	1a	2a	2b	4a	2c	3a	2d	2e	4b	2f	6a	12a	6b	2g	12b	6c	12c	12d
χ_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
χ_2	1	-1	-1	-1	1	1	1	1	1	-1	-1	-1	1	-1	1	-1	-1	1
χ_3	1	-1	-1	1	1	1	1	-1	-1	-1	-1	1	1	1	-1	-1	1	-1
χ_4	1	-1	1	-1	1	1	-1	1	-1	1	1	-1	1	1	-1	1	-1	-1
χ_5	1	-1	1	1	1	1	-1	-1	1	1	1	1	1	-1	1	1	1	1
χ_6	1	1	-1	-1	1	1	-1	-1	1	-1	-1	-1	1	1	1	-1	-1	1
χ_7	1	1	-1	1	1	1	-1	1	-1	-1	-1	1	1	-1	-1	-1	1	-1
χ_8	1	1	1	-1	1	1	1	-1	-1	1	1	-1	1	-1	-1	1	-1	-1
χ_9	2	0	-2	-2	2	-1	0	0	2	-2	1	1	-1	0	-1	1	1	-1
χ_{10}	2	0	-2	2	2	-1	0	0	-2	-2	1	-1	-1	0	1	1	-1	1
χ11	2	0	2	-2	2	-1	0	0	-2	2	-1	1	-1	0	1	-1	1	1
χ_{12}	2	0	2	2	2	-1	0	0	2	2	-1	-1	-1	0	-1	-1	-1	-1
χ_{13}	2	0	2	0	-2	2	0	0	0	-2	2	0	-2	0	0	-2	0	0
χ_{14}	2	0	-2	0	-2	2	0	0	0	2	-2	0	-2	0	0	2	0	0
χ_{15}	2	0	-2	0	-2	-1	0	0	0	2	1	$-E(12)^7 + E(12)^{11}$	1	0	$E(12)^7 - E(12)^{11}$	-1	$E(12)^7 - E(12)^{11}$	$-E(12)^7 + E(12)^{11}$
χ_{16}	2	0	-2	0	-2	-1	0	0	0	2	1	$E(12)^7 - E(12)^{11}$	1	0	$-E(12)^7 + E(12)^{11}$	-1	$-E(12)^7 + E(12)^{11}$	$E(12)^7 - E(12)^{11}$
χ_{17}	2	0	2	0	-2	-1	0	0	0	-2	-1	$-E(12)^7 + E(12)^{11}$	1	0	$-E(12)^7 + E(12)^{11}$	1	$E(12)^7 - E(12)^{11}$	$E(12)^7 - E(12)^{11}$
χ_{18}	2	0	2	0	-2	-1	0	0	0	-2	-1	$E(12)^7 - E(12)^{11}$	1	0	$E(12)^7 - E(12)^{11}$	1	$-E(12)^7 + E(12)^{11}$	$-E(12)^7 + E(12)^{11}$

Trivial source character table of $G \cong C2 \times D24$ at p = 2

Ordinary character table of $G \cong C2 \times D24$:

