AGL$_1$(5)	{1}	C_2	C_3	S_3	Total
$2^21^1|4^11^1|4^11^1$	0×2	2			2

PSL$_2$(5)	{1}	C_2	C_3	S_3	Total
$2^21^2|4^11^2|6^1$	1				1
$2^21^2|5^11^1|5^11^1$	0×2	1			1
PGL$_2$(5)	{1}	C_2	C_3	S_3	Total
$2^21^2|4^11^2|6^1$	1				1
$2^3|4^11^2|5^11^1$	1				1
$3^2|4^11^2|4^11^2$	0×2	1			1
$4^11^2|4^11^2|5^11^1$	0×2	1			1

7 : 3	{1}	C_2	C_3	S_3	Total
$3^21^1|3^21^1|3^21^1$	0×6	0×3	0×2	2	2
AGL$_1$(7)	{1}	C_2	C_3	S_3	Total
$2^31^1|3^21^1|6^11^1$	2				2
L$_3$(2)	{1}	C_2	C_3	S_3	Total
$2^21^3|3^21^1|7^1$	2				2
$2^21^3|4^12^11^1|7^1$	2				2
$3^21^1|3^21^1|4^12^11^1$	2×2	0			4
$3^21^1|4^12^11^1|4^12^11^1$	1×2	0			2
$4^12^11^1|4^12^11^1|4^12^11^1$	0×6	0×3	2×2	0	4

AΓL$_1$(8)	{1}	C_2	C_3	S_3	Total
$3^21^2\|3^21^2\|6^12^1$	2×2	0			4
$3^21^2\|3^21^2\|7^11^1$	2×2	0			4
ASL$_3$(2)	{1}	C_2	C_3	S_3	Total
$2^21^4\|4^2\|7^11^1$	2				2
$2^21^4\|6^12^1\|7^11^1$	2				2
$2^21^4\|7^11^1\|7^11^1$	0×2	2			2
$2^4\|4^12^11^2\|7^11^1$	2				2
$3^21^2\|4^12^11^2\|4^2$	2				2
$3^21^2\|4^12^11^2\|6^12^1$	4				4
$3^21^2\|4^12^11^2\|7^11^1$	4				4
$4^12^11^2\|4^12^11^2\|4^2$	2×2	0			4
$4^12^11^2\|4^12^11^2\|6^12^1$	1×2	0			2
$4^12^11^2\|4^12^11^2\|7^11^1$	0×2	2			2
PSL$_2$(7)	{1}	C_2	C_3	S_3	Total
$2^4\|3^21^2\|7^11^1$	1				1
$3^21^2\|3^21^2\|4^2$	0×2	2			2
$3^21^2\|3^21^2\|7^11^1$	0×2	1			1
PGL$_2$(7)	{1}	C_2	C_3	S_3	Total
$2^31^2\|3^21^2\|8^1$	2				2
$2^31^2\|4^2\|6^11^2$	1				1
$2^31^2\|6^11^2\|7^11^1$	1				1
$2^4\|6^11^2\|6^11^2$	0×2	1			1
$3^21^2\|6^11^2\|6^11^2$	0×2	1			1

$3^2 : 4$	{1}	C_2	C_3	S_3	Total
$2^41^1\|4^21^1\|4^21^1$	0×2	1			1
$3^2 : \mathrm{D}_2(4)$	{1}	C_2	C_3	S_3	Total
$2^31^3\|4^21^1\|6^13^1$	1				1
$\mathrm{A\Gamma L}_1(9)$	{1}	C_2	C_3	S_3	Total
$2^31^3\|4^21^1\|8^11^1$	2				2
$3^2 : (2'\mathrm{A}(4))$	{1}	C_2	C_3	S_3	Total
$3^21^3\|3^3\|4^21^1$	1				1
$3^21^3\|3^3\|6^12^11^1$	1				1
$3^21^3\|4^21^1\|6^12^11^1$	1				1
$\mathrm{AGL}_2(3)$	{1}	C_2	C_3	S_3	Total
$2^31^3\|3^3\|8^11^1$	2				2
$2^31^3\|6^12^11^1\|8^11^1$	2				2
$\mathrm{PSL}_2(8)$	{1}	C_2	C_3	S_3	Total
$2^41^1\|3^3\|7^11^2$	1				1
$2^41^1\|7^11^2\|7^11^2$	1×2	0			2
$\mathrm{P\Gamma L}_2(8)$	{1}	C_2	C_3	S_3	Total
$2^41^1\|3^21^3\|9^1$	2				2
$2^41^1\|6^12^11^1\|6^12^11^1$	4×2	0			8
$3^21^3\|3^21^3\|9^1$	1×2	2			4
$3^21^3\|3^3\|6^12^11^1$	4				4
$3^21^3\|6^12^11^1\|6^12^11^1$	0×2	8			8
$3^21^3\|6^12^11^1\|7^11^2$	4				4

A$_5$	{1}	C_2	C_3	S_3	Total
$2^41^2\|3^31^1\|5^2$	1				1

S$_5$	{1}	C_2	C_3	S_3	Total
$2^31^4\|4^22^1\|5^2$	1				1
$2^31^4\|5^2\|6^13^11^1$	1				1
$2^41^2\|4^22^1\|6^13^11^1$	1				1
$2^41^2\|6^13^11^1\|6^13^11^1$	0×2	1			1

PSL$_2$(9)	{1}	C_2	C_3	S_3	Total
$2^41^2\|4^21^2\|5^2$	1				1
$3^31^1\|3^31^1\|4^21^2$	0×2	1			1
$4^21^2\|4^21^2\|4^21^2$	0×6	0×3	0×2	1	1

PGL$_2$(9)	{1}	C_2	C_3	S_3	Total
$2^41^2\|8^11^2\|8^11^2$	0×2	1			1
$2^5\|3^31^1\|8^11^2$	1				1
$2^5\|4^21^2\|8^11^2$	1				1

PΣL$_2$(9)	{1}	C_2	C_3	S_3	Total
$2^31^4\|5^2\|6^13^11^1$	1				1
$2^41^2\|6^13^11^1\|6^13^11^1$	0×2	3			3

M$_{10}$	{1}	C_2	C_3	S_3	Total
$2^41^2\|4^21^2\|8^12^1$	2				2
$3^31^1\|4^21^2\|4^21^2$	0×2	3			3
$4^21^2\|4^21^2\|4^21^2$	0×6	2×3	0×2	0	6

PΓL$_2$(9)	{1}	C_2	C_3	S_3	Total
$2^31^4\|4^21^2\|10^1$	1				1
$2^31^4\|8^11^2\|8^12^1$	1				1
$2^5\|4^21^2\|6^13^11^1$	3				3

S_{11}

L$_2$(11)	{1}	C_2	C_3	S_3	Total
$2^4 1^3 \vert 3^3 1^2 \vert 11^1$	2				2
$2^4 1^3 \vert 5^2 1^1 \vert 5^2 1^1$	2×2	0			4
$2^4 1^3 \vert 5^2 1^1 \vert 6^1 3^1 2^1$	4				4
$2^4 1^3 \vert 6^1 3^1 2^1 \vert 6^1 3^1 2^1$	1×2	0			2
$3^3 1^2 \vert 3^3 1^2 \vert 5^2 1^1$	2×2	0			4
$3^3 1^2 \vert 3^3 1^2 \vert 6^1 3^1 2^1$	2×2	0			4

M$_{11}$	{1}	C_2	C_3	S_3	Total
$2^4 1^3 \vert 4^2 1^3 \vert 11^1$	2				2
$2^4 1^3 \vert 5^2 1^1 \vert 8^1 2^1 1^1$	6				6
$2^4 1^3 \vert 6^1 3^1 2^1 \vert 8^1 2^1 1^1$	6				6
$2^4 1^3 \vert 8^1 2^1 1^1 \vert 8^1 2^1 1^1$	2×2	0			4
$3^3 1^2 \vert 3^3 1^2 \vert 8^1 2^1 1^1$	2×2	0			4
$3^3 1^2 \vert 4^2 1^3 \vert 5^2 1^1$	5				5
$3^3 1^2 \vert 4^2 1^3 \vert 6^1 3^1 2^1$	5				5
$3^3 1^2 \vert 4^2 1^3 \vert 8^1 2^1 1^1$	6				6
$4^2 1^3 \vert 4^2 1^3 \vert 5^2 1^1$	3×2	0			6
$4^2 1^3 \vert 4^2 1^3 \vert 6^1 3^1 2^1$	6×2	0			12
$4^2 1^3 \vert 4^2 1^3 \vert 8^1 2^1 1^1$	4×2	0			8

S_{12}

M_{11}	{1}	C_2	C_3	S_3	Total
$2^41^4|4^22^2|11^11^1$	2				2
$2^41^4|5^21^2|8^14^1$	6				6
$2^41^4|5^21^2|11^11^1$	2				2
$2^41^4|6^13^12^11^1|8^14^1$	6				6
$2^41^4|6^13^12^11^1|11^11^1$	6				6
$3^31^3|3^31^3|8^14^1$	2×2	0			4
$3^31^3|4^22^2|5^21^2$	5				5
$3^31^3|4^22^2|6^13^12^11^1$	5				5
$3^31^3|5^21^2|6^13^12^11^1$	7				7
$3^31^3|6^13^12^11^1|6^13^12^11^1$	6×2	0			12
$2^41^4|3^4|10^12^1$	2				2
$2^41^4|3^4|11^11^1$	2				2
$2^41^4|5^21^2|6^2$	2				2
$2^41^4|5^21^2|10^12^1$	2				2
$2^41^4|5^21^2|11^11^1$	2				2
$2^41^4|6^13^12^11^1|6^2$	8				8
$2^41^4|6^13^12^11^1|10^12^1$	8				8
$2^41^4|6^13^12^11^1|11^11^1$	2				2
$2^41^4|8^12^11^2|8^14^1$	4				4
$2^41^4|8^12^11^2|10^12^1$	2				2
$2^41^4|8^12^11^2|11^11^1$	4				4
$2^6|3^31^3|11^11^1$	2				2
$2^6|4^21^4|11^11^1$	2				2
$2^6|5^21^2|6^13^12^11^1$	6				6
$2^6|5^21^2|8^12^11^2$	3				3
$2^6|6^13^12^11^1|6^13^12^11^1$	4×2	0			8
$2^6|6^13^12^11^1|8^12^11^2$	6				6
$2^6|8^12^11^2|8^12^11^2$	2×2	0			4
$3^31^3|3^31^3|6^2$	1×2	0			2
$3^31^3|3^31^3|11^11^1$	0×2	2			2
$3^31^3|3^4|5^21^2$	2				2
$3^31^3|3^4|6^13^12^11^1$	6				6
$3^31^3|3^4|8^12^11^2$	6				6
$3^31^3|4^21^4|6^2$	3				3
$3^31^3|4^21^4|8^14^1$	2				2
$3^31^3|4^21^4|10^12^1$	3				3
$3^31^3|4^21^4|11^11^1$	2				2
$3^31^3|4^22^2|8^12^11^2$	2				2

