The group G is isomorphic to the group labelled by [48, 24] in the Small Groups library.
Ordinary character table of $G \cong$ C3 x (C8 : C2):

	1a	8a	2a	3a	4a	2b	8b	24a	8c	6a	4b	3b	12a	6b	4c	24b	8d	24c	24d	6c	12b	12c	6d	12d	24e	24f	24g	12e	12f	24h
χ_{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
χ_{2}	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
χ_{3}	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
χ_{4}	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
χ_{5}	1	−1	−1	$E(3)^2$	1	1	1	$-E(3)^2$	−1	$-E(3)^2$	−1	$E(3)$	$E(3)^2$	$E(3)^2$	1	$E(3)^2$	1	$-E(3)$	$-E(3)^2$	$-E(3)$	$-E(3)^2$	$E(3)$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)^2$	$-E(3)$	$-E(3)$	$E(3)$	$E(3)$
χ_{6}	1	−1	−1	$E(3)$	1	1	1	$-E(3)$	−1	$-E(3)$	−1	$E(3)^2$	$E(3)$	$E(3)$	1	$E(3)$	1	$-E(3)^2$	$-E(3)$	$-E(3)^2$	$-E(3)$	$E(3)^2$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)$	$-E(3)^2$	$-E(3)^2$	$E(3)^2$	$E(3)^2$
χ_{7}	1	−1	1	$E(3)^2$	1	1	−1	$-E(3)^2$	−1	$E(3)^2$	1	$E(3)$	$E(3)^2$	$E(3)^2$	1	$-E(3)^2$	−1	$-E(3)$	$-E(3)^2$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)$	$E(3)^2$	$-E(3)$	$-E(3)^2$	$-E(3)$	$E(3)$	$E(3)$	$-E(3)$
χ_{8}	1	−1	1	$E(3)$	1	1	−1	$-E(3)$	−1	$E(3)$	1	$E(3)^2$	$E(3)$	$E(3)$	1	$-E(3)$	−1	$-E(3)^2$	$-E(3)$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)^2$	$E(3)$	$-E(3)^2$	$-E(3)$	$-E(3)^2$	$E(3)^2$	$E(3)^2$	$-E(3)^2$
χ_{9}	1	1	−1	$E(3)^2$	1	1	−1	$E(3)^2$	1	$-E(3)^2$	−1	$E(3)$	$E(3)^2$	$E(3)^2$	1	$-E(3)^2$	−1	$E(3)$	$E(3)^2$	$-E(3)$	$-E(3)^2$	$E(3)$	$E(3)$	$E(3)^2$	$-E(3)$	$-E(3)^2$	$E(3)$	$-E(3)$	$E(3)$	$-E(3)$
χ_{10}	1	1	−1	$E(3)$	1	1	−1	$E(3)$	1	$-E(3)$	−1	$E(3)^2$	$E(3)$	$E(3)$	1	$-E(3)$	−1	$E(3)^2$	$E(3)$	$-E(3)^2$	$-E(3)$	$E(3)^2$	$E(3)^2$	$E(3)$	$-E(3)^2$	$-E(3)$	$E(3)^2$	$-E(3)^2$	$E(3)^2$	$-E(3)^2$
χ_{11}	1	1	1	$E(3)^2$	1	1	1	$E(3)^2$	1	$E(3)^2$	1	$E(3)$	$E(3)^2$	$E(3)^2$	1	$E(3)^2$	1	$E(3)$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)$	$E(3)$	$E(3)$
χ_{12}	1	1	1	$E(3)$	1	1	1	$E(3)$	1	$E(3)$	1	$E(3)^2$	$E(3)$	$E(3)$	1	$E(3)$	1	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)$	$E(3)^2$	$E(3)^2$	$E(3)^2$	$E(3)^2$
χ_{13}	1	$-E(4)$	−1	1	−1	1	$E(4)$	$-E(4)$	$E(4)$	−1	1	1	−1	1	−1	$E(4)$	$-E(4)$	$-E(4)$	$E(4)$	−1	1	−1	1	−1	$E(4)$	$-E(4)$	$E(4)$	1	−1	$-E(4)$
χ_{14}	1	$E(4)$	−1	1	−1	1	$-E(4)$	$E(4)$	$-E(4)$	−1	1	1	−1	1	−1	$-E(4)$	$E(4)$	$E(4)$	$-E(4)$	−1	1	−1	1	−1	$-E(4)$	$E(4)$	$-E(4)$	1	−1	$E(4)$
χ_{15}	1	$-E(4)$	−1	$E(3)^2$	−1	1	$E(4)$	$-E(12)^{11}$	$E(4)$	$-E(3)^2$	1	$E(3)$	$-E(3)^2$	$E(3)^2$	−1	$E(12)^{11}$	$-E(4)$	$-E(12)^7$	$E(12)^{11}$	$-E(3)$	$E(3)^2$	$-E(3)$	$E(3)$	$-E(3)^2$	$E(12)^7$	$-E(12)^{11}$	$E(12)^7$	$E(3)$	$-E(3)$	$-E(12)^7$
χ_{16}	1	$-E(4)$	−1	$E(3)$	−1	1	$E(4)$	$-E(12)^7$	$E(4)$	$-E(3)$	1	$E(3)^2$	$-E(3)$	$E(3)$	−1	$E(12)^7$	$-E(4)$	$-E(12)^{11}$	$E(12)^7$	$-E(3)^2$	$E(3)$	$-E(3)^2$	$E(3)^2$	$-E(3)$	$E(12)^{11}$	$-E(12)^7$	$E(12)^{11}$	$E(3)^2$	$-E(3)^2$	$-E(12)^{11}$