Third source character table of $G = C2$ X $D24$ at $p = 2$.	3.7	3.7	3.7	37 37	3.7	3.7	A7 A	7 37	3.7	3.7	3.7	A 7	37 37	1 1 7	37 37	3.7	1 1 7	1 1 7	A7 A7	37	A7 A7
Normalisers N_i	N_1	N ₂	N_3	N ₄ N ₅	N ₆	<i>I</i> V ₇	N ₈ N	V9 N ₁₀	N ₁₁	N ₁₂	N ₁₃	N ₁₄	N ₁₅ N ₁	6 N ₁₇	N ₁₈ N ₁	19 N ₂₀	N ₂₁	N ₂₂	N ₂₃ N ₂	24 N25	$N_{26} N_{27}$
p-subgroups of G up to conjugacy in G	P_1	P_2	P_3	P_4 P_5	P_6	P_7	$P_8 \mid P$	$P_{9} P_{10}$	P_{11}	P_{12}	P_{13}	P_{14}	$P_{15} \mid P_1$	P_{17}	P_{18} P_1	$_{.9} \mid P_{20}$	P_{21}	P_{22}	$P_{23} \mid P_2$	P_{25}	$P_{26} P_{27}$
Representatives $n_j \in N_i$	1a 3a	1a $3a$	1a	$1a \mid 1a \mid$	1a 3a	1a $3a$	1a 1	$a \mid 1a$	1a 3a	1a $3a$	1a 1	a 3a	$1a \mid 1a$	1a	$1a \mid 1a$	$a \mid 1a$	$a \mid 1a$	1 <i>a</i>	$1a \mid 1a$	$a \mid 1a \mid$	1a 1a
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	16 16	0 0	0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0 0	$0 \mid 0$	0		0	$0 \mid 0$	0	$0 \mid 0$	1 0	0 0
$\boxed{0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 1 \cdot \chi_{17} + 1 \cdot \chi_{18}}$	16 - 8	0 0	0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0 0
$\left 1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} \right $	8 8	8 8	0	$0 \mid 0 \mid$	0 0	0 0	0 0	0 0	0 0	0 0	0	0 0	$0 \mid 0$	0		0	$0 \mid 0$	0	$0 \mid 0$	0	
$\boxed{0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}}$	8 -4	8 -4	0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0 0
$ \left[1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} \right] $	8 8	0 0	4	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	0	0 0	0	$0 \mid 0$	0	0 0	0	0 0
$ \left[1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} \right] $	8 8	0 0	0	4 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	0	0 0	0	$0 \mid 0$	0	0 0	0	0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	8 8	0 0	0	0 4	0 0	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0 0) 0	0 0
$ \left 1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 2 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} \right $	8 8	0 0	0	0 0	8 8	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	0		0	$0 \mid 0$	0	0 0) 0	
$\boxed{0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}}$	8 -4	0 0	0	0 0	8 -4	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0 0
$\left 1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 2 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} \right $	8 8	0 0	0	0 0	0 0	8 8	0 0	0 0	0 0	0 0	0	0 0	$0 \mid 0$	0		0	$0 \mid 0$	0	$0 \mid 0$	0	0 0
$\boxed{0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 1 \cdot \chi_{18}}$	8 -4	0 0	0	0 0	0 0	8 -4	0 (0 0	0 0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	8 8	0 0	0	0 0	0 0	0 0	4 (0 0	0 0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	4 4	0 0	0	2 0	0 0	4 4	2 2	2 0	0 0	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0 0) 0	0 0
$\boxed{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}}$	4 4	0 0	0	$\begin{vmatrix} 2 & 0 \end{vmatrix}$	4 4	0 0	2 (~ -	0 0	0 0	0	0 0	0 0	0	$\begin{vmatrix} 0 & 0 \end{vmatrix}$	0	0 0	0	0 0	0	0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	4 4	4 4	0	0 0	0 0	0 0	0 0	0 0	4 4	0 0	0	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0 0
