¹		6 ¹ 2 ¹	2B ₂ ⁰ 3B ₂ ⁰		
28B ₁ ¹	28	28B ₁ ¹	28			3 ¹ 2 ⁶	28 ¹	4A ₁ ⁰ 7B ₁ ⁰		6C ₂ ¹	12	1B ₂ ⁰	2	6C ₁ ¹ 12B ₁ ¹		6 ¹ 3 ²	2D ₂ ⁰ 3C ₂ ⁰		
30A ₁ ¹	30	5A ₁ ⁰	5			3 ⁶	30 ¹	10A ₁ ⁰ 15A ₁ ⁰		6D ₂ ¹	12	3A ₂ ⁰	3		2 ²	6 ²	3E ₂ ⁰ 6A ₂ ⁰ 6A ₂ ¹		
30B ₁ ¹	30	5A ₁ ⁰	5			3 ⁶	30 ¹	10A ₁ ⁰ 15B ₁ ⁰		6E ₂ ¹	12	3A ₂ ⁰	3	12C ₁ ¹		2 ²	6 ²	3C ₂ ⁰ 6B ₂ ⁰ 6A ₂ ¹	
30C ₁ ¹	30	10A ₁ ⁰	10			3 ⁶	30 ¹	6A ₁ ⁰ 10A ₁ ⁰		6F ₂ ¹	12	3A ₂ ⁰	3		2 ²	6 ²	3D ₂ ⁰ 6C ₂ ⁰ 6A ₂ ¹		
30D ₁ ¹	36	15C ₁ ⁰	18		6E ₅ ¹	2 ⁸	30 ¹ 6 ¹	6E ₁ ⁰ 15C ₁ ⁰		6G ₂ ¹	12	3D ₂ ⁰	6		2 ²	6 ²	3D ₂ ⁰		
30E ₁ ¹	72	15C ₁ ⁰	18		30K ₅ ¹	2 ¹⁶	30 ² 6 ²	15D ₁ ⁰ 30A ₁ ⁰		6H ₂ ¹	12	6A ₂ ⁰	6		2 ²	6 ²	2E ₂ ⁰ 6A ₂ ⁰		
								30D ₁ ¹		6I ₂ ¹	16	3B ₂ ⁰	4	12F ₁ ¹ 4C ₃ ¹ 2G ₆ ¹		6 ² 2 ²	2C ₂ ⁰ 3F ₂ ⁰ 6D ₂ ⁰		
32A ₁ ¹	32-	48	8D ₁ ⁰	12	16I ₂ ¹		32 ¹ 8 ¹ 2 ² 1 ⁴	16D ₁ ⁰		6J ₂ ¹	24	3A ₂ ⁰	3	12N ₁ ¹		2 ⁴	6 ⁴	6H ₂ ⁰ 6J ₂ ⁰ 6E ₂ ¹	
32B ₁ ¹	48	8C ₁ ⁰	12		16G ₂ ¹	2 ¹²	32 ¹ 16 ¹	16C ₁ ⁰		6K ₂ ¹	24	3A ₂ ⁰	3	12M ₁ ¹		2 ⁴	6 ⁴	3G ₂ ⁰ 6E ₂ ⁰ 6F ₂ ⁰	
32C ₁ ¹	48	16F ₁ ⁰	24		16Q ₂ ¹	2 ²	32 ¹ 4 ² 2 ⁴	16F ₁ ⁰									6G ₂ ⁰ 6D ₂ ⁰ 6E ₂ ¹		
32D ₁ ¹	48	16F ₁ ⁰	24		16R ₂ ¹	2 ²	32 ¹ 4 ² 2 ⁴	16F ₁ ⁰		6L ₂ ¹	24	3A ₂ ⁰	3	12L ₁ ¹		2 ⁴	6 ⁴	6H ₂ ⁰ 6K ₂ ⁰ 6E ₂ ¹	
32E ₁ ¹	96	8D ₁ ⁰	12		16W ₂ ¹		32 ² 8 ² 2 ⁴ 1 ⁸	16I ₁ ⁰ 32A ₁ ⁰		6M ₂ ¹	24	3C ₂ ⁰	6	6E ₁ ¹ 12K ₁ ¹		2 ⁴	6 ² 3 ⁴	3G ₂ ⁰ 6H ₂ ⁰ 6C ₁ ²	
								32A ₁ ¹		6N ₂ ¹	24	6A ₂ ⁰	6		2 ⁴	6 ⁴	6F ₂ ⁰ 6I ₂ ⁰ 6H ₂ ¹		
										6O ₂ ¹	24	3D ₂ ⁰	6	6E ₆ ¹		2 ⁴	6 ⁴	3H ₂ ⁰ 6D ₂ ⁰ 6F ₂ ⁰	
33A ₁ ¹	33	11A ₁ ⁰	11			2 ⁹	33 ¹	3A ₁ ⁰ 11A ₁ ⁰		6P ₂ ¹	32	3B ₂ ⁰	4	12Q ₁ ¹ 4H ₃ ¹ 2H ₆ ¹		2 ⁴	6 ⁴ 2 ⁴	2F ₂ ⁰ 6L ₂ ⁰ 6M ₂ ⁰	
33B ₁ ¹	33	11B ₁ ⁰	11			2 ⁹	33 ¹	3A ₁ ⁰ 11B ₁ ⁰									6L ₂ ¹		
36A ₁ ¹	36	36A ₁ ¹	36			2 ¹⁰	36 ¹	9A ₁ ⁰ 12A ₁ ⁰		6Q ₂ ¹	48	1B ₂ ⁰	2	6F ₁ ¹ 12T ₁ ¹ 6K ₃ ¹		2 ⁴	6 ⁴ 3 ⁸	3I ₂ ⁰ 6L ₂ ⁰ 6O ₂ ⁰	
36B ₁ ¹	48	6C ₁ ⁰	8		12K ₃ ¹	3 ⁶	36 ¹ 4 ³	12B ₁ ⁰ 18D ₁ ⁰									6M ₂ ¹		
36C ₁ ¹	36-	72	6F ₁ ⁰	12	18F ₂ ¹ 12F ₃ ¹ 6I ₆ ¹		36 ¹ 9 ² 4 ³ 1 ⁶	12E ₁ ⁰ 18F ₁ ⁰		6R ₂ ¹	48	3A ₂ ⁰	3	12U ₁ ¹		2 ⁸	6 ⁸	6N ₂ ⁰ 6O ₂ ⁰ 6P ₂ ⁰	
																	6Q ₂ ⁰ 6J ₂ ¹ 6K ₂ ¹		
39A ₁ ¹	42	13A ₁ ⁰	14		39A ₁ ¹	3 ³ 2 ⁶	39 ¹ 3 ¹	13A ₁ ⁰									6L ₂ ¹		
39B ₁ ¹	42	13A ₁ ⁰	14		39A ₁ ¹	3 ³ 2 ⁶	39 ¹ 3 ¹	13A ₁ ⁰											
40A ₁ ¹	72	10C ₁ ⁰	18		20G ₂ ¹ 40C ₅ ¹	2 ⁴	40 ¹ 8 ¹ 5 ⁴ 1 ⁴	20A ₁ ⁰		7A ₁ ¹	14 + 2	8	7A ₂ ¹	8	1A ₁₄ ¹		7 ¹ 1 ¹	1A ₁ ⁰	
40B ₁ ¹	72	10C ₁ ⁰	18		20L ₁ ¹		40 ¹ 8 ¹ 5 ⁴ 1 ⁴	20A ₁ ⁰		7B ₂ ¹	14	7B ₂ ⁰	7	14D ₁ ¹		2 ³	7 ²	1B ₂ ⁰ 7B ₂ ⁰	
					20H ₂ ¹ 40C ₅ ¹	2 ⁴	40 ¹ 8 ¹ 5 ⁴ 1 ⁴	20A ₁ ⁰		7C ₂ ¹	14	7A ₂ ⁰	7			2 ³	7 ²	7A ₂ ⁰	
					20L ₁ ¹		40 ¹ 8 ¹ 5 ⁴ 1 ⁴	20A ₁ ⁰		7D ₂ ¹	14	7B ₂ ⁰	7			2 ³	7 ²	7B ₂ ⁰	
42A ₁ ¹	42	7A ₁ ⁰	7			2 ¹²	42 ¹	14B ₁ ⁰ 21B ₁ ⁰		7E ₂ ¹	14	7A ₂ ⁰	7	14C ₁ ¹		2 ³	7 ²	1B ₂ ⁰ 7A ₂ ⁰	
42B ₁ ¹	42	7B ₁ ⁰	7			2 ¹²	42 ¹	14A ₁ ⁰ 21A ₁ ⁰		7F ₂ ¹	14-	16	7A ₂ ¹	8	14E ₁ ¹ 2A ₁ ¹ 1B ₁₄ ¹		7 ² 1 ²	1B ₂ ⁰ 7A ₂ ¹	
42C ₁ ¹	42	21B ₁ ⁰	21			2 ¹²	42 ¹	6B ₁ ⁰ 21B ₁ ⁰		7G ₂ ¹	24	7A ₂ ¹	8	7A ₁₄ ¹		7 ³ 1 ³	7A ₂ ¹		
42D ₁ ¹	42	21A ₁ ⁰	21			2 ¹²	42 ¹	6B ₁ ⁰ 21A ₁ ⁰		7H ₂ ¹	28	7H ₂ ¹	28		2 ⁶	7 ⁴	7A ₂ ⁰ 7B ₂ ⁰		
										7I ₂ ¹	42	7A ₂ ⁰	7		2 ⁹	7 ⁶	7E ₂ ⁰ 7C ₂ ¹		
										7J ₂ ¹	42	7B ₂ ⁰	7		2 ⁹	7 ⁶	7E ₂ ⁰ 7D ₂ ¹		
										7K ₂ ¹	42	7E ₂ ⁰	21		2 ⁹	7 ⁶	7E ₂ ⁰		
49A ₁ ¹	49-	56	49A ₁ ¹	56	7A ₇ ¹	3 ²	49 ¹ 1 ⁷	7C ₁ ⁰		7L ₂ ¹	42	7E ₂ ⁰	21		4 ² 2 ⁶	7 ⁶	7D ₂ ⁰ 7E ₂ ⁰		
										7M ₂ ¹	42	7E ₂ ⁰	21		4 ² 2 ⁶	7 ⁶	7C ₂ ⁰ 7E ₂ ⁰		
52A ₁ ¹	56	13A ₁ ⁰	14		52B ₁ ¹	3 ⁸ 2 ⁴	52 ¹ 4 ¹	26A ₁ ⁰		7N ₂ ¹	48	7A ₂ ¹	8	14L ₁ ¹ 14C ₇ ¹		7 ⁶ 1 ⁶	7F ₂ ¹ 7G ₂ ¹		
52B ₁ ¹	56	13A ₁ ⁰	14		52B ₁ ¹	3 ⁸ 2 ⁴	52 ¹ 4 ¹	26A ₁ ⁰						7B ₁₄ ¹					
4A ₂ ¹	4	1A ₂ ⁰	1				4 ¹	2A ₂ ⁰		8A ₂ ¹	8	2B ₂ ⁰	2		2 ²	8 ¹	4C ₂ ⁰		
4B ₂ ¹	8	1A ₂ ⁰	1		8A ₁ ¹		4 ²	2C ₂ ⁰ 4A ₂ ⁰ 4A ₂ ¹		8B ₂ ¹	8	4A ₂ ⁰	4		2 ²	8 ¹	4A ₂ ⁰		
4C ₂ ¹	8	2A ₂ ⁰	2				4 ²	2E ₂ ⁰ 4B ₂ ⁰ 4A ₂ ¹		8C ₂ ¹	8	4B ₂ ⁰	4		2 ²	8 ¹	4B ₂ ⁰		
4D ₂ ¹	16	1A ₂ ⁰	1		8B ₁ ¹		4 ⁴	2F ₂ ⁰ 4D ₂ ⁰ 4E ₂ ⁰		8D ₂ ¹	8	4B ₂ ⁰	4		2 ²	8 ¹	4B ₂ ⁰		
								4B ₂ ¹ 4C ₂ ¹		8E ₂ ¹	16	2A ₂ ⁰	2			4 ⁴	8B ₂ ⁰ 8E ₂ ⁰ 4C ₂ ¹		
4E ₂ ¹	16	2A ₂ ⁰	2		8C ₁ ¹		4 ⁴	4G ₂ ⁰ 4H ₂ ⁰ 4B ₂ ¹		8F ₂ ¹	16	2A ₂ ⁰	2			4 ⁴	8C ₂ ⁰ 8D ₂ ⁰ 4C ₂ ¹		
4F ₂ ¹	32	1A ₂ ⁰	1		8F ₁ ¹		4 ⁸	4J ₂ ⁰ 4K ₂ ⁰ 4L ₂ ⁰		8G ₂ ¹	16	2B ₂ ⁰	2	16B ₁ ¹		2 ⁴	8 ²	4D ₂ ⁰ 8A ₂ ⁰ 8A ₂ ¹	
								4D ₂ ¹ 4E ₂ ¹		8H ₂ ¹	16	2D ₂ ⁰	4	8B ₁ ¹ 16A ₁ ¹		8 ¹ 4 ¹ 2 ²	4F		

C Cummins: Congruence Subgroups of Genus 0 and 1

$I \ N \ L \ E \ T \ C \ S$							$I \ N \ L \ E \ T \ C \ S$								
$8N_2^1$	16	$4B_2^0$	4	$16D_1^1$	2^4	8^2	$4D_2^0 8H_2^0$	$9J_2^1$	36	$9D_2^0$	18	$9H_6^1$	2^2	$9^2 3^6$	$3H_2^0 9D_2^0$
$8O_2^1$	16	$4B_2^0$	4		2^4	8^2	$8E_2^0 8F_2^0$	$10A_2^1$	10	$5A_2^0$	5		4^2	10^1	$2B_2^0 5A_2^0$
$8P_2^1$	16	$2E_2^0$	4		2^4	8^2	$4E_2^0$	$10B_2^1$	12	$5B_2^0$	6	$2B_{10}^1$	2^2	10^{12}	$2A_2^0 5B_2^0$
$8Q_2^1$	16	$4B_2^0$	4		2^4	8^2	$8D_2^0 8H_2^0$	$10C_2^1$	20	$10A_2^0$	10		2^6	10^2	$2E_2^0 10A_2^0$
$8R_2^1$	16	$4B_2^0$	4		2^4	8^2	$8D_2^0 8H_2^0$	$10D_2^1$	20	$5C_2^0$	10		2^6	10^2	$5C_2^0$
$8S_2^1$	16	$4B_2^0$	4		2^4	8^2	$8D_2^0 8F_2^0$	$10E_2^1$	24	$5B_2^0$	6	$20F_1^1 4E_5^1$	2^4	10^{22}	$2C_2^0 5D_2^0$
$8T_2^1$	16	$4G_2^0$	8	$8D_1^1 16G_1^1$	2^2	8^{14}	$4G_2^0$					$2G_{10}^1$		$10^{15} 2^2 1^2$	$10B_2^0 10B_2^0$
$8U_2^1$	16	$4I_2^0$	8		4^{22}	8^2	$4I_2^0$	$10F_2^1$	20–	24	$5D_2^0$	12	$10G_1^1 20E_1^1$		$2D_2^0 5D_2^0$
$8V_2^1$	32	$2A_2^0$	2	$8G_1^1$		4^8	$8L_2^0 8N_2^0$					$2D_5^1 4D_5^1$			
							$8O_2^0 8P_2^0$					$2H_{10}^1$			
							$4D_2^1 8E_2^1$	$10G_2^1$	30	$5E_2^0$	15		2^9	10^3	$5E_2^0 10A_2^0$
							$8I_2^1$	$10H_2^1$	30	$5E_2^0$	15		4^{26}	10^3	$5E_2^0$
							$4J_2^1 8M_2^0$	$10I_2^1$	40	$5C_2^0$	10		2^{12}	10^4	$5F_2^0 10A_2^0$
							$8J_2^1 8Q_2^1$								$10C_2^0 10D_2^0$
							$8K_2^0 8J_2^0$	$10J_2^1$	40	$10C_2^0$	20		2^{12}	10^4	$10C_2^0$
							$8L_2^1 8M_2^1$	$10K_2^1$	48	$5B_2^0$	6	$20M_1^1 20Y_5^1$	2^8	10^{42}	$10D_2^0 10E_2^0$
							$8M_2^1 8Q_2^1$					$10K_{10}^1$			$10E_2^1$
							$8N_2^1 8R_2^1$	$10L_2^1$	48	$5D_2^0$	12	$10K_1^1 20J_1^1$		$10^{25} 4^2 2^4$	$5G_2^0 10D_2^0$
							$8O_2^1 8Q_2^1$					$10F_5^1 20W_5^1$			$10F_2^1$
							$8P_2^1 8R_2^1$					$10L_{10}^1$			
							$8Q_2^1 8S_2^1$								
							$8R_2^1 8Q_2^1$								
							$8S_2^1 8Q_2^1$								
							$8T_2^1 8P_2^1$								
							$8U_2^1 8R_2^1$								
							$8V_2^1 8Q_2^1$								
							$8W_2^1 8Q_2^1$								
							$8X_2^1 8M_2^1$								
							$8Y_2^1 8P_2^1$								
							$8Z_2^1 8O_2^1$								
							$8AA_2^0 8K_2^0$								
							$8AB_2^0 8K_2^0$								
							$8AC_2^0 8K_2^0$								
							$8AD_2^0 8K_2^0$								
							$8AE_2^0 8K_2^0$								
							$8AF_2^0 8K_2^0$								
							$8AG_2^0 8K_2^0$								
							$8AH_2^0 8K_2^0$								
							$8AI_2^0 8K_2^0$								
							$8AJ_2^0 8K_2^0$								
							$8AK_2^0 8K_2^0$								
							$8AL_2^0 8K_2^0$								
							$8AM_2^0 8K_2^0$								
							$8AN_2^0 8K_2^0$								
							$8AO_2^0 8K_2^0$								
							$8AP_2^0 8K_2^0$								
							$8AQ_2^0 8K_2^0$								
							$8AR_2^0 8K_2^0$								
							$8AS_2^0 8K_2^0$								
							$8AT_2^0 8K_2^0$								
							$8AU_2^0 8K_2^0$								
							$8AV_2^0 8K_2^0$								
							$8AW_2^0 8K_2^0$								
							$8AX_2^0 8K_2^0$								
							$8AY_2^0 8K_2^0$								
							$8AZ_2^0 8K_2^0$								
							$8BA_2^0 8K_2^0$								
							$8BB_2^0 8K_2^0$								
							$8BC_2^0 8K_2^0$								
							$8BD_2^0 8K_2^0$								
							$8BE_2^0 8K_2^0$								
							$8BF_2^0 8K_2^0$								
							$8BG_2^0 8K_2^0$								
							$8BH_2^0 8K_2^0$								
							$8BI_2^0 8K_2^0$								
							$8BJ_2^0 8K_2^0$								
							$8BK_2^0 8K_2^0$								
							$8BL_2^0 8K_2^0$								
							$8BM_2^0 8K_2^0$								
							$8BN_2^0 8K_2^0$								
							$8BO_2^0 8K_2^0$								
							$8BP_2^0 8K_2^0$								
							$8BQ_2^0 8K_2^0$								
							$8BR_2^0 8K_2^0$								
							$8BS_2^0 8K_2^0$								
							$8BT_2^0 8K_2^0$								
							$8BU_2^0 8K_2^0$								
							$8BV_2^0 8K_2^0$								
							$8BW_2^0 8K_2^0$								
							$8BX_2^0 8K_2^0$								
							$8BY_2^0 8K_2^0$								
							$8BZ_2^0 8K_2^0$								
							$8CA_2^0 8K_2^0$								
							$8CB_2^0 8K_2^0$								
							$8CC_2^0 8K_2^0$								
							$8CD_2^0 8K_2^0$								
							$8CE_2^0 8K_2^0$								
							$8CF_2^0 8K_2^0$								
							$8CG_2^0 8K_2^0$								
							$8CH_2^0 8K_2^0$								
							$8CI_2^0 8K_2^0$								
							$8CJ_2^0 8K_2^0$								
							$8CK_2^0 8K_2^0$								
							$8CL_2^0 8K_2^0$								
							$8CM_2^0 8K_2^0$								
							$8CN_2^0 8K_2^0$								
							$8CO_2^0 8K_2^0$								
							$8CP_2^0 8K_2^0$								
							$8CQ_2^0 8K_2^0$								
							$8CR_2^0 8K_2^0$								
							$8CS_2^0 8K_2^0$								
							$8CT_2^0 8K_2^0$								
							$8CU_2^0 8K_2^0$								
							$8CV_2^0 8K_2^0$								
							$8CW_2^0 8K_2^0$								
							$8CX_2^0 8K_2^0$								
							$8CY_2^0 8K_2^0$								
							$8CZ_2^0 8K_2^0$								
							$8DA_2^0 8K_2^0$								
							$8DB_2^0 8K_2^0$								
							$8DC_2^0 8K_2^0$								
							$8DD_2^0 8K_2^0$								
							$8DE_2^0 8K_2^0$								
							$8DF_2^0 8K_2^0$								
							$8DG_2^0 8K_2^0$								
							$8DH_2^0 8K_2^0$								
							$8DI_2^0 8K_2^0$								
							$8DJ_2^0 8K_2^0$								
							$8DK_2^0 8K_2^0$								

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	<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>
$12T_3^1$	48	$2C_3^0$	3	$12W_1^1 12AC_2^1$		$4^8 2^8$	$12F_3^0 12Q_3^0$	$24K_3^1$	24	$4B_3^0$	6	$12O_6^1$	2^4	$8^2 2^4$	$4I_3^0 24A_3^0$
				$12AD_2^1 12U_6^1$			$12R_3^0 12S_3^0$	$24L_3^1$	24	$4C_3^0$	6	$12L_6^1 24G_6^1$	2^4	$8^2 2^4$	$4H_3^0 24B_3^0$
				$12V_6^1$			$4H_3^1 12H_3^1$								$24B_3^1$
							$12I_3^1$								$24A_3^1$
$13A_3^1$	39 + 3	14	$13A_3^1$	14	$1A_{39}^1$	$6^2 2^2$	$13^1 1^1$	$1A_3^0$	$24M_3^1$	32	$4F_3^0$	8	$6^4 3^2 2^4$	8^4	$8E_3^0 12M_3^0$
$13B_3^1$	28	$13A_3^1$	14	$13F_{39}^1$	$6^4 2^4$	$13^2 1^2$	$13A_3^1$	$24N_3^1$	36	$4D_3^0$	6	$12T_6^1$	2^{18}	$24^1 6^2$	$8D_3^0 12N_3^0$
$14A_3^1$	16	$7A_3^0$	8	$2D_{21}^1$	$3^2 2^4$	$14^1 2^1$	$2A_3^0 7A_3^0$	$24O_3^1$	48	$4B_3^0$	6	$24L_1^1 12AD_2^1$		$8^4 2^4 1^8$	$12Q_3^0 24C_3^0$
$14B_3^1$	16	$7A_3^0$	8	$2E_{21}^1$	6^4	$14^1 2^1$	$2B_3^0 7A_3^0$					$12V_6^1$			$24D_3^0 24E_3^0$
$15A_3^1$	15	$15A_3^1$	15		$3^3 2^4$	15^1	$3B_3^0 5A_3^0$	$24P_3^1$	48	$4B_3^0$	6	$12W_6^1$	2^8	$8^4 2^8$	$8J_3^0 24G_3^0$
$15B_3^1$	30	$5B_3^0$	10		2^{16}	15^2	$3A_3^0 5B_3^0$								$24H_3^1$
$15C_3^1$	40	$5C_3^0$	20		$3^2 2^8$	5^8	$5C_3^0$								$8F_3^0 12R_3^0$
$15D_3^1$	48	$5A_3^1$	6	$15I_1^1 15I_5^1$		$5^8 1^8$	$5F_3^1$								$24D_3^0 24E_3^0$
				$15A_{15}^1$											$24I_3^1 24J_3^1$
															$24K_3^1$
$16A_3^1$	16	$8B_3^0$	8		$3^2 2^6$	16^1	$8B_3^0$	$30A_3^1$	30	$5A_3^0$	5		2^{18}	30^1	$6A_3^0 10A_3^0$
$16B_3^1$	16	$8A_3^0$	8		$3^2 2^6$	16^1	$8A_3^0$								$15A_3^0$
$16C_3^1$	16	$8A_3^0$	8		$6^4 2^2$	16^1	$8A_3^0$								
$16D_3^1$	16	$8B_3^0$	8		$6^4 2^2$	16^1	$8B_3^0$	$36A_3^1$	36	$6C_3^0$	6		$3^{12} 2^6$	36^1	$12J_3^0 18A_3^0$
$16E_3^1$	24	$8C_3^0$	12	$8O_6^1$	2^4	$16^1 4^1 1^4$	$8C_3^0$								
$16F_3^1$	24	$8D_3^0$	12	$8P_6^1$	2^6	$16^1 2^4$	$8D_3^0$	$42A_3^1$	16	$7A_3^0$	8	$42B_{21}^1$	$6^2 3^1 2^2$	$14^1 2^1$	$7A_3^0$
$16G_3^1$	24	$8D_3^0$	12	$8Q_6^1$	2^6	$16^1 2^4$	$8D_3^0$	$42B_3^1$	16	$7A_3^0$	8	$42B_{21}^1$	$6^2 3^1 2^2$	$14^1 2^1$	$7A_3^0$
$16H_3^1$	24	$8D_3^0$	12	$8V_6^1$	2^{10}	$16^1 4^2$	$8D_3^0$	$48A_3^1$	24	$8C_3^0$	12	$24G_6^1$	2^4	$16^1 4^1 1^4$	$8C_3^0$
$18A_3^1$	18	$3B_3^0$	3		$3^3 2^6$	18^1	$6C_3^0 9B_3^0$	$60A_3^1$	20	$10A_3^0$	10		$3^4 2^6$	20^1	$10A_3^0 12A_3^0$
$18B_3^1$	18	$3B_3^0$	3		$3^6 2^2$	18^1	$6D_3^0 9A_3^0$								
$18C_3^1$	18	$3B_3^0$	3		6^6	18^1	$6D_3^0 9B_3^0$								
$18D_3^1$	18	$6D_3^0$	6		$6^3 3^3 2^1$	18^1	$6D_3^0$	$2A_5^1$	2	$1A_5^0$	1			2^1	$1A_5^0$
$18E_3^1$	18	$9C_3^0$	9		2^6	6^3	$6A_3^0 9C_3^0$	$2B_5^1$	4	$1A_5^0$	1	$10A_1^1$		2^2	$1B_5^0 2A_5^0$
$18F_3^1$	18	$9D_3^0$	9		$3^3 2^2$	6^3	$6C_3^0 9D_3^0$								$2A_5^1$
$18G_3^1$	18	$9D_3^0$	9		$6^2 3^2$	6^3	$6D_3^0 9D_3^0$	$2C_5^1$	6	$1A_5^0$	1	$2E_{10}^1$		2^3	$2B_5^0 2A_5^0$
$18H_3^1$	18	$18H_3^1$	18		2^6	6^3	$6A_3^0$	$2D_5^1$	12	$1A_5^0$	1	$10G_1^1 10F_2^1$		2^6	$2C_5^0 2D_5^0$
$18I_3^1$	18	$18I_3^1$	18		$3^3 2^2$	6^3	$6C_3^0$					$2H_{10}^1$			$2B_5^1 2C_5^1$
$18J_3^1$	27	$18J_3^1$	27	$9G_6^1$	2^6	$6^3 3^3$	$6E_3^0 9C_3^0$								
$20A_3^1$	20	$20A_3^1$	20		$3^1 2^{10}$	20^1	$4A_3^0 5A_3^0$	$3A_5^1$	6	$3A_5^0$	3		2^2	3^2	$3A_5^0$
								$3B_5^1$	15-	8	$3B_5^0$	4	$15C_1^1 5C_3^1$	$3^2 1^2$	$1B_5^0 3B_5^0$
												$1B_{15}^1$			
												$15E_1^1$	2^4	3^4	$3C_5^0 3D_5^0$
$21A_3^1$	24	$7A_3^0$	8	$21A_{21}^1$	$6^3 2^7$	$21^1 3^1$	$7A_3^0$	$3C_5^1$	12	$3A_5^0$	3				$3A_5^1$
$21B_3^1$	24	$7A_3^0$	8	$21A_{21}^1$	$6^3 2^7$	$21^1 3^1$	$7A_3^0$								
$21C_3^1$	32	$7A_3^0$	8	$21I_1^1 21C_7^1$	3^4	$7^4 1^4$	$21A_3^0 21B_3^0$	$3D_5^1$	12	$3D_5^0$	6	$3B_{15}^1$	2^4	3^4	$3B_5^0 3D_5^0$
				$21B_{21}^1$			$7A_3^1$								
$21D_3^1$	48	$7A_3^0$	8	$21D_{21}^1$	2^8	$7^6 1^6$	$7B_3^0 21A_3^0$	$4A_5^1$	20 + 5	6	$2B_5^0$	3	$2E_{10}^1$		$4^1 1^2$
$21E_3^1$	48	$7A_3^0$	8	$21D_{21}^1$	2^8	$7^6 1^6$	$7B_3^0 21B_3^0$	$4B_5^1$	6	$2B_5^0$	3	$2C_{10}^1$	2^2	$4^1 2^1$	$2B_5^0$
								$4C_5^1$	8	$4A_5^0$	4	$20D_1^1$	2^4	4^2	$1B_5^0 4A_5^0$
$24A_3^1$	12	$4C_3^0$	6	$12B_6^1$	2^2	$8^1 2^2$	$4C_3^0$	$4D_5^1$	20-	12	$2B_5^0$	3	$20E_1^1 10F_2^1$		$4^2 1^4$
$24B_3^1$	12	$4B_3^0$	6	$12A_6^1$	2^2	$8^1 2^2$	$4B_3^0$					$2H_{10}^1$			$4A_5^1$
$24C_3^1$	16	$4E_3^0$	8		$3^2 2^4$	8^2	$4E_3^0$	$4E_5^1$	12	$2B_5^0$	3	$20F_1^1 10E_2^1$	2^4	$4^2 2^2$	$2C_5^0 4C_5^0$
$24D_3^1$	16	$4F_3^0$	8		$6^2 3^1 2^2$	8^2	$4F_3^0$					$2G_{10}^1$			$4B_5^1$
$24E_3^1$	24	$4A_3^0$	4		2^{14}	24^1	$8A_3^0 12E_3^0$	$4F_5^1$	12	$4C_5^0$	6	$4K_{10}^1$	2^6	4^3	$4A_5^0 4C_5^0$
$24F_3^1$	24	$4A_3^0$	4		2^{14}	24^1	$8B_3^0 12E_3^0$	$4G_5^1$	12	$4C_5^0$	6	$4J_{10}^1$	2^6	4^3	$4C_5^0$
$24G_3^1$	24	$4B_3^0$	6	$12K_6^1$		$8^2 2^2 1^4$	$12J_3^0 24A_3^0$								
							$8C_3^1$	$6A_5^1$	6	$3A_5^0$	3		2^4	6^1	$2A_5^0 3A_5^0$
$24H_3^1$	24	$4B_3^0$	6	$12J_6^1$		$8^2 2^2 1^4$	$12H_3^0 24A_3^0$	$6B_5^1$	6	$3A_5^0$	3		2^4	6^1	$3A_5^0$
							$8C_3^1$	$6C_5^1$	6	$6C_5^1$	6		2^4	6^1	$2A_5^0$
$24I_3^1$	24	$4B_3^0$	6	$12M_6^1$	2^4	$8^2 2^4$	$8C_3^0 12H_3^0$	$6D_5^1$	9	$6D_5^1$	9	$3D_{10}^1$	2^5	$6^1 3^1$	$2B_5^0 3A_5^0$
							$24B_3^1$	$6E_5^1$	12	$3A_5^0$	3	$30D_1^1$	2^8	6^2	$3C_5^0 6A_5^0$
$24J_3^1$	24	$4B_3^0$	6	$12N_6^1$	2^4	$8^2 2^4$	$8C_3^0 12I_3^0$								$6B_5^1$