	$\{1\}$	C_2	C_3	S_3	Total
$3^31^3\|5^21^2\|5^21^2$	0×2	6			6
$3^31^3\|5^21^2\|6^13^12^11^1$	6				6
$3^31^3\|5^21^2\|8^12^11^2$	4				4
$3^31^3\|6^13^12^11^1\|6^13^12^11^1$	0×2	8			8
$3^31^3\|6^13^12^11^1\|8^12^11^2$	16				16
$3^31^3\|8^12^11^2\|8^12^11^2$	0×2	6			6
$3^4\|4^21^4\|4^22^2$	4				4
$3^4\|4^21^4\|5^21^2$	7				7
$3^4\|4^21^4\|6^13^12^11^1$	10				10
$3^4\|4^21^4\|8^12^11^2$	5				5
$4^21^4\|4^21^4\|6^2$	1×2	0			2
$4^21^4\|4^21^4\|8^14^1$	2×2	0			4
$4^21^4\|4^21^4\|10^12^1$	1×2	0			2
$4^21^4\|4^21^4\|11^11^1$	0×2	2			2
$4^21^4\|4^22^2\|5^21^2$	4				4
$4^21^4\|4^22^2\|6^13^12^11^1$	8				8
$4^21^4\|4^22^2\|8^12^11^2$	6				6
$4^21^4\|5^21^2\|5^21^2$	0×2	3			3
$4^21^4\|5^21^2\|6^13^12^11^1$	14				14
$4^21^4\|5^21^2\|8^12^11^2$	7				7
$4^21^4\|6^13^12^11^1\|6^13^12^11^1$	16×2	6			38
$4^21^4\|6^13^12^11^1\|8^12^11^2$	16				16
$4^21^4\|8^12^11^2\|8^12^11^2$	0×2	4			4
PSL$_2(11)$	$\{1\}$	C_2	C_3	S_3	Total
$2^6\|5^21^2\|5^21^2$	0×2	2			2
PGL$_2(11)$	$\{1\}$	C_2	C_3	S_3	Total
$2^51^2\|3^4\|10^11^2$	2				2
$2^51^2\|4^3\|5^21^2$	2				2
$2^51^2\|5^21^2\|10^11^2$	2				2

S_{13}

13:3	{1}	C_2	C_3	S_3	Total
$3^41^1|3^41^1|3^41^1$	0×6	0×3	0×2	2	2
13:4	**{1}**	**C_2**	**C_3**	**S_3**	**Total**
$2^61^1|4^31^1|4^31^1$	0×2	2			2
13:6	**{1}**	**C_2**	**C_3**	**S_3**	**Total**
$2^61^1|3^41^1|6^21^1$	2				2
L$_3$(3)	**{1}**	**C_2**	**C_3**	**S_3**	**Total**
$2^41^5|3^41^1|13^1$	4				4
$2^41^5|4^22^21^1|13^1$	4				4
$2^41^5|6^13^12^11^2|13^1$	4				4
$2^41^5|8^14^11^1|8^14^11^1$	1×2	0			2
$3^31^4|3^41^1|8^14^11^1$	2				2
$3^31^4|4^22^21^1|8^14^11^1$	2				2
$3^41^1|3^41^1|4^22^21^1$	3×2	0			6
$3^41^1|3^41^1|6^13^12^11^2$	4×2	0			8
$3^41^1|4^22^21^1|4^22^21^1$	4×2	0			8
$3^41^1|4^22^21^1|6^13^12^11^2$	8				8
$3^41^1|6^13^12^11^2|6^13^12^11^2$	6×2	0			12
$4^22^21^1|4^22^21^1|4^22^21^1$	0×6	0×3	3×2	0	6
$4^22^21^1|4^22^21^1|6^13^12^11^2$	6×2	0			12
$4^22^21^1|6^13^12^11^2|6^13^12^11^2$	4×2	0			8
$6^13^12^11^2|6^13^12^11^2|6^13^12^11^2$	0×6	0×3	4×2	0	8

S_{14}

PSL$_2$(13)	{1}	C_2	C_3	S_3	Total
$2^61^2|3^41^2|7^2$	3				3
$2^61^2|3^41^2|13^11^1$	1				1
$2^61^2|6^21^2|6^21^2$	0×2	1			1
$3^41^2|3^41^2|6^21^2$	0×2	2			2
PGL$_2$(13)	**{1}**	**C_2**	**C_3**	**S_3**	**Total**
$2^61^2|4^31^2|12^11^2$	2				2
$2^7|3^41^2|12^11^2$	2				2
$2^7|4^31^2|6^21^2$	1				1
$3^41^2|4^31^2|4^31^2$	0×2	1			1

S_{15}

A$_7$	{1}	C_2	C_3	S_3	Total
$2^61^3\|4^32^11^1\|7^21^1$	4				4
$3^41^3\|3^41^3\|5^3$	1×2	0			2
$3^41^3\|3^41^3\|6^23^1$	1×2	0			2
$3^41^3\|4^32^11^1\|4^32^11^1$	4×2	0			8

A$_6$	{1}	C_2	C_3	S_3	Total
$2^61^3\|4^32^11^1\|5^3$	2				2
$3^41^3\|3^5\|4^32^11^1$	1				1

S$_6$	{1}	C_2	C_3	S_3	Total
$2^41^7\|5^3\|6^23^1$	1				1
$2^61^3\|5^3\|6^13^22^11^1$	1				1
$2^61^3\|6^13^22^11^1\|6^23^1$	3				3

PSL$_4(2)$	{1}	C_2	C_3	S_3	Total
$2^41^7\|4^32^11^1\|15^1$	2				2
$2^41^7\|5^3\|7^21^1$	2				2
$2^41^7\|6^13^22^11^1\|15^1$	2				2
$2^41^7\|6^23^1\|7^21^1$	2				2
$2^61^3\|4^22^21^3\|15^1$	2				2
$2^61^3\|6^13^22^11^1\|7^21^1$	4				4
$3^41^3\|4^22^21^3\|5^3$	2				2
$3^41^3\|4^22^21^3\|6^23^1$	4				4
$3^41^3\|4^32^11^1\|6^13^22^11^1$	10				10
$3^41^3\|6^13^22^11^1\|6^13^22^11^1$	5×2	0			10
$4^22^21^3\|4^22^21^3\|5^3$	3×2	0			6
$4^22^21^3\|4^22^21^3\|6^23^1$	2×2	0			4
$4^22^21^3\|4^32^11^1\|4^32^11^1$	6×2	0			12
$4^22^21^3\|4^32^11^1\|6^13^22^11^1$	18				18
$4^22^21^3\|6^13^22^11^1\|6^13^22^11^1$	6×2	0			12

S_{16}

$2^4 : \mathrm{D}_5$	$\{1\}$	C_2	C_3	S_3	Total
$2^61^4|4^4|5^31^1$	1				1
$\mathrm{AGL}_1(16)$	$\{1\}$	C_2	C_3	S_3	Total
$(\mathrm{A}_4 \times \mathrm{A}_4) : 2$	$\{1\}$	C_2	C_3	S_3	Total
$2^61^4|6^22^2|6^23^11^1$	1				1
$(2^4 : 5).4$	$\{1\}$	C_2	C_3	S_3	Total
$2^61^4|4^32^11^2|8^2$	2				2
$\mathrm{AGL}_1(16) : 2$	$\{1\}$	C_2	C_3	S_3	Total
$2^4.\mathrm{S}_3 \times \mathrm{S}_3$	$\{1\}$	C_2	C_3	S_3	Total
$2^61^4|6^23^11^1|6^23^11^1$	0×2	3			3
$2^4.3^2 : 4$	$\{1\}$	C_2	C_3	S_3	Total
$2^61^4|4^32^11^2|8^2$	2				2
$3^51^1|4^32^11^2|4^32^11^2$	0×2	3			3
$\mathrm{A\Gamma L}_1(16)$	$\{1\}$	C_2	C_3	S_3	Total
$(\mathrm{S}_4 \times \mathrm{S}_4) : 2$	$\{1\}$	C_2	C_3	S_3	Total
$2^41^8|6^23^11^1|8^2$	1				1
$2^61^4|4^32^11^2|12^14^1$	1				1
$2^61^4|6^13^22^11^2|8^2$	1				1
$2^8|4^32^11^2|6^23^11^1$	3				3
$2^4.\mathrm{PSL}(4, 2)$	$\{1\}$	C_2	C_3	S_3	Total
$2^41^8|5^31^1|14^12^1$	2				2
$2^41^8|5^31^1|15^11^1$	2				2
$2^41^8|6^23^11^1|14^12^1$	2				2
$2^41^8|6^23^11^1|15^11^1$	2				2
$2^61^4|4^22^4|15^11^1$	2				2
$2^61^4|6^13^22^11^2|14^12^1$	4				4
$2^61^4|6^13^22^11^2|15^11^1$	6				6
$3^41^4|4^22^4|5^31^1$	2				2
$3^41^4|4^22^4|6^23^11^1$	4				4
$3^41^4|5^31^1|6^13^22^11^2$	10				10
$3^41^4|6^13^22^11^2|6^23^11^1$	12				12
$3^51^1|4^22^21^4|7^21^2$	2				2
$4^22^21^4|4^22^4|5^31^1$	6				6
$4^22^21^4|4^22^4|6^23^11^1$	4				4
$4^22^21^4|4^32^11^2|5^31^1$	6				6
$4^22^21^4|4^32^11^2|6^23^11^1$	12				12
$4^22^21^4|5^31^1|6^13^22^11^2$	18				18
$4^22^21^4|6^13^22^11^2|6^23^11^1$	12				12
$4^22^4|4^32^11^2|4^32^11^2$	6×2	0			12
$4^22^4|4^32^11^2|6^13^22^11^2$	18				18
$4^22^4|6^13^22^11^2|6^13^22^11^2$	6×2	0			12
$4^32^11^2|4^32^11^2|6^13^22^11^2$	16×2	0			32
$4^32^11^2|6^13^22^11^2|6^13^22^11^2$	26×2	0			52
$6^13^22^11^2|6^13^22^11^2|6^13^22^11^2$	12×6	0×3	0×2	0	72