$ \left[0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} \right] $	4 -2	4 -2	0	0 0	0 0	0 0	0 0	0 0	4 -2	0 0	0	0 0	0 0	0	0 0	0	$0 \mid 0$	0	0 0	0	0 0
$\left 1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} \right $	4 4	4 4	0	0 0	4 4	4 4	0 0	0 0	0 0	4 4	0	0 0	0 0	0	0 0	0	$0 \mid 0$	0	0 0) 0	0 0
$ \left[0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} \right] $	4 -2	4 -2	0	0 0	4 -2	$\begin{vmatrix} 4 & -2 \end{vmatrix}$	0 0	0 0	0 0	$\begin{vmatrix} 4 & -2 \end{vmatrix}$	0	0 0	0 0	0	0 0	0	0 0	0	0 0) 0	0 0
$\boxed{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}}$	4 4	0 0	2	0 2	4 4	0 0	0 0	0 0	0 0	0 0	2	0 0	0 0	0	0 0	0	0 0	0	0 0	0	0 0
$\boxed{1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}}$	4 4	4 4	0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	4 4	0 0	0	0 0	0	0 0	0	0 0	0	0 0
$ \left[\begin{array}{cccccccccccccccccccccccccccccccccccc$	4 -2	4 -2	0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	4 -2	0 0	0	0 0	0	0 0	0	0 0) 0	0 0
$\boxed{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}}$	4 4	4 4	0	0 4	0 0	0 0	0 0	0 0	0 0	0 0	0	0 0	4 0	0	0 0	0	0 0	0	0 0	0	0 0
$\boxed{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}}$	4 4	0 0	2	0 2	0 0	4 4	0 (0 0	0 0	0 0	0	0 0	0 2	0	0 0	0	0 0	0	0 0	0	0 0
$\boxed{1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}}$	4 4	4 4	0	4 0	0 0	0 0	0 (0 0	0 0	0 0	0	0 0	0 0	4	0 0	0	0 0	0	0 0	0	0 0
$\boxed{1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}}$	4 4	4 4	4	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0 0	0 0	0	4 0	0	0 0	0	0 0	0	0 0
$\boxed{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}}$	4 4	4 4	0	0 0	0 0	0 0	4 (0 0	0 0	0 0	0	0 0	0 0	0	0 4	0	0 0	0	0 0	0	0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	2 2	2 2	0	0 0	2 2	2 2	0 (0 0	2 2	2 2	0	2 2	0 0	0	0 0	2	2 0	0	0 0	0	0 0
$ \left \ 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} \right $	2 -1	2 -1	0	0 0	2 -1	$\begin{vmatrix} 2 & -1 \end{vmatrix}$	0 0	0 0	2 -1	$\begin{vmatrix} 2 & -1 \end{vmatrix}$	0	2 -1	0 0	0	0 0	2 -	-1 0	0	0 0) 0	0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	2 2	2 2	0	2 0	2 2	2 2	2 2	2 2	0 0	2 2	0	0 0	0 0	2	0 2	0	0 2	0	0 0	0	0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	2 2	2 2	0	0 2	0 0	0 0	2 (0 0	0 0	0 0	0	2 2	2 0	0	0 2	0	0 0	2	0 0	0	0 0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	2 2	2 2	2	2 0	0 0	0 0	0 (0 0	0 0	0 0	0	2 2	0 0	2	2 0	0	0 0	0	2 0	0	0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	2 2	2 2	0	2 2	0 0	0 0	0 (0 0	2 2	0 0	0	0 0	2 0	2	0 0	0	0 0	0	0 2	0	0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	2 2	2 2	2	0 2	2 2	2 2	0 (0 0	0 0	2 2	2	0 0	2 2	0	2 0	0	0 0	0	0 0) 2	0 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	2 2	2 2	2	0 0	0 0	0 0	2 (0 0	2 2	0 0	0	0 0	0 0	0	2 2	0	0 0	0	0 0	0	2 0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	1 1	1 1	1	1 1	1 1	1 1	1 1	1 1	1 1	1 1	1	1 1	1 1	1	1 1	1	1 1	1	1 1	. 1	1 1
											-					-	'				