χ_{17}	1	$E(4)$	−1	$E(3)^2$	−1	1	$-E(4)$	$E(12)^{11}$	$-E(4)$	$-E(3)^2$	1	$E(3)$	$-E(3)^2$	$E(3)^2$	−1	$-E(12)^{11}$	$E(4)$	$E(12)^7$	$-E(12)^{11}$	$-E(3)$	$E(3)^2$	$-E(3)$	$E(3)$	$-E(3)^2$	$-E(12)^7$	$E(12)^{11}$	$-E(12)^7$	$E(3)$	$-E(3)$	$E(12)^7$
χ_{18}	1	$E(4)$	−1	$E(3)$	−1	1	$-E(4)$	$E(12)^7$	$-E(4)$	$-E(3)$	1	$E(3)^2$	$-E(3)$	$E(3)$	−1	$-E(12)^7$	$E(4)$	$E(12)^{11}$	$-E(12)^7$	$-E(3)^2$	$E(3)$	$-E(3)^2$	$E(3)^2$	$-E(3)$	$-E(12)^{11}$	$E(12)^7$	$-E(12)^{11}$	$E(3)^2$	$-E(3)^2$	$E(12)^{11}$
χ_{19}	1	$-E(4)$	1	1	−1	1	$-E(4)$	$-E(4)$	$E(4)$	1	−1	1	−1	1	−1	$-E(4)$	$E(4)$	$-E(4)$	$E(4)$	1	−1	−1	1	−1	$-E(4)$	$E(4)$	$E(4)$	−1	−1	$E(4)$
χ_{20}	1	$E(4)$	1	1	−1	1	$E(4)$	$E(4)$	$-E(4)$	1	−1	1	−1	1	−1	$E(4)$	$-E(4)$	$E(4)$	$-E(4)$	1	−1	−1	1	−1	$E(4)$	$-E(4)$	$-E(4)$	−1	−1	$-E(4)$
χ_{21}	1	$-E(4)$	1	$E(3)^2$	−1	1	$-E(4)$	$-E(12)^{11}$	$E(4)$	$E(3)^2$	−1	$E(3)$	$-E(3)^2$	$E(3)^2$	−1	$-E(12)^{11}$	$E(4)$	$-E(12)^7$	$E(12)^{11}$	$E(3)$	$-E(3)^2$	$-E(3)$	$E(3)$	$-E(3)^2$	$-E(12)^7$	$E(12)^{11}$	$E(12)^7$	$-E(3)$	$-E(3)$	$E(12)^7$
χ_{22}	1	$-E(4)$	1	$E(3)$	−1	1	$-E(4)$	$-E(12)^7$	$E(4)$	$E(3)$	−1	$E(3)^2$	$-E(3)$	$E(3)$	−1	$-E(12)^7$	$E(4)$	$-E(12)^{11}$	$E(12)^7$	$E(3)^2$	$-E(3)$	$-E(3)^2$	$E(3)^2$	$-E(3)$	$-E(12)^{11}$	$E(12)^7$	$E(12)^{11}$	$-E(3)^2$	$-E(3)^2$	$E(12)^{11}$
χ_{23}	1	$E(4)$	1	$E(3)^2$	−1	1	$E(4)$	$E(12)^{11}$	$-E(4)$	$E(3)^2$	−1	$E(3)$	$-E(3)^2$	$E(3)^2$	−1	$E(12)^{11}$	$-E(4)$	$E(12)^7$	$-E(12)^{11}$	$E(3)$	$-E(3)^2$	$-E(3)$	$E(3)$	$-E(3)^2$	$E(12)^7$	$-E(12)^{11}$	$-E(12)^7$	$-E(3)$	$-E(3)$	$-E(12)^7$
χ_{24}	1	$E(4)$	1	$E(3)$	−1	1	$E(4)$	$E(12)^7$	$-E(4)$	$E(3)$	−1	$E(3)^2$	$-E(3)$	$E(3)$	−1	$E(12)^7$	$-E(4)$	$E(12)^{11}$	$-E(12)^7$	$E(3)^2$	$-E(3)$	$-E(3)^2$	$E(3)^2$	$-E(3)$	$E(12)^{11}$	$-E(12)^7$	$-E(12)^{11}$	$-E(3)^2$	$-E(3)^2$	$-E(12)^{11}$
χ_{25}	2	0	0	2	$-2*E(4)$	−2	0	0	0	0	0	2	$-2*E(4)$	−2	$2*E(4)$	0	0	0	0	0	0	$-2*E(4)$	−2	$2*E(4)$	0	0	0	0	$2*E(4)$	0
χ_{26}	2	0	0	2	$2*E(4)$	−2	0	0	0	0	0	2	$2*E(4)$	−2	$-2*E(4)$	0	0	0	0	0	0	$2*E(4)$	−2	$-2*E(4)$	0	0	0	0	$-2*E(4)$	0
χ_{27}	2	0	0	$2*E(3)^2$	$-2*E(4)$	−2	0	0	0	0	0	$2*E(3)$	$-2*E(12)^{11}$	$-2*E(3)^2$	$2*E(4)$	0	0	0	0	0	0	$-2*E(12)^7$	$-2*E(3)$	$2*E(12)^{11}$	0	0	0	0	$2*E(12)^7$	0
χ_{28}	2	0	0	$2*E(3)^2$	$2*E(4)$	−2	0	0	0	0	0	$2*E(3)$	$2*E(12)^{11}$	$-2*E(3)^2$	$-2*E(4)$	0	0	0	0	0	0	$2*E(12)^7$	$-2*E(3)$	$-2*E(12)^{11}$	0	0	0	0	$-2*E(12)^7$	0
χ_{29}	2	0	0	$2*E(3)$	$-2*E(4)$	−2	0	0	0	0	0	$2*E(3)^2$	$-2*E(12)^7$	$-2*E(3)$	$2*E(4)$	0	0	0	0	0	0	$-2*E(12)^{11}$	$-2*E(3)^2$	$2*E(12)^7$	0	0	0	0	$2*E(12)^{11}$	0
χ_{30}	2	0	0	$2*E(3)$	$2*E(4)$	−2	0	0	0	0	0	$2*E(3)^2$	$2*E(12)^7$	$-2*E(3)$	$-2*E(4)$	0	0	0	0	0	0	$2*E(12)^{11}$	$-2*E(3)^2$	$-2*E(12)^7$	0	0	0	0	$-2*E(12)^{11}$	0