AΓL$_2$(4)	{1}	C_2	C_3	S_3	Total
$2^6 1^4 \mid 4^3 2^1 1^2 \mid 15^1 1^1$	2				2
$3^4 1^4 \mid 4^3 2^1 1^2 \mid 6^2 3^1 1^1$	4				4
ASL$_2$(4) : 2	{1}	C_2	C_3	S_3	Total
$2^6 1^4 \mid 5^3 1^1 \mid 6^2 3^1 1^1$	2				2
$2^6 1^4 \mid 6^2 3^1 1^1 \mid 6^2 3^1 1^1$	1×2	0			2
$3^5 1^1 \mid 4^3 2^1 1^2 \mid 4^3 2^1 1^2$	1×2	0			2
$2^4.$S$_6$	{1}	C_2	C_3	S_3	Total
$3^5 1^1 \mid 4^3 2^1 1^2 \mid 6^1 3^2 2^1 1^2$	2				2
$3^5 1^1 \mid 6^1 3^2 2^1 1^2 \mid 6^1 3^2 2^1 1^2$	3×2	0			6
$2^4.$A$_6$	{1}	C_2	C_3	S_3	Total
$2^6 1^4 \mid 5^3 1^1 \mid 5^3 1^1$	2×2	0			4
$3^4 1^4 \mid 3^5 1^1 \mid 5^3 1^1$	2				2
2^4:S$_5$	{1}	C_2	C_3	S_3	Total
$2^4 1^8 \mid 5^3 1^1 \mid 8^2$	1				1
$2^4 1^8 \mid 5^3 1^1 \mid 12^1 4^1$	1				1
$2^6 1^4 \mid 4^3 2^1 1^2 \mid 12^1 4^1$	1				1
$2^6 1^4 \mid 6^1 3^2 2^1 1^2 \mid 8^2$	1				1
$2^6 1^4 \mid 6^1 3^2 2^1 1^2 \mid 12^1 4^1$	1				1
$2^8 \mid 4^3 2^1 1^2 \mid 5^3 1^1$	3				3
$2^8 \mid 5^3 1^1 \mid 6^1 3^2 2^1 1^2$	3				3
2^4:A$_5$	{1}	C_2	C_3	S_3	Total
$2^6 1^4 \mid 5^3 1^1 \mid 5^3 1^1$	0×2	3			3
$2^6 1^4 \mid 5^3 1^1 \mid 6^2 2^2$	3				3
$2^4.$A$_7$	{1}	C_2	C_3	S_3	Total
$2^6 1^4 \mid 4^3 2^1 1^2 \mid 14^1 2^1$	4				4
$2^6 1^4 \mid 5^3 1^1 \mid 7^2 1^2$	4				4
$2^6 1^4 \mid 6^2 3^1 1^1 \mid 7^2 1^2$	4				4
$3^4 1^4 \mid 3^5 1^1 \mid 7^2 1^2$	2				2
$3^4 1^4 \mid 4^3 2^1 1^2 \mid 5^3 1^1$	10				10
$3^4 1^4 \mid 4^3 2^1 1^2 \mid 6^2 3^1 1^1$	6				6
$4^3 2^1 1^2 \mid 4^3 2^1 1^2 \mid 4^3 2^1 1^2$	4×6	0×3	0×2	0	24

S_{17}

17 : 4	{1}	C_2	C_3	S_3	Total
$2^81^1\|4^41^1\|4^41^1$	0×2	2			2
$L_2(2^4)$	{1}	C_2	C_3	S_3	Total
$2^81^1\|3^51^2\|15^11^2$	1				1
$L_2(2^4) : 2$	{1}	C_2	C_3	S_3	Total
$2^61^5\|4^41^1\|15^11^2$	1				1
$2^81^1\|4^41^1\|6^23^11^2$	5				5
$2^81^1\|6^23^11^2\|6^23^11^2$	0×2	5			5
$L_2(2^4) : 4 = P\Gamma L_2(2^4)$	{1}	C_2	C_3	S_3	Total
$2^81^1\|4^32^11^3\|8^21^1$	8				8
$2^81^1\|4^32^11^3\|12^13^12^1$	4				4
$4^32^11^3\|4^32^11^3\|4^41^1$	0×2	8			8
$4^32^11^3\|4^32^11^3\|6^23^11^2$	0×2	4			4

S_{18}

$PSL_2(17)$	{1}	C_2	C_3	S_3	Total
$2^81^2\|3^6\|8^21^2$	2				2
$2^81^2\|4^41^2\|8^21^2$	2				2

S_{19}

19 : 3	{1}	C_2	C_3	S_3	Total
$3^61^1\|3^61^1\|3^61^1$	0×6	0×3	0×2	2	2
19 : 6	{1}	C_2	C_3	S_3	Total
$2^91^1\|3^61^1\|6^31^1$	2				2

S_{20}

PSL$_2$(19) $2^{10}\|3^61^2\|9^21^2$	{1} 3	C_2	C_3	S_3	Total 3
PGL$_2$(19) $2^91^2\|3^61^2\|18^11^2$	{1} 3	C_2	C_3	S_3	Total 3

S_{21}

PGL$_2$(7)	{1}	C_2	C_3	S_3	Total
$2^91^3\|3^7\|8^24^11^1$	2				2
$2^91^3\|4^42^21^1\|6^33^1$	1				1
$2^91^3\|4^42^21^1\|8^24^11^1$	2				2
A$_7$	{1}	C_2	C_3	S_3	Total
$2^81^5\|4^42^21^1\|7^3$	2				2
$2^81^5\|6^23^12^21^2\|7^3$	2				2
S$_7$	{1}	C_2	C_3	S_3	Total
$2^51^{11}\|6^33^1\|7^3$	1				1
$2^51^{11}\|7^3\|10^15^21^1$	1				1
$2^51^{11}\|7^3\|12^14^13^12^1$	1				1
$2^91^3\|3^7\|10^15^21^1$	1				1
$2^91^3\|3^7\|12^14^13^12^1$	1				1
$2^91^3\|4^42^11^3\|7^3$	1				1
$2^91^3\|4^42^21^1\|6^33^1$	4				4
$2^91^3\|4^42^21^1\|10^15^21^1$	3				3
$2^91^3\|4^42^21^1\|12^14^13^12^1$	2				2
$2^91^3\|6^13^32^21^2\|7^3$	3				3
$2^91^3\|6^23^12^21^2\|6^33^1$	1				1
$2^91^3\|6^23^12^21^2\|10^15^21^1$	1				1
$2^91^3\|6^23^12^21^2\|12^14^13^12^1$	1				1
PSL$_3$(4) = M$_{21}$	{1}	C_2	C_3	S_3	Total
$2^81^5\|4^42^21^1\|7^3$	2				2
$2^81^5\|5^41^1\|5^41^1$	1×2	0			2
$3^61^3\|3^61^3\|5^41^1$	2×2	0			4
$3^61^3\|4^42^21^1\|4^42^21^1$	4×2	0			8

PΣL$_3$(4)	{1}	C_2	C_3	S_3	Total
$2^7 1^7 \| 4^4 2^2 1^1 \| 14^1 7^1$	2				2
$2^7 1^7 \| 5^4 1^1 \| 8^2 4^1 1^1$	2				2
$2^7 1^7 \| 6^2 3^2 2^1 1^1 \| 7^3$	4				4
$2^8 1^5 \| 4^4 2^1 1^3 \| 14^1 7^1$	2				2
$2^8 1^5 \| 6^2 3^2 2^1 1^1 \| 8^2 4^1 1^1$	8				8
$3^6 1^3 \| 4^4 2^1 1^3 \| 6^2 3^2 2^1 1^1$	10				10
$4^4 2^1 1^3 \| 4^4 2^1 1^3 \| 4^4 2^2 1^1$	4×2	0			8

PGL$_3$(4)	{1}	C_2	C_3	S_3	Total
$2^8 1^5 \| 3^7 \| 15^1 5^1 1^1$	2				2
$2^8 1^5 \| 6^2 3^1 2^2 1^2 \| 15^1 5^1 1^1$	2				2
$3^5 1^6 \| 3^7 \| 5^4 1^1$	2				2
$3^5 1^6 \| 5^4 1^1 \| 6^2 3^1 2^2 1^2$	2				2
$3^6 1^3 \| 3^7 \| 6^2 3^1 2^2 1^2$	8				8
$3^6 1^3 \| 6^2 3^1 2^2 1^2 \| 6^2 3^1 2^2 1^2$	9×2	0			18

PΓL$_3$(4)	{1}	C_2	C_3	S_3	Total
$2^7 1^7 \| 3^7 \| 14^1 7^1$	2				2
$2^7 1^7 \| 4^4 2^1 1^3 \| 21^1$	2				2
$2^7 1^7 \| 6^2 3^1 2^2 1^2 \| 14^1 7^1$	6				6
$2^7 1^7 \| 6^2 3^2 2^1 1^1 \| 15^1 5^1 1^1$	4				4
$3^5 1^6 \| 6^2 3^2 2^1 1^1 \| 6^2 3^2 2^1 1^1$	6×2	0			12
$3^7 \| 4^4 2^1 1^3 \| 4^4 2^1 1^3$	7×2	0			14
$4^4 2^1 1^3 \| 4^4 2^1 1^3 \| 6^2 3^1 2^2 1^2$	6×2	0			12

S_{22}

M_{22}	{1}	C_2	C_3	S_3	Total
$2^81^6|4^42^21^2|11^2$	6				6
$2^81^6|5^41^2|7^31^1$	10				10
$2^81^6|5^41^2|8^24^12^1$	6				6
$2^81^6|6^23^22^2|7^31^1$	6				6
$2^81^6|6^23^22^2|8^24^12^1$	6				6
$3^61^4|3^61^4|7^31^1$	4×2	4			12
$3^61^4|3^61^4|8^24^12^1$	4×2	0			8
$3^61^4|4^42^21^2|5^41^2$	28				28
$3^61^4|4^42^21^2|6^23^22^2$	18				18
$4^42^21^2|4^42^21^2|4^42^21^2$	6×6	3×3	0×2	0	45

$M_{22} : 2$	{1}	C_2	C_3	S_3	Total
$2^71^8|4^42^3|11^2$	1				1
$2^71^8|5^41^2|10^22^1$	4				4
$2^71^8|5^41^2|12^16^14^1$	1				1
$2^71^8|5^41^2|14^17^11^1$	2				2
$2^71^8|6^23^22^11^2|11^2$	3				3
$2^71^8|6^23^22^2|10^22^1$	2				2
$2^71^8|6^23^22^2|12^16^14^1$	2				2
$2^71^8|6^23^22^2|14^17^11^1$	2				2
$2^71^8|7^31^1|8^24^11^2$	2				2
$2^81^6|4^42^3|14^17^11^1$	2				2
$2^81^6|6^23^22^11^2|10^22^1$	10				10
$2^81^6|6^23^22^11^2|12^16^14^1$	6				6
$2^81^6|6^23^22^11^2|14^17^11^1$	6				6
$2^81^6|8^24^11^2|8^24^11^2$	0×2	3			3
$2^{11}|3^61^4|14^17^11^1$	4				4
$2^{11}|4^42^11^4|7^31^1$	4				4
$2^{11}|4^42^21^2|8^24^11^2$	3				3
$2^{11}|5^41^2|6^23^22^11^2$	11				11
$2^{11}|6^23^22^11^2|6^23^22^2$	7				7
$3^61^4|4^42^11^4|8^24^11^2$	6				6
$3^61^4|4^42^3|6^23^22^11^2$	10				10
$3^61^4|6^23^22^11^2|6^23^22^11^2$	8×2	7			23
$4^42^11^4|4^42^11^4|5^41^2$	3×2	0			6
$4^42^11^4|4^42^11^4|6^23^22^2$	1×2	0			2
$4^42^11^4|4^42^21^2|4^42^3$	3				3
$4^42^11^4|4^42^21^2|6^23^22^11^2$	20				20