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	<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>	
$6F_5^1$	12	$3A_5^0$	3		2^8	6^2	$3D_5^0 6A_5^0 6A_5^1$	$20I_5^1$	12	$2B_5^0$	3	$10F_{10}^1$		$4^2 1^4$	$10F_5^0 20B_5^0 4A_5^1$	
$6G_5^1$	12	$3D_5^0$	6		2^8	6^2	$3D_5^0$	$20J_5^1$	12	$2B_5^0$	3	$10I_{10}^1$	2^4	$4^2 2^2$	$4B_5^0 10H_5^0 20A_5^1$	
$6H_5^1$	$30 + 5$	$12 \ 6H_5^1$	12	$3G_{10}^1 2F_{15}^1$	2^4	$6^1 3^1 2^1 1^1$	$2B_5^0 3B_5^0$	$20K_5^1$	12	$2B_5^0$	3	$10C_{10}^1$	2^4	$4^2 2^2$	$10H_5^0 20A_5^0 4B_5^1$	
				$1F_{30}^1$				$20L_5^1$	12	$2B_5^0$	3	$10H_{10}^1$	2^4	$4^2 2^2$	$4C_5^0 10F_5^0 20B_5^1$	
								$20M_5^1$	12	$2B_5^0$	3	$10J_{10}^1$	2^4	$4^2 2^2$	$4B_5^0 10I_5^0 20B_5^1$	
$7A_5^1$	$35 + 5$	$8 \ 7A_5^1$	8	$1A_{35}^1$	2^4	$7^1 1^1$	$1A_5^0$	$20N_5^1$	12	$2B_5^0$	3	$10J_{10}^1$	2^4	$4^2 2^2$	$2D_5^0 20B_5^0 20A_5^1$	
$7B_5^1$		$24 \ 7A_5^1$	8	$7A_{35}^1$	2^{12}	$7^3 1^3$	$7A_5^1$	$20O_5^1$	12	$2B_5^0$	3	$10H_{10}^1$	2^4	$4^2 2^2$	$4C_5^0 10G_5^0 20A_5^1$	
								$20P_5^1$	12	$2B_5^0$	3	$10D_{10}^1$	2^4	$4^2 2^2$	$10I_5^0 20B_5^0 4B_5^1$	
$8A_5^1$	12	$2B_5^0$	3	$4F_{10}^1$	2^8	$8^1 4^1$	$4C_5^0$	$20Q_5^1$	12	$2B_5^0$	3	$10I_{10}^1$	2^4	$4^2 2^2$	$2D_5^0 20A_5^0 20B_5^1$	
$8B_5^1$	12	$4C_5^0$	6	$4K_{10}^1$	2^6	$8^1 2^2$	$4C_5^0$	$20R_5^1$	12	$4C_5^0$	6	$20D_{10}^1$	2^6	4^3	$4C_5^0$	
$8C_5^1$	12	$4C_5^0$	6	$4J_{10}^1$	2^6	$8^1 2^2$	$4C_5^0$	$20S_5^1$	12	$4C_5^0$	6	$20E_{10}^1$	2^6	4^3	$4C_5^0$	
$8D_5^1$	16	$8D_5^1$	16		2^{12}	8^2	$4A_5^0$	$20T_5^1$	16	$4A_5^0$	4		2^8	4^4	$4D_5^0 10E_5^0 20D_5^1$	
$8E_5^1$	24	$2B_5^0$	3	$4N_{10}^1$	2^{16}	$8^2 4^2$	$4E_5^0 8A_5^0 8A_5^1$								$20F_5^1$	
								$20U_5^1$	16	$4A_5^0$	4		2^8	4^4	$4D_5^0 10C_5^0 20C_5^0$	
$9A_5^1$	9	$9A_5^1$	9		2^7	9^1	$3A_5^0$								$20G_5^1$	
$9B_5^1$	$45 + 5$	$12 \ 9B_5^1$	12	$3B_{15}^1$	2^4	$9^1 1^3$	$3B_5^0$	$20V_5^1$	16	$4A_5^0$	4	$20I_1^1$	2^8	4^4	$10D_5^0 20C_5^0$	
$9C_5^1$	18	$9C_5^1$	18		2^{10}	$9^1 3^3$	$3D_5^0$								$20D_5^0 4C_5^1$	
								$20W_5^1$	24	$2B_5^0$	3	$20J_1^1 10L_2^1$		$4^4 1^8$	$10N_5^0 20E_5^0$	
$10A_5^1$	4	$1A_5^0$	1			2^2	$5A_5^0 10A_5^0 2A_5^1$					$10L_{10}^1$			$20F_5^0 20G_5^0 4D_5^1$	
$10B_5^1$	4	$1A_5^0$	1			2^2	$5B_5^0 10B_5^0 2A_5^1$								$20H_5^1 20I_5^1$	
$10C_5^1$	8	$1A_5^0$	1	$10D_1^1$		2^4	$5C_5^0 10C_5^0 10D_5^0$	$20X_5^1$	24	$2B_5^0$	3	$10M_{10}^1$	2^8	$4^4 2^4$	$4E_5^0 10C_5^0 20F_5^0$	
							$10E_5^0 2B_5^0 10A_5^1$								$20I_5^0 20L_5^1$	
							$10B_5^1$								$20M_5^1 20Q_5^1$	
$10D_5^1$	12	$1A_5^0$	1	$10E_{10}^1$		2^6	$10F_5^0 10H_5^0 2C_5^1$	$20Y_5^1$	24	$2B_5^0$	3	$20M_1^1 10K_2^1$	2^8	$4^4 2^4$	$10Q_5^0 20E_5^0$	
							$10A_5^1$					$10K_{10}^1$			$20H_5^0 20I_5^0 4E_5^1$	
$10E_5^1$	12	$1A_5^0$	1	$10F_{10}^1$		2^6	$10G_5^0 10I_5^0 2C_5^1$								$20K_5^1 20P_5^1$	
							$10B_5^1$					$10M_{10}^1$	2^8	$4^4 2^4$	$4E_5^0 10P_5^0 20G_5^0$	
$10F_5^1$	24	$1A_5^0$	1	$10K_1^1 10L_2^1$		2^{12}	$10N_5^0 10O_5^0$	$20Z_5^1$	24	$2B_5^0$	3	$10M_{10}^1$	2^8	$4^4 2^4$	$20H_5^0 20J_5^1$	
				$10L_{10}^1$			$10P_5^0 10Q_5^0 2D_5^1$								$20N_5^1 20O_5^1$	
							$10C_5^1 10D_5^1$	$20AA_5^1$	24	$2C_5^0$	6	$20K_1^1 20L_1^1$	2^4	$4^2 2^8$	$10Q_5^0$	
							$10E_5^1$					$20G_2^1 20H_2^1$				
												$20L_{10}^1$				
$11A_5^1$	11	$11A_5^1$	11		2^9	11^1	$1A_5^0$	$20AB_5^1$	24	$10G_5^0$	6	$20M_{10}^1$	2^4	$4^2 2^8$	$10P_5^0$	
$11B_5^1$	11	$11B_5^1$	11		2^9	11^1	$1A_5^0$	$20AC_5^1$	24	$10F_5^0$	6	$20K_{10}^1$	2^4	$4^2 2^8$	$10O_5^0$	
$12A_5^1$	12	$12A_5^1$	12		2^{10}	12^1	$3A_5^0 4A_5^0$	$30A_5^1$	6	$3A_5^0$	3			2^4	6^1	$3A_5^0$
								$30B_5^1$	6	$3A_5^0$	3			2^4	6^1	$3A_5^0$
$15A_5^1$	6	$3A_5^0$	3		2^2	3^2	$3A_5^0 5B_5^0$	$30C_5^1$	8	$3B_5^0$	4	$10A_{15}^1$	2^4	$6^1 2^1$	$3B_5^0 10A_5^0$	
$15B_5^1$	6	$3A_5^0$	3		2^2	3^2	$3A_5^0 5A_5^0$	$30D_5^1$	8	$3B_5^0$	4	$10A_{15}^1$	2^4	$6^1 2^1$	$3B_5^0 10B_5^0$	
$15C_5^1$	12	$3A_5^0$	3		2^4	3^4	$3D_5^0 15B_5^0 15B_5^1$	$30E_5^1$	12	$3A_5^0$	3		2^8	6^2	$3D_5^0 30A_5^0 30A_5^1$	
$15D_5^1$	12	$3A_5^0$	3		2^4	3^4	$3D_5^0 15A_5^0 15A_5^1$	$30F_5^1$	12	$3A_5^0$	3		2^8	6^2	$3D_5^0 30B_5^0 30B_5^1$	
$15E_5^1$	16	$3B_5^0$	4	$15G_1^1 5F_3^1 5A_{15}^1$		$3^4 1^4$	$5C_5^0 15C_5^0 15D_5^0$	$30G_5^1$	12	$3A_5^0$	3		2^8	6^2	$15B_5^0 30B_5^0 6B_5^1$	
							$3B_5^1$	$30H_5^1$	12	$3A_5^0$	3		2^8	6^2	$15A_5^0 30A_5^0 6B_5^1$	
$15F_5^1$	24	$3A_5^0$	3	$15H_1^1$	2^8	3^8	$15E_5^0 15F_5^0 3C_5^1$	$30I_5^1$	16	$3B_5^0$	4	$10C_{15}^1$	2^8	$6^2 2^2$	$6B_5^0 10E_5^0 15D_5^0$	
$15G_5^1$	24	$15F_5^0$	12		2^8	3^8	$15F_5^0$								$30C_5^1$	
$15H_5^1$	24	$15F_5^0$	12		2^8	3^8	$15F_5^0$	$30J_5^1$	16	$3B_5^0$	4	$10C_{15}^1$	2^8	$6^2 2^2$	$6B_5^0 10C_5^0 15C_5^0$	
$15I_5^1$	32	$3B_5^0$	4	$15J_1^1 15D_3^1$		$3^8 1^8$	$15G_5^0 15H_5^0$								$30D_5^1$	
				$15A_{15}^1$			$15E_5^1$	$30K_5^1$	24	$3A_5^0$	3	$30E_1^1$	2^{16}	6^4	$15E_5^0 30C_5^0$	
															$30D_5^0 30E_5^0 6E_5^1$	
															$30G_5^1 30H_5^1$	
$16A_5^1$	24	$4C_5^0$	6	$8F_{10}^1$	2^{20}	$16^1 8^1$	$8A_5^0$									
$20A_5^1$	6	$2B_5^0$	3	$10A_{10}^1$	2^2	$4^1 2^1$	$2B_5^0$	$40A_5^1$	12	$2B_5^0$	3	$20B_{10}^1$	2^8	$8^1 4^1$	$4C_5^0$	
$20B_5^1$	6	$2B_5^0$	3	$10A_{10}^1$	2^2	$4^1 2^1$	$2B_5^0$	$40B_5^1$	12	$2B_5^0$	3	$20B_{10}^1$	2^8	$8^1 4^1$	$4C_5^0$	
$20C_5^1$	8	$5A_5^0$	2		2^4	4^2	$10C_5^0$	$40C_5^1$	12	$4C_5^0$	6	$20D_{10}^1$	2^6	$8^1 2^2$	$4C_5^0$	
$20D_5^1$	8	$5B_5^0$	2		2^4	4^2	$10E_5^0$	$40D_5^1$	12	$4C_5^0$	6	$20E_{10}^1$	2^6	$8^1 2^2$	$4C_5^0$	
$20E_5^1$	8	$1B_5^0$	2	$20B_1^1 20C_1^1$	2^4	4^2	$10D_5^0$	$40E_5^1$	24	$2B_5^0$	3	$20J_{10}^1$	2^{16}	$8^2 4^2$	$8A_5^0 20I_5^0 40A_5^1$	
$20F_5^1$	8	$4A_5^0$	4		2^4	4^2	$4A_5^0 5B_5^0$	$40F_5^1$	24	$2B_5^0$	3	$20J_{10}^1$	2^{16}	$8^2 4^2$	$8A_5^0 20H_5^0 40B_5^1$	
$20G_5^1$	8	$4A_5^0$	4		2^4	4^2	$4A_5^0 5A_5^0$	$40G_5^1$	24	$2C_5^0$	6	$40A_1^1 40B_1^1$	2^4	$8^2 1^8$	$20E_5^0$	
$20H_5^1$	12	$2B_5^0$	3	$10E_{10}^1$		$4^2 1^4$	$10G_5^0 20A_5^0 4A_5^1$					$20G_2^1 20H_2^1$				

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	I	N	L	E	T	C	S		I	N	L	E	T	C	S	
$10D_6^1$	20	$5B_6^0$	10		2^{16}	10^2	$2C_6^0 5B_6^0$	$3B_7^1$	6	$3A_7^0$	3		2^4	3^2	$3A_7^0$	
$12A_6^1$	8	$2H_6^0$	4	$12A_3^1 24B_3^1$	2^2	$4^1 2^2$	$2H_6^0$	$3C_7^1$	21-	8	$3A_7^1$	4	$21C_1^1 7A_3^1 1B_{21}^1$	3^2	$3^2 1^2$	$1B_7^0 3A_7^1$
$12B_6^1$	8	$2G_6^0$	4	$12D_3^1 24A_3^1$	2^2	$4^1 2^2$	$2G_6^0$	$3D_7^1$	12	$3A_7^0$	3		2^8	3^4	$3B_7^0 3B_7^1$	
$12C_6^1$	8	$2J_6^0$	4		2^4	4^2	$2J_6^0$	$4A_7^1$	4	$4A_7^1$	4		$3^1 2^2$	4^1	$1A_7^0$	
$12D_6^1$	8	$2J_6^0$	4		2^4	4^2	$2J_6^0$	$4B_7^1$	6	$2C_7^0$	3	$2E_{14}^1$	2^2	$4^1 1^2$	$2C_7^0$	
$12E_6^1$	12	$6C_6^0$	6		2^{10}	12^1	$4A_6^0 6C_6^0$	$4C_7^1$	6	$2C_7^0$	3	$2C_{14}^1$	2^4	$4^1 2^1$	$2C_7^0$	
$12F_6^1$	12	$6D_6^0$	6		2^{10}	12^1	$4C_6^0 6D_6^0$	$4D_7^1$	6	$2C_7^0$	3	$2D_{14}^1$	2^4	$4^1 2^1$	$2C_7^0$	
$12G_6^1$	12	$6A_6^0$	6		2^{10}	12^1	$4D_6^0 6A_6^0$	$4E_7^1$	8	$4A_7^1$	4		$3^2 2^4$	4^2	$2B_7^0 4A_7^1$	
$12H_6^1$	16	$1A_6^0$	1	$12H_3^1$	2^8	$12A_6^0 12E_6^0 2F_6^1$	$12H_6^1$	$4F_7^1$	12	$2C_7^0$	3	$2G_{14}^1 4E_{14}^1$	2^8	$4^2 2^2$	$2E_7^0 4A_7^1 4C_7^1$	
$12I_6^1$	16	$1A_6^0$	1	$12I_3^1$	2^8	$12B_6^0 12F_6^0 2F_6^1$	$12I_6^1$									
$12J_6^1$	16	$2H_6^0$	4	$12I_3^1 24H_3^1$	$4^2 2^2 1^4$	$12A_6^0 12C_6^0 4M_6^1$	$12J_6^1$	$5A_7^1$	10	$5A_7^1$	10		$3^1 2^8$	5^2	$1A_7^0$	
$12K_6^1$	16	$2H_6^0$	4	$12H_3^1 24G_3^1$	$4^2 2^2 1^4$	$12B_6^0 12C_6^0 4M_6^1$	$12K_6^1$									
$12L_6^1$	16	$2G_6^0$	4	$12M_3^1 24L_3^1$	2^4	$4^2 2^4$	$2L_6^0 12D_6^0 12B_6^1$	$6A_7^1$	6	$1A_7^0$	1		2^6	6^1	$2A_7^0 3A_7^0$	
$12M_6^1$	16	$2H_6^0$	4	$12L_3^1 24I_3^1$	2^4	$4^2 2^4$	$4I_6^0 12A_6^0 12A_6^1$	$6B_7^1$	6	$1A_7^0$	1		2^6	6^1	$2B_7^0 3A_7^0$	
$12N_6^1$	16	$2H_6^0$	4	$12L_3^1 24J_3^1$	2^4	$4^2 2^4$	$4I_6^0 12B_6^0 12A_6^1$	$6C_7^1$	6	$3A_7^0$	3		2^6	6^1	$3A_7^0$	
$12O_6^1$	16	$2H_6^0$	4	$12L_3^1 24K_3^1$	2^4	$4^2 2^4$	$2L_6^0 12C_6^0 12A_6^1$	$6D_7^1$	6	$3A_7^0$	3		2^6	6^1	$3A_7^0$	
$12P_6^1$	16	$2J_6^0$	4		2^8	4^4	$4C_6^0 12E_6^0 12D_6^1$	$6E_7^1$	18	$1A_7^0$	1	$6E_{14}^1$	2^{18}	6^3	$2E_7^0 6A_7^0 6B_7^0$	
$12Q_6^1$	16	$2J_6^0$	4		2^8	4^4	$4C_6^0 12F_6^0 12C_6^1$								$6A_7^1$	
$12R_6^1$	16	$4C_6^0$	8		2^8	4^4	$4G_6^0$	$6F_7^1$	18	$6B_7^0$	9	$3E_{14}^1$	2^{16}	$6^2 3^2$	$3B_7^0 6B_7^0$	
$12S_6^1$	16	$4H_6^0$	8		2^8	4^4	$4H_6^0$									
$12T_6^1$	24	$2F_6^0$	4	$12Q_3^1 24N_3^1$	2^{18}	$12^1 6^2$	$4J_6^0 6F_6^0$	$7A_7^1$	49-	14	$7A_7^1$	14	$7B_1^1 49A_1^1$	3^2	$7^1 1^7$	$1B_7^0$
$12U_6^1$	32	$1A_6^0$	1	$12W_1^1 12AC_2^1$	2^{16}		$12J_6^0 12K_6^0$									
				$12T_3^1$			$12L_6^0 12M_6^0 2H_6^1$	$8A_7^1$	56 + 7	12	$4A_7^0$	6	$4E_{14}^1$	2^8	$8^1 2^1 1^2$	$4A_7^0$
							$12H_6^0 12I_6^1$									
$12V_6^1$	32	$2H_6^0$	4	$12W_1^1 24L_1^1$	$4^4 2^4 1^8$		$12J_6^0 12J_6^0$	$9A_7^1$	9	$9A_7^1$	9		2^{10}	9^1	$3A_7^0$	
				$12AD_2^1 12T_3^1$			$12N_6^0 12O_6^0 4U_6^1$									
				$24O_3^1$			$12J_6^1 12K_6^1$	$10A_7^1$	10	$5A_7^0$	5		$3^4 2^6$	10^1	$2A_7^0 5A_7^0$	
$12W_6^1$	32	$2H_6^0$	4	$12S_3^1 24P_3^1$	2^8	$4^4 2^8$	$4M_6^0 12M_6^0 12N_6^0$	$10B_7^1$	10	$5A_7^0$	5		$3^4 2^6$	10^1	$2B_7^0 5A_7^0$	
							$12O_6^0 12M_6^1$									
							$12N_6^1 12O_6^1$	$12A_7^1$	18	$2C_7^0$	3	$6E_{14}^1$	2^{18}	$12^1 3^2$	$4A_7^0 6B_7^0$	
$15A_6^1$	15	$15A_6^1$	15		2^{13}	15^1	$3B_6^0 5A_6^0$	$14A_7^1$	6	$7A_7^0$	3		2^2	2^3	$2A_7^0 7A_7^0$	
								$14B_7^1$	6	$7A_7^0$	3		2^2	2^3	$2B_7^0 7A_7^0$	
$16A_6^1$	16	$8A_6^0$	8		2^{14}	16^1	$8A_6^0$	$14C_7^1$	18	$2C_7^0$	3	$14L_1^1 7N_2^1 7B_{14}^1$		$2^6 1^6$	$7B_7^0 14B_7^0 2A_7^1$	
$16B_6^1$	16	$8A_6^0$	8		2^{14}	16^1	$8A_6^0$	$14D_7^1$	18	$7A_7^0$	3	$14C_{14}^1$	2^6	2^9	$2E_7^0 14B_7^0 14A_7^1$	
$18A_6^1$	18	$9B_6^0$	9		2^{12}	6^3	$6A_6^0 9B_6^0$	$15A_7^1$	15	$5A_7^0$	5		2^{18}	15^1	$3A_7^0 5A_7^0$	
$18B_6^1$	18	$9A_6^0$	9		2^{12}	6^3	$6C_6^0 9A_6^0$									
$20A_6^1$	20	$10A_6^0$	10		2^{18}	20^1	$4D_6^0 10A_6^0$	$21A_7^1$	6	$1B_7^0$	2	$21A_1^1 21B_1^1$	3^3	3^2	$1B_7^0$	
								$21B_7^1$	9	$7A_7^0$	3		2^6	3^3	$3A_7^0 7A_7^0$	
								$21C_7^1$	16	$3A_7^1$	4	$21I_1^1 21C_3^1$	3^4	$3^4 1^4$	$3C_7^1$	
												$21B_{21}^1$				
$24A_6^1$	8	$4D_6^0$	4		2^6	8^1	$4D_6^0$	$28A_7^1$	12	$2E_7^0$	6	$28A_{14}^1 28B_{14}^1$	2^6	$4^1 2^4$	$2E_7^0$	
$24B_6^1$	8	$4D_6^0$	4		2^6	8^1	$4D_6^0$					$28C_{14}^1$				
$24C_6^1$	8	$4D_6^0$	4		2^6	8^1	$4D_6^0$									
$24D_6^1$	8	$4D_6^0$	4		2^6	8^1	$4D_6^0$									
$24E_6^1$	16	$2M_6^0$	8	$24K_2^1 24M_2^1$	2^4	$4^2 2^4$	$2M_6^0 2M_6^0$	$28B_7^1$	12	$4A_7^0$	6	$28B_{14}^1$	2^6	$4^2 2^1 1^2$	$4A_7^0$	
$24F_6^1$	16	$2N_6^0$	8		2^4	$4^2 2^4$	$2N_6^0 2N_6^0$	$28C_7^1$	12	$4A_7^0$	6	$28A_{14}^1$	2^6	$4^2 2^1 1^2$	$4A_7^0$	
$24G_6^1$	16	$4I_6^0$	8	$24L_3^1 48A_3^1$	2^4	$8^1 4^1 1^4$	$4I_6^0 4I_6^0$	$28D_7^1$	12	$14A_7^0$	6		$3^6 2^2$	4^3	$14A_7^0 28A_7^0$	
$24H_6^1$	16	$4E_6^0$	8	$24N_2^1 24O_2^1$	2^8	4^4	$4E_6^0 4E_6^0$	$28E_7^1$	12	$14A_7^0$	6		$3^6 2^2$	4^3	$14A_7^0 28A_7^0$	
$24I_6^1$	16	$4K_6^0$	8		2^8	4^4	$4K_6^0 4K_6^0$	$28F_7^1$	18	$14B_7^0$	9	$14C_{14}^1$	2^6	$4^3 1^6$	$4A_7^0 14B_7^0$	
$24J_6^1$	16	$4K_6^0$	8		2^8	4^4	$4K_6^0 4K_6^0$									
$24K_6^1$	16	$4H_6^0$	8		2^8	4^4	$4H_6^0 4H_6^0$									
$24L_6^1$	24	$12H_6^0$	12		2^{22}	24^1	$8A_6^0 12H_6^0$	$56A_7^1$	12	$4A_7^0$	6	$28C_{14}^1$	2^6	$8^1 1^4$	$4A_7^0$	
$2A_7^1$	14-	6	$2C_7^0$	3	$14E_1^1 7F_2^1 1B_{14}^1$	$2^2 1^2$	$1B_7^0 2C_7^0$	$84A_7^1$	12	$2A_7^0$	2		$3^6 2^6$	12^1	$6A_7^0 28B_7^0$	
$2B_7^1$	6	$2C_7^0$	3	$2E_{14}^1$	2^2	2^3	$2B_7^0 2C_7^0$	$84B_7^1$	12	$2A_7^0$	2		$3^6 2^6$	12^1	$6A_7^0 28B_7^0$	
$3A_7^1$	21 + 7	4	$3A_7^1$	4	$1A_{21}^1$	3^1	$3^1 1^1$	$2A_{10}^1$	2	$1A_{10}^0$	1		2^1	2^1	$1A_{10}^0$	
								$2B_{10}^1$	4	$1A_{10}^0$	1	$10B_2^1$	2^2	2^2	$1D_{10}^0 2A_{10}^0$	

