The group G is isomorphic to the group labelled by [48, 38] in the Small Groups library.
Ordinary character table of $G \cong$ D8 x S3:

	1a	3a	2a	2b	6a	2c	4a	12a	4b	2d	6b	2e	2f	6c	2g
χ_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
χ_3	2	−1	0	2	−1	0	2	−1	0	2	−1	0	2	−1	0
χ_4	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
χ_6	2	−1	0	2	−1	0	2	−1	0	−2	1	0	−2	1	0
χ_7	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
χ_9	2	−1	0	2	−1	0	−2	1	0	2	−1	0	−2	1	0
χ_{10}	1	1	1	1	1	1	−1	−1	−1	−1	−1	−1	1	1	1
χ_{11}	1	1	−1	1	1	−1	−1	−1	1	−1	−1	1	1	1	−1
χ_{12}	2	−1	0	2	−1	0	−2	1	0	−2	1	0	2	−1	0
χ_{13}	2	2	2	−2	−2	−2	0	0	0	0	0	0	0	0	0
χ_{14}	2	2	−2	−2	−2	2	0	0	0	0	0	0	0	0	0
χ_{15}	4	−2	0	−4	2	0	0	0	0	0	0	0	0	0	0

Trivial source character table of $G \cong$ D8 x S3 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}	N_{11}	N_{12}	N_{13}	N_{14}	N_{15}	N_{16}	N_{17}		N_{18}		N_{19}		N_{20}	N_{21}	N_{22}		N_{23}	N_{24}	N_{25}	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		P_9	P_{10}	P_{11}	P_{12}	P_{13}	P_{14}	P_{15}	P_{16}	P_{17}		P_{18}		P_{19}		P_{20}	P_{21}	P_{22}		P_{23}	P_{24}	P_{25}	P_{26}	P_{27}
Representatives $n_j \in N_i$	1a	3a	1a	3a	1a	1a	1a	1a	1a	3a	1a	3a	1a	1a	1a	1a	1a	1a	1a	1a	1a	3a	1a	3a	1a	3a	1a	1a	1a	3a	1a	1a	1a	1a	1a
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+2\cdot\chi_{13}+2\cdot\chi_{14}+0\cdot\chi_{15}$	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	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+2\cdot\chi_{15}$	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
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	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	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	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
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}$	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	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}$	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	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+2\cdot\chi_{14}+0\cdot\chi_{15}$	8	8	0	0	0	0	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
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+2\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	8	8	0	0	0	0	0	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
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}$	8	8	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	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}$	8	−4	0	0	0	0	0	0	4	−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
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}$	8	8	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	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}$	8	−4	0	0	0	0	0	0	0	0	4	−2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	4	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	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	4	4	0	0	2	0	0	4	0	0	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}$	4	4	0	0	2	0	4	0	0	0	2	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	4	4	0	0	0	2	0	4	2	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}$	4	4	0	0	0	2	4	0	2	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	4	4	4	4	0	4	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	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	4	4	4	4	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	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	4	4	4	4	0	0	4	4	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	0	0
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	4	4	4	4	0	0	0	0	4	4	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
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	4	−2	4	−2	0	0	0	0	4	−2	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