S_{23}

M_{23}	$\{1\}$	C_2	C_3	S_3	Total
$2^81^7\|4^42^21^3\|23^1$	4				4
$2^81^7\|5^41^3\|11^21^1$	12				12
$2^81^7\|5^41^3\|14^17^12^1$	6				6
$2^81^7\|5^41^3\|15^15^13^1$	10				10
$2^81^7\|6^23^22^21^1\|11^21^1$	24				24
$2^81^7\|6^23^22^21^1\|14^17^12^1$	18				18
$2^81^7\|6^23^22^21^1\|15^15^13^1$	18				18
$2^81^7\|7^31^2\|7^31^2$	4×2	0			8
$2^81^7\|7^31^2\|8^24^12^11^1$	16				16
$2^81^7\|8^24^12^11^1\|8^24^12^11^1$	14×2	0			28
$3^61^5\|3^61^5\|11^21^1$	6×2	0			12
$3^61^5\|3^61^5\|14^17^12^1$	4×2	0			8
$3^61^5\|3^61^5\|15^15^13^1$	4×2	0			8
$3^61^5\|4^42^21^3\|7^31^2$	30				30
$3^61^5\|4^42^21^3\|8^24^12^11^1$	54				54
$3^61^5\|5^41^3\|5^41^3$	15×2	0			30
$3^61^5\|5^41^3\|6^23^22^21^1$	70				70
$3^61^5\|6^23^22^21^1\|6^23^22^21^1$	60×2	0			120
$4^42^21^3\|4^42^21^3\|5^41^3$	52×2	0			104
$4^42^21^3\|4^42^21^3\|6^23^22^21^1$	96×2	0			192

S_{24}

M_{24}	$\{1\}$	C_2	C_3	S_3	Total
$2^81^8|3^8|23^11^1$	2				2
$2^81^8|4^42^4|21^13^1$	2				2
$2^81^8|4^6|11^21^2$	5				5
$2^81^8|4^6|14^17^12^11^1$	8				8
$2^81^8|4^6|15^15^13^11^1$	8				8
$2^81^8|5^41^4|12^2$	3				3
$2^81^8|5^41^4|21^13^1$	4				4
$2^81^8|5^41^4|23^11^1$	2				2
$2^81^8|6^23^22^21^2|12^2$	19				19
$2^81^8|6^23^22^21^2|21^13^1$	14				14
$2^81^8|6^23^22^21^2|23^11^1$	10				10
$2^81^8|6^4|7^31^3$	8				8
$2^81^8|6^4|8^24^12^11^2$	12				12
$2^81^8|7^31^3|10^22^2$	2				2
$2^81^8|7^31^3|11^21^2$	4				4
$2^81^8|7^31^3|12^16^14^12^1$	8				8
$2^81^8|7^31^3|14^17^12^11^1$	6				6
$2^81^8|7^31^3|15^15^13^11^1$	8				8
$2^81^8|8^24^12^11^2|10^22^2$	10				10
$2^81^8|8^24^12^11^2|11^21^2$	13				13
$2^81^8|8^24^12^11^2|12^16^14^12^1$	26				26
$2^81^8|8^24^12^11^2|14^17^12^11^1$	18				18
$2^81^8|8^24^12^11^2|15^15^13^11^1$	18				18
$2^{12}|3^61^6|21^13^1$	2				2
$2^{12}|3^61^6|23^11^1$	2				2
$2^{12}|4^42^21^4|11^21^2$	11				11
$2^{12}|4^42^21^4|14^17^12^11^1$	16				16
$2^{12}|4^42^21^4|15^15^13^11^1$	16				16
$2^{12}|5^41^4|7^31^3$	10				10
$2^{12}|5^41^4|8^24^12^11^2$	14				14
$2^{12}|6^23^22^21^2|7^31^3$	22				22
$2^{12}|6^23^22^21^2|8^24^12^11^2$	42				42

M_{24}	$\{1\}$	C_2	C_3	S_3	Total
$3^61^6\|3^61^6\|12^2$	2×2	0			4
$3^61^6\|3^61^6\|21^13^1$	0×2	2			2
$3^61^6\|3^61^6\|23^11^1$	0×2	2			2
$3^61^6\|3^8\|4^6$	3				3
$3^61^6\|3^8\|7^31^3$	10				10
$3^61^6\|3^8\|8^24^12^11^2$	14				14
$3^61^6\|4^42^21^4\|6^4$	21				21
$3^61^6\|4^42^21^4\|10^22^2$	18				18
$3^61^6\|4^42^21^4\|11^21^2$	15				15
$3^61^6\|4^42^21^4\|12^16^14^12^1$	26				26
$3^61^6\|4^42^21^4\|14^17^12^11^1$	24				24
$3^61^6\|4^42^21^4\|15^15^13^11^1$	24				24
$3^61^6\|4^42^4\|7^31^3$	4				4
$3^61^6\|4^42^4\|8^24^12^11^2$	10				10
$3^61^6\|4^6\|5^41^4$	7				7
$3^61^6\|4^6\|6^23^22^21^2$	28				28
$3^61^6\|5^41^4\|7^31^3$	8				8
$3^61^6\|5^41^4\|8^24^12^11^2$	28				28
$3^61^6\|6^23^22^21^2\|7^31^3$	32				32
$3^61^6\|6^23^22^21^2\|8^24^12^11^2$	96				96
$3^8\|4^42^21^4\|4^42^4$	4				4
$3^8\|4^42^21^4\|5^41^4$	30				30
$3^8\|4^42^21^4\|6^23^22^21^2$	62				62
$4^42^21^4\|4^42^21^4\|4^6$	20×2	0			40
$4^42^21^4\|4^42^21^4\|7^31^3$	14×2	16			44
$4^42^21^4\|4^42^21^4\|8^24^12^11^2$	56×2	0			112
$4^42^21^4\|4^42^4\|5^41^4$	11				11
$4^42^21^4\|4^42^4\|6^23^22^21^2$	44				44
$4^42^21^4\|5^41^4\|5^41^4$	12×2	14			38
$4^42^21^4\|5^41^4\|6^23^22^21^2$	158				158
$4^42^21^4\|6^23^22^21^2\|6^23^22^21^2$	218×2	42			478

S_{25}

	{1}	C_2	C_3	S_3	Total
$5^2 : 3$					Total
$3^81^1\|3^81^1\|3^81^1$	0×6	0×3	0×2	1	1
$5^2 : S_3$	{1}	C_2	C_3	S_3	Total
$2^{10}1^5\|3^81^1\|10^25^1$	1				1
$5^2 : 6$	{1}	C_2	C_3	S_3	Total
$2^{12}1^1\|3^81^1\|6^41^1$	1				1
$5^2 : O+(2,5)$	{1}	C_2	C_3	S_3	Total
$2^{10}1^5\|4^52^21^1\|8^31^1$	2				2
$5^2 : ((Q_8 : 3)'2)$	{1}	C_2	C_3	S_3	Total
$2^{10}1^5\|3^81^1\|12^21^1$	2				2
$5^2 : ((Q_8 : 3)'4)$	{1}	C_2	C_3	S_3	Total
$3^81^1\|4^51^5\|4^52^21^1$	2				2
$\mathrm{ASL}_2(5) : 2$	{1}	C_2	C_3	S_3	Total
$2^{10}1^5\|3^81^1\|20^14^11^1$	2				2
$(A_5 \times A_5) : 2$	{1}	C_2	C_3	S_3	Total
$2^{10}1^5\|6^23^12^41^2\|10^25^1$	1				1
$2^{12}1^1\|4^61^1\|6^33^12^11^2$	4				4
$2^{12}1^1\|6^33^12^11^2\|6^33^12^11^2$	0×2	4			4
$(A_5 \times A_5) : 2^2$	{1}	C_2	C_3	S_3	Total
$2^81^9\|4^61^1\|10^25^1$	2				2
$2^81^9\|6^33^12^11^2\|10^25^1$	2				2
$2^{10}1^5\|4^52^11^3\|10^25^1$	1				1
$2^{10}1^5\|4^61^1\|12^14^23^12^1$	1				1
$2^{10}1^5\|6^13^32^5\|10^25^1$	1				1
$2^{10}1^5\|6^33^12^11^2\|12^14^23^12^1$	2				2
$(A_5 \times A_5) : 4$	{1}	C_2	C_3	S_3	Total
$2^{12}1^1\|4^42^31^3\|8^31^1$	4				4
$2^{12}1^1\|4^42^31^3\|12^16^14^13^1$	3				3
$4^42^31^3\|4^42^31^3\|4^61^1$	0×2	4			4
$4^42^31^3\|4^42^31^3\|6^23^32^2$	0×2	3			3

$(S_5 \times S_5) : 2$	$\{1\}$	C_2	C_3	S_3	Total
$2^5 1^{15} \vert 8^3 1^1 \vert 10^2 5^1$	1				1
$2^5 1^{15} \vert 10^2 5^1 \vert 12^1 6^1 4^1 3^1$	1				1
$2^{10} 1^5 \vert 4^4 2^3 1^3 \vert 15^1 10^1$	1				1
$2^{10} 1^5 \vert 4^4 2^3 1^3 \vert 20^1 5^1$	1				1
$2^{10} 1^5 \vert 4^5 2^2 1^1 \vert 12^1 6^1 4^1 3^1$	1				1
$2^{10} 1^5 \vert 6^1 3^5 2^2 \vert 8^3 1^1$	2				2
$2^{10} 1^5 \vert 6^1 3^5 2^2 \vert 12^1 6^1 4^1 3^1$	1				1
$2^{10} 1^5 \vert 6^2 3^1 2^5 \vert 8^3 1^1$	1				1
$2^{10} 1^5 \vert 6^2 3^1 2^5 \vert 12^1 6^1 4^1 3^1$	1				1
$2^{11} 1^3 \vert 4^4 2^3 1^3 \vert 10^2 5^1$	5				5

S_{26}

$\mathrm{PSL}_2(25)$	$\{1\}$	C_2	C_3	S_3	Total
$2^{12} 1^2 \vert 3^8 1^2 \vert 12^2 1^2$	1				1
$3^8 1^2 \vert 3^8 1^2 \vert 4^6 1^2$	0×2	1			1
$\mathrm{PGL}_2(25)$	$\{1\}$	C_2	C_3	S_3	Total
$2^{13} \vert 3^8 1^2 \vert 8^3 1^2$	1				1
$\mathrm{P\Sigma L}_2(25)$	$\{1\}$	C_2	C_3	S_3	Total
$2^{12} 1^2 \vert 4^6 1^2 \vert 6^3 3^2 2^1$	5				5