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	<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		
$2C_{10}^1$		4	$1A_{10}^0$	1		$4B_5^1$	2^2	2^2	$1B_{10}^0$	$2E_{10}^0$	2	2^{10}	8^1		$4C_{10}^0$		
$2D_{10}^1$		4	$1A_{10}^0$	1			2^2	2^2	$1C_{10}^0$	$2C_{10}^0$	4	2^{10}	8^1		$4B_{10}^0$		
$2E_{10}^1$	20 + 5	4	$1B_{10}^0$	2		$2C_5^1 4A_5^1$	$2^1 1^2$		$1E_{10}^0$	$2A_{10}^0$	4	2^{10}	8^1		$4A_{10}^0$		
$2F_{10}^1$		4	$2A_{10}^0$	2			2^2	2^2	$2E_{10}^0$	$2F_{10}^0$	4	2^{10}	8^1		$4A_{10}^0$		
$2G_{10}^1$		8	$1A_{10}^0$	1		$20F_1^1 10E_2^1 4E_5^1$	2^4	2^4	$1E_{10}^0$	$2D_{10}^0$	4	2^{20}	8^2		$4D_{10}^0 8A_{10}^0$		
									$2E_{10}^0$	$2C_{10}^1$	4	2^{20}	8^2		$8A_{10}^1$		
									$2B_{10}^1$	$2C_{10}^1$	4	$4^3 2^7$	9^1		$3A_{10}^0$		
									$2D_{10}^1$		4						
$2H_{10}^1$	20-	8	$1B_{10}^0$	2		$10G_1^1 20E_1^1$	$2^2 1^4$		$1E_{10}^0$	$2C_{10}^0$	2	2^2	2^2		$1B_{10}^0$		
						$10F_2^1 2D_3^1 4D_5^1$			$2E_{10}^0$	$2H_{10}^0$	2	2^2	2^2		$1C_{10}^0$		
$2I_{10}^1$		8	$2A_{10}^0$	2			2^4	2^4	$2E_{10}^0$	$2H_{10}^0$	2	2^4	2^4		$10B_{10}^0 10C_{10}^0$		
									$2F_{10}^0$		2				$2C_{10}^1$		
									$10D_{10}^1$	8	$1A_{10}^0$	1		$20F_5^1$	2^4	2^4	$10A_{10}^0 10D_{10}^0$
															$2C_{10}^1$		
$3A_{10}^1$	30 + 2, 5, 10	4	$3A_{10}^0$	4		$1B_{30}^1$	2^2	$3^1 1^1$	$1A_{10}^0$						$2E_{10}^1$		
$3B_{10}^1$		6	$3A_{10}^0$	3			2^5	3^2	$3A_{10}^0$						$10B_{10}^0$		
$3C_{10}^1$		6	$3A_{10}^0$	3			2^5	3^2	$3A_{10}^0$						$10B_{10}^0$		
$3D_{10}^1$		6	$3A_{10}^0$	3		$6D_5^1$	2^5	3^2	$1B_{10}^0$	$3A_{10}^0$	2	$2^2 1^4$	$5A_{10}^0$		$10B_{10}^0$		
$3E_{10}^1$		6	$3A_{10}^0$	3			$4^2 2^2$	3^2	$3A_{10}^0$						$2E_{10}^1$		
$3F_{10}^1$		6	$3A_{10}^0$	3		$15D_2^1$	$4^2 2^2$	3^2	$1D_{10}^0$	$3A_{10}^0$	2	2^4	2^4		$2E_{10}^0 5B_{10}^0$		
$3G_{10}^1$	30 + 5	8	$3A_{10}^0$	4		$6H_5^1 2F_{15}^1 1F_{30}^1$	2^4	$3^2 1^2$	$1B_{10}^0$	$3A_{10}^0$	4	2^4	2^4		$10B_{10}^1$		
$3H_{10}^1$		12	$3A_{10}^0$	3			2^{10}	3^4	$3B_{10}^0$	$3C_{10}^0$	3	2^{10}	2^4		$2D_{10}^0 5A_{10}^0$		
									$3B_{10}^0$		3				$10A_{10}^1$		
									$10I_{10}^1$	8	$1B_{10}^0$	2		$20J_5^1 20Q_5^1$	2^4	2^4	$2G_{10}^0 10B_{10}^0$
															$10A_{10}^1$		
$4A_{10}^1$		4	$1A_{10}^0$	1			2^4	4^1	$2A_{10}^0$						$10A_{10}^1$		
$4B_{10}^1$		4	$1A_{10}^0$	1			2^4	4^1	$2A_{10}^0$						$10A_{10}^1$		
$4C_{10}^1$		4	$2A_{10}^0$	2			2^4	4^1	$2A_{10}^0$						$10A_{10}^1$		
$4D_{10}^1$		4	$2C_{10}^0$	2			$4^2 2^1$	4^1	$2C_{10}^0$						$10G_{10}^0 10H_{10}^0$		
$4E_{10}^1$		8	$1A_{10}^0$	1			2^8	4^2	$2E_{10}^0$	$4A_{10}^0$	2	2^8	2^8		$10I_{10}^0 10J_{10}^0$		
									$4A_{10}^0$						$2C_{10}^1 10C_{10}^1$		
$4F_{10}^1$		8	$1A_{10}^0$	1		$8A_5^1$	2^8	4^2	$2D_{10}^0$	$4A_{10}^0$	2	$2^4 1^8$	$5C_{10}^0$		$10D_{10}^1 10E_{10}^0$		
									$4B_{10}^1$						$10F_{10}^0 10G_{10}^0$		
$4G_{10}^1$		8	$2A_{10}^0$	2			2^8	4^2	$2H_{10}^0$	$4B_{10}^0$	2	$2^4 1^8$	$10F_{10}^0$		$10G_{10}^0 10H_{10}^0$		
									$4B_{10}^1$						$2H_{10}^1 10E_{10}^1$		
$4H_{10}^1$		8	$2A_{10}^0$	2			2^8	4^2	$2E_{10}^0$	$4B_{10}^0$	2	2^8	2^8		$10F_{10}^1$		
									$4C_{10}^1$						$2I_{10}^0 10E_{10}^0$		
$4I_{10}^1$		8	$2C_{10}^0$	2		$20D_2^1$	$4^4 2^2$	4^2	$2F_{10}^0$	$4C_{10}^0$	2	2^8	2^8		$10F_{10}^0 10I_{10}^0$		
									$4D_{10}^1$						$10H_{10}^1 10I_{10}^1$		
$4J_{10}^1$		8	$2D_{10}^0$	4		$4G_5^1 8C_5^1$	2^6	$4^1 2^2$	$2D_{10}^0$						$10J_{10}^1$		
$4K_{10}^1$		8	$2D_{10}^0$	4		$4F_5^1 8B_5^1$	2^6	$4^1 2^2$	$2D_{10}^0$						$10J_{10}^1$		
$4L_{10}^1$		8	$4A_{10}^0$	4			2^8	4^2	$4A_{10}^0$						$10J_{10}^1$		
$4M_{10}^1$		8	$4A_{10}^0$	4			2^8	4^2	$4A_{10}^0$						$10J_{10}^1$		
$4N_{10}^1$		16	$1A_{10}^0$	1		$8E_5^1$	2^{16}	4^4	$2I_{10}^0$	$4D_{10}^0$	1	2^{16}	12^1		$4A_{10}^0 6A_{10}^0$		
									$4E_{10}^0$	$4F_{10}^1$	1	2^{16}	12^1		$6A_{10}^0$		
									$4G_{10}^1$		1	2^{16}	12^1		$4B_{10}^0 6A_{10}^0$		
$5A_{10}^1$	50 + 2	10	$5A_{10}^1$	10		$5E_2^1 25A_2^1$	4^2	$5^1 1^5$	$1D_{10}^0$			$4^2 2^7$	3^4		$3C_{10}^0$		
									$15A_{10}^1$	12	$3B_{10}^0$	6	2^{10}	3^4	$3B_{10}^0$		
									$15B_{10}^1$	12	$3C_{10}^0$	6	$4^2 2^7$	3^4	$3C_{10}^0$		
									$15C_{10}^1$	12	$3C_{10}^0$	6	$4^2 2^7$	3^4	$3C_{10}^0$		
$6A_{10}^1$		6	$3A_{10}^0$	3			2^7	6^1	$3A_{10}^0$			2^8	4^2		$2E_{10}^0$		
$6B_{10}^1$		6	$3A_{10}^0$	3			$4^2 2^4$	6^1	$3A_{10}^0$			2^8	4^2		$2D_{10}^0$		
$6C_{10}^1$		6	$3A_{10}^0$	3			$4^2 2^4$	6^1	$2C_{10}^0$	$3A_{10}^0$	3	$4^4 2^2$	4^2		$2F_{10}^0$		
$6D_{10}^1$		6	$3A_{10}^0$	3			$4^2 2^4$	6^1	$2C_{10}^0$	$3A_{10}^0$	3	2^6	$4^1 2^2$		$2D_{10}^0$		
$6E_{10}^1$		12	$3A_{10}^0$	3			2^{14}	6^2	$3C_{10}^0$	$6A_{10}^0$	3	2^6	$4^1 2^2$		$2D_{10}^0$		
									$6A_{10}^1$			$4^2 2^5$	4^2		$4C_{10}^0$		
$6F_{10}^1$		12	$3A_{10}^0$	3			$4^4 2^8$	6^2	$3C_{10}^0$	$6B_{10}^1$	3	$4^2 2^5$	4^2		$4C_{10}^0$		
									$6B_{10}^1$			$4^4 2^2$	4^2		$10C_{10}^0$		
$6G_{10}^1$		12	$6A_{10}^0$	6			2^{14}	6^2	$6A_{10}^0$			$4^4 2^2$	4^2		$10D_{10}^0$		
									$20A_{10}^1$	8	$1C_{10}^0$	2	2^8	4^2	$2E_{10}^0$		
									$20B_{10}^1$	8	$1B_{10}^0$	2	$40A_5^1 40B_5^1$	2^8	4^2	$2D_{10}^0$	
									$20C_{10}^1$	8	$1D_{10}^0$	2	$20B_2^1 20C_2^1$	$4^4 2^2$	4^2	$2F_{10}^0$	
									$20D_{10}^1$	8	$2D_{10}^0$	4	$20R_5^1 40C_5^1$	2^6	$4^1 2^2$	$2D_{10}^0$	
									$20E_{10}^1$	8	$2D_{10}^0$	4	$20S_5^1 40D_5^1$	2^6	$4^1 2^2$	$2D_{10}^0$	
									$20F_{10}^1$	8	$4C_{10}^0$	4		$4^2 2^5$	4^2	$4C_{10}^0$	
									$20G_{10}^1$	8	$4C_{10}^0$	4		$4^2 2^5$	4^2	$4C_{10}^0$	
									$20H_{10}^1$	8	$10C_{10}^0$	4		$4^4 2^2$	4^2	$10C_{10}^0$	
									$20I_{10}^1$	8	$10D_{10}^0$	4		$4^4 2^2$	4^2	$10D_{10}^0$	

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	<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>	
$20J_{10}^1$	16	$1B_{10}^0$	2	$40E_5^1 40F_5^1$	2^{16}	4^4	$4D_{10}^0 10I_{10}^0$	$5A_{13}^1$	5	$5A_{13}^1$	5	$3^2 2^7$	5^1	$1A_{13}^0$		
$20K_{10}^1$	16	$5A_{10}^0$	4	$20AC_5^1 40J_5^1$	2^4	$4^2 1^8$	$10F_{10}^0$	$6A_{13}^1$	6	$1A_{13}^0$	1	2^{12}	6^1	$2A_{13}^0 3A_{13}^0$		
$20L_{10}^1$	16	$1E_{10}^0$	4	$20K_4^1 20L_1^1$	2^4	$4^2 1^8$	$10G_{10}^0$	$6B_{13}^1$	6	$3A_{13}^0$	3	2^{12}	6^1	$3A_{13}^0$		
				$40A_4^1 40B_1^1$												
				$20G_2^1 20H_2^1$				$13A_{13}^1$	6	$13C_{13}^0$	3	2^2	1^6	$13B_{13}^0 13C_{13}^0$		
				$20AA_5^1 40G_5^1$				$13B_{13}^1$	6	$13C_{13}^0$	3	2^2	1^6	$13A_{13}^0 13C_{13}^0$		
$20M_{10}^1$	16	$5A_{10}^0$	4	$20AB_5^1 40H_5^1$	2^4	$4^2 1^8$	$10E_{10}^0$	$26A_{13}^1$	4	$1A_{13}^0$	1	3^4	2^2	$13B_{13}^0 26B_{13}^0$		
$20N_{10}^1$	16	$10D_{10}^0$	4		2^8	2^8	$10H_{10}^0$									
$20O_{10}^1$	16	$10C_{10}^0$	4		2^8	2^8	$10H_{10}^0$	$26B_{13}^1$	4	$1A_{13}^0$	1	3^4	2^2	$13A_{13}^0 26A_{13}^0$		
$20P_{10}^1$	16	$2F_{10}^0$	4	$20I_2^1 20J_2^1$	$4^4 2^2$	2^8	$10J_{10}^0$									
$30A_{10}^1$	12	$6B_{10}^0$	6		$4^2 2^{11}$	6^2	$6B_{10}^0 10D_{10}^0$	$26C_{13}^1$	6	$13C_{13}^0$	3	2^8	2^3	$13C_{13}^0 26A_{13}^0$		
$30B_{10}^1$	12	$6B_{10}^0$	6		$4^2 2^{11}$	6^2	$6B_{10}^0 10C_{10}^0$	$26D_{13}^1$	6	$13C_{13}^0$	3	2^8	2^3	$13C_{13}^0 26B_{13}^0$		
$40A_{10}^1$	8	$4C_{10}^0$	4		$4^2 2^7$	8^1	$4C_{10}^0$	$26E_{13}^1$	6	$26E_{13}^1$	6	$3^3 2^4$	2^3	$2A_{13}^0$		
$40B_{10}^1$	8	$4C_{10}^0$	4		$4^2 2^7$	8^1	$4C_{10}^0$	$26F_{13}^1$	8	$1A_{13}^0$	1	$26B_1^1$	3^8	2^4	$13D_{13}^0 26C_{13}^0$	
														$26D_{13}^0 26E_{13}^0$		
														$2C_{13}^1 26A_{13}^1$		
$1A_{11}^1$	11-	$1A_{11}^0$	1	$11A_1^1$		1^2	$1A_{11}^0$							$26B_{13}^1$		
$2A_{11}^1$	2	$1A_{11}^0$	1		2^2	2^1	$1A_{11}^0$	$39A_{13}^1$	6	$1B_{13}^0$	2	$39A_1^1 39B_1^1$	$3^3 2^6$	3^2	$1B_{13}^0$	
$2B_{11}^1$	6	$1A_{11}^0$	1	$2B_{22}^1$	2^6	2^3	$2B_{11}^0 2A_{11}^0$	$39B_{13}^1$	6	$3A_{13}^0$	3		2^{10}	3^2	$3A_{13}^0$	
$2C_{11}^1$	6	$2B_{11}^0$	3	$2C_{22}^1$	2^6	2^3	$2A_{11}^0 2B_{11}^0$	$39C_{13}^1$	6	$3A_{13}^0$	3		2^{10}	3^2	$3A_{13}^0$	
								$39D_{13}^1$	9	$13C_{13}^0$	3		2^{15}	3^3	$3A_{13}^0 13C_{13}^0$	
$3A_{11}^1$	3	$3A_{11}^1$	3		2^4	3^1	$1A_{11}^0$							$26D_{13}^0$		
$3B_{11}^1$	6	$3A_{11}^1$	3		2^8	3^2	$3A_{11}^1$	$52A_{13}^1$	8	$13A_{13}^0$	2	$52A_1^1 52B_1^1$	$3^8 2^4$	4^2	$26C_{13}^0$	
$4A_{11}^1$	6	$2B_{11}^0$	3	$2C_{22}^1$	2^6	$4^1 1^2$	$2B_{11}^0$	$52B_{13}^1$	8	$1B_{13}^0$	2		$3^8 2^4$	4^2	$26E_{13}^0$	
$4B_{11}^1$	44 + 11	$6 2B_{11}^0$	3	$2B_{22}^1$	2^6	$4^1 1^2$	$2B_{11}^0$	$52C_{13}^1$	8	$13B_{13}^0$	2		$3^8 2^4$	4^2	$26E_{13}^0$	
$4C_{11}^1$	8	$4A_{11}^0$	4		2^{12}	4^2	$2A_{11}^0 4A_{11}^0$		6	$1A_{13}^0$	1		2^{12}	6^1	$3A_{13}^0 26A_{13}^0$	
$4D_{11}^1$	12	$4B_{11}^0$	6	$4C_{22}^1$	2^{18}	4^3	$4A_{11}^0 4B_{11}^0$	$78A_{13}^1$	6	$1A_{13}^0$	1		2^{12}	6^1	$3A_{13}^0 26B_{13}^0$	
								$78B_{13}^1$	6	$1A_{13}^0$	1		2^{12}	6^1	$3A_{13}^0 26B_{13}^0$	
$5A_{11}^1$	55 + 11	$6 5A_{11}^0$	6	$1A_{55}^1$	2^8	$5^1 1^1$	$1A_{11}^0$	$1A_{14}^1$	14 + 2	2	$1A_{14}^0$	1	$7A_2^1$	1^2	$1A_{14}^0$	
$5B_{11}^1$	12	$5A_{11}^0$	6	$5A_{55}^1$	2^{16}	$5^2 1^2$	$5A_{11}^0$	$1B_{14}^1$	14-	4	$1A_{14}^0$	1	$14E_1^1 7F_2^1 2A_7^1$	1^4	$1B_{14}^0 1C_{14}^0$	
														$1A_{14}^1$		
$6A_{11}^1$	8	$3A_{11}^0$	4	$2D_{33}^1$	2^{12}	$6^1 2^1$	$2A_{11}^0 3A_{11}^0$							$1A_{14}^0$		
$7A_{11}^1$	7	$7A_{11}^1$	7		2^{12}	7^1	$1A_{11}^0$	$2A_{14}^1$	2	$1A_{14}^0$	1		2^2	2^1	$1A_{14}^0$	
$7B_{11}^1$	7	$7B_{11}^1$	7		2^{12}	7^1	$1A_{11}^0$	$2B_{14}^1$	2	$1A_{14}^0$	1		2^2	2^1	$1A_{14}^0$	
								$2C_{14}^1$	4	$1A_{14}^0$	1	$4C_7^1$	2^4	2^2	$1B_{14}^0 2B_{14}^0$	
$8A_{11}^1$	8	$4A_{11}^0$	4		2^{14}	8^1	$4A_{11}^0$	$2D_{14}^1$	4	$1A_{14}^0$	1	$4D_7^1$	2^4	2^2	$1B_{14}^0 2A_{14}^0$	
$8B_{11}^1$	8	$4A_{11}^0$	4		2^{14}	8^1	$4A_{11}^0$								$2B_{14}^0$	
$8C_{11}^1$	12	$4B_{11}^0$	6	$4C_{22}^1$	2^{18}	$8^1 2^2$	$4B_{11}^0$	$2E_{14}^1$	4	$1B_{14}^0$	2	$2B_7^1 4B_7^1$	2^2	$2^1 1^2$	$1B_{14}^0$	
								$2F_{14}^1$	4	$2B_{14}^0$	2		2^4	2^2	$2B_{14}^0$	
								$2G_{14}^1$	8	$1A_{14}^0$	1	$4F_7^1$	2^8	2^4	$2D_{14}^0 2E_{14}^0$	
$11A_{11}^1$	10	$1A_{11}^0$	1	$11D_1^1$		1^{10}	$11A_{11}^0 1A_{11}^1$								$2C_{14}^1$	
$33A_{11}^1$	8	$3A_{11}^0$	4	$33A_{33}^1$	2^8	$3^2 1^2$	$3A_{11}^0$	$2H_{14}^1$	8	$2B_{14}^0$	2		2^8	2^4	$2C_{14}^0 2E_{14}^0$	
$33B_{11}^1$	8	$3A_{11}^0$	4	$33A_{33}^1$	2^8	$3^2 1^2$	$3A_{11}^0$								$2F_{14}^1$	
$44A_{11}^1$	4	$2A_{11}^0$	2		2^6	4^1	$2A_{11}^0$	$3A_{14}^1$	42 + 2, 7, 14	4	$3A_{14}^1$	4	$1B_{42}^1$	2^4	$3^1 1^1$	$1A_{14}^0$
$2A_{13}^1$	2	$1A_{13}^0$	1		3^2	2^1	$1A_{13}^0$	$3B_{14}^1$	6	$3A_{14}^0$	3		2^8	3^2	$3A_{14}^0$	
$2B_{13}^1$	26 + 13	$3 2B_{13}^0$	3	$1A_{26}^1$	2^3	$2^1 1^1$	$1A_{13}^0$	$3C_{14}^1$	6	$3A_{14}^0$	3		2^8	3^2	$3A_{14}^0$	
$2C_{13}^1$	4	$1A_{13}^0$	1	$26A_1^1$	3^4	2^2	$1B_{13}^0 2A_{13}^0$	$3D_{14}^1$	42 + 14	8	$3A_{14}^1$	4	$1F_{42}^1$	2^8	$3^2 1^2$	$1C_{14}^0 3A_{14}^1$
							$2A_{13}^1$	$3E_{14}^1$	12	$3A_{14}^0$	3	$6F_7^1$	2^{16}	3^4	$3B_{14}^0 3C_{14}^0$	
														$3B_{14}^1$		
$3A_{13}^1$	6	$3A_{13}^0$	3		2^{10}	3^2	$3A_{13}^0$	$4A_{14}^1$	4	$2B_{14}^0$	2		2^6	4^1	$2B_{14}^0$	
								$4B_{14}^1$	4	$2B_{14}^0$	2		2^6	4^1	$2B_{14}^0$	
$4A_{13}^1$	4	$4A_{13}^1$	4		$3^1 2^6$	4^1	$1A_{13}^0$	$4C_{14}^1$	8	$2B_{14}^0$	2		2^{12}	4^2	$2E_{14}^0 4A_{14}^0$	