 $P_1 = Group([()]) \cong 1$ $P_2 = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48)]) \cong C2$ $P_3 = Group([(1,7)(2,3)(4,32)(5,19)(6,35)(8,25)(9,12)(10,28)(11,21)(13,24)(14,18)(15,48)(16,45)(17,20)(22,47)(23,41)(26,46)(27,38)(29,44)(30,43)(31,34)(33,42)(36,40)(37,39)]) \cong C2$

$P_4 = Group([(1,21)(2,14)(3,32)(4,9)(5,8)(6,46)(7,25)(10,42)(11,19)(12,18)(13,48)(15,38)(16,37)(17,36)(20,47)(22,31)(23,30)(24,29)(26,45)(27,44)(28,43)(33,41)(34,40)(35,39)]) \cong C2$

- $P_5 = Group([(1,2)(3,7)(4,21)(5,9)(6,24)(8,14)(10,17)(11,32)(12,19)(13,35)(15,46)(16,38)(18,25)(20,28)(22,42)(23,31)(26,48)(27,45)(29,37)(30,36)(33,47)(34,41)(39,44)(40,43)]) \cong C_2$ $P_7 = Group([(1,12)(2,10)(2,5)(4,25)(6,27)(7,0)(8,32)(10,34)(11,14)(13,16)(15,30)(17,41)(18,21)(20,23)(22,42)(24,45)(26,20)(28,31)(30,47)(23,36)(35,38)(37,48)(40,42)(44,46)]) \cong C_2$
- $P_6 = Group([(1,12)(2,19)(3,5)(4,25)(6,27)(7,9)(8,32)(10,34)(11,14)(13,16)(15,39)(17,41)(18,21)(20,23)(22,43)(24,45)(26,29)(28,31)(30,47)(33,36)(35,38)(37,48)(40,42)(44,46)]) \cong C2$ $P_7 = Group([(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48)]) \cong C2$
- $P_8 = Group([(1,32)(2,25)(3,21)(4,19)(5,18)(6,48)(7,14)(8,12)(9,11)(10,47)(13,46)(15,45)(16,44)(17,43)(20,42)(22,41)(23,40)(24,39)(26,38)(27,37)(28,36)(29,35)(30,34)(31,33)]) \cong C2$ $P_9 = Group([(1,21)(2,14)(3,32)(4,9)(5,8)(6,46)(7,25)(10,42)(11,19)(12,18)(13,48)(15,38)(16,37)(17,36)(20,47)(22,31)(23,30)(24,29)(26,45)(27,44)(28,43)(33,41)(34,40)(35,39), (1,3)(27,37)(28,36)(29,35)(30,34)(31,33)]) \cong C2$
- $P_{10} = Group([(1,21)(2,14)(3,32)(4,9)(5,8)(6,46)(7,25)(10,42)(11,19)(12,18)(13,48)(15,38)(16,37)(17,36)(20,47)(22,31)(23,30)(24,29)(26,45)(27,44)(28,43)(33,41)(34,40)(35,39), (1,3)(2,7)(4,9)(4,10)(4,1$
- $P_{11} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(7,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(2,8,9,21)(3,11,12,25)(6,15,16,29)(7,18,19,32)(10,22,23,36)(13,26,27,39)(17,30,31,42)(20,33,34,43)(24,37,38,46)(28,40,41,47)(35,44,45,48)]) \cong C_2 \times C_2$
- $P_{13} = Group([(1,12)(2,19)(3,5)(4,25)(6,27)(7,9)(8,32)(10,34)(11,14)(13,16)(15,39)(17,41)(18,21)(20,23)(22,43)(24,45)(26,29)(28,31)(30,47)(33,36)(35,38)(37,48)(40,42)(44,46), (1,2)(3,7)(4,21)(5,9)(6,24)(8,14)(10,17)(11,32)(12,19)(13,35)(15,46)(16,38)(18,25)(20,28)(22,42)(23,31)(26,48)(27,45)(29,37)(30,36)(33,47)(34,41)(39,44)(40,43)]) \\ \cong C2 \times C2$
- $P_{14} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,11,5,25)(2,18,9,32)(3,4,12,14)(6,26,16,39)(7,8,19,21)(10,33,23,43)(13,15,27,29)(17,40,31,47)(20,22,34,36)(24,44,38,48)(28,30,41,42)(35,37,45,46)]) \cong C4$ $P_{15} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,213,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,213,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,213,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,213,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,213,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,213,27)(41,41)(6,26,16,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,213,27)(41,41)(6,26,16,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,213,27)(41,41)(6,26,16,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,213,27)(41,41)(6,26,16,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,213,27)(41,41)(6,26,16,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,213,27)(41,41)(6,26,16,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,213,27)(41,41)(6,26,16,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,213,27)(41,41)(6,26,16,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,213,27)(41,41)(6,26,16,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,213,27)(41,41)(6,26,16,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,213,27)(41,41)(41,4$
- $P_{16} = Group([(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,2)(3,7)(4,21)(5,9)(6,24)(8,14)(10,17)(11,32)(12,19)(13,35)(15,46)(16,38)(18,25)(20,28)(22,42)(23,31)(26,48)(27,45)(29,37)(30,36)(33,47)(34,41)(39,44)(40,43)]) \\ \cong C_2 \times C_2 \\ P_{17} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,21)(2,14)(3,32)(4,9)(5,8)(6,46)(7,25)(10,42)(11,19)(12,18)(13,48)(15,38)(16,37)(17,36)(20,47)(22,31)(23,30)(24,29)(26,45)(27,44)(28,43)(33,41)(34,40)(35,39)]) \\ \cong C_2 \times C_2 \\ P_{17} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,44)(38,45)(42,47)(46,48), (1,21)(23,31)(26,48)(27,45)(29,37)(30,36)(33,47)(34,41)(39,44)(40,43)]) \\ \cong C_2 \times C_2 \\ P_{17} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,44)(38,43)(35,45)(37,44)(38,43)(35,45)(37,44)(38,43)(37,44)(38,4$