S_{27}

$3^3.A_4$	$\{1\}$	C_2	C_3	S_3	Total
$2^{12}1^3\|3^81^3\|9^3$	1				1

$3^3(A_4 \times 2)$	$\{1\}$	C_2	C_3	S_3	Total
$2^{12}1^3\|3^81^3\|12^23^1$	1				1

$3^3.S_4$	$\{1\}$	C_2	C_3	S_3	Total
$2^91^9\|4^62^11^1\|9^3$	1				1

$3^3(S_4 \times 2)$	$\{1\}$	C_2	C_3	S_3	Total
$2^{12}1^3\|4^62^11^1\|6^42^11^1$	4				4

$\mathrm{ASL}_3(3)$	$\{1\}$	C_2	C_3	S_3	Total
$2^{12}1^3\|3^81^3\|13^21^1$	4				4

$\mathrm{AGL}_3(3)$	$\{1\}$	C_2	C_3	S_3	Total
$2^91^9\|4^62^11^1\|13^21^1$	4				4
$3^81^3\|4^62^11^1\|6^23^22^31^3$	8				8

$\mathrm{PSp}_4(3)$	$\{1\}$	C_2	C_3	S_3	Total
$2^{10}1^7\|4^52^31^1\|9^3$	3				3
$2^{10}1^7\|4^52^31^1\|12^23^1$	3				3
$2^{10}1^7\|4^61^3\|9^3$	1				1
$2^{10}1^7\|5^51^2\|6^43^1$	1				1
$2^{10}1^7\|6^23^22^41^1\|9^3$	3				3
$2^{10}1^7\|6^23^22^41^1\|12^23^1$	1				1
$2^{10}1^7\|6^32^31^3\|9^3$	1				1
$2^{10}1^7\|6^32^31^3\|12^23^1$	1				1

$\mathrm{PSp}_4(3):2$	$\{1\}$	C_2	C_3	S_3	Total
$2^61^{15}\|8^32^11^1\|9^3$	1				1
$2^61^{15}\|8^32^11^1\|12^23^1$	1				1
$2^61^{15}\|9^3\|10^15^32^1$	1				1
$2^61^{15}\|9^3\|12^16^14^21^1$	1				1
$2^61^{15}\|10^15^32^1\|12^23^1$	1				1
$2^{10}1^7\|6^23^5\|8^32^11^1$	2				2
$2^{10}1^7\|6^23^5\|10^15^32^1$	2				2
$2^{12}1^3\|4^52^11^5\|9^3$	3				3
$2^{12}1^3\|4^52^11^5\|12^23^1$	2				2
$2^{12}1^3\|4^52^31^1\|8^32^11^1$	6				6
$2^{12}1^3\|4^52^31^1\|10^15^32^1$	5				5
$2^{12}1^3\|4^52^31^1\|12^16^14^21^1$	4				4

	{1}	Total
$2^{12}1^3|4^61^3|10^15^32^1$	1	1
$2^{12}1^3|5^51^2|6^23^5$	2	2
$2^{12}1^3|6^13^42^31^3|9^3$	3	3
$2^{12}1^3|6^13^42^31^3|12^23^1$	2	2
$2^{12}1^3|6^23^22^41^1|8^32^11^1$	4	4
$2^{12}1^3|6^23^22^41^1|10^15^32^1$	4	4
$2^{12}1^3|6^23^22^41^1|12^16^14^21^1$	3	3
$2^{12}1^3|6^32^31^3|10^15^32^1$	2	2
$2^{12}1^3|6^32^31^3|12^16^14^21^1$	2	2

S_{28}

$\mathrm{PGL}_2(7)$	{1}	C_2	C_3	S_3	Total
$2^{12}1^4|3^91^1|8^34^1$	2				2
$2^{12}1^4|4^62^2|6^43^11^1$	1				1
$\mathrm{PSL}_2(8)$	{1}	C_2	C_3	S_3	Total
$2^{12}1^4|3^91^1|7^4$	1				1
$2^{12}1^4|3^91^1|9^31^1$	1				1
$\mathrm{P\Gamma L}_2(8)$	{1}	C_2	C_3	S_3	Total
$2^{12}1^4|3^91^1|9^31^1$	2				2
$\mathrm{P\Gamma U}_3(3)$	{1}	C_2	C_3	S_3	Total
$2^{12}1^4|3^91^1|12^23^11^1$	4				4
$2^{12}1^4|4^61^4|7^4$	1				1
$2^{12}1^4|4^61^4|12^23^11^1$	1				1
$\mathrm{PSp}_6(2)$	{1}	C_2	C_3	S_3	Total
$2^61^{16}|7^4|9^31^1$	1				1
$2^61^{16}|7^4|12^23^11^1$	1				1
$2^61^{16}|7^4|15^15^23^1$	1				1
$2^61^{16}|9^31^1|12^23^11^1$	1				1
$2^61^{16}|9^31^1|15^15^23^1$	1				1
$2^{10}1^8|6^23^51^1|7^4$	2				2
$2^{10}1^8|6^23^51^1|9^31^1$	3				3
$2^{12}1^4|3^91^1|15^15^23^1$	2				2
$2^{12}1^4|4^52^31^2|7^4$	10				10
$2^{12}1^4|4^52^31^2|9^31^1$	12				12
$2^{12}1^4|4^52^31^2|12^23^11^1$	5				5
$2^{12}1^4|4^52^31^2|15^15^23^1$	5				5
$2^{12}1^4|6^23^22^41^2|7^4$	10				10
$2^{12}1^4|6^23^22^41^2|9^31^1$	6				6
$2^{12}1^4|6^23^22^41^2|12^23^11^1$	3				3

	{1}	C_2	C_3	S_3	Total
$2^{12}1^4|6^23^22^41^2|15^15^23^1$	5				5
$2^{12}1^4|6^23^51^1|6^43^11^1$	5				5
$2^{12}1^4|6^23^51^1|8^32^11^2$	4				4
$2^{12}1^4|6^23^51^1|10^15^32^11^1$	5				5
$2^{12}1^4|6^23^51^1|12^14^23^22^1$	4				4
$2^{12}1^4|6^23^51^1|12^16^14^21^2$	4				4
$2^{12}1^4|6^32^31^4|7^4$	3				3
$2^{12}1^4|6^32^31^4|9^31^1$	3				3
$2^{12}1^4|6^32^31^4|12^23^11^1$	1				1
$2^{12}1^4|6^32^31^4|15^15^23^1$	1				1
$3^91^1|4^52^11^6|5^51^3$	1				1
$3^91^1|5^51^3|6^13^42^31^4$	1				1

A_8	{1}	C_2	C_3	S_3	Total
$2^{10}1^8|4^62^2|15^15^23^1$	1				1
$2^{12}1^4|4^52^31^2|15^15^23^1$	1				1
$2^{12}1^4|6^23^22^41^2|7^4$	1				1
$2^{12}1^4|6^23^22^41^2|15^15^23^1$	1				1

S_8	{1}	C_2	C_3	S_3	Total
$2^61^{16}|7^4|8^34^1$	1				1
$2^61^{16}|8^34^1|15^15^23^1$	1				1
$2^{10}1^8|6^23^51^1|8^34^1$	2				2
$2^{12}1^4|4^52^31^2|7^4$	3				3
$2^{12}1^4|4^52^31^2|8^34^1$	6				6
$2^{12}1^4|4^52^31^2|15^15^23^1$	2				2
$2^{12}1^4|4^62^2|10^15^32^11^1$	3				3
$2^{12}1^4|4^62^2|12^14^23^22^1$	2				2
$2^{12}1^4|6^23^22^41^2|8^34^1$	6				6
$2^{12}1^4|6^23^51^1|6^43^11^1$	2				2
$2^{12}1^4|6^23^51^1|10^15^32^11^1$	1				1

$PSL_2(27) : 3$	{1}	C_2	C_3	S_3	Total
$2^{14}|3^81^4|9^31^1$	6				6
$3^81^4|3^81^4|6^42^2$	0×2	4			4

$P\Gamma L_2(27)$	{1}	C_2	C_3	S_3	Total
$2^{13}1^2|3^81^4|12^24^1$	4				4

S_{29}

29 : 4	{1}	C_2	C_3	S_3	Total
$2^{14}1^1\|4^71^1\|4^71^1$	0×2	2			2

S_{30}

$\mathrm{PSL}_2(29)$	{1}	C_2	C_3	S_3	Total
$2^{14}1^2\|3^{10}\|7^41^2$	3				3

S_{31}

31 : 3	{1}	C_2	C_3	S_3	Total
$3^{10}1^1\|3^{10}1^1\|3^{10}1^1$	0×6	0×3	0×2	2	2
31 : 6	{1}	C_2	C_3	S_3	Total
$2^{15}1^1\|3^{10}1^1\|6^51^1$	2				2
$\mathrm{L}_3(5)$	{1}	C_2	C_3	S_3	Total
$2^{12}1^7\|3^{10}1^1\|24^16^11^1$	4				4
$2^{12}1^7\|5^61^1\|8^32^31^1$	2				2
$2^{12}1^7\|6^43^21^1\|8^32^31^1$	2				2
$2^{12}1^7\|8^32^31^1\|10^25^12^21^2$	2				2
$3^{10}1^1\|3^{10}1^1\|4^62^21^3$	14×2	0			28
$3^{10}1^1\|4^62^21^3\|4^62^21^3$	13×2	0			26
$4^62^21^3\|4^62^21^3\|4^62^21^3$	0×6	0×3	14×2	0	28

$L_5(2)$	$\{1\}$	C_2	C_3	S_3	Total
$2^81^{15}|5^61^1|21^17^13^1$	2				2
$2^81^{15}|8^24^32^11^1|21^17^13^1$	2				2
$2^{12}1^7|3^{10}1^1|15^21^1$	2				2
$2^{12}1^7|4^42^61^3|3^1$	6				6
$2^{12}1^7|4^62^21^3|21^17^13^1$	4				4
$2^{12}1^7|5^61^1|5^61^1$	7×2	0			14
$2^{12}1^7|5^61^1|6^43^21^1$	18				18
$2^{12}1^7|5^61^1|8^24^32^11^1$	12				12
$2^{12}1^7|5^61^1|12^16^14^13^22^11^1$	20				20
$2^{12}1^7|6^23^42^21^3|21^17^13^1$	4				4
$2^{12}1^7|6^43^21^1|6^43^21^1$	11×2	0			22
$2^{12}1^7|6^43^21^1|8^24^32^11^1$	16				16
$2^{12}1^7|6^43^21^1|12^16^14^13^22^11^1$	16				16
$2^{12}1^7|8^24^32^11^1|8^24^32^11^1$	8×2	0			16
$2^{12}1^7|8^24^32^11^1|12^16^14^13^22^11^1$	20				20
$2^{12}1^7|12^16^14^13^22^11^1|12^16^14^13^22^11^1$	8×2	0			16
$3^81^7|3^{10}1^1|5^61^1$	2				2
$3^81^7|3^{10}1^1|8^24^32^11^1$	2				2
$3^{10}1^1|4^42^41^7|5^61^1$	6				6
$3^{10}1^1|4^42^41^7|8^24^32^11^1$	4				4
$3^{10}1^1|4^62^21^3|4^62^21^3$	9×2	0			18
$3^{10}1^1|4^62^21^3|6^23^42^21^3$	12				12
$3^{10}1^1|6^23^42^21^3|6^23^42^21^3$	6×2	0			12
$4^42^61^3|4^42^61^3|5^61^1$	9×2	0			18
$4^42^61^3|4^42^61^3|6^43^21^1$	6×2	0			12
$4^42^61^3|4^42^61^3|8^24^32^11^1$	12×2	0			24
$4^42^61^3|4^42^61^3|12^16^14^13^22^11^1$	6×2	0			12