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	4	4	4	4	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	4	−2	4	−2	0	0	0	0	0	0	4	−2	0	0	0	0	0	0	0	0	0	0	4	−2	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	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	4	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	4	−2	4	−2	0	0	0	0	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
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	2	2	2	2	2	2	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	2	2	2	2	0	2	0	0	0	0	2	2	0	0	0	0	0	2	2	0	0	0	2	2	0	0	0	2	0	0	0	0	0	0	0
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	2	2	2	2	0	0	0	0	2	2	2	2	0	0	0	0	0	0	0	0	2	2	2	2	2	2	0	0	2	2	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	2	−1	2	−1	0	0	0	0	2	−1	2	−1	0	0	0	0	0	0	0	0	2	−1	2	−1	2	−1	0	0	2	−1	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	2	2	2	2	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	2	2	0	0	0	0	2	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	2	2	2	2	0	2	2	2	2	2	0	0	0	0	0	2	2	2	0	2	2	2	0	0	0	0	0	0	0	0	0	2	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	2	2	2	2	2	0	2	2	0	0	2	2	2	2	2	0	0	0	0	2	0	0	2	2	0	0	0	0	0	0	0	0	2	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	2	2	2	2	2	0	0	0	2	2	0	0	2	0	0	0	0	0	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}$	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
$P_4 = Group([(1,8)(2,4)(3,18)(5,21)(6,37)(7,11)(9,14)(10,30)(12,32)(13,44)(15,24)(16,46)(17,22)(19,25)(20,40)(23,42)(26,35)(27,48)(28,33)(29,38)(31,36)(34,47)(39,45)(41,43)]) \cong$ C2
$P_5 = Group([(1,9)(2,5)(3,19)(4,21)(6,38)(7,12)(8,14)(10,31)(11,32)(13,45)(15,46)(16,24)(17,23)(18,25)(20,41)(22,42)(26,48)(27,35)(28,34)(29,37)(30,36)(33,47)(39,44)(40,43)]) \cong$ C2
$P_6 = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47)]) \cong$ C2
$P_7 = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48)]) \cong$ C2
$P_8 = Group([(1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46)]) \cong$ C2
$P_9 = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,7)(2,3)(4,32)(5,19)(6,35)(8,25)(9,12)(10,28)(11,21)(13,24)(14,18)(15,48)(16,45)(17,20)(22,47)(23,41)(26,46)(27,38)(29,44)(30,43)(31,34)(33,42)(36,40)(37,39)]) \cong$ C2 x C2
$P_{10} = Group([(1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47)]) \cong$ C2 x C2
$P_{11} = Group([(1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,9)(2,5)(3,19)(4,21)(6,38)(7,12)(8,14)(10,31)(11,32)(13,45)(15,46)(16,24)(17,23)(18,25)(20,41)(22,42)(26,48)(27,35)(28,34)(29,37)(30,36)(33,47)(39,44)(40,43)]) \cong$ C2 x C2
$P_{12} = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47)]) \cong$ C2 x C2
$P_{13} = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,9)(2,5)(3,19)(4,21)(6,38)(7,12)(8,14)(10,31)(11,32)(13,45)(15,46)(16,24)(17,23)(18,25)(20,41)(22,42)(26,48)(27,35)(28,34)(29,37)(30,36)(33,47)(39,44)(40,43)]) \cong$ C2 x C2
$P_{14} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,8)(2,4)(3,18)(5,21)(6,37)(7,11)(9,14)(10,30)(12,32)(13,44)(15,24)(16,46)(17,22)(19,25)(20,40)(23,42)(26,35)(27,48)(28,33)(29,38)(31,36)(34,47)(39,45)(41,43)]) \cong$ C2 x C2
$P_{15} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,32,5,18)(2,25,9,11)(3,21,12,8)(4,7,14,19)(6,48,16,44)(10,47,23,40)(13,46,27,37)(15,35,29,45)(17,43,31,33)(20,42,34,30)(22,28,36,41)(24,39,38,26)]) \cong$ C4
$P_{16} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47)]) \cong$ C2 x C2
$P_{17} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48)]) \cong$ C2 x C2
$P_{18} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46)]) \cong$ C2 x C2
$P_{19} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,25,5,11)(2,32,9,18)(3,14,12,4)(6,39,16,26)(7,21,19,8)(10,43,23,33)(13,29,27,15)(17,47,31,40)(20,36,34,22)(24,48,38,44)(28,42,41,30)(35,46,45,37)]) \cong$ C4
$P_{20} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,25,5,11)(2,32,9,18)(3,14,12,4)(6,39,16,26)(7,21,19,8)(10,43,23,33)(13,29,27,15)(17,47,31,40)(20,36,34,22)(24,48,38,44)(28,42,41,30)(35,46,45,37), (1,8)(2,4)(3,18)(5,21)(6,37)(7,11)(9,14)(10,30)(12,32)(13,44)(15,24)(16,46)(17,22)(19,25)(20,40)(23,42)(26,35)(27,48)(28,33)(29,38)(31,36)(34,47)(39,45)(41,43)]) \cong$ D8