- $P_{18} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,7)(2,3)(4,32)(5,19)(6,35)(8,25)(9,12)(10,28)(11,21)(13,24)(14,18)(15,48)(16,45)(17,20)(22,47)(23,41)(26,46)(27,38)(29,44)(30,43)(31,34)(33,42)(36,40)(37,39)]) \cong C2 \times C2$ $P_{19} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,7)(2,3)(4,32)(25,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,7)(2,3)(4,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,7)(2,3)(4,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,7)(2,3)(4,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,7)(2,3)(4,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,7)(2,3)(4,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,7)(23,40)(24,39)(26,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,32)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,32)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,32)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,32)(22,36)(43,43)(35,45)(37,46)(40,47)(44,48), (1,32)(22,36)(43,43)(35,45)(37,46)(40,47)(44,48), (1,32)(22,36)(43,43)(35,45)(37,46)(40,47)(44,48), (1,32)(22,36)(43,43)(35,45)(37,46)(40,47)(44,48), (1,32)(22,36)(43,43)(35,45)(37,46)(40,47)(44,48), (1,32)(22,36)(43,43)(35,45)(37,46)(40,47)(44,48), (1,32)(22,36)(43,43)(33,43)(35,45)(37,46)(40,47)(44,48), (1,32)(22,43)(33,43)(35,45)(37,46)(40,47)(44,48), (1,32)(22,43)(33,43)(35,45)(37,46)(40,47)(44,48), (1,32)(22,43)(32,42)(32,43)(32,42)(32,43)(32,42)(32,43)(32,42)(32,43)(32,42)(32,43)(32,42)(32,42)(32,42)(32,42)($
- $P_{20} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48)]) \cong C4 \times C2$ $P_{21} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48)]) \cong C4 \times C2$ $P_{21} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48)]) \cong C4 \times C2$ $P_{21} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48)]) \cong C4 \times C2$ $P_{21} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)$
- $P_{22} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,40)(13,15)(13,27)(15,29)(17,40)(17,29)$
- $P_{23} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,48)(28,30,41,42)(35,37,45,46), (1,21)(2,14)(3,32)(4,9)(5,8)(6,46)(7,25)(10,42)(11,19)(12,18)(13,48)(15,38)(16,37)(17,36)(20,47)(22,31)(23,30)(24,29)(26,45)(27,44)(28,43)(33,41)(34,40)(35,39)]) \cong D8 \\ P_{24} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(2,8,9,21)(3,11,12,25)(6,15,16,29)(7,18,19,32)(10,23,31)(26,48)(27,45)(29,37)(30,36)(33,47)(34,41)(39,44)(40,43)]) \cong D8 \\ P_{25} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(28,43)(33,41)(34,40)(35,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(28,43)(33,41)(34,40)(35,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(28,43)(33,41)(34,40)(35,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(28,43)(33,41)(34,40)(35,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(28,43)(33,41)(34,40)(35,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(28,43)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(28,43)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(28,43)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(28,43)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(28,43)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(28,43)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(28,43)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(28,43)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4,5,14)(43,43)(44,43)(33,44)(44,48), (1,4,5,14)(44,48)$
- $P_{26} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(6,15,16,29)(7,18,19,32)(10,22,23,36)(13,26,27,39)(17,30,31,42)(20,33,44)(24,37,38,46)(28,40,41,47)(35,44,45,48), (1,7)(2,3)(4,32)(20,34)(22,33)(23,43)(24,37,38,46)(28,40,41,47)(35,44,45,48), (1,7)(2,3)(4,32)(20,34)(23,34)(24,37,38,46)(28,40,41,47)(35,44,45,48), (1,7)(2,3)(4,32)(20,34)(24,37)(36,40)(37,39)] \\ = D_{27} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(6,15,16,29)(7,18,19,32)(10,22,23,36)(13,26,27,39)(17,30,31,42)(20,33,43)(24,37)(36,40)(37,44)(38,45)(24,37)(36,43)(35,45)(37,44)(38,45)(24,37)(36,43)(35,45)(37,44)(38,45)(24,37)(36,43)(35,45)(37,44)(38,45)(24,37)(36,43)(37,44)(38,45$