Trivial source character table of $G \cong$ C3 x (C8 : C2) at $p = 2$:

Normalisers N_i	N_1			N_2			N_3			N_4			N_5			N_6			N_7			N_8			N_9			N_{10}		
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			P_9			P_{10}		
Representatives $n_j \in N_i$	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b	1a	3a	3b
$1\cdot\chi_{1}+1\cdot\chi_{2}+1\cdot\chi_{3}+1\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+1\cdot\chi_{19}+1\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+2\cdot\chi_{25}+2\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	16	16	16	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
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+1\cdot\chi_{5}+0\cdot\chi_{6}+1\cdot\chi_{7}+0\cdot\chi_{8}+1\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+1\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+1\cdot\chi_{21}+0\cdot\chi_{22}+1\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+2\cdot\chi_{27}+2\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	16	$16*E(3)^2$	$16*E(3)$	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
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+1\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+0\cdot\chi_{17}+1\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+1\cdot\chi_{22}+0\cdot\chi_{23}+1\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+2\cdot\chi_{29}+2\cdot\chi_{30}$	16	$16*E(3)$	$16*E(3)^2$	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
$1\cdot\chi_{1}+1\cdot\chi_{2}+1\cdot\chi_{3}+1\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+1\cdot\chi_{19}+1\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	8	8	8	8	8	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
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+1\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+0\cdot\chi_{17}+1\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+1\cdot\chi_{22}+0\cdot\chi_{23}+1\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	8	$8*E(3)$	$8*E(3)^2$	8	$8*E(3)$	$8*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+1\cdot\chi_{5}+0\cdot\chi_{6}+1\cdot\chi_{7}+0\cdot\chi_{8}+1\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+1\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+1\cdot\chi_{21}+0\cdot\chi_{22}+1\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	8	$8*E(3)^2$	$8*E(3)$	8	$8*E(3)^2$	$8*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_{1}+0\cdot\chi_{2}+1\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+1\cdot\chi_{19}+1\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+1\cdot\chi_{25}+1\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	8	8	8	0	0	