$P_{21} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,8)(2,4)(3,18)(5,21)(6,37)(7,11)(9,14)(10,30)(12,32)(13,44)(15,24)(16,46)(17,22)(19,25)(20,40)(23,42)(26,35)(27,48)(28,33)(29,38)(31,36)(34,47)(39,45)(41,43)]) \cong$ D8
$P_{22} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46)]) \cong$ D8
$P_{23} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,25,5,11)(2,32,9,18)(3,14,12,4)(6,39,16,26)(7,21,19,8)(10,43,23,33)(13,29,27,15)(17,47,31,40)(20,36,34,22)(24,48,38,44)(28,42,41,30)(35,46,45,37), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47)]) \cong$ C4 x C2
$P_{24} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47)]) \cong$ C2 x C2 x C2
$P_{25} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47)]) \cong$ C2 x C2 x C2
$P_{26} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,7)(2,3)(4,32)(5,19)(6,35)(8,25)(9,12)(10,28)(11,21)(13,24)(14,18)(15,48)(16,45)(17,20)(22,47)(23,41)(26,46)(27,38)(29,44)(30,43)(31,34)(33,42)(36,40)(37,39)]) \cong$ D8
$P_{27} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47)]) \cong$ C2 x D8

$N_1 = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,6,17)(2,10,24)(3,13,28)(4,15,30)(5,16,31)(7,20,35)(8,22,37)(9,23,38)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(25,39,47)(32,43,48)]) \cong$ D8 x S3
$N_2 = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,6,17)(2,10,24)(3,13,28)(4,15,30)(5,16,31)(7,20,35)(8,22,37)(9,23,38)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(25,39,47)(32,43,48)]) \cong$ D8 x S3
$N_3 = Group([(1,7)(2,3)(4,32)(5,19)(6,35)(8,25)(9,12)(10,28)(11,21)(13,24)(14,18)(15,48)(16,45)(17,20)(22,47)(23,41)(26,46)(27,38)(29,44)(30,43)(31,34)(33,42)(36,40)(37,39), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,12)(2,19)(3,5)(4,11)(6,27)(7,9)(8,18)(10,34)(13,16)(14,25)(15,26)(17,41)(20,23)(21,32)(22,33)(24,45)(28,31)(29,39)(30,40)(35,38)(36,43)(37,44)(42,47)(46,48)]) \cong$ C2 x C2 x C2
$N_4 = Group([(1,8)(2,4)(3,18)(5,21)(6,37)(7,11)(9,14)(10,30)(12,32)(13,44)(15,24)(16,46)(17,22)(19,25)(20,40)(23,42)(26,35)(27,48)(28,33)(29,38)(31,36)(34,47)(39,45)(41,43), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48)]) \cong$ C2 x C2 x C2
$N_5 = Group([(1,9)(2,5)(3,19)(4,21)(6,38)(7,12)(8,14)(10,31)(11,32)(13,45)(15,46)(16,24)(17,23)(18,25)(20,41)(22,42)(26,48)(27,35)(28,34)(29,37)(30,36)(33,47)(39,44)(40,43), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,12)(2,19)(3,5)(4,11)(6,27)(7,9)(8,18)(10,34)(13,16)(14,25)(15,26)(17,41)(20,23)(21,32)(22,33)(24,45)(28,31)(29,39)(30,40)(35,38)(36,43)(37,44)(42,47)(46,48)]) \cong$ C2 x D8
$N_6 = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,12)(2,19)(3,5)(4,11)(6,27)(7,9)(8,18)(10,34)(13,16)(14,25)(15,26)(17,41)(20,23)(21,32)(22,33)(24,45)(28,31)(29,39)(30,40)(35,38)(36,43)(37,44)(42,47)(46,48)]) \cong$ C2 x D8
$N_7 = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,17,6)(2,24,10)(3,28,13)(4,30,15)(5,31,16)(7,35,20)(8,37,22)(9,38,23)(11,40,26)(12,41,27)(14,42,29)(18,44,33)(19,45,34)(21,46,36)(25,47,39)(32,48,43), (1,31,6,5,17,16)(2,38,10,9,24,23)(3,41,13,12,28,27)(4,42,15,14,30,29)(7,45,20,19,35,34)(8,46,22,21,37,36)(11,47,26,25,40,39)(18,48,33,32,44,43)]) \cong$ C2 x C2 x S3
$N_8 = Group([(1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,12)(2,19)(3,5)(4,11)(6,27)(7,9)(8,18)(10,34)(13,16)(14,25)(15,26)(17,41)(20,23)(21,32)(22,33)(24,45)(28,31)(29,39)(30,40)(35,38)(36,43)(37,44)(42,47)(46,48), (1,17,6)(2,24,10)(3,28,13)(4,30,15)(5,31,16)(7,35,20)(8,37,22)(9,38,23)(11,40,26)(12,41,27)(14,42,29)(18,44,33)(19,45,34)(21,46,36)(25,47,39)(32,48,43)]) \cong$ C2 x C2 x S3
$N_9 = Group([(1,7)(2,3)(4,32)(5,19)(6,35)(8,25)(9,12)(10,28)(11,21)(13,24)(14,18)(15,48)(16,45)(17,20)(22,47)(23,41)(26,46)(27,38)(29,44)(30,43)(31,34)(33,42)(36,40)(37,39), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48)]) \cong$ C2 x D8
$N_{10} = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48)]) \cong$ C2 x C2 x C2