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$I \quad N \quad L$							$E \quad T \quad C \quad S$							$I \quad N \quad L$							$E \quad T \quad C \quad S$						
$4D_{14}^1$		8	$2B_{14}^0$	2			2^{12}	4^2	$2E_{14}^0$	$4A_{14}^0$	$4B_{14}^1$		$4H_{15}^1$	12	$2C_{15}^0$	3		$2Q_{30}^1$	2^{16}	$4^2 2^2$	$2F_{15}^0$	$4A_{15}^0$	$4C_{15}^1$				
$4E_{14}^1$	$56 + 7$	8	$2D_{14}^0$	4	$4F_7^1$	$8A_7^1$	2^8	$4^1 2^1 1^2$	$2D_{14}^0$	$4A_{14}^0$	$4A_{14}^1$		$5A_{15}^1$	8	$1A_{15}^0$	1	$15G_1^1$	$5F_3^1$	$15E_5^1$		1^8	$5A_{15}^0$	$5B_{15}^0$				
$4F_{14}^1$		8	$4B_{14}^0$	4			2^{12}	4^2	$4B_{14}^0$														$1B_{15}^1$				
$5A_{14}^1$		5	$5A_{14}^1$	5			2^8	5^1	$1A_{14}^0$				$6A_{15}^1$	6	$3A_{15}^0$	3				2^{10}	6^1	$2B_{15}^0$	$3A_{15}^0$				
$6A_{14}^1$		6	$3A_{14}^0$	3			2^{10}	6^1	$2A_{14}^0$	$3A_{14}^0$			$6B_{15}^1$	6	$3A_{15}^0$	3				2^{10}	6^1	$2A_{15}^0$	$3A_{15}^0$				
$6B_{14}^1$		6	$3A_{14}^0$	3			2^{10}	6^1	$3A_{14}^0$				$6C_{15}^1$	6	$6C_{15}^1$	6				2^{10}	6^1	$2B_{15}^0$					
$6C_{14}^1$		6	$3A_{14}^0$	3			2^{10}	6^1	$3A_{14}^0$				$6D_{15}^1$	9	$6D_{15}^1$	9	$3C_{30}^1$		2^{14}	$6^1 3^1$	$2C_{15}^0$	$3A_{15}^0$					
$6D_{14}^1$		6	$3A_{14}^0$	3			2^{10}	6^1	$2B_{14}^0$	$3A_{14}^0$										2^{12}	3^3	$3A_{15}^0$					
$6E_{14}^1$		12	$1B_{14}^1$	2	$6E_7^1$	$12A_7^1$	2^{18}	$6^1 3^2$	$2D_{14}^0$	$3B_{14}^1$			$9A_{15}^1$	9	$9A_{15}^1$	9											
$7A_{14}^1$		6	$1A_{14}^0$	1		$7G_2^1$		1^6	$7A_{14}^0$	$1A_{14}^1$			$10A_{15}^1$	4	$1B_{15}^0$	2	$30C_5^1$	$30D_5^1$		2^4	2^2	$1B_{15}^0$					
$7B_{14}^1$		12	$1A_{14}^0$	1	$14L_1^1$	$7N_2^1$	$14C_7^1$	1^{12}	$7B_{14}^0$	$7C_{14}^0$			$10B_{15}^1$	4	$1C_{15}^0$	2				2^4	2^2	$1C_{15}^0$					
									$1B_{14}^1$	$7A_{14}^1$			$10C_{15}^1$	8	$1B_{15}^0$	2	$30I_5^1$	$30J_5^1$		2^8	2^4	$2D_{15}^0$	$5A_{15}^0$				
$8A_{14}^1$		8	$2E_{14}^0$	4			2^{10}	$4^1 2^2$	$2E_{14}^0$				$10D_{15}^1$	12	$2E_{15}^0$	6	$5D_{30}^1$		2^8	$2^4 1^4$	$2E_{15}^0$	$5B_{15}^0$					
$8B_{14}^1$		8	$2E_{14}^0$	4			2^{10}	$4^1 2^2$	$2E_{14}^0$																		
$8C_{14}^1$		8	$4A_{14}^0$	4			2^{12}	4^2	$4A_{14}^0$				$12A_{15}^1$	4	$2B_{15}^0$	2				2^6	4^1	$2B_{15}^0$					
$8D_{14}^1$		8	$4A_{14}^0$	4			2^{12}	4^2	$4A_{14}^0$				$12B_{15}^1$	4	$2A_{15}^0$	2				2^6	4^1	$2A_{15}^0$					
$8E_{14}^1$		8	$4A_{14}^0$	4			2^{14}	8^1	$4A_{14}^0$				$12C_{15}^1$	4	$2B_{15}^0$	2				2^6	4^1	$2B_{15}^0$					
$8F_{14}^1$		8	$4A_{14}^0$	4			2^{14}	8^1	$4A_{14}^0$				$12D_{15}^1$	4	$2A_{15}^0$	2				2^6	4^1	$2A_{15}^0$					
$14A_{14}^1$		6	$7A_{14}^0$	3			2^6	2^3	$2B_{14}^0$	$7A_{14}^0$			$15A_{15}^1$	16	$1A_{15}^0$	1	$15I_1^1$	$15D_3^1$		1^{16}	$15A_{15}^0$	$15B_{15}^0$					
$14B_{14}^1$		6	$7A_{14}^0$	3			2^6	2^3	$2A_{14}^0$	$7A_{14}^0$							$15I_5^1$					$5A_{15}^1$					
$14C_{14}^1$		12	$7C_{14}^0$	6	$14D_7^1$	$28F_7^1$	2^6	$2^3 1^6$	$2D_{14}^0$	$7C_{14}^0$																	
$28A_{14}^1$		8	$2D_{14}^0$	4	$28A_7^1$	$28C_7^1$	2^6	$2^3 1^2$	$2D_{14}^0$				$1A_{17}^1$	$17-$	2	$1A_{17}^0$	1	$17A_1^1$		2^2	1^2	$1A_{17}^0$					
$28B_{14}^1$		8	$2D_{14}^0$	4	$28A_7^1$	$28B_7^1$	2^6	$2^3 1^2$	$2D_{14}^0$				$2A_{17}^1$	$34 + 17$	3	$2A_{17}^1$	3	$1B_{34}^1$		2^5	$2^1 1^1$	$1A_{17}^0$					
$28C_{14}^1$		8	$2D_{14}^0$	4	$28A_7^1$	$56A_7^1$	2^6	$4^1 1^4$	$2D_{14}^0$																		
$1A_{15}^1$	$15 + 3$	2	$1A_{15}^0$	1		$5A_3^1$		1^2	$1A_{15}^0$				$3A_{17}^1$	3	$3A_{17}^1$	3				2^7	3^1	$1A_{17}^0$					
$1B_{15}^1$	$15-$	4	$1A_{15}^0$	1	$15C_1^1$	$5C_3^1$	$3B_5^1$	1^4	$1B_{15}^0$	$1C_{15}^0$			$3B_{17}^1$	$51 + 17$	4	$3B_{17}^1$	4	$1A_{51}^1$		2^8	$3^1 1^1$	$1A_{17}^0$					
									$1A_{15}^1$				$4A_{17}^1$	4	$4A_{17}^1$	4				2^{10}	4^1	$1A_{17}^0$					
$2A_{15}^1$		2	$1A_{15}^0$	1			2^2	2^1	$1A_{15}^0$				$5A_{17}^1$	5	$5A_{17}^1$	5				2^{13}	5^1	$1A_{17}^0$					
$2B_{15}^1$		2	$1A_{15}^0$	1			2^2	2^1	$1A_{15}^0$																		
$2C_{15}^1$		4	$1A_{15}^0$	1			2^4	2^2	$1C_{15}^0$	$2A_{15}^0$			$17A_{17}^1$	4	$1A_{17}^0$	1	$17B_1^1$		2^4	1^4	$17A_{17}^0$	$17B_{17}^0$					
$2D_{15}^1$		4	$1A_{15}^0$	1			2^4	2^2	$1C_{15}^0$	$2B_{15}^0$			$17B_{17}^1$	8	$1A_{17}^0$	1	$17C_1^1$		2^8	1^8	$17C_{17}^0$	$17D_{17}^0$					
$2E_{15}^1$		6	$1A_{15}^0$	1		$2M_{30}^1$	2^6	2^3	$2C_{15}^0$	$2A_{15}^1$																	
$2F_{15}^1$	$30 + 5$	6	$2C_{15}^0$	3	$6H_5^1$	$3G_{10}^1$	$1F_{30}^1$	2^4	$2^2 1^2$	$1E_{15}^0$	$2C_{15}^0$		$34A_{17}^1$	2	$1A_{17}^0$	1				2^4	2^1	$1A_{17}^0$					
$2G_{15}^1$		6	$2C_{15}^0$	3		$2N_{30}^1$	2^6	2^3	$2A_{15}^0$	$2C_{15}^0$			$34B_{17}^1$	2	$1A_{17}^0$	1				2^4	2^1	$1A_{17}^0$					
$2H_{15}^1$		12	$1A_{15}^0$	1		$2R_{30}^1$	2^{12}	2^6	$2E_{15}^0$	$2F_{15}^0$			$34C_{17}^1$	4	$1A_{17}^0$	1				2^8	2^2	$2A_{17}^0$	$17B_{17}^0$				
									$2D_{15}^1$	$2E_{15}^1$			$34D_{17}^1$	4	$1A_{17}^0$	1				2^8	2^2	$2A_{17}^0$	$17A_{17}^0$				
$3A_{15}^1$		3	$3A_{15}^1$	3			2^4	3^1	$1A_{15}^0$																		
$3B_{15}^1$	$45 + 5$	6	$3B_{15}^1$	6	$3D_5^1$	$9B_5^1$	2^4	$3^1 1^3$	$1B_{15}^0$				$1A_{19}^1$	$19-$	2	$1A_{19}^0$	1	$19A_1^1$		3^2	1^2	$1A_{19}^0$					
$4A_{15}^1$		4	$4A_{15}^1$	4			2^6	4^1	$1A_{15}^0$																		
$4B_{15}^1$		6	$2C_{15}^0$	3	$2N_{30}^1$		2^6	$4^1 1^2$	$2C_{15}^0$				$2A_{19}^1$	2	$1A_{19}^0$	1				$3^2 2^2$	2^1	$1A_{19}^0$					
$4C_{15}^1$	$60 + 3, 5, 15$	6	$2C_{15}^0$	3	$2M_{30}^1$		2^6	$4^1 1^2$	$2C_{15}^0$				$2B_{19}^1$	$38 + 19$	3	$2B_{19}^1$	3	$1A_{38}^1$		2^6	$2^1 1^1$	$1A_{19}^0$					
$4D_{15}^1$		6	$2C_{15}^0$	3	$2J_{30}^1$		2^8	$4^1 2^1$	$2C_{15}^0$																		
$4E_{15}^1$		6	$2C_{15}^0$	3	$2H_{30}^1$		2^8	$4^1 2^1$	$2C_{15}^0$				$3A_{19}^1$	6	$3A_{19}^1$	3				2^{16}	3^2	$3A_{19}^0$					
$4F_{15}^1$		8	$4A_{15}^1$	4			2^{12}	4^2	$2A_{15}^0$	$4A_{15}^1$																	
$4G_{15}^1$	$60 + 15$	12	$2C_{15}^0$	3	$2R_{30}^1$		2^{12}	$4^2 1^4$	$2E_{15}^0$	$4A_{15}^1$			$4A_{19}^1$	4	$4A_{19}^1$	4				$3^1 2^{10}$	4^1	$1A_{19}^0$					

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	<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>	
$6A_{19}^1$	6	$1A_{19}^0$	1		2^{18}	6^1	$2A_{19}^0 3A_{19}^0$	$4B_{22}^1$	4	$2B_{22}^0$	2		2^{10}	4^1	$2B_{22}^0$	
$19A_{19}^1$	6	$1A_{19}^0$	1	$19B_1^1$	3^6	1^6	$19A_{19}^0 1A_{19}^1$	$4C_{22}^1$	8	$2C_{22}^0$	4	$4D_{11}^1 8C_{11}^1$	2^{18}	4^{12}	$2C_{22}^0$	
$38A_{19}^1$	6	$19A_{19}^0$	3		$3^6 2^6$	2^3	$2A_{19}^0 19A_{19}^0$	$11A_{22}^1$	10	$1A_{22}^0$	1	$11B_2^1$	2^{10}	1^{10}	$11A_{22}^0 1A_{22}^1$	
$76A_{19}^1$	4	$2A_{19}^0$	2		$3^4 2^6$	4^1	$2A_{19}^0$	$2A_{23}^1$	2	$1A_{23}^0$	1		2^6	2^1	$1A_{23}^0$	
$1A_{21}^1$	$21+7$	$2 1A_{21}^0$	1	$3A_7^1$	3^1	1^2	$1A_{21}^0$	$2B_{23}^1$	2	$1A_{23}^0$	1		2^6	2^1	$1A_{23}^0$	
$1B_{21}^1$	$21-$	$4 1A_{21}^0$	1	$21C_1^1 7A_3^1$	3^2	1^4	$1B_{21}^0 1C_{21}^0$	$2C_{23}^1$	6	$1A_{23}^0$	1	$2C_{46}^1$	2^{18}	2^3	$2A_{23}^0 2B_{23}^1$	
				$3C_7^1$			$1A_{21}^1$	$3A_{23}^1$	69+23	4	$3A_{23}^1$	4	$1A_{69}^1$	2^{12}	3^{11}	$1A_{23}^0$
$2A_{21}^1$	2	$1A_{21}^0$	1		$3^{12} 2^2$	2^1	$1A_{21}^0$	$4A_{23}^1$	92+23	6	$2A_{23}^0$	3	$2C_{46}^1$	2^{18}	4^{12}	$2A_{23}^0$
$2B_{21}^1$	2	$1A_{21}^0$	1		6^2	2^1	$1A_{21}^0$	$5A_{23}^1$	5	$5A_{23}^1$	5		2^{18}	5^1	$1A_{23}^0$	
$2C_{21}^1$	$42+3, 7, 21$	3	$2C_{21}^0$	3	$1A_{42}^1$	2^4	$2^{11} 1^1$	$1A_{26}^1$	26+13	2	$1A_{26}^0$	1	$2B_{13}^1$	2^3	1^2	$1A_{26}^0$
$2D_{21}^1$	4	$1A_{21}^0$	1	$14A_3^1$	$3^2 2^4$	2^2	$1C_{21}^0 2A_{21}^0$	$1B_{26}^1$	26+2	2	$1A_{26}^0$	1	$13A_2^1$	4^2	1^2	$1A_{26}^0$
$2E_{21}^1$	4	$1A_{21}^0$	1	$14B_3^1$	6^4	2^2	$1C_{21}^0 2B_{21}^0$	$2A_{26}^1$	2	$1A_{26}^0$	1		$4^2 2^2$	2^1	$1A_{26}^0$	
							$2B_{21}^1$	$2B_{26}^1$	4	$2A_{26}^0$	2		2^{10}	2^2	$2A_{26}^0$	
$3A_{21}^1$	3	$3A_{21}^1$	3		$6^1 3^{12} 3$	3^1	$1A_{21}^0$	$3A_{26}^1$	3	$3A_{26}^1$	3		$4^{12} 7$	3^1	$1A_{26}^0$	
$3B_{21}^1$	6	$1A_{21}^0$	1		2^{12}	3^2	$1B_{21}^0 3A_{21}^0$									
$4A_{21}^1$	4	$4A_{21}^1$	4		$6^{12} 7$	4^1	$1A_{21}^0$	$4A_{26}^1$	4	$1A_{26}^0$	1		2^{12}	4^1	$2A_{26}^0$	
$6A_{21}^1$	6	$1A_{21}^0$	1		2^{14}	6^1	$2B_{21}^0 3A_{21}^0$	$4B_{26}^1$	4	$2A_{26}^0$	2		2^{12}	4^1	$2A_{26}^0$	
$7A_{21}^1$	6	$7A_{21}^0$	3		2^4	1^6	$1B_{21}^0 7A_{21}^0$	$4C_{26}^1$	8	$1A_{26}^0$	1		2^{24}	4^2	$2C_{26}^0 4A_{26}^0$	
$14A_{21}^1$	6	$7A_{21}^0$	3		2^{10}	2^3	$2A_{21}^0 7A_{21}^0$									
$14B_{21}^1$	6	$14B_{21}^1$	6		$6^3 2^5$	2^3	$2B_{21}^0$	$13A_{26}^1$	4	$1B_{26}^0$	2		2^6	1^4	$1B_{26}^0$	
$21A_{21}^1$	6	$1C_{21}^0$	2	$21A_3^1 21B_3^1$	$6^3 2^7$	3^2	$1C_{21}^0$	$13B_{26}^1$	6	$1A_{26}^0$	1	$13B_2^1$	4^6	1^6	$13A_{26}^0 1B_{26}^1$	
$21B_{21}^1$	8	$1A_{21}^0$	1	$21I_1^1 21C_3^1$	3^4	1^8	$21A_{21}^0 21B_{21}^0$	$13C_{26}^1$	6	$13A_{26}^0$	3		2^9	1^6	$1B_{26}^0 13A_{26}^0$	
				$21C_7^1$			$1B_{21}^1$									
$21C_{21}^1$	9	$7A_{21}^0$	3		2^{18}	3^3	$3A_{21}^0 7A_{21}^0$									
$21D_{21}^1$	12	$1C_{21}^0$	2	$21D_3^1 21E_3^1$	2^8	1^{12}	$7B_{21}^0 21B_{21}^0$	$29A_{29}^1$	2	$1A_{29}^0$	1		2^6	1^2	$1A_{29}^0$	
								$29B_{29}^1$	2	$1A_{29}^0$	1		2^6	1^2	$1A_{29}^0$	
$28A_{21}^1$	4	$2A_{21}^0$	2		$3^2 2^6$	4^1	$2A_{21}^0$									
$28B_{21}^1$	4	$2A_{21}^0$	2		$3^2 2^6$	4^1	$2A_{21}^0$	$58A_{29}^1$	2	$1A_{29}^0$	1		2^8	2^1	$1A_{29}^0$	
$28C_{21}^1$	4	$2B_{21}^0$	2		$6^2 3^{12} 4$	4^1	$2B_{21}^0$	$58B_{29}^1$	2	$1A_{29}^0$	1		2^8	2^1	$1A_{29}^0$	
$28D_{21}^1$	4	$2B_{21}^0$	2		$6^2 3^{12} 4$	4^1	$2B_{21}^0$									
$42A_{21}^1$	4	$1B_{21}^0$	2		$3^2 2^4$	2^2	$1B_{21}^0$	$1A_{30}^1$	30+3, 10, 30	2	$1A_{30}^0$	1		2^2	1^2	$1A_{30}^0$
$42B_{21}^1$	4	$1C_{21}^0$	2	$42A_3^1 42B_3^1$	$6^2 3^{12} 2^2$	2^2	$1C_{21}^0$	$1B_{30}^1$	30+2, 5, 10	2	$1A_{30}^0$	1	$3A_{10}^1$	2^2	1^2	$1A_{30}^0$
$42C_{21}^1$	8	$1B_{21}^0$	2		$3^4 2^8$	2^4	$2C_{21}^0 21A_{21}^0$	$1C_{30}^1$	30+2, 3, 6	2	$1A_{30}^0$	1	$5A_6^1$	2^2	1^2	$1A_{30}^0$
							$42A_{21}^1$	$1D_{30}^1$	30+6	4	$1A_{30}^0$	1	$5D_6^1$	2^4	1^4	$1B_{30}^0 1C_{30}^0$
$1A_{22}^1$	$22+2$	$2 1A_{22}^0$	1	$11A_2^1$	2^2	1^2	$1A_{22}^0$	$1E_{30}^1$	30+30	4	$1A_{30}^0$	1		2^4	1^4	$1B_{30}^0 1D_{30}^0$
$1B_{22}^1$	$22+22$	$2 1A_{22}^0$	1		2^2	1^2	$1A_{22}^0$	$1F_{30}^1$	30+5	4	$1A_{30}^0$	1	$6H_5^1 3G_{10}^1$	2^4	1^4	$1B_{30}^0 1E_{30}^0$
												$2F_{15}^1$			$1B_{30}^1$	
$2A_{22}^1$	2	$1A_{22}^0$	1		2^4	2^1	$1A_{22}^0$	$2A_{30}^1$	2	$1A_{30}^0$	1		2^4	2^1	$1A_{30}^0$	
$2B_{22}^1$	$44+11$	4	$1B_{22}^0$	2	$2B_{11}^1 4B_{11}^1$	2^6	2^{12}	$2B_{30}^1$	2	$1A_{30}^0$	1		2^4	2^1	$1A_{30}^0$	
$2C_{22}^1$	4	$1B_{22}^0$	2	$2C_{11}^1 4A_{11}^1$	2^6	2^{12}	$1B_{22}^0$	$2C_{30}^1$	2	$1A_{30}^0$	1		2^4	2^1	$1A_{30}^0$	
$3A_{22}^1$	3	$3A_{22}^1$	3		2^7	3^1	$1A_{22}^0$	$2D_{30}^1$	2	$1A_{30}^0$	1		2^4	2^1	$1A_{30}^0$	
$3B_{22}^1$	$66+2, 11, 22$	4	$3B_{22}^1$	4	$1A_{66}^1$	2^8	3^{11}	$2E_{30}^1$	2	$1A_{30}^0$	1		2^4	2^1	$1A_{30}^0$	
								$2F_{30}^1$	2	$1A_{30}^0$	1		2^4	2^1	$1A_{30}^0$	
$4A_{22}^1$	4	$2A_{22}^0$	2		2^{10}	4^1	$2A_{22}^0$	$2G_{30}^1$	4	$1A_{30}^0$	1		2^8	2^2	$1C_{30}^0 2A_{30}^0$	

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	I	N	L	E	T	C	S		I	N	L	E	T	C	S			
$2H_{30}^1$	4	$1A_{30}^0$	1	$4E_{15}^1$	2^8	2^2	$1E_{30}^0 2A_{30}^0$	$2B_{30}^1$	$2A_{33}^1$	2	$1A_{33}^0$	1	2^6	2^1	$1A_{33}^0$			
$2I_{30}^1$	4	$1A_{30}^0$	1	$4D_{15}^1$	2^8	2^2	$1E_{30}^0 2E_{30}^0$	$2E_{30}^1$	$2B_{33}^1$	2	$1A_{33}^0$	1	2^6	2^1	$1A_{33}^0$			
$2J_{30}^1$	4	$1A_{30}^0$	1		2^8	2^2	$1C_{30}^0 2E_{30}^0$	$2A_{30}^1$	$2C_{33}^1$	66 + 3, 11, 33	3	$2C_{33}^1$	3	$1C_{66}^1$	2^8	2^{11}	$1A_{33}^0$	
$2K_{30}^1$	4	$1A_{30}^0$	1		2^8	2^2	$1D_{30}^0 2A_{30}^0$	$2E_{30}^1$	$2D_{33}^1$	4	$1A_{33}^0$	1	$6A_{11}^1$	2^{12}	2^2	$1B_{33}^0 2A_{33}^0$		
$2L_{30}^1$	4	$1A_{30}^0$	1		2^8	2^2	$1D_{30}^0 2B_{30}^0$	$2E_{30}^1$	$3A_{33}^1$	3	$3A_{33}^1$	3		2^{10}	3^1	$1A_{33}^0$		
$2M_{30}^1$	60 + 3, 5, 15	$4E_{30}^0$	2	$2E_{15}^1 4C_{15}^1$	2^6	2^{12}	$1E_{30}^0$	$2D_{30}^1$	$33A_{33}^1$	4	$1B_{33}^0$	2	$33A_{11}^1 33B_{11}^1$	2^8	1^4	$1B_{33}^0$		
$2N_{30}^1$	4	$1E_{30}^0$	2	$2G_{15}^1 4B_{15}^1$	2^6	2^{12}	$1E_{30}^0$	$2E_{30}^1$	$1A_{34}^1$	34 + 34	2	$1A_{34}^0$	1	2^5	1^2	$1A_{34}^0$		
$2O_{30}^1$	4	$2A_{30}^0$	2		2^8	2^2	$2A_{30}^0$	$2E_{30}^1$	$1B_{34}^1$	34 + 17	2	$1A_{34}^0$	1	$2A_{17}^1$	2^5	1^2	$1A_{34}^0$	
$2P_{30}^1$	4	$2A_{30}^0$	2		2^8	2^2	$2A_{30}^0$	$2E_{30}^1$	$1C_{34}^1$	34 + 2	2	$1A_{34}^0$	1	$17A_2^1$	$4^2 2^2$	1^2	$1A_{34}^0$	
$2Q_{30}^1$	8	$1A_{30}^0$	1	$4H_{15}^1$	2^{16}	2^4	$2D_{30}^0 2E_{30}^0$	$2H_{30}^1$	$2A_{34}^1$	2	$1A_{34}^0$	1		$4^2 2^4$	2^1	$1A_{34}^0$		
$2R_{30}^1$	60 + 15	$8E_{30}^0$	2	$2H_{15}^1 4G_{15}^1$	2^{12}	2^{14}	$1F_{30}^0 2D_{30}^0$	$2D_{30}^1$	$2B_{34}^1$	2	$1A_{34}^0$	1		$4^2 2^4$	2^1	$1A_{34}^0$		
$2S_{30}^1$	8	$2A_{30}^0$	2		2^{16}	2^4	$2C_{30}^0 2E_{30}^0$	$2M_{30}^1$	$2C_{34}^1$	4	$2A_{34}^0$	2		2^{14}	2^2	$2A_{34}^0$		
$3A_{30}^1$	3	$3A_{30}^1$	3		2^7	3^1	$1A_{30}^0$	$2P_{30}^1$	$3A_{34}^1$	3	$3A_{34}^1$	3		$4^1 2^{10}$	3^1	$1A_{34}^0$		
$3B_{30}^1$	6	$3A_{30}^0$	3		2^{14}	3^2	$1D_{30}^0 3A_{30}^0$	$2E_{30}^1$	$4A_{34}^1$	4	$1A_{34}^0$	1		2^{16}	4^1	$2A_{34}^0$		
$3C_{30}^1$	6	$3A_{30}^0$	3	$6D_{15}^1$	2^{14}	3^2	$1E_{30}^0 3A_{30}^0$	$2E_{30}^1$	$4B_{34}^1$	4	$2A_{34}^0$	2		2^{16}	4^1	$2A_{34}^0$		
$4A_{30}^1$	4	$2B_{30}^0$	2		2^{10}	4^1	$2E_{30}^0$	$17A_{34}^1$	$17A_{34}^1$	2	$1A_{34}^0$	1		2^5	1^2	$1A_{34}^0$		
$4B_{30}^1$	4	$2A_{30}^0$	2		2^{10}	4^1	$2A_{30}^0$	$17B_{34}^1$	$17B_{34}^1$	2	$1A_{34}^0$	1		2^5	1^2	$1A_{34}^0$		
$4C_{30}^1$	4	$2A_{30}^0$	2		2^{10}	4^1	$2A_{30}^0$	$17C_{34}^1$	$17C_{34}^1$	4	$1A_{34}^0$	1	$17B_2^1$	$4^4 2^4$	1^4	$17A_{34}^0 17B_{34}^0$		
$4D_{30}^1$	4	$2A_{30}^0$	2		2^{10}	4^1	$2A_{30}^0$	$17D_{34}^1$	$17D_{34}^1$	4	$17A_{34}^0$	2		2^{10}	1^4	$17A_{34}^0$		
$4E_{30}^1$	4	$2B_{30}^0$	2		2^{10}	4^1	$2E_{30}^0$	$17E_{34}^1$	$17E_{34}^1$	4	$17B_{34}^0$	2		2^{10}	1^4	$17B_{34}^0$		
$4F_{30}^1$	4	$2A_{30}^0$	2		2^{10}	4^1	$2A_{30}^0$	$17F_{34}^1$	$17F_{34}^1$	4	$17B_{34}^0$	2		$4^4 2^4$	1^4	$17B_{34}^0$		
$4G_{30}^1$	4	$2B_{30}^0$	2		2^{10}	4^1	$2E_{30}^0$	$17G_{34}^1$	$17G_{34}^1$	4	$17A_{34}^0$	2		$4^4 2^4$	1^4	$17A_{34}^0$		
$4H_{30}^1$	4	$2A_{30}^0$	2		2^{10}	4^1	$2A_{30}^0$											
$5A_{30}^1$	4	$1B_{30}^0$	2		2^4	1^4	$1E_{30}^0$	$34A_{34}^1$	$34A_{34}^1$	2	$1A_{34}^0$	1		2^7	2^1	$1A_{34}^0$		
$5B_{30}^1$	4	$1C_{30}^0$	2		2^4	1^4	$1C_{30}^0$	$34B_{34}^1$	$34B_{34}^1$	2	$1A_{34}^0$	1		2^7	2^1	$1A_{34}^0$		
$5C_{30}^1$	8	$1A_{30}^0$	1	$5I_6^1$	2^8	1^8	$5A_{30}^0 5B_{30}^0$	$34C_{34}^1$	$34C_{34}^1$	2	$1A_{34}^0$	1		$4^2 2^4$	2^1	$1A_{34}^0$		
$5D_{30}^1$	8	$1C_{30}^0$	2	$10D_{15}^1$	2^8	1^8	$1F_{30}^0 5A_{30}^0$	$34D_{34}^1$	$34D_{34}^1$	2	$1A_{34}^0$	1		$4^2 2^4$	2^1	$1A_{34}^0$		
$6A_{30}^1$	6	$3A_{30}^0$	3		2^{16}	6^1	$2B_{30}^0 3A_{30}^0$	$34E_{34}^1$	$34E_{34}^1$	4	$1A_{34}^0$	1		2^{14}	2^2	$2A_{34}^0 17B_{34}^0$		
$6B_{30}^1$	6	$3A_{30}^0$	3		2^{16}	6^1	$2A_{30}^0 3A_{30}^0$	$34F_{34}^1$	$34F_{34}^1$	4	$1A_{34}^0$	1		2^{14}	2^2	$2A_{34}^0 17A_{34}^0$		
$10A_{30}^1$	4	$1B_{30}^0$	2		2^8	2^2	$1B_{30}^0$	$34G_{34}^1$	$34G_{34}^1$	4	$17B_{34}^0$	2		$4^4 2^8$	2^2	$17B_{34}^0$		
$10B_{30}^1$	4	$1C_{30}^0$	2		2^8	2^2	$1C_{30}^0$	$34H_{34}^1$	$34H_{34}^1$	4	$17A_{34}^0$	2		$4^4 2^8$	2^2	$17A_{34}^0$		
$10C_{30}^1$	8	$1B_{30}^0$	2		2^{16}	2^4	$2C_{30}^0 5B_{30}^0$			$1A_{35}^1$	35 + 5	2	$1A_{35}^0$	1	$7A_5^1$	2^4	1^2	$1A_{35}^0$
$15A_{30}^1$	8	$5B_{30}^0$	4		2^8	1^8	$5B_{30}^0$	$1A_{35}^1$	$2A_{35}^1$	2	$1A_{35}^0$	1		2^6	2^1	$1A_{35}^0$		
$15B_{30}^1$	8	$5B_{30}^0$	4		2^8	1^8	$5B_{30}^0$	$2B_{35}^1$	$2B_{35}^1$	2	$1A_{35}^0$	1		2^6	2^1	$1A_{35}^0$		
$2A_{31}^1$	2	$1A_{31}^0$	1		$3^2 2^6$	2^1	$1A_{31}^0$	$2C_{35}^1$	$2C_{35}^1$	70 + 5, 7, 35	3	$2C_{35}^1$	3	$1C_{70}^1$	2^8	2^{11}	$1A_{35}^0$	
$2B_{31}^1$	2	$1A_{31}^0$	1		$3^2 2^6$	2^1	$1A_{31}^0$	$2D_{35}^1$	$2D_{35}^1$	4	$1A_{35}^0$	1		2^{12}	2^2	$1B_{35}^0 2A_{35}^0$		
$2C_{31}^1$	62 + 31	$3 2C_{31}^1$	3	$1A_{62}^1$	2^{12}	2^{11}	$1A_{31}^0$			$4A_{35}^1$	4	$4A_{35}^1$	4		2^{14}	4^1	$1A_{35}^0$	
$1A_{33}^1$	33 + 33	$2 1A_{33}^0$	1		2^4	1^2	$1A_{33}^0$			$5A_{35}^1$	4	$1B_{35}^0$	2		2^8	1^4	$1B_{35}^0$	