 $N_1 = Group([1,2)(3,7)(4,21)(5,9)(6,24)(8,14)(10,10)(10,$

 $N_3 = Group([(1,7)(2,3)(4,32)(5,19)(6,35)(8,25)(9,12)(10,28)(11,21)(13,24)(14,18)(15,48)(16,45)(17,29)(2,33)(23,34)(24,35)(29,$

 $2.5 \times 1.5 \times 1.5$

 $N_8 = Group([(1,32)(2,25)(3,21)(4,19)(5,13)(2,73)(4,19)(5,13)(2,73)(4,19)(5,13)(2,$

 $N_{10} = Group([[1,12)(2,19)(3,5)(4,25)(2,33)(23,34)(24,35)(29,23)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48)]) \\ \cong C_{2} \times C_{2}$

 $N_{17} = Group([(1,21)(2,14)(3,32)(4,9)(5,8)(6,46)(7,25)(10,42)(11,19)(13,35)(15,46)(16,37)(17,36)(20,34)(24,35)(29,37)(30,34)(24,35)(29,34)(24,34)$

 $N_{19} = Group([(1,32)(2,35)(3,41)(3,41)(3,42)(2,41)(3,41)(3,41)(3,42)(2,41)(3,41)(3,42)(2,41)(3,41)(3,42)(3,41)(3,42)(3,41)(3,42)(3,41)(3,42)(3,41)(3,42)(3,41)(3,42)(3,41)(3,42)(3,41)(3,42)(3,41)(3,42)(3,41)(3,42)(3,41)(3,42)(3,41)(3,42)(3,41)(3,42)(3,41)(3,42)(3,41)(3,42)(3,41)(3,42)(3,42)(3,41)(3,42)$

 $N_{21} = Group([(1,21)(2,14)(3,32)(4,9)(5,8)(6,46)(7,25)(10,42)(13,32)(2,33)(24,29)(26,45)(27,44)(38,45)(42,47)(46,48),(1,2)(3,34)(34,41)(39,44)(39,43)(37,44)(38,45)(42,47)(46,48),(1,2)(3,34)(24,35)(29,34)(23,34)(24,35)(29,3$

 $N_{24} = Group([(1,2)(3,7)(4,21)(5,9)(6,24)(8,14)(10,17)(11,32)(12,19)(13,35)(15,46)(16,38)(13,47)(24,37)(34,41)(39,44)(49,43)(12,37)(15,29)(17,31)(18,32)(29,33)(23,34)(24,37)(39,44)$

 $N_{26} = Group([(1,7)(2,3)(4,32)(5,49)(1,45)(1,45)(1,49)(1$