0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+1\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+1\cdot\chi_{21}+0\cdot\chi_{22}+1\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+1\cdot\chi_{27}+1\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	8	$8*E(3)^2$	$8*E(3)$	0	0	0	4	$4*E(3)^2$	$4*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+1\cdot\chi_{22}+0\cdot\chi_{23}+1\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+1\cdot\chi_{29}+1\cdot\chi_{30}$	8	$8*E(3)$	$8*E(3)^2$	0	0	0	4	$4*E(3)$	$4*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_{1}+1\cdot\chi_{2}+1\cdot\chi_{3}+1\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	4	4	4	4	4	0	0	0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+1\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	$4*E(3)$	$4*E(3)^2$	4	$4*E(3)$	$4*E(3)^2$	0	0	0	4	$4*E(3)$	$4*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+1\cdot\chi_{5}+0\cdot\chi_{6}+1\cdot\chi_{7}+0\cdot\chi_{8}+1\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	$4*E(3)^2$	$4*E(3)$	4	$4*E(3)^2$	$4*E(3)$	0	0	0	4	$4*E(3)^2$	$4*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_{1}+0\cdot\chi_{2}+1\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+1\cdot\chi_{19}+1\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	4	4	4	4	4	4	4	4	0	0	0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+1\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+1\cdot\chi_{21}+0\cdot\chi_{22}+1\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	$4*E(3)^2$	$4*E(3)$	4	$4*E(3)^2$	$4*E(3)$	4	$4*E(3)^2$	$4*E(3)$	0	0	0	4	$4*E(3)^2$	$4*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+1\cdot\chi_{22}+0\cdot\chi_{23}+1\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	$4*E(3)$	$4*E(3)^2$	4	$4*E(3)$	$4*E(3)^2$	4	$4*E(3)$	$4*E(3)^2$	0	0	0	4	$4*E(3)$	$4*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_{1}+0\cdot\chi_{2}+1\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	4	4	4	4	4	0	0	0	0	0	0	0	0	0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+1\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+1\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	$4*E(3)^2$	$4*E(3)$	4	$4*E(3)^2$	$4*E(3)$	0	0	0	0	0	0	0	0	0	4	$4*E(3)^2$	$4*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+0\cdot\chi_{17}+1\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	4	$4*E(3)$	$4*E(3)^2$	4	$4*E(3)$	$4*E(3)^2$	0	0	0	0	0	0	0	0	0	4	$4*E(3)$	$4*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_{1}+0\cdot\chi_{2}+1\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+1\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+1\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	0	0	0