S_{32}

$\mathrm{ASL}_5(2)$	$\{1\}$	C_2	C_3	S_3	Total
$2^{12}1^8\|3^{10}1^2\|30^12^1$	2				2
$2^{12}1^8\|3^{10}1^2\|31^11^1$	6				6
$2^{12}1^8\|4^62^4\|21^17^13^11^1$	4				4
$2^{12}1^8\|5^61^2\|6^52^1$	18				18
$2^{12}1^8\|6^43^21^2\|6^52^1$	22				22
$2^{12}1^8\|6^52^1\|8^24^32^11^2$	16				16
$2^{12}1^8\|6^52^1\|12^16^14^13^22^11^2$	16				16
$3^{10}1^2\|4^42^61^4\|5^61^2$	18				18
$3^{10}1^2\|4^42^61^4\|6^43^21^2$	24				24
$3^{10}1^2\|4^42^61^4\|8^24^32^11^2$	12				12
$3^{10}1^2\|4^42^61^4\|12^16^14^13^22^11^2$	12				12
$3^{10}1^2\|4^62^21^4\|4^62^4$	18				18
$3^{10}1^2\|4^62^4\|6^23^42^11^4$	12				12
$4^42^61^4\|4^42^61^4\|6^52^1$	6×2	0			12
$\mathrm{PGL}_2(31)$	$\{1\}$	C_2	C_3	S_3	Total
$2^{15}1^2\|3^{10}1^2\|10^31^2$	2				2

S_{33}

$\mathrm{PSL}_2(32)$	$\{1\}$	C_2	C_3	S_3	Total
$\mathrm{P\Gamma L}_2(32)$	$\{1\}$	C_2	C_3	S_3	Total
$2^{16}1^1\|5^61^3\|5^61^3$	8×2	0			16

S_{34}

У группы S_{34} только две примитивные подгруппы: S_{34} и A_{34}.

S_{35}

A_8	{1}	C_2	C_3	S_3	Total
$2^{12}1^{11}|4^72^31^1|15^25^1$	1				1
$2^{12}1^{11}|6^43^22^21^1|7^5$	1				1
$2^{14}1^7|4^62^41^3|15^25^1$	1				1
S_8	{1}	C_2	C_3	S_3	Total
$2^{10}1^{15}|7^5|8^34^22^11^1$	1				1
$2^{12}1^{11}|6^33^52^1|10^25^3$	1				1
$2^{14}1^7|6^33^52^1|8^34^22^11^1$	2				2
$2^{16}1^3|4^62^41^3|10^25^3$	3				3
$2^{16}1^3|4^62^41^3|12^26^14^11^1$	2				2
$2^{16}1^3|4^72^11^5|7^5$	3				3
$2^{16}1^3|4^72^31^1|8^34^22^11^1$	6				6
$2^{16}1^3|6^33^52^1|6^43^31^2$	2				2
A_7	{1}	C_2	C_3	S_3	Total
$2^141^7|4^72^31^1|7^5$	2				2
S_7	{1}	C_2	C_3	S_3	Total
$2^{10}1^{15}|6^53^12^1|7^5$	1				1
$2^{16}1^3|3^{11}1^2|10^25^3$	1				1
$2^{16}1^3|3^{11}1^2|12^26^14^11^1$	1				1
$2^{16}1^3|4^72^31^1|6^53^12^1$	4				4

S_{36}

PSL$_2$(8)	{1}	C_2	C_3	S_3	Total
$2^{16}1^4\|3^{12}\|7^51^1$	1				1

PΓL$_2$(8)	{1}	C_2	C_3	S_3	Total
$2^{16}1^4\|3^{11}1^3\|9^4$	2				2

PGL$_2$(9)	{1}	C_2	C_3	S_3	Total
$2^{15}1^6\|3^{12}\|8^44^1$	1				1
$2^{15}1^6\|3^{12}\|10^35^11^1$	1				1

PΓL$_2$(9)	{1}	C_2	C_3	S_3	Total
$2^{15}1^6\|4^81^4\|8^44^1$	1				1
$2^{15}1^6\|4^82^11^2\|6^6$	3				3

PSU$_3$(3)	{1}	C_2	C_3	S_3	Total
$2^{12}1^{12}\|6^43^4\|7^51^1$	1				1
$2^{12}1^{12}\|6^43^4\|8^34^3$	1				1

PΓU$_3$(3)	{1}	C_2	C_3	S_3	Total
$2^{16}1^4\|3^{11}1^3\|12^26^2$	4				4
$2^{16}1^4\|4^62^41^4\|12^26^2$	2				2
$2^{16}1^4\|4^62^6\|7^51^1$	1				1

PSp$_4$(3)	{1}	C_2	C_3	S_3	Total
$2^{14}1^8\|4^62^6\|9^4$	1				1
$2^{14}1^8\|4^72^31^2\|9^4$	3				3
$2^{14}1^8\|4^72^31^2\|12^26^2$	3				3
$2^{14}1^8\|5^71^1\|6^43^4$	1				1

PSp$_4$(3) : 2	{1}	C_2	C_3	S_3	Total
$2^{14}1^8\|6^33^52^11^1\|8^34^3$	2				2
$2^{14}1^8\|6^33^52^11^1\|10^25^31^1$	2				2
$2^{16}1^4\|4^62^6\|10^25^31^1$	1				1
$2^{16}1^4\|4^72^31^2\|8^34^3$	6				6
$2^{16}1^4\|4^72^31^2\|10^25^31^1$	5				5
$2^{16}1^4\|4^72^31^2\|12^24^13^22^1$	4				4
$2^{16}1^4\|5^71^1\|6^33^52^11^1$	2				2

PSp$_6$(2)	{1}	C_2	C_3	S_3	Total
$2^{12}1^{12}\|6^33^52^11^1\|9^4$	1				1
$2^{12}1^{12}\|6^43^4\|10^25^31^1$	1				1
$2^{14}1^8\|6^33^52^11^1\|7^51^1$	2				2
$2^{14}1^8\|6^43^4\|8^34^22^11^2$	1				1
$2^{16}1^4\|3^{11}1^3\|15^25^11^1$	2				2
$2^{16}1^4\|4^62^41^4\|9^4$	3				3
$2^{16}1^4\|4^62^41^4\|15^25^11^1$	1				1
$2^{16}1^4\|4^72^31^2\|7^51^1$	10				10
$2^{16}1^4\|6^33^52^11^1\|6^53^12^11^1$	5				5
$2^{16}1^4\|6^33^52^11^1\|8^34^22^11^2$	2				2
$2^{16}1^4\|6^43^31^3\|6^43^4$	2				2

A_9	{1}	C_2	C_3	S_3	Total
$2^{12}1^{12}\lvert4^82^2\lvert9^4$	3				3
$2^{16}1^4\lvert3^{12}\lvert15^15^33^2$	1				1
$2^{16}1^4\lvert4^62^41^4\lvert9^4$	3				3
$2^{16}1^4\lvert4^82^2\lvert6^53^12^11^1$	4				4
$2^{16}1^4\lvert4^82^2\lvert10^25^22^21^2$	1				1
$2^{16}1^4\lvert4^82^2\lvert12^16^14^33^12^11^1$	3				3
$2^{16}1^4\lvert6^23^32^61^3\lvert9^4$	6				6

S_9	{1}	C_2	C_3	S_3	Total
$2^71^{22}\lvert8^44^1\lvert9^4$	1				1
$2^71^{22}\lvert9^4\lvert14^17^31^1$	1				1
$2^71^{22}\lvert9^4\lvert20^15^24^12^1$	1				1
$2^{15}1^6\lvert3^{12}\lvert14^17^31^1$	1				1
$2^{15}1^6\lvert3^{12}\lvert20^15^24^12^1$	1				1
$2^{15}1^6\lvert4^62^51^2\lvert9^4$	9				9
$2^{15}1^6\lvert4^82^2\lvert6^53^2$	3				3
$2^{15}1^6\lvert6^33^12^61^3\lvert9^4$	3				3
$2^{16}1^4\lvert4^62^51^2\lvert8^44^1$	6				6
$2^{16}1^4\lvert4^62^51^2\lvert14^17^31^1$	5				5
$2^{16}1^4\lvert4^62^51^2\lvert20^15^24^12^1$	3				3
$2^{16}1^4\lvert6^23^72^11^1\lvert6^53^2$	3				3
$2^{16}1^4\lvert6^33^12^61^3\lvert8^44^1$	1				1
$2^{16}1^4\lvert6^33^12^61^3\lvert14^17^31^1$	1				1
$2^{16}1^4\lvert6^33^12^61^3\lvert20^15^24^12^1$	1				1

$(A_6 \times A_6) : 2$	{1}	C_2	C_3	S_3	Total
$2^{15}1^6\lvert4^62^6\lvert10^35^11^1$	2				2
$2^{16}1^4\lvert6^43^12^31^3\lvert6^53^2$	3				3

$(A_6 \times A_6) : 2^2$	{1}	C_2	C_3	S_3	Total
$2^{10}1^{16}\lvert6^53^2\lvert8^44^1$	2				2
$2^{10}1^{16}\lvert6^53^2\lvert10^35^11^1$	2				2
$2^{15}1^6\lvert6^23^52^41^1\lvert8^44^1$	2				2
$2^{15}1^6\lvert6^23^52^41^1\lvert10^35^11^1$	3				3
$2^{15}1^6\lvert6^32^9\lvert10^35^11^1$	1				1
$2^{15}1^6\lvert6^43^12^31^3\lvert6^6$	2				2
$2^{15}1^6\lvert6^53^2\lvert12^14^33^22^21^2$	1				1

$(A_6 \times A_6) : 4$	{1}	C_2	C_3	S_3	Total
$2^{16}1^4\lvert4^52^61^4\lvert12^3$	6				6
$4^52^61^4\lvert4^52^61^4\lvert5^71^1$	0×2	5			5