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	<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		
$7A_{35}^1$	6	$1A_{35}^0$	1	$7B_5^1$	2^{12}	1^6	$7A_{35}^0, 1A_{35}^1$	$2F_{42}^1$	4	$1A_{42}^0$	1		2^{12}	2^2	$1C_{42}^0, 2B_{42}^0$	$2C_{42}^1$	
$14A_{35}^1$	6	$7A_{35}^0$	3		2^{18}	2^3	$2A_{35}^0, 7A_{35}^1$	$2G_{42}^1$	4	$2B_{42}^0$	2		2^{12}	2^2	$2B_{42}^1$	$2B_{42}^0$	
$1A_{37}^1$	37+	$1A_{37}^1$	1		$3 \cdot 2^3$	1^1		$2H_{42}^1$	4	$2B_{42}^0$	2		2^{12}	2^2	$2B_{42}^0$	$2B_{42}^0$	
$1A_{38}^1$	38 + 19	2	$1A_{38}^0$	1	$2B_{19}^1$	2^6	1^2	$1A_{38}^0$	3	$3A_{42}^1$	3		2^{10}	3^1	$1A_{42}^0$		
$1B_{38}^1$	38 + 38	2	$1A_{38}^0$	1		2^6	1^2	$1A_{38}^0$	3	$3B_{42}^1$	3		2^{10}	3^1	$1A_{42}^0$		
$2A_{38}^1$	2	$1A_{38}^0$	1		2^8	2^1	$1A_{38}^0$	$4A_{42}^1$	4	$2A_{42}^0$	2		2^{14}	4^1	$2A_{42}^0$		
$2B_{38}^1$	2	$1A_{38}^0$	1		2^8	2^1	$1A_{38}^0$	$4B_{42}^1$	4	$2B_{42}^0$	2		2^{14}	4^1	$2B_{42}^0$		
								$4C_{42}^1$	4	$2B_{42}^0$	2		2^{14}	4^1	$2B_{42}^0$		
$3A_{38}^1$	3	$3A_{38}^1$	3		2^{13}	3^1	$1A_{38}^0$	$4D_{42}^1$	4	$2A_{42}^0$	2		2^{14}	4^1	$2A_{42}^0$		
								$4E_{42}^1$	4	$2B_{42}^0$	2		2^{14}	4^1	$2B_{42}^0$		
$4A_{38}^1$	4	$2A_{38}^0$	2		2^{18}	4^1	$2A_{38}^0$	$7A_{42}^1$	6	$1A_{42}^0$	1	$7B_6^1$	2^{12}	1^6	$7A_{42}^0, 1C_{42}^1$		
$19A_{38}^1$	3	$19A_{38}^1$	3		2^9	1^3	$1A_{38}^0$	$7B_{42}^1$	6	$7A_{42}^0$	3		2^{12}	1^6	$1B_{42}^0, 7A_{42}^0$		
								$7C_{42}^1$	6	$7A_{42}^0$	3		2^{12}	1^6	$1C_{42}^0, 7A_{42}^0$		
$1A_{39}^1$	39 + 3	2	$1A_{39}^0$	1	$13A_{13}^1$	$6^2 2^2$	1^2	$1A_{39}^0$	$14A_{42}^1$	6	$7A_{42}^0$	3		2^{18}	2^3	$2A_{42}^0, 7A_{42}^0$	
$2A_{39}^1$	2	$1A_{39}^0$	1		$3 \cdot 2^6$	2^1	$1A_{39}^0$	$21A_{42}^1$	4	$1B_{42}^0$	2		2^8	1^4	$1B_{42}^0$		
$2B_{39}^1$	2	$1A_{39}^0$	1		$3 \cdot 2^6$	2^1	$1A_{39}^0$	$21B_{42}^1$	4	$1C_{42}^0$	2		2^8	1^4	$1C_{42}^0$		
$2C_{39}^1$	2	$1A_{39}^0$	1		$6^2 2^4$	2^1	$1A_{39}^0$	$21C_{42}^1$	4	$1C_{42}^0$	2		2^8	1^4	$1C_{42}^0$		
$2D_{39}^1$	2	$1A_{39}^0$	1		$6^2 2^4$	2^1	$1A_{39}^0$	$21D_{42}^1$	4	$1B_{42}^0$	2		2^8	1^4	$1B_{42}^0$		
$2E_{39}^1$	78 + 3, 13, 39	3	$2E_{39}^1$	3	$1B_{78}^1$	2^{10}	$2^1 1^1$										
$3A_{39}^1$	6	$1A_{39}^0$	1		2^{24}	3^2	$1B_{39}^0, 3A_{39}^0$	$1A_{43}^1$	43+	$1A_{43}^1$	1		$3 \cdot 2^4$	1^1			
$13A_{39}^1$	2	$1A_{39}^0$	1		$3 \cdot 2^4$	1^2	$1A_{39}^0$	$2A_{46}^1$	2	$1A_{46}^0$	1		2^{10}	2^1	$1A_{46}^0$		
$13B_{39}^1$	2	$1A_{39}^0$	1		$3 \cdot 2^4$	1^2	$1A_{39}^0$	$2B_{46}^1$	2	$1A_{46}^0$	1		2^{10}	2^1	$1A_{46}^0$		
$13C_{39}^1$	3	$13C_{39}^1$	3		2^8	1^3	$1A_{39}^0$	$2C_{46}^1$	92 + 23	4	$1B_{46}^0$	2	$2C_{23}^1, 4A_{23}^1$	2^{18}	$2^1 1^2$	$1B_{46}^0$	
$13D_{39}^1$	4	$1A_{39}^0$	1		$3^2 2^8$	1^4	$1B_{39}^0, 13B_{39}^0$	$2A_{47}^1$	94 + 47	3	$2A_{47}^1$	3	$1A_{94}^1$	2^{20}	$2^1 1^1$	$1A_{47}^0$	
$13E_{39}^1$	4	$1A_{39}^0$	1		$3^2 2^8$	1^4	$1B_{39}^0, 13A_{39}^0$	$1A_{51}^1$	51 + 17	2	$1A_{51}^0$	1	$3B_{17}^1$	2^8	1^2	$1A_{51}^0$	
$13F_{39}^1$	4	$1A_{39}^0$	1	$13B_3^1$	$6^4 2^4$	1^4	$13A_{39}^0, 13B_{39}^0$	$1B_{51}^1$	51 + 51	2	$1A_{51}^0$	1		2^8	1^2	$1A_{51}^0$	
								$2A_{51}^1$	2	$1A_{51}^0$	1		2^{10}	2^1	$1A_{51}^0$		
$26A_{39}^1$	2	$1A_{39}^0$	1		$3 \cdot 2^6$	2^1	$1A_{39}^0$	$3A_{51}^1$	3	$3A_{51}^1$	3		2^{16}	3^1	$1A_{51}^0$		
$26B_{39}^1$	2	$1A_{39}^0$	1		$3 \cdot 2^6$	2^1	$1A_{39}^0$	$1A_{53}^1$	53+	$1A_{53}^1$	1		2^7	1^1			
$26C_{39}^1$	2	$1A_{39}^0$	1		$6^2 2^4$	2^1	$1A_{39}^0$										
$26D_{39}^1$	2	$1A_{39}^0$	1		$6^2 2^4$	2^1	$1A_{39}^0$										
$41A_{41}^1$	2	$1A_{41}^0$	1		2^{10}	1^2	$1A_{41}^0$	$1A_{55}^1$	55 + 11	2	$1A_{55}^0$	1	$5A_{11}^1$	2^8	1^2	$1A_{55}^0$	
$41B_{41}^1$	2	$1A_{41}^0$	1		2^{10}	1^2	$1A_{41}^0$	$1B_{55}^1$	55 + 55	2	$1A_{55}^0$	1		2^8	1^2	$1A_{55}^0$	
$1A_{42}^1$	42 + 3, 7, 21	2	$1A_{42}^0$	1	$2C_{21}^1$	2^4	1^2	$2A_{55}^1$	2	$1A_{55}^0$	1		2^{10}	2^1	$1A_{55}^0$		
$1B_{42}^1$	42 + 2, 7, 14	2	$1A_{42}^0$	1	$3A_{14}^1$	2^4	1^2	$2B_{55}^1$	2	$1A_{55}^0$	1		2^{10}	2^1	$1A_{55}^0$		
$1C_{42}^1$	42 + 2, 3, 6	2	$1A_{42}^0$	1	$7A_6^1$	2^4	1^2	$2C_{55}^1$	110 + 5, 11, 55	3	$2C_{55}^1$	3	$1A_{110}^1$	2^{14}	$2^1 1^1$	$1A_{55}^0$	
$1D_{42}^1$	42 + 2, 21, 42	2	$1A_{42}^0$	1		2^4	1^2										
$1E_{42}^1$	42 + 6, 7, 42	2	$1A_{42}^0$	1		2^4	1^2	$3A_{55}^1$	3	$3A_{55}^1$	3		2^{16}	3^1	$1A_{55}^0$		
$1F_{42}^1$	42 + 14	4	$1A_{42}^0$	1	$3D_{14}^1$	2^8	1^4	$5A_{55}^1$	4	$1A_{55}^0$	1	$5B_{11}^1$	2^{16}	1^4	$5A_{55}^0, 5B_{55}^0$		
								$1B_{42}^1$									
$2A_{42}^1$	2	$1A_{42}^0$	1		2^6	2^1	$1A_{42}^0$	$10A_{55}^1$	2	$1A_{55}^0$	1		2^{10}	2^1	$1A_{55}^0$		
$2B_{42}^1$	2	$1A_{42}^0$	1		2^6	2^1	$1A_{42}^0$	$10B_{55}^1$	2	$1A_{55}^0$	1		2^{10}	2^1	$1A_{55}^0$		
$2C_{42}^1$	2	$1A_{42}^0$	1		2^6	2^1	$1A_{42}^0$										
$2D_{42}^1$	2	$1A_{42}^0$	1		2^6	2^1	$1A_{42}^0$										
$2E_{42}^1$	4	$1A_{42}^0$	1		2^{12}	2^2	$1C_{42}^0, 2A_{42}^0$	$1A_{57}^1$	57+	$1A_{57}^1$	1		$6 \cdot 2^3$	1^1			

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	<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>		
$1A_{58}^1$	58+	1	$1A_{58}^1$	1	$4^1 2^4$	1^1		$3A_{78}^1$	3	$3A_{78}^1$	3		2^{19}	3^1	$1A_{78}^0$		
$2A_{59}^1$	2	$1A_{59}^0$	1		2^{18}	2^1	$1A_{59}^0$	$1A_{79}^1$	79+	1	$1A_{79}^1$	1	$3^1 2^{10}$	1^1			
$1A_{61}^1$	61+	1	$1A_{61}^1$	1	$3^1 2^7$	1^1		$1A_{82}^1$	82+	1	$1A_{82}^1$	1	$4^1 2^7$	1^1			
$1A_{62}^1$	62 + 31	2	$1A_{62}^0$	1	$2C_{31}^1$	2^{12}	1^2	$1A_{62}^0$	$1A_{83}^1$	83+	1	$1A_{83}^1$	1	2^{12}	1^1		
$2A_{62}^1$	2	$1A_{62}^0$	1		2^{14}	2^1	$1A_{62}^0$	$1A_{86}^1$	86+	1	$1A_{86}^1$	1	2^9	1^1			
$2B_{62}^1$	2	$1A_{62}^0$	1		2^{14}	2^1	$1A_{62}^0$	$2A_{87}^1$	2	$1A_{87}^0$	1		2^{18}	2^1	$1A_{87}^0$		
$3A_{62}^1$	3	$3A_{62}^1$	3		2^{22}	3^1	$1A_{62}^0$	$2B_{87}^1$	2	$1A_{87}^0$	1		2^{18}	2^1	$1A_{87}^0$		
$1A_{65}^1$	65+	1	$1A_{65}^1$	1	2^5	1^1		$1A_{89}^1$	89+	1	$1A_{89}^1$	1	2^{13}	1^1			
$1B_{65}^1$	65 + 65	2	$1A_{65}^0$	1	2^{10}	1^2	$1A_{65}^0$	$1A_{91}^1$	91+	1	$1A_{91}^1$	1	$3^1 2^6$	1^1			
$1A_{66}^1$	66 + 2, 11, 22	2	$1A_{66}^0$	1	$3B_{22}^1$	2^8	1^2	$1A_{66}^0$	$1A_{94}^1$	94 + 47	2	$1A_{94}^0$	1	$2A_{47}^1$	2^{20}	1^2	$1A_{94}^0$
$1B_{66}^1$	66 + 2, 33, 66	2	$1A_{66}^0$	1		2^8	1^2	$1A_{66}^0$	$1A_{95}^1$	95 + 95	2	$1A_{95}^0$	1		2^{16}	1^2	$1A_{95}^0$
$1C_{66}^1$	66 + 3, 11, 33	2	$1A_{66}^0$	1	$2C_{33}^1$	2^8	1^2	$1A_{66}^0$	$5A_{95}^1$	2	$1A_{95}^0$	1		2^{16}	1^2	$1A_{95}^0$	
$2A_{66}^1$	2	$1A_{66}^0$	1		2^{10}	2^1	$1A_{66}^0$	$5B_{95}^1$	2	$1A_{95}^0$	1		2^{16}	1^2	$1A_{95}^0$		
$2B_{66}^1$	2	$1A_{66}^0$	1		2^{10}	2^1	$1A_{66}^0$										
$2C_{66}^1$	2	$1A_{66}^0$	1		2^{10}	2^1	$1A_{66}^0$										
$2D_{66}^1$	2	$1A_{66}^0$	1		2^{10}	2^1	$1A_{66}^0$										
$2E_{66}^1$	4	$1A_{66}^0$	1		2^{20}	2^2	$1B_{66}^0, 2A_{66}^0, 2A_{66}^1$	$1A_{101}^1$	101+	1	$1A_{101}^1$	1		2^{15}	1^1		
$1A_{69}^1$	69 + 23	2	$1A_{69}^0$	1	$3A_{23}^1$	2^{12}	1^2	$1A_{102}^1$	102+	1	$1A_{102}^1$	1		2^7	1^1		
$2A_{69}^1$	2	$1A_{69}^0$	1		2^{14}	2^1	$1A_{69}^0$	$1A_{105}^1$	105 + 3, 35, 105	2	$1A_{105}^0$	1		2^{12}	1^2	$1A_{105}^0$	
$2B_{69}^1$	2	$1A_{69}^0$	1		2^{14}	2^1	$1A_{69}^0$	$1B_{105}^1$	105 + 15, 21, 35	2	$1A_{105}^0$	1		2^{12}	1^2	$1A_{105}^0$	
								$1C_{105}^1$	105 + 5, 7, 35	2	$1A_{105}^0$	1	$3A_{35}^1$	2^{12}	1^2	$1A_{105}^0$	
								$1D_{105}^1$	105 + 5, 21, 105	2	$1A_{105}^0$	1		2^{12}	1^2	$1A_{105}^0$	
$1A_{70}^1$	70 + 5, 14, 70	2	$1A_{70}^0$	1		2^8	1^2	$1A_{70}^0$	$2A_{105}^1$	2	$1A_{105}^0$	1		2^{14}	2^1	$1A_{105}^0$	
$1B_{70}^1$	70 + 2, 35, 70	2	$1A_{70}^0$	1		2^8	1^2	$1A_{70}^0$	$2B_{105}^1$	2	$1A_{105}^0$	1		2^{14}	2^1	$1A_{105}^0$	
$1C_{70}^1$	70 + 5, 7, 35	2	$1A_{70}^0$	1	$2C_{35}^1$	2^8	1^2	$1A_{70}^0$	$2C_{105}^1$	2	$1A_{105}^0$	1		2^{14}	2^1	$1A_{105}^0$	
$2A_{70}^1$	2	$1A_{70}^0$	1		2^{10}	2^1	$1A_{70}^0$	$1A_{110}^1$	110 + 5, 11, 55	2	$1A_{110}^0$	1	$2C_{55}^1$	2^{14}	1^2	$1A_{110}^0$	
$2B_{70}^1$	2	$1A_{70}^0$	1		2^{10}	2^1	$1A_{70}^0$	$1B_{110}^1$	110 + 2, 55, 110	2	$1A_{110}^0$	1		2^{14}	1^2	$1A_{110}^0$	
$2C_{70}^1$	2	$1A_{70}^0$	1		2^{10}	2^1	$1A_{70}^0$	$1C_{110}^1$	110 + 10, 11, 110	2	$1A_{110}^0$	1		2^{14}	1^2	$1A_{110}^0$	
$2D_{70}^1$	2	$1A_{70}^0$	1		2^{10}	2^1	$1A_{70}^0$										
$2E_{70}^1$	4	$1A_{70}^0$	1		2^{20}	2^2	$1B_{70}^0, 2A_{70}^0, 2D_{70}^1$										
$5A_{70}^1$	4	$1B_{70}^0$	2		2^{16}	1^4	$1B_{70}^0$	$2A_{110}^1$	2	$1A_{110}^0$	1		2^{16}	2^1	$1A_{110}^0$		
								$2B_{110}^1$	2	$1A_{110}^0$	1		2^{16}	2^1	$1A_{110}^0$		
$7A_{70}^1$	3	$7A_{70}^1$	3		2^{12}	1^3	$1A_{70}^0$	$1A_{111}^1$	111+	1	$1A_{111}^1$	1	$6^1 2^9$	1^1			
$1A_{74}^1$	74+	1	$1A_{74}^1$	1	$4^1 2^6$	1^1		$1A_{114}^1$	114+	1	$1A_{114}^1$	1	2^8	1^1			
$1A_{77}^1$	77+	1	$1A_{77}^1$	1	2^6	1^1		$1A_{118}^1$	118+	1	$1A_{118}^1$	1	2^{13}	1^1			
$1A_{78}^1$	78 + 2, 39, 78	2	$1A_{78}^0$	1		2^{10}	1^2	$1A_{119}^1$	119 + 119	2	$1A_{119}^0$	1		2^{20}	1^2	$1A_{119}^0$	
$1B_{78}^1$	78 + 3, 13, 39	2	$1A_{78}^0$	1	$2E_{39}^1$	2^{10}	1^2	$1A_{123}^1$	123+	1	$1A_{123}^1$	1	2^{12}	1^1			
$1C_{78}^1$	78 + 3, 26, 78	2	$1A_{78}^0$	1		2^{10}	1^2	$1A_{130}^1$	130+	1	$1A_{130}^1$	1	$4^1 2^7$	1^1			
$2A_{78}^1$	2	$1A_{78}^0$	1		2^{12}	2^1	$1A_{78}^0$	$1A_{131}^1$	131+	1	$1A_{131}^1$	1	2^{20}	1^1			
$2B_{78}^1$	2	$1A_{78}^0$	1		2^{12}	2^1	$1A_{78}^0$										
$2C_{78}^1$	2	$1A_{78}^0$	1		2^{12}	2^1	$1A_{78}^0$										
$2D_{78}^1$	2	$1A_{78}^0$	1		2^{12}	2^1	$1A_{78}^0$	$1A_{138}^1$	138+	1	$1A_{138}^1$	1	2^{10}	1^1			

C Cummins: Congruence Subgroups of Genus 0 and 1

	<i>I</i>	<i>N</i>	<i>L</i>	<i>E</i>	<i>T</i>	<i>C</i>	<i>S</i>
$1A_{141}^1$	141+	1	$1A_{141}^1$	1	2^{14}	1^1	
$1A_{142}^1$	142+	1	$1A_{142}^1$	1	2^{16}	1^1	
$1A_{143}^1$	143+	1	$1A_{143}^1$	1	2^{12}	1^1	
$1A_{145}^1$	145+	1	$1A_{145}^1$	1	2^{13}	1^1	
$1A_{155}^1$	155+	1	$1A_{155}^1$	1	2^{14}	1^1	
$1A_{159}^1$	159+	1	$1A_{159}^1$	1	2^{16}	1^1	
$1A_{174}^1$	174+	1	$1A_{174}^1$	1	2^{13}	1^1	
$1A_{182}^1$	182+	1	$1A_{182}^1$	1	2^{12}	1^1	
$1A_{190}^1$	190+	1	$1A_{190}^1$	1	2^{13}	1^1	
$1A_{195}^1$	195+	1	$1A_{195}^1$	1	2^{12}	1^1	
$1A_{210}^1$	210+	1	$1A_{210}^1$	1	2^{10}	1^1	
$1A_{222}^1$	222+	1	$1A_{222}^1$	1	2^{17}	1^1	
$1A_{231}^1$	231+	1	$1A_{231}^1$	1	2^{14}	1^1	
$1A_{238}^1$	238+	1	$1A_{238}^1$	1	2^{16}	1^1	