$1\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+1\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	2	2	2	2	2	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+1\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	0	0	0	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	0	0	0	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	0	0	0	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	0	0	0	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0
$1\cdot\chi_{1}+1\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	2	2	2	2	2	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+1\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	0	0	0	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	2	$2*E(3)^2$	$2*E(3)$	0	0	0
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+1\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	0	0	0	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	2	$2*E(3)$	$2*E(3)^2$	0	0	0
$1\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	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
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}+0\cdot\chi_{19}+0\cdot\chi_{20}+0\cdot\chi_{21}+0\cdot\chi_{22}+0\cdot\chi_{23}+0\cdot\chi_{24}+0\cdot\chi_{25}+0\cdot\chi_{26}+0\cdot\chi_{27}+0\cdot\chi_{28}+0\cdot\chi_{29}+0\cdot\chi_{30}$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48)]) \cong$ C2
$P_3 = Group([(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48)]) \cong$ C2
$P_4 = Group([(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48),(1,5,6,17)(2,9,10,24)(3,12,13,28)(4,15,16,31)(7,19,20,35)(8,22,23,38)(11,26,27,41)(14,29,30,42)(18,33,34,45)(21,36,37,46)(25,39,40,47)(32,43,44,48)]) \cong$ C4
$P_5 = Group([(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48),(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48)]) \cong$ C2 x C2
$P_6 = Group([(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48),(1,12,6,28)(2,19,10,35)(3,5,13,17)(4,26,16,41)(7,9,20,24)(8,33,23,45)(11,15,27,31)(14,39,30,47)(18,22,34,38)(21,43,37,48)(25,29,40,42)(32,36,44,46)]) \cong$ C4
$P_7 = Group([(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48),(1,5,6,17)(2,9,10,24)(3,12,13,28)(4,15,16,31)(7,19,20,35)(8,22,23,38)(11,26,27,41)(14,29,30,42)(18,33,34,45)(21,36,37,46)(25,39,40,47)(32,43,44,48),(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48)]) \cong$ C4 x C2
$P_8 = Group([(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48),(1,5,6,17)(2,9,10,24)(3,12,13,28)(4,15,16,31)(7,19,20,35)(8,22,23,38)(11,26,27,41)(14,29,30,42)(18,33,34,45)(21,36,37,46)(25,39,40,47)(32,43,44,48),(1,2,5,9,6,10,17,24)(3,20,12,35,13,7,28,19)(4,8,15,22,16,23,31,38)(11,34,26,45,27,18,41,33)(14,21,29,36,30,37,42,46)(25,44,39,48,40,32,47,43)]) \cong$ C8
$P_9 = Group([(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48),(1,5,6,17)(2,9,10,24)(3,12,13,28)(4,15,16,31)(7,19,20,35)(8,22,23,38)(11,26,27,41)(14,29,30,42)(18,33,34,45)(21,36,37,46)(25,39,40,47)(32,43,44,48),(1,20,17,19,6,7,5,35)(2,28,24,13,10,12,9,3)(4,34,31,33,16,18,15,45)(8,41,38,27,23,26,22,11)(14,44,42,43,30,32,29,48)(21,47,46,40,37,39,36,25)]) \cong$ C8