$(S_6 \times S_6) : 2$	$\{1\}$	C_2	C_3	S_3	Total
$2^6 1^2 4 \vert 10^3 5^1 1^1 \vert 12^3$	1				1
$2^{15} 1^6 \vert 4^5 2^6 1^4 \vert 30^1 6^1$	1				1
$2^{15} 1^6 \vert 4^8 2^2 \vert 8^4 2^1 1^2$	2				2
$2^{15} 1^6 \vert 4^8 2^2 \vert 12^1 6^2 4^2 3^1 1^1$	4				4
$2^{15} 1^6 \vert 6^1 3^7 2^3 1^3 \vert 12^3$	2				2
$2^{15} 1^6 \vert 6^2 3^2 2^8 1^2 \vert 12^3$	3				3
$2^{15} 1^6 \vert 6^2 3^8 \vert 8^4 2^1 1^2$	1				1
$2^{15} 1^6 \vert 6^2 3^8 \vert 12^1 6^2 4^2 3^1 1^1$	3				3
$2^{18} \vert 4^5 2^6 1^4 \vert 10^3 5^1 1^1$	5				5
$(A_5 \times A_5) : 2$	$\{1\}$	C_2	C_3	S_3	Total
$2^{16} 1^4 \vert 4^8 2^1 1^2 \vert 6^5 3^2$	4				4
$(A_5 \times A_5).4$	$\{1\}$	C_2	C_3	S_3	Total
$2^{15} 1^6 \vert 4^6 2^6 \vert 10^3 5^1 1^1$	1				1
$(S_5 \times S_5) : 2$	$\{1\}$	C_2	C_3	S_3	Total
$2^{15} 1^6 \vert 4^6 2^4 1^4 \vert 12^3$	1				1

S_{37}

37 : 3	$\{1\}$	C_2	C_3	S_3	Total
$3^{12} 1^1 \vert 3^{12} 1^1 \vert 3^{12} 1^1$	0×6	0×3	0×2	2	2
37 : 4	$\{1\}$	C_2	C_3	S_3	Total
$2^{18} 1^1 \vert 4^9 1^1 \vert 4^9 1^1$	0×2	2			2
37 : 6	$\{1\}$	C_2	C_3	S_3	Total
$2^{18} 1^1 \vert 3^{12} 1^1 \vert 6^6 1^1$	2				2

S_{38}

$PSL_2(37)$	$\{1\}$	C_2	C_3	S_3	Total
$2^{18} 1^2 \vert 3^{12} 1^2 \vert 9^4 1^2$	3				3

S_{39}

У группы S_{39} только две примитивные подгруппы: S_{39} и A_{39}.

S_{40}

PSp(4, 3)	{1}	C_2	C_3	S_3	Total
$2^{20}\|4^82^21^4\|9^33^41^1$	1				1
$2^{20}\|5^8\|6^43^12^41^5$	1				1
$2^{20}\|6^43^12^41^5\|9^33^41^1$	1				1
PSp(4, 3):2	{1}	C_2	C_3	S_3	Total
$2^{16}1^8\|4^82^21^4\|10^4$	1				1
$2^{16}1^8\|4^{10}\|8^44^12^11^2$	6				6
$2^{16}1^8\|4^{10}\|9^33^41^1$	3				3
$2^{16}1^8\|4^{10}\|12^24^23^12^21^1$	2				2
$2^{16}1^8\|5^8\|6^53^22^11^2$	7				7
$2^{16}1^8\|6^43^12^41^5\|10^4$	1				1
$2^{16}1^8\|6^43^12^41^5\|12^34^1$	1				1
$2^{16}1^8\|6^53^22^11^2\|8^44^12^11^2$	2				2
$2^{16}1^8\|6^53^22^11^2\|9^33^41^1$	6				6
$2^{16}1^8\|6^53^22^11^2\|12^24^23^12^21^1$	4				4
PSp(4, 3)	{1}	C_2	C_3	S_3	Total
$2^{12}1^{16}\|5^8\|9^43^11^1$	1				1
$2^{12}1^{16}\|5^8\|12^26^22^2$	1				1
$2^{18}1^4\|4^62^8\|9^43^11^1$	1				1
$2^{18}1^4\|5^8\|6^43^41^4$	1				1
PSp(4, 3):2	{1}	C_2	C_3	S_3	Total
$2^{17}1^6\|4^62^8\|10^35^2$	1				1
$2^{17}1^6\|4^92^11^2\|8^34^4$	6				6
$2^{17}1^6\|5^8\|6^43^32^31^1$	2				2
$2^{17}1^6\|5^8\|6^53^12^21^3$	7				7
$2^{17}1^6\|6^33^52^31^1\|8^34^4$	2				2
PSL(4, 3)	{1}	C_2	C_3	S_3	Total
$2^{16}1^8\|3^{12}1^4\|20^2$	2				2
$3^{12}1^4\|3^{12}1^4\|4^{10}$	6×2	0			12
PGL(4, 3)	{1}	C_2	C_3	S_3	Total
$2^{13}1^{14}\|4^82^31^2\|20^2$	2				2
$2^{13}1^{14}\|5^8\|8^44^12^2$	2				2
$2^{13}1^{14}\|6^43^42^11^2\|10^4$	2				2
$2^{13}1^{14}\|6^43^42^11^2\|12^34^1$	2				2
$2^{13}1^{14}\|8^44^12^2\|9^33^41^1$	2				2
$2^{16}1^8\|4^82^31^2\|24^18^14^13^11^1$	8				8
$2^{16}1^8\|6^43^42^11^2\|8^44^12^2$	8				8
$2^{20}\|6^43^42^11^2\|6^43^42^11^2$	4×2	0			8
$3^{12}1^4\|4^82^31^2\|4^82^31^2$	23×2	0			46

S_{41}

41 : 4 $2^{20}1^1\lvert 4^{10}1^1\lvert 4^{10}1^1$	{1} 0×2	C_2 2	C_3	S_3	Total 2

S_{42}

PSL$_2$(41) $2^{20}1^2\lvert 4^{10}1^2\lvert 5^81^2$	{1} 2	C_2	C_3	S_3	Total 2

S_{43}

43 : 3 $3^{14}1^1\lvert 3^{14}1^1\lvert 3^{14}1^1$	{1} 0×6	C_2 0×3	C_3 0×2	S_3 2	Total 2
43 : 6 $2^{21}1^1\lvert 3^{14}1^1\lvert 6^71^1$	{1} 2	C_2	C_3	S_3	Total 2

S_{44}

PSL$_2$(43) $2^{22}\lvert 3^{14}1^2\lvert 7^61^2$	{1} 3	C_2	C_3	S_3	Total 3

S_{45}

PGL(2, 9)	{1}	C_2	C_3	S_3	Total
$2^{20}1^5\|3^{15}\|8^54^11^1$	1				1
PGammaL(2, 9)	{1}	C_2	C_3	S_3	Total
$2^{20}1^5\|4^{10}2^21^1\|6^63^3$	3				3
PSp(4, 3)	{1}	C_2	C_3	S_3	Total
$2^{20}1^5\|4^82^61^1\|9^43^3$	1				1
$2^{20}1^5\|5^9\|6^43^42^41^1$	1				1
PSp(4, 3):2	{1}	C_2	C_3	S_3	Total
$2^{19}1^7\|4^82^61^1\|10^35^3$	1				1
$2^{19}1^7\|4^{10}2^11^3\|9^43^3$	3				3
$2^{19}1^7\|4^{10}2^11^3\|12^26^24^21^1$	2				2
$2^{19}1^7\|4^{10}2^21^1\|8^44^31^1$	6				6
$2^{19}1^7\|5^9\|6^53^41^3$	2				2
A(10)	{1}	C_2	C_3	S_3	Total
$2^{14}1^{17}\|5^9\|8^54^11^1$	2				2
$2^{14}1^{17}\|5^9\|12^26^24^13^12^1$	1				1
$2^{20}1^5\|3^{15}\|8^54^11^1$	3				3
$2^{20}1^5\|3^{15}\|12^26^24^13^12^1$	3				3
$2^{20}1^5\|4^72^71^3\|9^5$	4				4
$2^{20}1^5\|4^72^71^3\|21^17^33^1$	3				3
S(10)	{1}	C_2	C_3	S_3	Total
$2^81^{29}\|9^5\|10^45^1$	1				1
$2^81^{29}\|10^45^1\|21^17^33^1$	1				1
$2^{18}1^9\|3^{15}\|10^45^1$	5				5
$2^{18}1^9\|5^9\|6^63^12^21^2$	2				2
$2^{20}1^5\|3^{15}\|14^17^42^11^1$	1				1
$2^{20}1^5\|3^{15}\|15^110^16^15^23^11^1$	1				1
$2^{20}1^5\|3^{15}\|20^15^34^22^1$	1				1
$2^{20}1^5\|4^72^71^3\|9^5$	3				3
$2^{20}1^5\|4^72^71^3\|10^45^1$	14				14
$2^{20}1^5\|4^72^71^3\|21^17^33^1$	2				2
$2^{20}1^5\|4^{10}2^21^1\|6^63^3$	6				6
$2^{20}1^5\|4^{10}2^21^1\|12^24^13^52^1$	2				2
$2^{20}1^5\|5^9\|10^15^52^31^4$	1				1
$2^{20}1^5\|6^33^22^91^3\|9^5$	1				1
$2^{20}1^5\|6^33^22^91^3\|10^45^1$	10				10
$2^{20}1^5\|6^33^22^91^3\|21^17^33^1$	1				1
$2^{20}1^5\|6^43^52^21^2\|6^63^3$	1				1

S_{46}

У группы S_{46} только две примитивные подгруппы: S_{46} и A_{46}.

S_{47}

У группы S_{47} реализуются только S_{47}, A_{47} и D_{47}.

S_{48}

У группы S_{48} четыре примитивные подгруппы: S_{46}, A_{46}, $\mathrm{PSL}_2(47)$ и $\mathrm{PGL}_2(47)$, но реализаций двух последних на плоскости нет.