C Cummins: Congruence Subgroups of Genus 0 and 1

$L P G GT Ir$						C	$L P G GT Ir$						C	$L P G GT Ir$						C									
$1A^0$	$1A$	4^-a	1	1	1	$1A_1^0$	$15A^0$	$15B$	60^-b	1	1	$3B_5^0$	$15B^0$	$15A$	60^-a	1	1	$1A_{15}^0$	$27A^0$	$9b$	36^-f	1	1	1	$3B_3^0$				
$2A^0$	$2B$	$4A$	1	1	1	$2B_1^0$	$15C^0$	$15C$	60^-d	1	1	$1C_{15}^0$	$27B^0$	$27A$	108^-b	1	1	1	$27C^0$	$9c$	36^-g	3	1	1	$9C_1^0$	$3C_3^0$			
$2B^0$	$2A$	4^-b	1	1	1	$1A_2^0$	$16A^0$	$16C$	16^-e	1	1	$4F_1^0$	$16B^0$	$16B$	$16d$	4	1	1	$4G_1^0$	$8E_1^0$	$4G_2^0$	$27D^0$	$9a$	36^-b	3	1	$3A_3^0$		
$3A^0$	$3B$	12^-b	1	1	1	$3B_1^0$	$16B^0$	$16B$	$16d$	4	1	$4G_1^0$	$3B^0$	$3A$	12^-a	1	1	1	$4J_2^0$	$8M_2^0$	$28A^0$	$14b$	56^-b	2	1	1	$14C_1^0$	$2D_7^0$	
$3B^0$	$3A$	12^-a	1	1	1	$1A_3^0$	$16C^0$			1	2	2	$18C^0$	$18B$	36^-e	1	1	1	$4A_1^0$	$28B^0$	$14a$	56^-a	2	1	1	$2A_7^0$	$2A_7^0$		
$4A^0$	$2a$	8^-a	2	1	1	$2A_1^0$	$16D^0$			1	2	2	$18C^0$	$18E$	36^-k	1	1	1	$4D_1^0$	$28C^0$	$14c$	56^-c	2	1	1	$2B_7^0$	$2B_7^0$		
$4B^0$	$4C$	$8a$	2	1	1	$2C_1^0$							$18C^0$	$18F$	36^-l	3	1	1	$4D_1^0$	$28D^0$	$28C$	$56a$	2	1	1	$2E_7^0$	$4A_7^0$	$2D_{14}^0$	
$5A^0$	$5B$	20^-b	1	1	1	$5B_1^0$	$17A^0$	$17A$	68^-a	1	1	1	$18A^0$	$18C$	$36A$	1	1	1	$1A_{17}^0$	$29A^0$	$29A$	116^-a	1	1	1	$1A_{29}^0$			
$5B^0$	$5A$	20^-a	1	1	1	$1A_5^0$	$18A^0$	$18C$	$36A$	1	1	1	$18B^0$	$6d$	12^-g	1	1	1	$6G_1^0$	$3G_2^0$	$30A^0$	$30C$	$60B$	1	1	1	$2C_{15}^0$	$1E_{30}^0$	
$6A^0$	$6E$	$12B$	1	1	1	$6F_1^0$	$18C^0$	$18B$	36^-e	1	1	1	$18C^0$	$18E$	36^-e	1	1	1	$3A_2^0$	$30B^0$	$30G$	$60C$	1	1	1	$2E_{15}^0$	$1F_{30}^0$		
$6B^0$	$6D$	12^-f	1	1	1	$1E_6^0$	$18D^0$	18^-a	36^-d	1	1	1	$18D^0$	18^-a	36^-d	1	1	1	$3D_2^0$	$30C^0$	$30B$	60^-c	1	1	1	$1A_{30}^0$	$1A_{30}^0$		
$6C^0$	$6C$	$12A$	1	1	1	$3B_2^0$	$18E^0$	$18A$	36^-h	1	1	1	$18E^0$	$18A$	36^-h	1	1	1	$3E_2^0$	$30D^0$	$30D$	60^-g	1	1	1	$1B_{30}^0$	$1B_{30}^0$		
$6D^0$	$6A$	12^-d	1	1	1	$2C_3^0$	$18F^0$	$18E$	36^-k	1	1	1	$18F^0$	$18E$	36^-k	1	1	1	$3H_2^0$	$9B_3^0$	$30E^0$	$30A$	60^-e	1	1	1	$1C_{30}^0$	$1C_{30}^0$	
$6E^0$	$6B$	12^-e	1	1	1	$1A_6^0$	$18G^0$	$6F$	$12D$	3	1	1	$18G^0$	$6F$	$12D$	3	1	1	$3H_2^0$	$9B_3^0$	$30F^0$	$30F$	60^-l	1	1	1	$1D_{30}^0$	$1D_{30}^0$	
						$1B_6^0$	$18H^0$	$18D$	$36B$	3	1	1	$18H^0$	$18D$	$36B$	3	1	1	$6D_1^0$	$3C_2^0$	$31A^0$	$31A$	124^-a	1	1	1	$1A_{31}^0$	$1A_{31}^0$	
						$7C_1^0$													$6K_2^0$	$18F_1^0$	$3I_2^0$								
$7A^0$	$7B$	28^-b	1	1	1	$1A_7^0$	$19A^0$	$19A$	76^-a	1	1	1	$19A^0$	$19A$	76^-a	1	1	1	$9E_2^0$	$6H_3^0$	$3G_6^0$	$32A^0$	$32A$	32^-e	1	1	1	$4I_2^0$	$4I_2^0$
$7B^0$	$7A$	28^-a	1	1	1																	$32B^0$	$8b$	$8c$	2	1	1	$4E_2^0$	$4E_2^0$
																						$32C^0$	$16A$	16^-d	2	1	1	$4E_2^0$	$4E_2^0$
$8A^0$	$8A$	8^-d	1	1	1	$2E_2^0$	$20A^0$	$20F$	20^-g	1	1	1	$20A^0$	$20F$	20^-g	1	1	1	$2D_5^0$	$4B_5^0$	$2G_{10}^0$	$32D^0$	$8F$	$16a$	4	1	1	$8C_1^0$	$4D_2^0$
$8B^0$	$4D$	$8B$	2	1	1	$4C_1^0$	$20B^0$	$10a$	40^-a	2	1	1	$20B^0$	$10a$	40^-a	2	1	1	$2A_5^0$	$32E^0$	$8C$	16^-a	4	1	1	$4A_2^0$	$4A_2^0$		
$8C^0$	$8D$	$8E$	2	1	1	$4E_1^0$	$20C^0$	$20d$	$40a$	2	1	1	$20C^0$	$20d$	$40a$	2	1	1	$2D_5^0$	$4B_5^0$	$2G_{10}^0$	$32F^0$		1	2	2	i	$4H_2^0$	$4H_2^0$
						$4F_2^0$																$32G^0$		1	2	2	i	$4I_2^0$	$4I_2^0$
$8D^0$	$4B$	8^-b	2	1	1	$2A_2^0$	$21A^0$	$21B$	84^-b	1	1	1	$21A^0$	$21B$	84^-b	1	1	1	$7A_3^0$	$1C_{21}^0$									
$8E^0$	$4a$	8^-c	2	1	1	$2B_2^0$	$21B^0$	$21A$	84^-a	1	1	1	$21B^0$	$21A$	84^-a	1	1	1	$1A_{21}^0$	$33A^0$	$33A$	132^-a	1	1	1	$3A_{11}^0$	$1B_{33}^0$	$1B_{33}^0$	$1B_{33}^0$
							$21C^0$	$21D$	84^-d	1	1	1	$21C^0$	$21D$	84^-d	1	1	1	$1B_{21}^0$	$33B^0$	$33B$	132^-b	1	1	1	$1A_{33}^0$	$1A_{33}^0$	$1A_{33}^0$	$1A_{33}^0$
$9A^0$	$9A$	36^-a	1	1	1	$3C_1^0$	$22A^0$	$22B$	$44A$	1	1	1	$22A^0$	$22B$	$44A$	1	1	1	$2B_{11}^0$	$1B_{22}^0$	$34A^0$	$34A$	68^-b	1	1	1	$1A_{34}^0$	$1A_{34}^0$	
$9B^0$	$3C$	12^-c	3	1	1	$3A_1^0$	$22B^0$	$22A$	44^-b	1	1	1	$22B^0$	$22A$	44^-b	1	1	1	$1A_{22}^0$	$35A^0$	$35A$	140^-a	1	1	1	$1A_{35}^0$	$1A_{35}^0$		
$9C^0$	$9B$	36^-c	3	1	1	$3D_3^0$															$35B^0$	$35B$	140^-c	1	1	1	$1B_{35}^0$	$1B_{35}^0$	
$10A^0$	$10E$	$20C$	1	1	1	$1E_{10}^0$	$23A^0$	$23A$	92^-a	1	1	1	$23A^0$	$23A$	92^-a	1	1	1	$1A_{23}^0$	$36A^0$	36^-l	36^-m	1	1	1	$6H_1^0$	$12D_1^0$	$6H_2^0$	
$10B^0$	$10C$	20^-d	1	1	1	$5B_5^0$	$24A^0$	$24C$	24^-o	1	1	1	$24A^0$	$24C$	24^-o	1	1	1	$6M_2^0$	$2M_6^0$	$36B^0$	$36D$	36^-q	1	1	1	$6L_1^0$	$12G_1^0$	$6O_2^0$
$10C^0$	$10B$	$20A$	1	1	1	$2B_5^0$	$24B^0$	24^-j	24^-k	1	1	1	$24B^0$	24^-j	24^-k	1	1	1	$2I_6^0$	$36C^0$	6^-a	24^-i	2	1	1	$6B_1^0$	$6B_1^0$	$6B_1^0$	
$10D^0$	$10A$	20^-c	1	1	1	$1A_{10}^0$	$24C^0$	$24B$	24^-m	1	1	1	$24C^0$	$24B$	24^-m	1	1	1	$2J_6^0$	$36D^0$	$18c$	72^-a	2	1	1	$6E_1^0$	$6E_1^0$	$6E_1^0$	
$10E^0$	$10D$	20^-e	1	1	1	$1C_{10}^0$	$24D^0$	$24I$	24^-r	1	1	1	$24D^0$	$24I$	24^-r	1	1	1	$2N_6^0$	$36E^0$	12^-j	24^-s	2	1	1	$6H_1^0$	$12D_1^0$	$6H_2^0$	
							$24E^0$	$12G$	24^-h	2	1	1	$24E^0$	$$															

C Cummins: Congruence Subgroups of Genus 0 and 1

<i>L P G GT Ir</i>						<i>C</i>	<i>L P G GT Ir</i>						<i>C</i>	<i>L P G GT Ir</i>						<i>C</i>
40H ⁰	20E	40 ⁻ f	2	1	1	2E ₁₀ ⁰	60D ⁰	30a	120 ⁻ a	2	1	1	2B ₁₅ ⁰	87A ⁰	87A	348 ⁻ a	1	1	1	1A ₈₇ ⁰
41A ⁰	41A	164 ⁻ a	1	1	1	1A ₄₁ ⁰	60E ⁰	60a	120a	2	1	1	2F ₁₅ ⁰ 4A ₁₅ ⁰ 2D ₃₀ ⁰	88A ⁰	44b	88A	2	1	1	4B ₁₁ ⁰ 2C ₂₂ ⁰
42A ⁰	42A	84 ⁻ e	1	1	1	1A ₄₂ ⁰	62A ⁰	62A	124 ⁻ b	1	1	1	1A ₆₂ ⁰	88B ⁰	44a	88 ⁻ b	2	1	1	2A ₂₂ ⁰
42B ⁰	42B	84 ⁻ f	1	1	1	1B ₄₂ ⁰	63A ⁰	63 ⁻ a	252 ⁻ b	1	1	1	3B ₇ ⁰	88C ⁰	44c	88 ⁻ c	2	1	1	2B ₂₂ ⁰
42C ⁰	42D	84 ⁻ g	1	1	1	1C ₄₂ ⁰	63B ⁰	21C	84 ⁻ c	3	1	1	3A ₇ ⁰	90A ⁰	30b	60 ⁻ j	1	1	1	3A ₁₀ ⁰
44A ⁰	22a	88 ⁻ a	2	1	1	2A ₁₁ ⁰	64A ⁰	16b	16c	2	1	1	4F ₁ ⁰ 8E ₁ ⁰ 4G ₂ ⁰	90B ⁰	90 ⁻ a	180 ⁻ f	1	1	1	3C ₁₀ ⁰
45A ⁰	15a	60 ⁻ h	1	1	1	3A ₅ ⁰	64B ⁰	32B	32 ⁻ d	2	1	1	8I ₁ ⁰ 4K ₂ ⁰	90C ⁰	30E	60 ⁻ i	3	1	1	3B ₁₀ ⁰
45B ⁰	45A	180 ⁻ a	1	1	1	3D ₅ ⁰	64C ⁰	16 ⁻ b	16 ⁻ c	2	1	1	4C ₂ ⁰	94A ⁰	94A	188 ⁻ b	1	1	1	1A ₉₄ ⁰
45C ⁰	15D	60 ⁻ f	3	1	1	15C ₁ ⁰ 3C ₅ ⁰	64D ⁰			1	4	2 i 2	8G ₁ ⁰	95A ⁰	95A	380 ⁻ a	1	1	1	1A ₉₅ ⁰
46A ⁰	46A	92A	1	1	1	2A ₂₃ ⁰ 1B ₄₆ ⁰	66A ⁰	66A	132 ⁻ c	1	1	1	1A ₆₆ ⁰	96A ⁰	24f	24g	2	1	1	4A ₆ ⁰
46B ⁰	46C	92 ⁻ b	1	1	1	1A ₄₆ ⁰	66B ⁰	66B	132 ⁻ d	1	1	1	1B ₆₆ ⁰	96B ⁰	24d	24e	2	1	1	4B ₆ ⁰
47A ⁰	47A	188 ⁻ a	1	1	1	1A ₄₇ ⁰	68A ⁰	34a	136 ⁻ a	2	1	1	2A ₁₇ ⁰	96C ⁰	48A	48 ⁻ i	2	1	1	4C ₆ ⁰
48A ⁰	48 ⁻ j	48 ⁻ k	1	1	1	4J ₃ ⁰ 8D ₃ ⁰ 4J ₆ ⁰	69A ⁰	69A	276 ⁻ a	1	1	1	1A ₆₉ ⁰	96D ⁰	48 ⁻ g	48 ⁻ h	2	1	1	4H ₆ ⁰
48B ⁰	48h	48 ⁻ n	4	1	1	4K ₃ ⁰ 8F ₃ ⁰ 4M ₆ ⁰	70A ⁰	70A	140 ⁻ b	1	1	1	1A ₇₀ ⁰	96E ⁰	24G	48 ⁻ c	4	1	1	12D ₂ ⁰ 4E ₆ ⁰
48C ⁰			1	2	2 i	4A ₃ ⁰	70B ⁰	70B	140 ⁻ d	1	1	1	1B ₇₀ ⁰	96F ⁰	24F	48 ⁻ f	4	1	1	4F ₆ ⁰
48D ⁰			1	2	2 i	4E ₃ ⁰	71A ⁰	71A	284 ⁻ a	1	1	1	1A ₇₁ ⁰	96G ⁰			1	2	2 i	4K ₆ ⁰
48E ⁰			1	2	2 i	4F ₃ ⁰								96H ⁰			1	2	2 i	4L ₆ ⁰
49A ⁰	49a	196 ⁻ a	1	1	1	7H ₁ ⁰	72A ⁰	72 ⁻ j	72 ⁻ k	1	1	1	6I ₂ ⁰	98A ⁰			1	2	1 $\bar{7}$	7A ₂ ⁰ 7B ₂ ⁰
49B ⁰			1	2	1 $\bar{7}$	7A ₁ ⁰ 7B ₁ ⁰	72B ⁰	72 ⁻ p	72 ⁻ q	1	1	1	6P ₂ ⁰	98B ⁰			1	2	1 $\bar{7}$	7C ₂ ⁰ 7D ₂ ⁰
49C ⁰			1	2	1 $\bar{7}$	7D ₁ ⁰ 7E ₁ ⁰	72C ⁰	72 ⁻ o	72 ⁻ r	2	1	1	12H ₁ ⁰ 6N ₂ ⁰	100A ⁰	10c	40 ⁻ g	2	1	1	10A ₁ ⁰
50A ⁰	10b	20 ⁻ h	1	1	1	5A ₂ ⁰	72D ⁰	12e	24 ⁻ l	2	1	1	6A ₂ ⁰	100B ⁰			1	2	2 5	10E ₁ ⁰
50B ⁰	50A	100 ⁻ c	1	1	1	5E ₂ ⁰	72E ⁰	12 ⁻ i	24 ⁻ p	2	1	1	6B ₂ ⁰	104A ⁰	52A	104 ⁻ c	2	1	1	2A ₂₆ ⁰
50C ⁰	50a	100 ⁻ d	1	1	1	5H ₂ ⁰	72F ⁰	12f	24 ⁻ n	2	1	1	6C ₂ ⁰	104B ⁰	52a	104 ⁻ b	2	1	1	2B ₂₆ ⁰
50D ⁰			1	2	1 5	5C ₂ ⁰	72G ⁰	36C	72 ⁻ c	2	1	1	6F ₂ ⁰	104C ⁰	52B	104 ⁻ d	2	1	1	2C ₂₆ ⁰
50E ⁰			1	2	1 5	5E ₂ ⁰	72H ⁰	36 ⁻ o	72 ⁻ i	2	1	1	6G ₂ ⁰	105A ⁰	105A	420 ⁻ a	1	1	1	1A ₁₀₅ ⁰
51A ⁰	51A	204 ⁻ a	1	1	1	1A ₅₁ ⁰	72I ⁰	12J	24E	6	1	1	12C ₁ ⁰ 6E ₂ ⁰	108A ⁰	18g	72 ⁻ e	2	1	1	6C ₃ ⁰
52A ⁰	26a	104 ⁻ a	2	1	1	2A ₁₃ ⁰	72J ⁰			1	2	1 $\bar{3}$	6J ₂ ⁰ 6K ₂ ⁰	108B ⁰	18f	72 ⁻ d	2	1	1	6D ₃ ⁰
54A ⁰	18a	36 ⁻ i	1	1	1	3A ₆ ⁰	72K ⁰			1	2	2 $\bar{3}$	6Q ₂ ⁰	108C ⁰	18i	72 ⁻ f	6	1	1	18C ₁ ⁰ 6F ₃ ⁰
54B ⁰	18h	36 ⁻ n	1	1	1	3B ₆ ⁰	75A ⁰	15b	60 ⁻ k	1	1	1	5A ₃ ⁰	108D ⁰	18b	72 ⁻ b	6	1	1	6A ₃ ⁰
54C ⁰	54A	108 ⁻ g	1	1	1	3F ₆ ⁰	75B ⁰			1	2	1 5	5B ₃ ⁰	108E ⁰			1	2	2 $\bar{3}$	6I ₃ ⁰
54D ⁰	18e	36b	3	1	1	6E ₃ ⁰ 3C ₆ ⁰	76A ⁰	38a	152 ⁻ a	2	1	1	2A ₁₉ ⁰	108F ⁰			3	2	2 $\bar{3}$	6B ₃ ⁰
54E ⁰	18d	36 ⁻ j	3	1	1	3D ₆ ⁰	78A ⁰	78A	156 ⁻ d	1	1	1	1A ₇₈ ⁰	110A ⁰	110A	220 ⁻ b	1	1	1	1A ₁₁₀ ⁰
54F ⁰			1	2	1 $\bar{3}$	3F ₆ ⁰	78B ⁰	78B	156 ⁻ e	1	1	1	1B ₇₈ ⁰	116A ⁰	58a	232 ⁻ a	2	1	1	2A ₂₉ ⁰
55A ⁰	55A	220 ⁻ a	1	1	1	1A ₅₅ ⁰	80A ⁰			1	2	2 i	4A ₅ ⁰	117A ⁰	39B	156 ⁻ b	3	1	1	3A ₁₃ ⁰
56A ⁰	56A	56 ⁻ g	1	1	1	2E ₁₄ ⁰	80B ⁰			1	2	2 i	4D ₅ ⁰	119A ⁰	119A	476 ⁻ a	1	1	1	1A ₁₁₉ ⁰
56B ⁰	28a	56 ⁻ e	2	1	1	2A ₁₄ ⁰	81A ⁰	9d	36 ⁻ p	1	1	1	9A ₁ ⁰	120A ⁰	120 ⁻ g	120 ⁻ h	1	1	1	2E ₃₀ ⁰
56C ⁰	28A	56 ⁻ d	2	1	1	2B ₁₄ ⁰	81B ⁰	27a	108 ⁻ c	1	1	1	9E ₁ ⁰	120B ⁰	60A	120 ⁻ d	2	1	1	2A ₃₀ ⁰
56D ⁰	28D	56 ⁻ f	2	1	1	2C ₁₄ ⁰	81C ⁰	27b	108 ⁻ a	3	1	1	9D ₁ ⁰	120C ⁰	60b	120 ⁻ f	2	1	1	2B ₃₀ ⁰
59A ⁰	59A	236 ⁻ a	1	1	1	1A ₅₉ ⁰	81D ⁰	27c	108 ⁻ d	3	1	1	9H ₁ ⁰ 9I ₁ ⁰ 27A ₁ ⁰ 9F ₃ ⁰ 9G ₃ ⁰	120D ⁰	60E	120 ⁻ i	2	1	1	2C ₃₀ ⁰
60A ⁰	60D	60 ⁻ m	1	1	1	2F ₁₅ ⁰ 4A ₁₅ ⁰ 2D ₃₀ ⁰	84A ⁰	42a	168 ⁻ a	2	1	1	2A ₂₁ ⁰	121A ⁰			1	2	1 $\bar{11}$	11A ₁ ⁰ 11B ₁ ⁰
60B ⁰	30c	120 ⁻ b	2	1	1	6B ₅ ⁰ 2D ₁₅ ⁰	84B ⁰	42b	168 ⁻ b	2	1	1	2B ₂₁ ⁰	125A ⁰			1	2	1 5	5D ₅ ⁰ 5E ₅ ⁰
60C ⁰	30d	120 ⁻ c	2	1	1	2A ₁₅ ⁰	84C ⁰	42d	168 ⁻ e	2	1	1	2C ₂₁ ⁰							

C Cummins: Congruence Subgroups of Genus 0 and 1

$L P G GT I_r$						C	$L P G GT I_r$						C	$L P G GT I_r$						C
126A ⁰	42c	84 ⁻ h	1	1	1	3A ₁₄ ⁰	200B ⁰		2	2	1	5	10C ₂ ⁰	360A ⁰	60c	120 ⁻ l	2	1	1	6A ₁₀ ⁰
126B ⁰	126 ⁻ a	252 ⁻ c	1	1	1	3C ₁₄ ⁰								360B ⁰	60e	120 ⁻ m	2	1	1	6B ₁₀ ⁰
126C ⁰	42C	84C	3	1	1	6B ₁₄ ⁰ 3B ₁₄ ⁰	204A ⁰	102a	408 ⁻ a	2	1	1	2A ₅₁ ⁰	360C ⁰	60F	120 ⁻ j	6	1	1	6C ₁₀ ⁰
128A ⁰	16e	16f	2	1	1	8G ₂ ⁰	216A ⁰	36h	72 ⁻ l	2	1	1	6A ₆ ⁰	384A ⁰	48e	48f	2	1	1	8A ₆ ⁰
128B ⁰	16g	16h	2	1	1	8H ₂ ⁰	216B ⁰	36a	72 ⁻ g	2	1	1	6B ₆ ⁰	384B ⁰	48c	48d	2	1	1	8B ₆ ⁰
128C ⁰	32b	32 ⁻ c	4	1	1	8K ₂ ⁰	216C ⁰	36d	72 ⁻ h	2	1	1	6C ₆ ⁰	384C ⁰	96 ⁻ a	96 ⁻ b	4	1	1	8C ₆ ⁰
128D ⁰			2	2	2	8S ₂ ⁰	216D ⁰	36c	72 ⁻ m	2	1	1	6D ₆ ⁰							
							216E ⁰	36e	72b	6	1	1	12N ₃ ⁰ 6F ₆ ⁰	392A ⁰			2	2	1	7 14A ₂ ⁰ 14B ₂ ⁰
132A ⁰	66a	264 ⁻ a	2	1	1	2A ₃₃ ⁰	216F ⁰	36g	72 ⁻ n	6	1	1	6E ₆ ⁰							
135A ⁰	45a	180 ⁻ b	1	1	1	3A ₁₅ ⁰	224A ⁰	56b	56c	2	1	1	4A ₁₄ ⁰	416A ⁰	104A	208 ⁻ a	4	1	1	4A ₂₆ ⁰
135B ⁰	45b	180 ⁻ c	3	1	1	3B ₁₅ ⁰	224B ⁰	56B	112 ⁻ c	4	1	1	4C ₁₄ ⁰	432A ⁰			3	2	2	i 12E ₃ ⁰
136A ⁰	68A	136 ⁻ b	2	1	1	2A ₃₄ ⁰	225A ⁰			3	2	1	15 15A ₁ ⁰ 15B ₁ ⁰	441A ⁰			3	2	1	7 21A ₁ ⁰ 21B ₁ ⁰
140A ⁰	70a	280 ⁻ a	2	1	1	2A ₃₅ ⁰	243A ⁰	27d	108 ⁻ e	3	1	1	9A ₃ ⁰	448A ⁰	112 ⁻ a	112 ⁻ b	2	1	1	4B ₁₄ ⁰
							243B ⁰	27e	108 ⁻ h	3	1	1	9B ₃ ⁰							
144A ⁰			1	2	2	12F ₁ ⁰								500A ⁰			2	2	1	5 10J ₅ ⁰ 10L ₅ ⁰
144B ⁰			3	2	2	12A ₁ ⁰	252A ⁰			3	2	2	3 6A ₇ ⁰							
150A ⁰	30e	60 ⁻ n	1	1	1	5A ₆ ⁰	256A ⁰	32c	32d	2	1	1	8L ₁ ⁰ 16F ₁ ⁰ 8W ₂ ⁰	512A ⁰	64a	8	1	1	16D ₆ ⁰	
150B ⁰			1	2	1	5B ₆ ⁰	256B ⁰	32 ⁻ a	32 ⁻ b	4	1	1	8A ₂ ⁰	512B ⁰			2	2	2	i 16C ₂ ⁰
							256C ⁰	32e	8	1	1	8P ₁ ⁰ 8Q ₁ ⁰ 16H ₁ ⁰	512C ⁰			2	2	2	2 16B ₂ ⁰	
152A ⁰	76a	152 ⁻ b	2	1	1	2A ₃₈ ⁰							16I ₁ ⁰ 32A ₁ ⁰ 8Y ₂ ⁰	576A ⁰	48 ⁻ l	48 ⁻ m	2	1	1	12C ₂ ⁰
												8Z ₂ ⁰ 8AB ₂ ⁰ 16E ₂ ⁰								
160A ⁰	40b	40c	2	1	1	4B ₁₀ ⁰	256D ⁰	32a	8	1	1	16C ₁ ⁰ 8J ₂ ⁰	600A ⁰	60d	120 ⁻ n	2	1	1	10A ₆ ⁰	
160B ⁰	80 ⁻ d	80 ⁻ e	2	1	1	4E ₁₀ ⁰	256E ⁰			2	2	2	i 8F ₂ ⁰							
160C ⁰	40d	80a	4	1	1	8A ₅ ⁰ 4D ₁₀ ⁰	256F ⁰			2	2	1	2 8A ₁ ⁰ 8B ₁ ⁰	648A ⁰	36 ⁻ s	72 ⁻ t	2	1	1	18A ₂ ⁰
160D ⁰	40A	80 ⁻ a	4	1	1	4A ₁₀ ⁰	256G ⁰			2	2	2	2 8T ₂ ⁰	648B ⁰	36i	72 ⁻ s	2	1	1	18B ₂ ⁰
							256H ⁰			2	2	2	2 8F ₁ ⁰	648C ⁰	108 ⁻ k	216 ⁻ c	6	1	1	18C ₂ ⁰
162A ⁰	18j	36 ⁻ r	1	1	1	9A ₂ ⁰	256I ⁰			2	2	2	2 8I ₂ ⁰							
162B ⁰	54a	108 ⁻ i	1	1	1	9D ₂ ⁰	256J ⁰			2	4	2	i 2 8B ₂ ⁰ 8C ₂ ⁰	675A ⁰	45c	180 ⁻ g	3	1	1	15A ₃ ⁰
162C ⁰	54 ⁻ a	108 ⁻ f	3	1	1	9C ₂ ⁰	256K ⁰			2	4	4	i 2 8J ₁ ⁰ 8K ₁ ⁰ 16E ₁ ⁰	756A ⁰	126a	504 ⁻ a	6	1	1	6A ₂₁ ⁰
162D ⁰	54b	108 ⁻ j	3	1	1	9F ₂ ⁰ 9G ₂ ⁰ 9C ₆ ⁰							8L ₂ ⁰ 8U ₂ ⁰ 8V ₂ ⁰							
164A ⁰	82a	328 ⁻ a	2	1	1	2A ₄₁ ⁰	264A ⁰	132a	264 ⁻ b	2	1	1	2A ₆₆ ⁰	768A ⁰			2	2	1	2 8A ₃ ⁰ 8B ₃ ⁰
													768B ⁰			2	2	2	2 8E ₃ ⁰	
168A ⁰	84a	168 ⁻ d	2	1	1	2A ₄₂ ⁰	270A ⁰	90a	180 ⁻ d	1	1	1	3A ₃₀ ⁰	800A ⁰	40e	80 ⁻ f	4	1	1	20A ₂ ⁰
168B ⁰	84A	168 ⁻ c	2	1	1	2B ₄₂ ⁰	270B ⁰	90b	180 ⁻ e	3	1	1	3B ₃₀ ⁰							
168C ⁰	84B	168 ⁻ f	2	1	1	2C ₄₂ ⁰														
171A ⁰	57A	228 ⁻ a	3	1	1	3A ₁₉ ⁰	279A ⁰	93A	372 ⁻ a	3	1	1	3A ₃₁ ⁰	864A ⁰	72c	72d	2	1	1	12H ₆ ⁰
													864B ⁰	72e	144 ⁻ e	12	1	1	12F ₆ ⁰	
175A ⁰	35a	140 ⁻ e	1	1	1	5A ₇ ⁰	280A ⁰	140a	280 ⁻ b	2	1	1	2A ₇₀ ⁰	972A ⁰	54d	216 ⁻ b	6	1	1	18A ₃ ⁰
176A ⁰			1	2	2	4A ₁₁ ⁰	288A ⁰	24i	24j	2	1	1	12B ₂ ⁰	1024A ⁰			2	2	1	2 16A ₁ ⁰ 16B ₁ ⁰
							288B ⁰	144 ⁻ c	144 ⁻ d	2	1	1	12F ₂ ⁰	1024B ⁰			4	2	2	2 16G ₁ ⁰
							288C ⁰	24 ⁻ t	48 ⁻ o	4	1	1	12A ₂ ⁰	1024C ⁰			4	2	2	2 16A ₂ ⁰
180A ⁰	30 ⁻ a	120 ⁻ e	2	1	1	6A ₅ ⁰	288D ⁰	24J	48g	12	1	1	24A ₁ ⁰ 12E ₂ ⁰							
189A ⁰	63a	252 ⁻ a	3	1	1	3A ₂₁ ⁰	300A ⁰	30f	120 ⁻ k	2	1	1	10A ₃ ⁰	1280A ⁰	160 ⁻ a	160 ⁻ b	4	1	1	8A ₁₀ ⁰
192A ⁰	48a	48b	2	1	1	4J ₃ ⁰ 8D ₃ ⁰ 4J ₆ ⁰	320A ⁰	80 ⁻ b	80 ⁻ c	2	1	1	4C ₁₀ ⁰	1728A ⁰	144 ⁻ a	144 ⁻ b	2	1	1	12G ₆ ⁰
192B ⁰	48 ⁻ a	48 ⁻ b	2	1	1	4C ₆ ⁰														
192C ⁰	48 ⁻ d	48 ⁻ e	2	1	1	4D ₆ ⁰	324A ⁰	54c	216 ⁻ a	6	1	1	18E ₁ ⁰	2304A ⁰	96a	24	1	1	48A ₁ ⁰ 24C ₂ ⁰	
							324B ⁰			2	2	1	3 18A ₁ ⁰ 18B ₁ ⁰	2304B ⁰			2	2	2	i 24A ₂ ⁰
196A ⁰			2	2	1	7 14A ₁ ⁰ 14B ₁ ⁰	351A ⁰	117a	468 ⁻ a	3	1	1	3A ₃₉ ⁰	2304C ⁰			2	2	2	2 24B ₂ ⁰
200A ⁰	20e	40 ⁻ j	2	1	1	10A ₂ ⁰														