$P_{10} = Group([(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48),(1,5,6,17)(2,9,10,24)(3,12,13,28)(4,15,16,31)(7,19,20,35)(8,22,23,38)(11,26,27,41)(14,29,30,42)(18,33,34,45)(21,36,37,46)(25,39,40,47)(32,43,44,48),(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48),(1,2,5,9,6,10,17,24)(3,20,12,35,13,7,28,19)(4,8,15,22,16,23,31,38)(11,34,26,45,27,18,41,33)(14,21,29,36,30,37,42,46)(25,44,39,48,40,32,47,43)]) \cong$ C8 : C2

$N_1 = Group([(1,2,5,9,6,10,17,24)(3,20,12,35,13,7,28,19)(4,8,15,22,16,23,31,38)(11,34,26,45,27,18,41,33)(14,21,29,36,30,37,42,46)(25,44,39,48,40,32,47,43),(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48),(1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48),(1,5,6,17)(2,9,10,24)(3,12,13,28)(4,15,16,31)(7,19,20,35)(8,22,23,38)(11,26,27,41)(14,29,30,42)(18,33,34,45)(21,36,37,46)(25,39,40,47)(32,43,44,48),(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48)]) \cong$ C3 x (C8 : C2)
$N_2 = Group([(1,2,5,9,6,10,17,24)(3,20,12,35,13,7,28,19)(4,8,15,22,16,23,31,38)(11,34,26,45,27,18,41,33)(14,21,29,36,30,37,42,46)(25,44,39,48,40,32,47,43),(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48),(1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48),(1,5,6,17)(2,9,10,24)(3,12,13,28)(4,15,16,31)(7,19,20,35)(8,22,23,38)(11,26,27,41)(14,29,30,42)(18,33,34,45)(21,36,37,46)(25,39,40,47)(32,43,44,48),(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48)]) \cong$ C3 x (C8 : C2)
$N_3 = Group([(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48),(1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48),(1,5,6,17)(2,9,10,24)(3,12,13,28)(4,15,16,31)(7,19,20,35)(8,22,23,38)(11,26,27,41)(14,29,30,42)(18,33,34,45)(21,36,37,46)(25,39,40,47)(32,43,44,48),(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48)]) \cong$ C12 x C2
$N_4 = Group([(1,5,6,17)(2,9,10,24)(3,12,13,28)(4,15,16,31)(7,19,20,35)(8,22,23,38)(11,26,27,41)(14,29,30,42)(18,33,34,45)(21,36,37,46)(25,39,40,47)(32,43,44,48),(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48),(1,2,5,9,6,10,17,24)(3,20,12,35,13,7,28,19)(4,8,15,22,16,23,31,38)(11,34,26,45,27,18,41,33)(14,21,29,36,30,37,42,46)(25,44,39,48,40,32,47,43),(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48),(1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48)]) \cong$ C3 x (C8 : C2)
$N_5 = Group([(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48),(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48),(1,2,5,9,6,10,17,24)(3,20,12,35,13,7,28,19)(4,8,15,22,16,23,31,38)(11,34,26,45,27,18,41,33)(14,21,29,36,30,37,42,46)(25,44,39,48,40,32,47,43),(1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48)]) \cong$ C3 x (C8 : C2)