S_{49}

$7^2 : 4$	$\{1\}$	C_2	C_3	S_3	Total
$2^{24}1^1\|4^{12}1^1\|4^{12}1^1$	0×2	1			1
$7^2 : 3 : D(2*4)$	$\{1\}$	C_2	C_3	S_3	Total
$2^{21}1^7\|4^{12}1^1\|6^73^21^1$	2				2
$(\mathrm{PSL}_3(2) \times \mathrm{PSL}_3(2)) : 2$	$\{1\}$	C_2	C_3	S_3	Total
$2^211^7\|4^72^91^3\|14^37^1$	2				2
$(\mathrm{A}_7 \times \mathrm{A}_7) : 2$	$\{1\}$	C_2	C_3	S_3	Total
$2^{21}1^7\|3^{15}1^4\|14^37^1$	1				1
$2^{21}1^7\|4^72^91^3\|14^37^1$	2				2
$2^{21}1^7\|4^{10}2^41^1\|8^54^21^1$	6				6
$2^{21}1^7\|4^{10}2^41^1\|10^45^12^11^2$	4				4
$2^{21}1^7\|4^{10}2^41^1\|12^26^14^43^1$	2				2
$2^{21}1^7\|6^23^32^14\|14^37^1$	2				2
$2^{21}1^7\|6^43^32^8\|8^54^21^1$	1				1
$2^{21}1^7\|6^43^72^2\|6^73^21^1$	1				1
$2^{21}1^7\|6^73^21^1\|12^16^14^43^12^6$	3				3

S_{49}

$(A_7 \times A_7) : 2^2$	{1}	C_2	C_3	S_3	Total
$2^{12}1^{25}|6^73^21^1|14^37^1$	3				3
$2^{21}1^7|4^72^91^3|14^37^1$	1				1
$2^{21}1^7|4^{10}2^31^3|12^26^34^13^1$	3				3
$2^{21}1^7|6^23^72^61^4|14^37^1$	3				3
$2^{21}1^7|6^33^12^131^2|14^37^1$	3				3
$2^{21}1^7|6^53^12^61^4|12^26^34^13^1$	2				2
$2^{24}1^1|4^{10}2^31^3|6^73^21^1$	9				9
$2^{24}1^1|6^53^12^61^4|6^73^21^1$	6				6
$(A_7 \times A_7) : 4$	{1}	C_2	C_3	S_3	Total
$2^{24}1^1|4^62^{10}1^5|12^41^1$	6				6
$2^{24}1^1|4^62^{10}1^5|20^110^25^14^1$	5				5
$2^{24}1^1|4^62^{10}1^5|24^18^26^13^1$	4				4
$3^{16}1^1|4^62^{10}1^5|4^{12}1^1$	6				6
$4^62^{10}1^5|4^62^{10}1^5|6^81^1$	0×2	6			6
$4^62^{10}1^5|4^62^{10}1^5|10^25^52^2$	0×2	5			5
$4^62^{10}1^5|4^62^{10}1^5|12^24^43^3$	0×2	4			4
$(S_7 \times S_7) : 2$	{1}	C_2	C_3	S_3	Total
$2^71^{35}|12^41^1|14^37^1$	1				1
$2^71^{35}|14^37^1|20^110^25^14^1$	1				1
$2^71^{35}|14^37^1|24^18^26^13^1$	1				1
$2^{21}1^7|4^62^{10}1^5|28^121^1$	1				1
$2^{21}1^7|4^62^{10}1^5|35^114^1$	1				1
$2^{21}1^7|4^62^{10}1^5|42^17^1$	1				1
$2^{21}1^7|4^72^{10}1^1|12^41^1$	4				4
$2^{21}1^7|4^72^{10}1^1|20^110^25^14^1$	3				3
$2^{21}1^7|4^72^{10}1^1|24^18^26^13^1$	2				2
$2^{21}1^7|4^{12}1^1|6^73^12^2$	1				1
$2^{21}1^7|4^{12}1^1|10^15^72^2$	1				1
$2^{21}1^7|4^{12}1^1|12^16^14^73^1$	2				2
$2^{21}1^7|4^{12}1^1|12^16^24^43^3$	1				1
$2^{21}1^7|4^{12}1^1|12^24^13^7$	1				1
$2^{21}1^7|6^33^12^{14}|12^41^1$	1				1
$2^{21}1^7|6^33^12^{14}|20^110^25^14^1$	1				1
$2^{21}1^7|6^33^12^{14}|24^18^26^13^1$	1				1
$2^{23}1^3|4^62^{10}1^5|14^37^1$	14				14

S_{50}

PSU$_3$(5)	{1}	C_2	C_3	S_3	Total
$2^{20}1^{10}|4^{10}2^41^2|10^45^2$	3				3
$2^{20}1^{10}|5^91^5|7^71^1$	1				1
$2^{20}1^{10}|5^91^5|8^54^22^1$	2				2
PSU$_3$(5) : 2	{1}	C_2	C_3	S_3	Total
$2^{22}1^6|3^{15}1^5|20^25^2$	2				2
$2^{22}1^6|4^{10}2^41^2|8^54^22^1$	10				10
$2^{22}1^6|4^{10}2^41^2|10^45^12^21^1$	7				7
$2^{22}1^6|4^{10}2^41^2|12^34^13^31^1$	8				8
$2^{22}1^6|6^63^32^21^1|6^73^12^11^3$	5				5

S_{51}

У группы S_{51} только две примитивные подгруппы: S_{51} и A_{51}.

S_{52}

PSL$_3$(3).2	{1}	C_2	C_3	S_3	Total
$2^{24}1^4|3^{17}1^1|8^54^3$	3				3
$2^{24}1^4|3^{17}1^1|12^36^14^13^12^11^1$	4				4
$2^{24}1^4|4^{10}2^41^4|8^54^3$	1				1
$2^{24}1^4|4^{10}2^6|6^83^11^1$	4				4

S_{53}

53 : 4	{1}	C_2	C_3	S_3	Total
$2^{26}1^1|4^{13}1^1|4^{13}1^1$	0×2	2			2

S_{54}

У группы S_{54} четыре примитивные подгруппы: S_{54}, A_{54}, PSL$_2$(53) и PGL$_2$(53), но реализаций двух последних на плоскости нет.

S_{55}

PGL$_2$(11)	{1}	C_2	C_3	S_3	Total
$2^{25}1^5\|4^{12}2^31^1\|5^{11}$	2				2
$2^{25}1^5\|4^{12}2^31^1\|6^83^21^1$	1				1
PGL$_2$(11)	{1}	C_2	C_3	S_3	Total
$2^{25}1^5\|3^{17}1^4\|10^55^1$	2				2
$2^{25}1^5\|3^{17}1^4\|12^44^13^1$	2				2
$2^{25}1^5\|4^{13}1^3\|5^{11}$	2				2
$2^{25}1^5\|4^{13}1^3\|6^83^12^2$	1				1
A$_{11}$	{1}	C_2	C_3	S_3	Total
$2^{24}1^7\|4^82^{10}1^3\|11^5$	20				20
$2^{24}1^7\|6^43^12^{12}1^4\|11^5$	5				5
S$_{11}$	{1}	C_2	C_3	S_3	Total
$2^91^{37}\|10^55^1\|11^5$	1				1
$2^91^{37}\|11^5\|18^19^41^1$	1				1
$2^91^{37}\|11^5\|24^18^34^13^1$	1				1
$2^91^{37}\|11^5\|28^17^34^12^1$	1				1
$2^91^{37}\|11^5\|30^16^25^23^1$	1				1
$2^{25}1^5\|4^82^91^5\|11^5$	10				10
$2^{25}1^5\|4^82^{10}1^3\|10^55^1$	8				8
$2^{25}1^5\|4^82^{10}1^3\|18^19^41^1$	7				7
$2^{25}1^5\|4^82^{10}1^3\|24^18^34^13^1$	6				6
$2^{25}1^5\|4^82^{10}1^3\|28^17^34^12^1$	5				5
$2^{25}1^5\|4^82^{10}1^3\|30^16^25^23^1$	4				4
$2^{25}1^5\|4^{12}2^31^1\|5^{11}$	5				5
$2^{25}1^5\|4^{12}2^31^1\|6^83^21^1$	8				8
$2^{25}1^5\|4^{12}2^31^1\|12^24^63^12^2$	3				3
$2^{25}1^5\|5^{11}\|6^33^{12}1^1$	1				1
$2^{25}1^5\|6^33^32^{12}1^4\|11^5$	10				10
$2^{25}1^5\|6^33^{12}1^1\|6^83^21^1$	2				2
$2^{25}1^5\|6^33^{12}1^1\|12^24^63^12^2$	1				1
$2^{25}1^5\|6^43^12^{12}1^4\|10^55^1$	1				1
$2^{25}1^5\|6^43^12^{12}1^4\|18^19^41^1$	1				1
$2^{25}1^5\|6^43^12^{12}1^4\|24^18^34^13^1$	1				1
$2^{25}1^5\|6^43^12^{12}1^4\|28^17^34^12^1$	1				1
$2^{25}1^5\|6^43^12^{12}1^4\|30^16^25^23^1$	1				1

S_{56}

PSL$_3$(4)	{1}	C_2	C_3	S_3	Total
$2^{24}1^8\|4^{12}2^21^4\|7^8$	1				1
PSL$_3$(4).2_1	{1}	C_2	C_3	S_3	Total
$2^{25}1^6\|3^{18}1^2\|10^55^11^1$	2				2
$2^{25}1^6\|4^{12}2^4\|6^83^22^1$	4				4
PSL$_3$(4).2_2	{1}	C_2	C_3	S_3	Total
$2^{28}\|4^{12}2^21^4\|5^{11}1^1$	3				3
PSL$_3$(4).2^2	{1}	C_2	C_3	S_3	Total
$2^{28}\|4^{12}2^21^4\|8^64^12^2$	1				1

S_{57}

PSL$_2$(19)	{1}	C_2	C_3	S_3	Total
$2^{26}1^5\|3^{18}1^3\|9^63^1$	6				6
$2^{26}1^5\|3^{18}1^3\|10^55^12^1$	4				4
PSL$_3$(7)	{1}	C_2	C_3	S_3	Total
$2^{24}1^9\|4^{12}2^41^1\|7^81^1$	2				2
$2^{24}1^9\|4^{12}2^41^1\|8^64^21^1$	4				4
$2^{24}1^9\|4^{12}2^41^1\|14^37^12^31^2$	2				2
$3^{18}1^3\|3^{18}1^3\|4^{12}2^41^1$	8×2	0			16
PSL$_3$(7).3	{1}	C_2	C_3	S_3	Total
$2^{24}1^9\|3^{19}\|21^27^13^21^2$	2				2

S_{58}

У группы S_{58} только две примитивные подгруппы: S_{58} и A_{58}.

S_{59}

У группы S_{59} пять примитивных подгрупп: S_{59}, A_{59}, D_{59} (одна реализация на плоскости), 59:29 и PGL$_1$(59), но реализаций двух последних на плоскости нет.

S_{60}

A$_5$ wreath S$_2$ $2^{28}1^4|4^{14}2^11^2|6^83^32^11^1$	{1} 4	C_2	C_3	S_3	Total 4
A$_5$ wreath S$_2$ $2^{28}1^4|4^{14}2^2|6^73^52^11^1$	{1} 4	C_2	C_3	S_3	Total 4

S_{61}

$61:3$ $3^{20}1^1|3^{20}1^1|3^{20}1^1$	{1} 0×6	C_2 0×3	C_3 0×2	S_3 1	Total 1
$61:4$ $2^{30}1^1|4^{15}1^1|4^{15}1^1$	{1} 0×2	C_2 2	C_3	S_3	Total 2
$61:6$ $2^{30}1^1|4^{14}2^2|6^73^52^11^1$	{1} 4	C_2	C_3	S_3	Total 4

S_{62}

У группы S_{62} четыре примитивные подгруппы: S_{62}, A_{62}, $\mathrm{PSL}_2(61)$ и $\mathrm{PGL}_2(61)$, но реализаций двух последних на плоскости нет.