C Cummins: Congruence Subgroups of Genus 0 and 1

P	G	GT	Ir	C	P	G	GT	Ir	C	P	G	GT	Ir	C	
11A ¹	1	1	1	11A ₁ ¹ 1A ₁₁ ¹	32A ¹	2	1	1	4C ₂ ¹	45B ¹	1	1	1	3A ₅ ¹	
14A ¹	1	1	1	14E ₁ ¹ 7F ₂ ¹ 2A ₇ ¹	32B ¹	4	1	1	8A ₁ ¹ 4B ₂ ¹	45C ¹	1	1	1	3D ₅ ¹ 9B ₅ ¹ 3B ₁₅ ¹	
14B ¹	1	1	1	1B ₁₄ ¹ 7A ₂ ¹ 1A ₁₄ ¹	32C ¹	4	1	1	8B ₁ ¹ 16A ₁ ¹ 4D ₂ ¹ 8H ₂ ¹	45D ¹	1	1	1	3D ₅ ¹ 9B ₅ ¹ 3B ₁₅ ¹	
15A ¹	1	1	1	15C ₁ ¹ 5C ₃ ¹ 3B ₅ ¹	32D ¹	4	1	1	8F ₁ ¹ 16E ₁ ¹ 32A ₁ ¹ 4F ₂ ¹ 8X ₂ ¹ 16I ₂ ¹	48A ¹	1	1	1	4F ₃ ¹ 8D ₃ ¹ 4N ₆ ¹	
15B ¹	1	1	1	1B ₁₅ ¹ 5A ₃ ¹ 1A ₁₅ ¹	32E ¹	4	1	1	4A ₁ ¹	48B ¹	1	1	1	4I ₃ ¹ 8K ₃ ¹ 16E ₃ ¹ 4V ₆ ¹ 8O ₆ ¹	
17A ¹	1	1	1	17A ₁ ¹ 1A ₁₇ ¹	33A ¹	1	1	1	1A ₃₃ ¹	48C ¹	1	2	2	i	12A ₁ ¹ 4B ₃ ¹
19A ¹	1	1	1	19A ₁ ¹ 1A ₁₉ ¹	34A ¹	1	1	1	17A ₂ ¹ 1C ₃₄ ¹	48D ¹	1	2	2	i	12I ₁ ¹ 4G ₃ ¹
20A ¹	2	1	1	10A ₁ ¹ 2B ₅ ¹	34B ¹	1	1	1	2A ₁₇ ¹ 1B ₃₄ ¹	49A ¹	1	1	1	7B ₁ ¹ 49A ₁ ¹ 7A ₇ ¹	
20B ¹	2	1	1	10G ₁ ¹ 20E ₁ ¹	34C ¹	1	1	1	1A ₃₄ ¹	50A ¹	1	1	1	10B ₁ ¹ 5A ₂ ¹	
20C ¹	2	1	1	10F ₂ ¹ 2D ₅ ¹ 4D ₅ ¹	35A ¹	1	1	1	7A ₅ ¹ 1A ₃₅ ¹	50B ¹	1	1	1	10I ₁ ¹ 5D ₂ ¹	
20D ¹	2	1	1	2H ₁₀ ¹ 2A ₅ ¹ 2C ₅ ¹ 4A ₅ ¹ 2E ₁₀ ¹	36A ¹	2	1	1	6B ₁ ¹	50C ¹	1	1	1	5E ₂ ¹ 25A ₂ ¹ 5A ₁₀ ¹	
21A ¹	1	1	1	21C ₁ ¹ 7A ₃ ¹ 3C ₇ ¹	36B ¹	2	1	1	6E ₁ ¹ 12K ₁ ¹ 6M ₂ ¹	50D ¹	1	2	1	5	10F ₁ ¹ 5C ₂ ¹
21B ¹	1	1	1	1B ₂₁ ¹ 3A ₇ ¹ 1A ₂₁ ¹	36C ¹	6	1	1	6A ₁ ¹	51A ¹	1	1	1	3B ₁₇ ¹ 1A ₅₁ ¹	
22A ¹	1	1	1	11A ₂ ¹ 1A ₂₂ ¹	36D ¹	6	1	1	6C ₁ ¹ 12B ₁ ¹ 6C ₂ ¹	51B ¹	1	1	1	1B ₅₁ ¹	
22B ¹	1	1	1	1B ₂₂ ¹	36E ¹	6	1	1	6D ₁ ¹ 18C ₁ ¹ 6D ₃ ¹	52A ¹	2	1	1	26A ₁ ¹ 2C ₁₃ ¹	
24A ¹	2	1	1	12F ₁ ¹ 6I ₂ ¹ 4C ₃ ¹	36F ¹	6	1	1	6F ₁ ¹ 12T ₁ ¹ 18J ₁ ¹ 36C ₁ ¹ 6Q ₂ ¹ 18F ₂ ¹ 6K ₃ ¹ 12P ₃ ¹ 6I ₆ ¹	52B ¹	2	1	1	2A ₁₃ ¹	
24B ¹	2	1	1	12Q ₁ ¹ 24I ₁ ¹ 6P ₂ ¹	37A ¹	1	1	1	1A ₃₇ ¹	54A ¹	1	1	1	9A ₂ ¹ 3C ₆ ¹	
24C ¹	2	1	1	12V ₂ ¹ 4H ₃ ¹ 8J ₃ ¹	38A ¹	1	1	1	2B ₁₉ ¹ 1A ₃₈ ¹	54B ¹	1	1	1	9B ₂ ¹ 3D ₆ ¹	
24D ¹	2	1	1	2H ₆ ¹ 4U ₆ ¹	38B ¹	1	1	1	1B ₃₈ ¹	54C ¹	1	1	1	6C ₃ ¹ 3E ₆ ¹	
24E ¹	2	1	1	6B ₃ ¹ 2B ₆ ¹	39A ¹	1	1	1	13A ₃ ¹ 1A ₃₉ ¹	54D ¹	1	1	1	6J ₃ ¹ 3E ₆ ¹	
24F ¹	2	1	1	4A ₃ ¹ 2D ₆ ¹	40A ¹	1	1	1	2F ₁₀ ¹	54E ¹	1	1	1	3A ₆ ¹	
24G ¹	2	1	1	4D ₃ ¹ 2E ₆ ¹	40B ¹	1	1	1	2I ₁₀ ¹	54F ¹	1	1	1	3F ₆ ¹	
24H ¹	2	1	1	4E ₃ ¹ 8C ₃ ¹ 2F ₆ ¹	40C ¹	2	1	1	20F ₁ ¹ 10E ₂ ¹ 4E ₅ ¹	55A ¹	1	1	1	5A ₁₁ ¹ 1A ₅₅ ¹	
26A ¹	1	1	1	4M ₆ ¹	40D ¹	2	1	1	2G ₁₀ ¹	55B ¹	1	1	1	1B ₅₅ ¹	
26B ¹	1	1	1	2A ₆ ¹	40E ¹	2	1	1	10B ₂ ¹ 2B ₁₀ ¹	56A ¹	1	1	1	2F ₁₄ ¹	
27A ¹	3	1	1	2C ₆ ¹	40F ¹	2	1	1	4B ₅ ¹ 2C ₁₀ ¹	56B ¹	1	1	1	2H ₁₄ ¹	
27B ¹	3	1	1	2C ₆ ¹	40G ¹	2	1	1	2A ₁₀ ¹ 2D ₁₀ ¹	56C ¹	2	1	1	4C ₇ ¹ 2C ₁₄ ¹	
28A ¹	1	1	1	13A ₂ ¹ 1B ₂₆ ¹	42A ¹	1	1	1	7A ₆ ¹ 1C ₄₂ ¹	56D ¹	2	1	1	4D ₇ ¹ 2D ₁₄ ¹	
28B ¹	1	1	1	2B ₁₃ ¹ 1A ₂₆ ¹	42B ¹	1	1	1	3A ₁₄ ¹ 1B ₄₂ ¹	56E ¹	2	1	1	4F ₇ ¹ 8A ₇ ¹ 2G ₁₄ ¹ 4E ₁₄ ¹	
30A ¹	1	1	1	9A ₃ ¹ 3A ₃ ¹	42C ¹	1	1	1	3D ₁₄ ¹ 1F ₄₂ ¹	56F ¹	2	1	1	2A ₁₄ ¹	
30B ¹	1	1	1	9D ₁ ¹ 27A ₁ ¹ 3B ₃ ¹	42D ¹	1	1	1	2C ₂₁ ¹ 1A ₄₂ ¹	56G ¹	2	1	1	2B ₁₄ ¹	
30C ¹	1	1	1	9D ₁ ¹	42E ¹	1	1	1	1D ₄₂ ¹	57A ¹	1	1	1	1A ₅₇ ¹	
30D ¹	1	1	1		42F ¹	1	1	1	1E ₄₂ ¹	58A ¹	1	1	1	1A ₅₈ ¹	
30E ¹	1	1	1		43A ¹	1	1	1	1A ₄₃ ¹	60A ¹	1	1	1	2G ₁₅ ¹ 4B ₁₅ ¹	
30F ¹	1	1	1		44A ¹	1	1	1	2C ₁₁ ¹ 4A ₁₁ ¹					2N ₃₀ ¹	
					44B ¹	2	1	1	2C ₂₂ ¹	60B ¹	2	1	1	2A ₁₅ ¹	
					44C ¹	2	1	1	2A ₁₁ ¹	60C ¹	2	1	1	2B ₁₅ ¹	
					44D ¹	2	1	1	2B ₁₁ ¹ 4B ₁₁ ¹	60D ¹	2	1	1	2C ₁₅ ¹	
									2B ₂₂ ¹	60E ¹	2	1	1	2D ₁₅ ¹	
									2C ₂₂ ¹	60F ¹	2	1	1	2E ₁₅ ¹ 4C ₁₅ ¹	
									2C ₁₁ ¹ 4A ₁₁ ¹					2M ₃₀ ¹	
									2C ₃₂ ¹	60G ¹	2	1	1	2G ₁₅ ¹ 4B ₁₅ ¹	
														2N ₃₀ ¹	
					45A ¹	1	1	1	15E ₁ ¹ 3C ₁₅ ¹	60H ¹	2	1	1	2H ₁₅ ¹ 4G ₁₅ ¹	

Table 4: Moonshine groups of genus 1.

C Cummins: Congruence Subgroups of Genus 0 and 1

P	G	GT	Ir	C	P	G	GT	Ir	C	P	G	GT	Ir	C
				$2R_{30}^1$	$80A^1$	1	1	1	$4F_5^1 8B_5^1 4K_{10}^1$					$7E_2^1$
					$80B^1$	1	1	1	$4G_5^1 8C_5^1 4J_{10}^1$					$7C_2^1 7D_2^1$
$61A^1$	1	1	1	$1A_{61}^1$	$80C^1$	1	2	i	$20D_{14}^1 4C_5^1$					
														$99A^1$
														$99B^1$
$62A^1$	1	1	1	$2C_{31}^1 1A_{62}^1$	$81A^1$	1	1	1	$9H_1^1$					$3A_{11}^1$
					$81B^1$	1	2	$\bar{3}$	$9B_{19}^1 9C_1^1$					$3B_{11}^1$
$63A^1$	1	1	1	$3B_7^1$										$100A^1$
$63B^1$	1	1	1	$3D_7^1$	$82A^1$	1	1	1	$1A_{82}^1$					$100B^1$
														$10E_1^1$
														$10C_1^1$
$64A^1$	1	1	1	$8I_1^1 16H_1^1 8AD_2^1$	$83A^1$	1	1	1	$1A_{83}^1$					$101A^1$
$64B^1$	2	1	1	$8C_1^1 4E_2^1$										
$64C^1$	1	4	$2i$	$8E_1^1$	$84A^1$	2	1	1	$14A_3^1 2D_{21}^1$					$102A^1$
$64D^1$	4	4	$2i$	$8I_1^1 16H_1^1 8AD_2^1$	$84B^1$	2	1	1	$14B_3^1 2E_{21}^1$					$1A_{102}^1$
					$84C^1$	2	1	1	$2A_{21}^1$					$104A^1$
					$84D^1$	2	1	1	$2B_{21}^1$					$2B_{26}^1$
$65A^1$	1	1	1	$1A_{65}^1$										$104B^1$
$65B^1$	1	1	1	$1B_{65}^1$										$2A_{26}^1$
					$86A^1$	1	1	1	$1A_{86}^1$					$105A^1$
$66A^1$	1	1	1	$3B_{22}^1 1A_{66}^1$										$3A_{35}^1 1C_{105}^1$
$66B^1$	1	1	1	$2C_{33}^1 1C_{66}^1$	$88A^1$	2	1	1	$2A_{22}^1$					$105B^1$
$66C^1$	1	1	1	$1B_{66}^1$										$105C^1$
														$105D^1$
					$89A^1$	1	1	1	$1A_{89}^1$					
$69A^1$	1	1	1	$3A_{23}^1 1A_{69}^1$										$108A^1$
					$90A^1$	1	1	1	$15D_2^1 3F_{10}^1$					$6G_3^1$
$70A^1$	1	1	1	$2C_{35}^1 1C_{70}^1$	$90B^1$	1	1	1	$6D_3^1 3D_{10}^1$					$108B^1$
$70B^1$	1	1	1	$1A_{70}^1$										$6H_3^1 12G_3^1 6C_6^1$
$70C^1$	1	1	1	$1B_{70}^1$	$90C^1$	1	1	1	$3B_{10}^1$					$6A_{13}^1$
					$90D^1$	1	1	1	$3C_{10}^1$					$108C^1$
					$90E^1$	1	1	1	$3E_{10}^1$					$108D^1$
					$90F^1$	1	1	1	$3H_{10}^1$					$6F_3^1 12F_3^1 6D_6^1$
$72A^1$	1	1	1	$6H_2^1$										$108E^1$
$72B^1$	1	1	1	$6N_2^1$	$91A^1$	1	1	1	$1A_{91}^1$					$6H_3^1 12G_3^1 6C_6^1$
$72C^1$	2	1	1	$12C_1^1 6E_2^1$										$6B_3^1$
$72D^1$	2	1	1	$12M_1^1 6K_2^1$										$108F^1$
$72E^1$	2	1	1	$12U_1^1 6R_2^1$	$92A^1$	2	1	1	$2A_{23}^1$					$108G^1$
$72F^1$	2	1	1	$6A_2^1$	$92B^1$	2	1	1	$2B_{23}^1$					$6I_3^1$
$72G^1$	2	1	1	$6D_2^1$	$92C^1$	2	1	1	$2C_{23}^1 4A_{23}^1$					$18D_1^1 6E_3^1$
$72H^1$	2	1	1	$6F_2^1$					$2C_{46}^1$					$18K_1^1 6L_3^1$
$72I^1$	2	1	1	$6G_2^1$										
$72J^1$	2	1	1	$6G_2^1$	$94A^1$	1	1	1	$2A_{47}^1 1A_{94}^1$					$110A^1$
$72K^1$	2	1	1	$6O_2^1 18B_2^1 6E_6^1$										$2C_{55}^1 1A_{110}^1$
$72L^1$	2	1	1	$6O_2^1 18B_2^1 6E_6^1$	$95A^1$	1	1	1	$1A_{95}^1$					$110B^1$
$72M^1$	2	2	$\bar{3}$	$12L_1^1 12N_1^1 6J_2^1$										$110C^1$
				$6L_2^1$										$1C_{110}^1$
					$96A^1$	1	1	1	$4Y_6^1$					$111A^1$
					$96B^1$	1	1	1	$4Y_6^1$					$1A_{111}^1$
					$96C^1$	2	1	1	$12E_2^1 4K_6^1$					$112A^1$
$74A^1$	1	1	1	$1A_{74}^1$	$96D^1$	2	1	1	$12U_2^1 4S_6^1$					$4A_7^1$
					$96E^1$	2	1	1	$4A_6^1$					$4E_7^1$
$75A^1$	1	1	1	$15B_1^1 5B_3^1$	$96F^1$	2	1	1	$4D_6^1$					
$75B^1$	1	1	1	$5D_3^1$	$96G^1$	2	1	1	$4F_6^1$					$117A^1$
$75C^1$	1	1	1	$5G_3^1$	$96H^1$	2	1	1	$4G_6^1$					$3A_{13}^1$
$75D^1$	1	2	1	$5D_3^1$	$96I^1$	2	1	1	$4H_6^1$					$118A^1$
					$96J^1$	2	1	1	$4I_6^1$					$1A_{118}^1$
					$96K^1$	2	1	1	$4L_6^1$					
$76A^1$	2	1	1	$2A_{19}^1$	$96L^1$	2	1	1	$4Q_6^1$					$119A^1$
					$96M^1$	1	2	i	$12W_2^1 4X_6^1$					$1A_{119}^1$
$77A^1$	1	1	1	$1A_{77}^1$	$96N^1$	1	2	i	$4O_6^1$					$120A^1$
					$96O^1$	1	2	i	$4P_6^1$					$120B^1$
$78A^1$	1	1	1	$2E_{39}^1 1B_{78}^1$	$96P^1$	1	2	i	$4W_6^1$					$120C^1$
$78B^1$	1	1	1	$1A_{78}^1$										$2S_{30}^1$
$78C^1$	1	1	1	$1C_{78}^1$										$120D^1$
														$4D_{15}^1 2I_{30}^1$
														$4E_{15}^1 2H_{30}^1$
														$4H_{15}^1 2Q_{30}^1$
$79A^1$	1	1	1	$1A_{79}^1$	$98A^1$	1	1	1	$7H_2^1$					$120E^1$
					$98B^1$	1	2	$\bar{7}$	$14C_1^1 14D_1^1 7B_2^1$					$120F^1$
														$120G^1$
														$120H^1$
														$120I^1$
														$120J^1$
														$120K^1$
														$2A_{30}^1$
														$2B_{30}^1$
														$2C_{30}^1$
														$2D_{30}^1$
														$2E_{30}^1$

C Cummins: Congruence Subgroups of Genus 0 and 1

P	G	GT	Ir	C	P	G	GT	Ir	C	P	G	GT	Ir	C			
120L ¹	2	1	1	2F ₃₀ ¹	150A ¹	1	1	1	15E ₂ ¹ 5C ₆ ¹	180F ¹	2	1	1	6G ₅ ¹			
120M ¹	2	1	1	2G ₃₀ ¹	150B ¹	1	1	1	10B ₃ ¹ 5B ₆ ¹	180G ¹	1	2	2	3	6C ₅ ¹		
120N ¹	2	1	1	2J ₃₀ ¹	150C ¹	1	1	1	5E ₆ ¹								
120O ¹	2	1	1	2K ₃₀ ¹	150D ¹	1	2	1	5	5E ₆ ¹	182A ¹	1	1	1	1	1A ₁₈₂ ¹	
120P ¹	2	1	1	2L ₃₀ ¹													
					152A ¹	2	1	1	2A ₃₈ ¹	184A ¹	2	1	1	2A ₄₆ ¹			
123A ¹	1	1	1	1A ₁₂₃ ¹	152B ¹	2	1	1	2B ₃₈ ¹	184B ¹	2	1	1	2B ₄₆ ¹			
124A ¹	2	1	1	2A ₃₁ ¹	153A ¹	1	1	1	3A ₁₇ ¹	189A ¹	1	1	1	3A ₂₁ ¹			
124B ¹	2	1	1	2B ₃₁ ¹						189B ¹	3	1	1	3B ₂₁ ¹			
					155A ¹	1	1	1	1A ₁₅₅ ¹								
126A ¹	1	1	1	6F ₇ ¹ 3E ₁₄ ¹						190A ¹	1	1	1	1	1A ₁₉₀ ¹		
126B ¹	1	1	1	3B ₁₄ ¹	156A ¹	2	1	1	2A ₃₉ ¹								
126C ¹	1	1	1	3C ₁₄ ¹	156B ¹	2	1	1	2B ₃₉ ¹	192A ¹	2	1	1	4F ₃ ¹ 8D ₃ ¹ 4N ₆ ¹			
					156C ¹	2	1	1	2C ₃₉ ¹	192B ¹	2	1	1	4I ₃ ¹ 8K ₃ ¹ 16E ₃ ¹			
128A ¹	2	1	1	16D ₁ ¹ 8N ₂ ¹	156D ¹	2	1	1	2D ₃₉ ¹								
128B ¹	2	1	1	8B ₂ ¹						192C ¹	2	1	1	8E ₆ ¹ 4J ₆ ¹			
128C ¹	2	1	1	8C ₂ ¹	159A ¹	1	1	1	1A ₁₅₉ ¹	192D ¹	2	1	1	8F ₃ ¹ 4E ₆ ¹			
128D ¹	2	1	1	8M ₂ ¹						192E ¹	2	1	1	8L ₃ ¹ 4R ₆ ¹			
128E ¹	2	1	1	8AA ₂ ¹	160A ¹	2	1	1	4C ₁₀ ¹	192F ¹	2	1	1	8M ₃ ¹ 4T ₆ ¹			
128F ¹	2	2	1	i	160B ¹	2	1	1	4G ₁₀ ¹	192G ¹	2	1	1	4B ₆ ¹			
128G ¹	2	4	2	i	160C ¹	2	1	1	4H ₁₀ ¹	192H ¹	2	1	1	4C ₆ ¹			
					160D ¹	4	1	1	8A ₅ ¹ 4F ₁₀ ¹	192I ¹	1	4	2	i	2	8I ₃ ¹	
130A ¹	1	1	1	1A ₁₃₀ ¹	160E ¹	4	1	1	8E ₅ ¹ 4N ₁₀ ¹								
					160F ¹	4	1	1	4A ₁₀ ¹	195A ¹	1	1	1	1	1A ₁₉₅ ¹		
131A ¹	1	1	1	1A ₁₃₁ ¹	160G ¹	4	1	1	4B ₁₀ ¹								
					160H ¹	4	1	1	4E ₁₀ ¹	196A ¹	2	1	1	14K ₁ ¹			
132A ¹	2	1	1	6A ₁₁ ¹ 2D ₃₃ ¹	160I ¹	1	2	2	i	4L ₁₀ ¹	196B ¹	2	2	1	7	14A ₁ ¹ 14B ₁ ¹	
132B ¹	2	1	1	2A ₃₃ ¹	160J ¹	1	2	2	i	4M ₁₀ ¹	196C ¹	2	2	1	7	14F ₁ ¹ 14G ₁ ¹	
132C ¹	2	1	1	2B ₃₃ ¹													
					162A ¹	1	1	1	18E ₁ ¹ 9D ₂ ¹	198A ¹	1	1	1	3A ₂₂ ¹			
135A ¹	1	1	1	3A ₁₅ ¹	162B ¹	1	1	1	18I ₁ ¹ 9J ₂ ¹								
					162C ¹	1	1	1	9C ₂ ¹	200A ¹	1	1	1	1	10C ₂ ¹		
136A ¹	1	1	1	2C ₃₄ ¹	162D ¹	1	1	1	9J ₂ ¹ 27A ₂ ¹ 9H ₆ ¹	200B ¹	2	1	1	1	10A ₂ ¹		
136B ¹	2	1	1	2A ₃₄ ¹						200C ¹	2	1	1	1	10G ₂ ¹		
136C ¹	2	1	1	2B ₃₄ ¹	168A ¹	1	1	1	2G ₄₂ ¹	200D ¹	2	1	1	1	10H ₂ ¹		
					168B ¹	1	1	1	2H ₄₂ ¹	200E ¹	2	2	1	5	10G ₂ ¹		
138A ¹	1	1	1	1A ₁₃₈ ¹	168C ¹	2	1	1	2A ₄₂ ¹								
					168D ¹	2	1	1	2B ₄₂ ¹	204A ¹	2	1	1	2A ₅₁ ¹			
140A ¹	2	1	1	2A ₃₅ ¹	168E ¹	2	1	1	2C ₄₂ ¹								
140B ¹	2	1	1	2B ₃₅ ¹	168F ¹	2	1	1	2D ₄₂ ¹	208A ¹	1	2	2	i	4A ₁₃ ¹		
140C ¹	2	1	1	2D ₃₅ ¹	168G ¹	2	1	1	2E ₄₂ ¹								
					168H ¹	2	1	1	2F ₄₂ ¹	210A ¹	1	1	1	1	1A ₂₁₀ ¹		
141A ¹	1	1	1	1A ₁₄₁ ¹													
					171A ¹	1	1	1	3A ₁₉ ¹	216A ¹	1	1	1	6F ₆ ¹			
142A ¹	1	1	1	1A ₁₄₂ ¹						216B ¹	1	1	1	6G ₆ ¹			
					174A ¹	1	1	1	1A ₁₇₄ ¹	216C ¹	2	1	1	6A ₆ ¹			
143A ¹	1	1	1	1A ₁₄₃ ¹						216D ¹	2	1	1	6B ₆ ¹			
					175A ¹	1	2	1	5	5A ₇ ¹	216E ¹	2	1	1	6H ₆ ¹		
144A ¹	1	1	1	12O ₁ ¹ 24G ₁ ¹						216F ¹	2	2	1	3	6H ₆ ¹		
144B ¹	3	1	1	12N ₂ ¹	176A ¹	1	1	1	4D ₁₁ ¹ 8C ₁₁ ¹								
				12J ₁ ¹ 24E ₁ ¹					4C ₂₂ ¹	220A ¹	2	1	1	2A ₅₅ ¹			
144C ¹	1	2	2	i	12H ₂ ¹	176B ¹	1	2	2	i	4C ₁₁ ¹	220B ¹	2	1	1	2B ₅₅ ¹	
144D ¹	1	2	2	i	12G ₁ ¹												
144E ¹	1	4	2	i	12F ₁ ¹	180A ¹	2	1	1	30D ₁ ¹ 16E ₅ ¹	222A ¹	1	1	1	1	1A ₂₂₂ ¹	
144F ¹	3	4	2	i	12H ₁ ¹	180B ¹	2	1	1	6A ₅ ¹							
				12E ₁ ¹	180C ¹	2	1	1	6B ₅ ¹	224A ¹	2	1	1	4A ₁₄ ¹			
					180D ¹	2	1	1	6F ₅ ¹	224B ¹	2	1	1	4B ₁₄ ¹			
145A ¹	1	1	1	1A ₁₄₅ ¹	180E ¹	2	1	1	6C ₅ ¹	224C ¹	2	1	1	4C ₁₄ ¹			