$N_6 = Group([(1,12,6,28)(2,19,10,35)(3,5,13,17)(4,26,16,41)(7,9,20,24)(8,33,23,45)(11,15,27,31)(14,39,30,47)(18,22,34,38)(21,43,37,48)(25,29,40,42)(32,36,44,46),(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48),(1,2,5,9,6,10,17,24)(3,20,12,35,13,7,28,19)(4,8,15,22,16,23,31,38)(11,34,26,45,27,18,41,33)(14,21,29,36,30,37,42,46)(25,44,39,48,40,32,47,43),(1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48)]) \cong$ C3 x (C8 : C2)
$N_7 = Group([(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48),(1,5,6,17)(2,9,10,24)(3,12,13,28)(4,15,16,31)(7,19,20,35)(8,22,23,38)(11,26,27,41)(14,29,30,42)(18,33,34,45)(21,36,37,46)(25,39,40,47)(32,43,44,48),(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48),(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48),(1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48)]) \cong$ C3 x (C8 : C2)
$N_8 = Group([(1,2,5,9,6,10,17,24)(3,20,12,35,13,7,28,19)(4,8,15,22,16,23,31,38)(11,34,26,45,27,18,41,33)(14,21,29,36,30,37,42,46)(25,44,39,48,40,32,47,43),(1,5,6,17)(2,9,10,24)(3,12,13,28)(4,15,16,31)(7,19,20,35)(8,22,23,38)(11,26,27,41)(14,29,30,42)(18,33,34,45)(21,36,37,46)(25,39,40,47)(32,43,44,48),(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48),(1,2,5,9,6,10,17,24)(3,20,12,35,13,7,28,19)(4,8,15,22,16,23,31,38)(11,34,26,45,27,18,41,33)(14,21,29,36,30,37,42,46)(25,44,39,48,40,32,47,43),(1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48)]) \cong$ C3 x (C8 : C2)
$N_9 = Group([(1,20,17,19,6,7,5,35)(2,28,24,13,10,12,9,3)(4,34,31,33,16,18,15,45)(8,41,38,27,23,26,22,11)(14,44,42,43,30,32,29,48)(21,47,46,40,37,39,36,25),(1,5,6,17)(2,9,10,24)(3,12,13,28)(4,15,16,31)(7,19,20,35)(8,22,23,38)(11,26,27,41)(14,29,30,42)(18,33,34,45)(21,36,37,46)(25,39,40,47)(32,43,44,48),(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48),(1,2,5,9,6,10,17,24)(3,20,12,35,13,7,28,19)(4,8,15,22,16,23,31,38)(11,34,26,45,27,18,41,33)(14,21,29,36,30,37,42,46)(25,44,39,48,40,32,47,43),(1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48)]) \cong$ C3 x (C8 : C2)
$N_{10} = Group([(1,2,5,9,6,10,17,24)(3,20,12,35,13,7,28,19)(4,8,15,22,16,23,31,38)(11,34,26,45,27,18,41,33)(14,21,29,36,30,37,42,46)(25,44,39,48,40,32,47,43),(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48),(1,5,6,17)(2,9,10,24)(3,12,13,28)(4,15,16,31)(7,19,20,35)(8,22,23,38)(11,26,27,41)(14,29,30,42)(18,33,34,45)(21,36,37,46)(25,39,40,47)(32,43,44,48),(1,6)(2,10)(3,13)(4,16)(5,17)(7,20)(8,23)(9,24)(11,27)(12,28)(14,30)(15,31)(18,34)(19,35)(21,37)(22,38)(25,40)(26,41)(29,42)(32,44)(33,45)(36,46)(39,47)(43,48),(1,4,14)(2,8,21)(3,11,25)(5,15,29)(6,16,30)(7,18,32)(9,22,36)(10,23,37)(12,26,39)(13,27,40)(17,31,42)(19,33,43)(20,34,44)(24,38,46)(28,41,47)(35,45,48)]) \cong$ C3 x (C8 : C2)