$N_{11} = Group([(1,9)(2,5)(3,19)(4,21)(6,38)(7,12)(8,14)(10,31)(11,32)(13,45)(15,46)(16,24)(17,23)(18,25)(20,41)(22,42)(26,48)(27,35)(28,34)(29,37)(30,36)(33,47)(39,44)(40,43), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47)]) \cong$ C2 x C2 x C2
$N_{12} = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48)]) \cong$ C2 x C2 x C2
$N_{13} = Group([(1,9)(2,5)(3,19)(4,21)(6,38)(7,12)(8,14)(10,31)(11,32)(13,45)(15,46)(16,24)(17,23)(18,25)(20,41)(22,42)(26,48)(27,35)(28,34)(29,37)(30,36)(33,47)(39,44)(40,43), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47)]) \cong$ C2 x C2 x C2
$N_{14} = Group([(1,8)(2,4)(3,18)(5,21)(6,37)(7,11)(9,14)(10,30)(12,32)(13,44)(15,24)(16,46)(17,22)(19,25)(20,40)(23,42)(26,35)(27,48)(28,33)(29,38)(31,36)(34,47)(39,45)(41,43), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46)]) \cong$ C2 x D8
$N_{15} = Group([(1,32,5,18)(2,25,9,11)(3,21,12,8)(4,7,14,19)(6,48,16,44)(10,47,23,40)(13,46,27,37)(15,35,29,45)(17,43,31,33)(20,42,34,30)(22,28,36,41)(24,39,38,26), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46)]) \cong$ C2 x D8
$N_{16} = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48)]) \cong$ C2 x D8
$N_{17} = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,6,17)(2,10,24)(3,13,28)(4,15,30)(5,16,31)(7,20,35)(8,22,37)(9,23,38)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(25,39,47)(32,43,48)]) \cong$ D8 x S3
$N_{18} = Group([(1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,6,17)(2,10,24)(3,13,28)(4,15,30)(5,16,31)(7,20,35)(8,22,37)(9,23,38)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(25,39,47)(32,43,48)]) \cong$ D8 x S3
$N_{19} = Group([(1,25,5,11)(2,32,9,18)(3,14,12,4)(6,39,16,26)(7,21,19,8)(10,43,23,33)(13,29,27,15)(17,47,31,40)(20,36,34,22)(24,48,38,44)(28,42,41,30)(35,46,45,37), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,6,17)(2,10,24)(3,13,28)(4,15,30)(5,16,31)(7,20,35)(8,22,37)(9,23,38)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(25,39,47)(32,43,48)]) \cong$ D8 x S3
$N_{20} = Group([(1,8)(2,4)(3,18)(5,21)(6,37)(7,11)(9,14)(10,30)(12,32)(13,44)(15,24)(16,46)(17,22)(19,25)(20,40)(23,42)(26,35)(27,48)(28,33)(29,38)(31,36)(34,47)(39,45)(41,43), (1,25,5,11)(2,32,9,18)(3,14,12,4)(6,39,16,26)(7,21,19,8)(10,43,23,33)(13,29,27,15)(17,47,31,40)(20,36,34,22)(24,48,38,44)(28,42,41,30)(35,46,45,37), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47)]) \cong$ C2 x D8
$N_{21} = Group([(1,8)(2,4)(3,18)(5,21)(6,37)(7,11)(9,14)(10,30)(12,32)(13,44)(15,24)(16,46)(17,22)(19,25)(20,40)(23,42)(26,35)(27,48)(28,33)(29,38)(31,36)(34,47)(39,45)(41,43), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47)]) \cong$ C2 x D8
$N_{22} = Group([(1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,6,17)(2,10,24)(3,13,28)(4,15,30)(5,16,31)(7,20,35)(8,22,37)(9,23,38)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(25,39,47)(32,43,48)]) \cong$ D8 x S3
$N_{23} = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,25,5,11)(2,32,9,18)(3,14,12,4)(6,39,16,26)(7,21,19,8)(10,43,23,33)(13,29,27,15)(17,47,31,40)(20,36,34,22)(24,48,38,44)(28,42,41,30)(35,46,45,37), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46)]) \cong$ C2 x D8
$N_{24} = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46)]) \cong$ C2 x D8
$N_{25} = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48)]) \cong$ C2 x D8
$N_{26} = Group([(1,7)(2,3)(4,32)(5,19)(6,35)(8,25)(9,12)(10,28)(11,21)(13,24)(14,18)(15,48)(16,45)(17,20)(22,47)(23,41)(26,46)(27,38)(29,44)(30,43)(31,34)(33,42)(36,40)(37,39), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47)]) \cong$ C2 x D8
$N_{27} = Group([(1,2)(3,7)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,41)(36,42)(39,48)(43,47), (1,3)(2,7)(4,25)(5,12)(6,13)(8,32)(9,19)(10,20)(11,14)(15,39)(16,27)(17,28)(18,21)(22,43)(23,34)(24,35)(26,29)(30,47)(31,41)(33,36)(37,48)(38,45)(40,42)(44,46), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48)]) \cong$ C2 x D8