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P	G	GT	Ir	C	P	G	GT	Ir	C	P	G	GT	Ir	C		
468A ¹	2	1	1	6B ₁₃ ¹	640A ¹	2	1	1	8D ₁₀ ¹	960A ¹	2	1	1	4A ₃₀ ¹		
468B ¹	6	1	1	6A ₁₃ ¹	640B ¹	2	1	1	8E ₁₀ ¹	960B ¹	2	1	1	4E ₃₀ ¹		
										960C ¹	2	1	1	4G ₃₀ ¹		
480A ¹	2	1	1	4B ₃₀ ¹	648A ¹	2	1	1	18A ₂ ¹	972A ¹	6	1	1	18A ₃ ¹		
480B ¹	2	1	1	4C ₃₀ ¹	648B ¹	2	1	1	18C ₂ ¹	972B ¹	6	1	1	18B ₃ ¹		
480C ¹	2	1	1	4D ₃₀ ¹	648C ¹	1	2	1	18D ₂ ¹ 18E ₂ ¹	972C ¹	6	1	1	18C ₃ ¹		
480D ¹	2	1	1	4F ₃₀ ¹						972D ¹	3	2	2	18D ₃ ¹		
480E ¹	2	1	1	4H ₃₀ ¹	672A ¹	2	1	1	4B ₄₂ ¹							
					672B ¹	2	1	1	4C ₄₂ ¹							
					672C ¹	2	1	1	4E ₄₂ ¹	1024A ¹	4	2	2	32B ₁ ¹ 16G ₂ ¹		
484A ¹	2	2	1	22A ₁ ¹ 22B ₁ ¹						1024B ¹	4	2	2	16A ₂ ¹		
					675A ¹	1	1	1	15A ₃ ¹	1024C ¹	4	2	2	16B ₂ ¹		
486A ¹	1	1	1	9A ₆ ¹	675B ¹	3	2	1	15B ₃ ¹	1024D ¹	4	2	2	16H ₂ ¹		
486B ¹	1	1	1	9B ₆ ¹						1024E ¹	4	2	1	16P ₂ ¹		
486C ¹	1	1	1	9C ₆ ¹	684A ¹	6	1	1	6A ₁₉ ¹	1024F ¹	2	4	2	16K ₁ ¹ 16L ₁ ¹		
														32C ₁ ¹ 32D ₁ ¹		
495A ¹	1	1	1	3A ₅₅ ¹	700A ¹	2	1	1	10A ₇ ¹					16Q ₂ ¹ 16R ₂ ¹		
					700B ¹	2	1	1	10B ₇ ¹	1080A ¹	2	1	1	6A ₃₀ ¹		
504A ¹	2	1	1	6A ₁₄ ¹						1080B ¹	2	1	1	6B ₃₀ ¹		
504B ¹	2	1	1	6B ₁₄ ¹	702A ¹	1	1	1	3A ₇₈ ¹							
504C ¹	2	1	1	6C ₁₄ ¹						1089A ¹	3	2	1	33A ₁ ¹ 33B ₁ ¹		
504D ¹	2	1	1	6D ₁₄ ¹	704A ¹	2	1	1	4D ₁₁ ¹ 8C ₁₁ ¹							
									4C ₂₂ ¹	1152A ¹	2	1	1	24G ₂ ¹		
512A ¹	2	2	1	16D ₂ ¹ 16F ₂ ¹	704B ¹	2	1	1	4A ₂₂ ¹	1152B ¹	2	1	1	24I ₂ ¹		
512B ¹	2	2	1	16L ₂ ¹ 16O ₂ ¹	704C ¹	2	1	1	4B ₂₂ ¹							
512C ¹	2	4	2	16C ₂ ¹ 16E ₂ ¹						1200A ¹	1	2	2	20A ₃ ¹		
					720A ¹	1	2	2	i	12A ₅ ¹						
528A ¹	1	2	2	i	4A ₃₃ ¹					1216A ¹	2	1	1	4A ₃₈ ¹		
						756A ¹	6	1	1	6A ₂₁ ¹						
539A ¹	1	2	1	7	7A ₁₁ ¹ 7B ₁₁ ¹					1280A ¹	4	1	1	16A ₅ ¹ 8F ₁₀ ¹		
						768A ¹	2	1	1	8N ₃ ¹ 16F ₃ ¹ 8P ₆ ¹	1280B ¹	4	1	1	8A ₁₀ ¹	
540A ¹	2	1	1	6A ₁₅ ¹	768B ¹	2	1	1	8O ₃ ¹ 16G ₃ ¹ 8Q ₆ ¹	1280C ¹	2	2	1	i	8B ₁₀ ¹ 8C ₁₀ ¹	
540B ¹	2	1	1	6B ₁₅ ¹	768C ¹	2	1	1	8P ₃ ¹ 16H ₃ ¹ 8V ₆ ¹	1280D ¹	4	4	2	i	8G ₁₀ ¹	
540C ¹	1	2	2	3	6C ₁₅ ¹	768D ¹	2	1	1	8A ₆ ¹						
						768E ¹	2	1	1	8B ₆ ¹	1296A ¹	1	2	2	i	36A ₁ ¹
544A ¹	2	1	1	4B ₃₄ ¹	768E ¹	2	1	1	8A ₃ ¹ 8B ₃ ¹							
544B ¹	4	1	1	4A ₃₄ ¹	768F ¹	2	2	1	2	8G ₃ ¹ 8H ₃ ¹	1344A ¹	2	1	1	4A ₄₂ ¹	
					768G ¹	2	2	1	2	8D ₆ ¹ 8G ₆ ¹	1344B ¹	2	1	1	4D ₄₂ ¹	
558A ¹	1	1	1	3A ₆₂ ¹	768H ¹	2	2	1	2	8D ₆ ¹ 8G ₆ ¹						
					768I ¹	2	4	2	i	24J ₂ ¹ 24L ₂ ¹ 8M ₆ ¹	1350A ¹	1	1	1	15A ₆ ¹	
560A ¹	1	2	2	i	4A ₃₅ ¹	768J ¹	2	4	2	i	8P ₃ ¹ 16H ₃ ¹ 8V ₆ ¹					
						768K ¹	2	4	2	i	8N ₆ ¹					
567A ¹	1	1	1	9A ₇ ¹						1440A ¹	2	1	1	12C ₁₀ ¹		
					784A ¹	1	4	2	i	7	28A ₁ ¹ 28B ₁ ¹	1440B ¹	4	1	1	12A ₁₀ ¹
575A ¹	1	1	1	5A ₂₃ ¹						1440C ¹	4	1	1	12B ₁₀ ¹		
					800A ¹	2	1	1	20A ₂ ¹							
576A ¹	2	1	1	12O ₁ ¹ 24G ₁ ¹	800B ¹	4	2	1	5	20E ₂ ¹	1536A ¹	2	2	1	16A ₆ ¹ 16B ₆ ¹	
				12N ₂ ¹												
576B ¹	2	1	1	12D ₂ ¹	810A ¹	1	1	1	9A ₁₀ ¹	1568A ¹	2	2	1	7	28E ₂ ¹ 28F ₂ ¹	
576C ¹	2	1	1	12M ₂ ¹						1568B ¹	4	2	1	7	28A ₂ ¹ 28C ₂ ¹	
576D ¹	6	1	1	12J ₁ ¹ 24E ₁ ¹	864A ¹	2	1	1	12E ₆ ¹	1568C ¹	4	2	1	7	28B ₂ ¹ 28D ₂ ¹	
				12H ₂ ¹												
576E ¹	3	4	2	i	24H ₁ ¹	882A ¹	1	2	1	7	21A ₂ ¹ 21B ₂ ¹	1575A ¹	3	1	1	15A ₇ ¹
600A ¹	2	1	1	10A ₆ ¹	896A ¹	2	1	1	8E ₁₄ ¹	1728A ¹	2	1	1	12F ₆ ¹		
600B ¹	2	1	1	10B ₆ ¹	896B ¹	2	1	1	8F ₁₄ ¹	1728B ¹	2	1	1	12G ₆ ¹		
600C ¹	2	2	1	5	10D ₆ ¹					1728C ¹	6	1	1	12Q ₃ ¹ 24N ₃ ¹		
														12T ₆ ¹		
605A ¹	1	2	1	11	11A ₅ ¹ 11B ₅ ¹	900A ¹	3	2	2	3	30C ₁ ¹					
						900B ¹	6	2	1	15	30A ₁ ¹ 30B ₁ ¹					

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	P	G	GT	Ir	C
$1764A^1$	2	2	1	$\overline{7}$	$42C_1^1 42D_1^1$
$1764B^1$	6	2	1	$\overline{7}$	$42A_1^1 42B_1^1$
$1792A^1$	2	4	2	i	$8A_{14}^1 8B_{14}^1$
$2304A^1$	4	1	1		$24A_2^1$
$2304B^1$	4	1	1		$24B_2^1$
$2304C^1$	2	2	2	i	$24H_2^1$
$2304D^1$	2	2	2	i	$24Q_2^1$
$2304E^1$	2	2	1	$\overline{2}$	$24C_1^1 24D_1^1$
$2304F^1$	6	2	1	$\overline{2}$	$24A_1^1 24B_1^1$
$2700A^1$	6	1	1		$30A_3^1$
$2816A^1$	2	2	1	$\overline{2}$	$8A_{11}^1 8B_{11}^1$
$3072A^1$	2	2	1	$\overline{2}$	$16A_3^1 16B_3^1$
$3072B^1$	2	2	1	$\overline{2}$	$16C_3^1 16D_3^1$
$3200A^1$	2	1	1		$40A_2^1$
$3456A^1$	2	1	1		$24L_6^1$
$4800A^1$	2	1	1		$20A_6^1$
$5184A^1$	2	1	1		$36A_2^1$
$6912A^1$	6	2	1	$\overline{2}$	$24E_3^1 24F_3^1$
$9216A^1$	4	2	2	$\overline{2}$	$48A_2^1$

	Fields										
<i>Period</i>	$\overline{15}$	$\overline{11}$	$\overline{7}$	$\overline{3}$	$\overline{2}$	i	i^2	2	5		<i>Total</i>
1	132	0	1	4	5	0	13	1	0	7	163
2	120	0	0	2	1	7	4	2	2	2	140
3	26	1	0	1	4	0	2	0	0	0	34
4	16	0	0	0	0	2	0	0	0	0	18
6	10	0	0	0	0	0	0	0	0	0	10
8	3	0	0	0	0	0	0	0	0	0	3
12	2	0	0	0	0	0	0	0	0	0	2
24	1	0	0	0	0	0	0	0	0	0	1
<i>Total</i>	310	1	1	7	10	9	19	3	2	9	371

Table 5: Summary of genus 0 moonshine groups data. Each column is the coefficient field. The notation is that $\overline{x}, \overline{y}, i, \dots, a, b$ is the field $\mathbb{Q}(\sqrt{-x}, \sqrt{-y}, i, \dots, \sqrt{a}, \sqrt{b})$. So, for example, $\overline{15}$ is the field $Q(\sqrt{-15})$ and i^2 is $\mathbb{Q}(i, \sqrt{2})$. The first column lists the number of rational groups. The number of groups is up to Galois conjugations and translations. The fields are the minimal fields in each equivalence class of groups as described in Section 6.

	Fields													
<i>Period</i>	$\overline{15}$	$\overline{11}$	$\overline{7}$	$\overline{3}$	$\overline{2}$	i	i^2	i^3	i^7	2	3	5		<i>Total</i>
1	198	1	2	6	8	0	30	3	2	1	0	0	4	255
2	255	0	1	8	2	8	8	10	0	0	1	0	4	297
3	13	0	1	0	4	0	1	1	2	0	0	0	2	24
4	28	0	0	2	0	5	0	3	0	0	1	1	1	41
6	19	1	0	1	0	2	0	0	0	0	0	0	0	23
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Total</i>	513	2	4	17	14	15	39	17	4	1	2	1	11	640

Table 6: Summary of genus 1 moonshine groups data. The notation is as in Table 5.

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<i>m</i>	h								<i>Total</i>
	1	2	3	4	6	8	12	24	
87	1, 1, 1	1, 0, 0		2, 0, 0		4, 0, 0			8, 1, 1
94	1, 1, 1		2, 0, 0						3, 1, 1
95	1, 1, 1	1, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	24, 1, 1
98	4, 0, 0	2, 0, 0	8, 0, 0		4, 0, 0				18, 0, 0
105	1, 1, 1	1, 0, 0		2, 0, 0		4, 0, 0			8, 1, 1
110	1, 1, 1		2, 0, 0						3, 1, 1
119	1, 1, 1	1, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	24, 1, 1
121	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	8, 0, 0	16, 0, 0	48, 0, 0
125	2, 0, 0	4, 0, 0	4, 0, 0	6, 0, 0	8, 0, 0	12, 0, 0	12, 0, 0	24, 0, 0	72, 0, 0
150	3, 0, 0	1, 0, 0							4, 0, 0
175	1, 0, 0	1, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	24, 0, 0
<i>Total</i>	111, 84, 84	215, 100, 117	333, 107, 117	431, 119, 144	682, 148, 178	876, 65, 81	1280, 70, 86	2558, 2, 3	6486, 695, 810

Table 7: Summary of total number of genus 0 moonshine groups. The first entry is the total number of groups of Γ -level N , where $N = mh^2$ with h the largest divisor of 24 such that h^2 divides N . The second is the number of groups such that $\Gamma_0(N)$ is a normal subgroup where N is the Γ -level. The third entry is the number of groups which contain some $\Gamma_0(N)$ normally where N is not necessarily the Γ -level. Any entry 0,0,0 is omitted and an entry * denotes values m and h such that h is not the largest divisor of 24 such that h^2 divides $N = mh^2$.

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m	h								Total
	1	2	3	4	6	8	12	24	
1				10, 10, 10	36, 33, 38	194, 120, 156	605, 34, 56		845, 197, 260
2				8, 8, 8	64, 54, 62	36, 36, 44	233, 121, 143	192, 32, 36	533, 251, 293
3			2, 2, 2	28, 25, 30	44, 30, 38	108, 32, 48	121, 32, 36	230, 2, 4	533, 123, 158
4	*	*	*	*	*	38, 12, 14	*	280, 0, 0	318, 12, 14
5		4, 4, 4	16, 14, 15	29, 20, 24	96, 29, 36	81, 22, 28	282, 12, 12	626, 0, 0	1134, 101, 119
6		8, 8, 8	18, 18, 18	56, 56, 64	27, 27, 33	48, 48, 52	18, 18, 20	12, 12, 12	187, 187, 207
7		5, 4, 5	10, 10, 12	24, 12, 16	58, 12, 15	52, 2, 4	167, 1, 2	354, 0, 0	670, 41, 54
8	*	*	*	*	*	24, 0, 0	*	64, 0, 0	88, 0, 0
9	*	*	9, 3, 4	*	39, 12, 15	*	90, 0, 0	174, 0, 0	312, 15, 19
10		9, 9, 11	30, 22, 24	23, 23, 27	80, 24, 24	8, 8, 8	90, 12, 12	16, 0, 0	256, 98, 106
11	1, 1, 1	8, 5, 5	10, 6, 6	22, 12, 14	39, 2, 3	38, 2, 4	102, 0, 0	184, 0, 0	404, 28, 33
12	*	*	*	*	*	68, 12, 12	*	8, 0, 0	76, 12, 12
13		4, 3, 4	5, 3, 3	13, 4, 4	34, 4, 4	26, 0, 0	74, 0, 0	148, 0, 0	304, 14, 15
14	2, 2, 2	9, 9, 10	25, 13, 15	12, 12, 14	50, 12, 13	8, 8, 8	44, 0, 0	16, 0, 0	166, 56, 62
15	2, 2, 2	17, 10, 11	3, 3, 6	52, 14, 20	24, 15, 18	112, 0, 0	42, 0, 0	84, 0, 0	336, 44, 57
16	*	*	*	*	*	20, 0, 0	*	78, 0, 0	98, 0, 0
17	1, 1, 1	4, 1, 2	9, 5, 6	16, 4, 4	22, 0, 0	31, 0, 0	58, 0, 0	114, 0, 0	255, 11, 13
18	*	*	12, 9, 9	*	18, 3, 3	*	6, 0, 0	*	36, 12, 12
19	1, 1, 1	4, 2, 3	7, 3, 3	13, 4, 4	19, 1, 1	24, 0, 0	47, 0, 0	90, 0, 0	205, 11, 12
20	*	*	*	*	*	16, 2, 2	*	32, 0, 0	48, 2, 2
21	2, 2, 2	12, 5, 6	4, 4, 4	34, 4, 4	11, 1, 1	74, 0, 0	21, 0, 0	42, 0, 0	200, 16, 17
22	2, 2, 2	1, 1, 3	13, 5, 6	4, 4, 6	12, 0, 0	*	8, 0, 0	*	40, 12, 17
23		3, 3, 3	2, 2, 3	5, 1, 2	14, 0, 0	10, 0, 0	22, 0, 0	44, 0, 0	100, 6, 8
24	*	*	*	*	*	8, 0, 0	*	*	8, 0, 0
25		8, 2, 3	14, 1, 1	24, 0, 0	59, 0, 0	48, 0, 0	140, 0, 0	276, 0, 0	569, 3, 4
26	2, 2, 2	3, 3, 3	13, 3, 3	4, 4, 4	14, 0, 0	*	8, 0, 0	*	44, 12, 12
27	*	*	3, 1, 1	*	17, 0, 0	*	29, 0, 0	58, 0, 0	107, 1, 1
28	*	*	*	*	*	8, 0, 0	*	16, 0, 0	24, 0, 0
29		1, 0, 0		2, 0, 0	8, 0, 0	4, 0, 0	12, 0, 0	24, 0, 0	51, 0, 0
30	6, 6, 6	19, 19, 22	9, 9, 9	16, 16, 16	6, 6, 6	*	*	*	56, 56, 59
31		3, 3, 4		6, 0, 0	9, 0, 0	12, 0, 0	18, 0, 0	36, 0, 0	84, 3, 4
33	1, 1, 1	7, 4, 5	3, 3, 3	20, 4, 4	3, 0, 0	36, 0, 0	6, 0, 0	12, 0, 0	88, 12, 13
34	3, 3, 3	4, 4, 4	11, 3, 3	3, 3, 3	8, 0, 0	*	6, 0, 0	*	35, 13, 13
35	1, 1, 1	7, 4, 5	10, 2, 3	20, 4, 4	30, 0, 0	36, 0, 0	66, 0, 0	124, 0, 0	294, 11, 13
37	1, 1, 1	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	8, 0, 0	16, 0, 0	32, 0, 0	75, 1, 1
38	2, 2, 2	2, 2, 2	9, 3, 3	2, 2, 2	4, 0, 0	*	4, 0, 0	*	23, 9, 9
39	1, 1, 1	8, 5, 6	1, 1, 1	16, 0, 0	4, 0, 0	32, 0, 0	8, 0, 0	16, 0, 0	86, 7, 8
41		1, 0, 0	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	16, 0, 0	37, 0, 0
42	6, 6, 6	10, 10, 10	6, 6, 6	10, 10, 10	*	*	*	*	32, 32, 32
43	1, 1, 1	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	8, 0, 0	16, 0, 0	45, 1, 1
44	*	*	*	*	*	8, 0, 0	*	16, 0, 0	24, 0, 0
45	*	*	6, 3, 3	*	9, 0, 0	*	18, 0, 0	36, 0, 0	69, 3, 3
46		2, 2, 3	2, 0, 0		4, 0, 0	*	*	*	8, 2, 3
47		1, 1, 2	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	16, 0, 0	37, 1, 2
48	*	*	*	*	*	16, 0, 0	*	*	16, 0, 0
49	1, 1, 1	11, 1, 1	8, 0, 0	37, 0, 0	42, 0, 0	74, 0, 0	106, 0, 0	212, 0, 0	491, 2, 2
50	5, 2, 2	7, 2, 2	29, 0, 0	4, 0, 0	22, 0, 0	4, 0, 0	12, 0, 0	8, 0, 0	91, 4, 4
51	2, 2, 2	4, 1, 1	3, 3, 3	7, 0, 0	3, 0, 0	14, 0, 0	6, 0, 0	12, 0, 0	51, 6, 6
53	1, 1, 1	1, 0, 0	4, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	16, 0, 0	40, 1, 1
54	*	*	9, 0, 0	*	*	*	*	*	9, 0, 0

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<i>m</i>	h								<i>Total</i>
	1	2	3	4	6	8	12	24	
55	2, 2, 2	7, 3, 4	7, 3, 3	14, 0, 0	17, 0, 0	28, 0, 0	34, 0, 0	68, 0, 0	177, 8, 9
57	1, 1, 1	2, 0, 0		4, 0, 0		8, 0, 0			15, 1, 1
58	1, 1, 1		4, 0, 0						5, 1, 1
59		2, 1, 1		3, 0, 0	4, 0, 0	6, 0, 0	6, 0, 0	12, 0, 0	33, 1, 1
61	1, 1, 1	1, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	24, 1, 1
62	1, 1, 1	2, 2, 2	5, 3, 3			4, 0, 0			12, 6, 6
63	*	*	3, 0, 0	*	3, 0, 0	*	6, 0, 0	12, 0, 0	24, 0, 0
65	2, 2, 2	3, 0, 0	6, 0, 0	6, 0, 0	8, 0, 0	12, 0, 0	16, 0, 0	32, 0, 0	85, 2, 2
66	3, 3, 3	5, 5, 5							8, 8, 8
69	1, 1, 1	4, 2, 2		6, 0, 0		12, 0, 0			23, 3, 3
70	3, 3, 3	5, 5, 5	8, 0, 0		10, 0, 0				26, 8, 8
71		1, 0, 0		2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	21, 0, 0
74	1, 1, 1		4, 0, 0						5, 1, 1
75	5, 2, 2	13, 0, 0	5, 0, 0	31, 0, 0	9, 0, 0	60, 0, 0	17, 0, 0	34, 0, 0	174, 2, 2
77	1, 1, 1	1, 0, 0	4, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	16, 0, 0	40, 1, 1
78	3, 3, 3	4, 4, 4	3, 3, 3						10, 10, 10
79	1, 1, 1	1, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	24, 1, 1
82	1, 1, 1		2, 0, 0						3, 1, 1
83	1, 1, 1	1, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	24, 1, 1
86	1, 1, 1		2, 0, 0						3, 1, 1
87		3, 2, 2		4, 0, 0		8, 0, 0			15, 2, 2
89	1, 1, 1	1, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	24, 1, 1
90	*	*	3, 0, 0	*		*			3, 0, 0
91	1, 1, 1	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	8, 0, 0	16, 0, 0	45, 1, 1
94	1, 1, 1		2, 0, 0						3, 1, 1
95	1, 1, 1	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	8, 0, 0	16, 0, 0	45, 1, 1
98	5, 1, 1	12, 0, 0	16, 0, 0	8, 0, 0	24, 0, 0		16, 0, 0		81, 1, 1
101	1, 1, 1	1, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	24, 1, 1
102	1, 1, 1								1, 1, 1
105	4, 4, 4	8, 3, 3		13, 0, 0		26, 0, 0			51, 7, 7
110	3, 3, 3	2, 2, 2	6, 0, 0		4, 0, 0				15, 5, 5
111	1, 1, 1	2, 0, 0		4, 0, 0		8, 0, 0			15, 1, 1
114	1, 1, 1								1, 1, 1
118	1, 1, 1		2, 0, 0						3, 1, 1
119	1, 1, 1	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	8, 0, 0	16, 0, 0	45, 1, 1
121		2, 0, 0	6, 0, 0	2, 0, 0	10, 0, 0	4, 0, 0	16, 0, 0	32, 0, 0	72, 0, 0
123	1, 1, 1	1, 0, 0		2, 0, 0		4, 0, 0			8, 1, 1
130	1, 1, 1		2, 0, 0						3, 1, 1
131	1, 1, 1	1, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	24, 1, 1
138	1, 1, 1								1, 1, 1
141	1, 1, 1	1, 0, 0		2, 0, 0		4, 0, 0			8, 1, 1
142	1, 1, 1		2, 0, 0						3, 1, 1
143	1, 1, 1	1, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	24, 1, 1
145	1, 1, 1	1, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	24, 1, 1
150	5, 1, 1	4, 0, 0	3, 0, 0	2, 0, 0					14, 1, 1
155	1, 1, 1	1, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	24, 1, 1
159	1, 1, 1	1, 0, 0		2, 0, 0		4, 0, 0			8, 1, 1
174	1, 1, 1								1, 1, 1
175	2, 0, 0	5, 0, 0	5, 0, 0	8, 0, 0	11, 0, 0	16, 0, 0	18, 0, 0	36, 0, 0	101, 0, 0
182	1, 1, 1		2, 0, 0						3, 1, 1

C Cummins: Congruence Subgroups of Genus 0 and 1

<i>m</i>	h								<i>Total</i>	
	1	2	3	4	6	8	12	24		
190	1, 1, 1		2, 0, 0							3, 1, 1
195	1, 1, 1	1, 0, 0		2, 0, 0			4, 0, 0			8, 1, 1
210	1, 1, 1									1, 1, 1
222	1, 1, 1									1, 1, 1
231	1, 1, 1	1, 0, 0		2, 0, 0			4, 0, 0			8, 1, 1
238	1, 1, 1		2, 0, 0							3, 1, 1
325	1, 0, 0	1, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0		24, 0, 0
350	1, 0, 0		2, 0, 0							3, 0, 0
363	2, 0, 0	2, 0, 0		4, 0, 0			8, 0, 0			16, 0, 0
425	1, 0, 0	1, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0		24, 0, 0
539	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	8, 0, 0	16, 0, 0		48, 0, 0
575	1, 0, 0	1, 0, 0	2, 0, 0	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0		24, 0, 0
605	2, 0, 0	2, 0, 0	4, 0, 0	4, 0, 0	4, 0, 0	8, 0, 0	8, 0, 0	16, 0, 0		48, 0, 0
<i>Total</i>	130, 104, 104	307, 156, 178	471, 169, 184	691, 246, 284	1081, 242, 282	1498, 217, 262	2335, 316, 381	4761, 80, 108		11274, 1530, 1783

Table 8: Summary of total number of genus 1 moonshine groups by Γ -level. The notation is as in Table 7.