The group G is isomorphic to the group labelled by [48, 19] in the Small Groups library.
Ordinary character table of $G \cong$ (C6 x C2) : C4:

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

Trivial source character table of $G \cong$ (C6 x C2) : C4 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}
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}
Representatives $n_j \in N_i$	$1a$	$3a$	$1a$	$3a$	$1a$	$3a$	$1a$	$3a$	$1a$	$3b$	$3a$	$1a$	$3b$	$3a$	$1a$	$3a$	$1a$	$3a$	$3b$	$1a$	$3a$	$1a$	$3a$	$1a$	$3a$	$3b$	$1a$	$1a$	$1a$	$3a$	$1a$	$1a$	$1a$
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+2\cdot\chi_{13}+2\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	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
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+1\cdot\chi_{16}+1\cdot\chi_{17}+1\cdot\chi_{18}$	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
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+2\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	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
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+1\cdot\chi_{17}+1\cdot\chi_{18}$	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
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	8	8	0	0	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
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	8	−4	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
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+2\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	8	8	0	0	0	0	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
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+1\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	8	−4	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
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	8	8	0	0	0	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
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+0\cdot\chi_{17}+1\cdot\chi_{18}$	8	−4	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	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+1\cdot\chi_{17}+0\cdot\chi_{18}$	8	−4	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	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	8	8	0	0	0	0	0	0	0	0	0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+1\cdot\chi_{18}$	8	−4	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	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+1\cdot\chi_{17}+0\cdot\chi_{18}$	8	−4	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	0	0	0	0	0	0	0
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	4	4	4	4	4	4	4	4	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
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	4	−2	4	−2	4	−2	4	−2	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
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	4	4	4	4	0	0	0	0	2	2	2	2	2	2	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+1\cdot\chi_{17}+0\cdot\chi_{18}$	4	−2	4	−2	0	0	0	0	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	0	0	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+1\cdot\chi_{18}$	4	−2	4	−2	0	0	0	0	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	0	0	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	4	4	0	0	4	4	0	0	4	4	4	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	4	−2	0	0	4	−2	0	0	4	−2	−2	0	0	0	0	0	0	0	0	4	−2	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	4	4	0	0	4	4	0	0	0	0	0	4	4	4	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	4	−2	0	0	4	−2	0	0	0	0	0	4	−2	−2	0	0	0	0	0	0	0	4	−2	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	4	4	0	0	0	0	4	4	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	4	−2	0	0	0	0	4	−2	2	$2*E(3)$	$2*E(3)^2$	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
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	4	−2	0	0	0	0	4	−2	2	$2*E(3)^2$	$2*E(3)$	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	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	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	4	4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	2	2	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$	2	−1	2	−1	2	−1	2	−1	2	−1	−1	2	−1	−1	2	−1	2	−1	−1	2	−1	2	−1	2	−1	−1	0	0	2	−1	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	2	2	2	2	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	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	2	2	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	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

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

$N_1 = Group([(1,2,4,8)(3,19,11,32)(5,9,14,21)(6,24,15,37)(7,25,18,12)(10,30,22,17)(13,45,26,48)(16,38,29,46)(20,47,33,41)(23,42,36,31)(27,35,39,44)(28,34,40,43), (1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,6,17)(2,10,24)(3,13,28)(4,15,30)(5,16,31)(7,20,35)(8,22,37)(9,23,38)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(25,39,47)(32,43,48)]) \cong$ (C6 x C2) : C4
$N_2 = Group([(1,2,4,8)(3,19,11,32)(5,9,14,21)(6,24,15,37)(7,25,18,12)(10,30,22,17)(13,45,26,48)(16,38,29,46)(20,47,33,41)(23,42,36,31)(27,35,39,44)(28,34,40,43), (1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,6,17)(2,10,24)(3,13,28)(4,15,30)(5,16,31)(7,20,35)(8,22,37)(9,23,38)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(25,39,47)(32,43,48)]) \cong$ (C6 x C2) : C4
$N_3 = Group([(1,2,4,8)(3,19,11,32)(5,9,14,21)(6,24,15,37)(7,25,18,12)(10,30,22,17)(13,45,26,48)(16,38,29,46)(20,47,33,41)(23,42,36,31)(27,35,39,44)(28,34,40,43), (1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,6,17)(2,10,24)(3,13,28)(4,15,30)(5,16,31)(7,20,35)(8,22,37)(9,23,38)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(25,39,47)(32,43,48)]) \cong$ (C6 x C2) : C4
$N_4 = Group([(1,2,4,8)(3,19,11,32)(5,9,14,21)(6,24,15,37)(7,25,18,12)(10,30,22,17)(13,45,26,48)(16,38,29,46)(20,47,33,41)(23,42,36,31)(27,35,39,44)(28,34,40,43), (1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,6,17)(2,10,24)(3,13,28)(4,15,30)(5,16,31)(7,20,35)(8,22,37)(9,23,38)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(25,39,47)(32,43,48)]) \cong$ (C6 x C2) : C4
$N_5 = Group([(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,17,6)(2,24,10)(3,28,13)(4,30,15)(5,31,16)(7,35,20)(8,37,22)(9,38,23)(11,40,26)(12,41,27)(14,42,29)(18,44,33)(19,45,34)(21,46,36)(25,47,39)(32,48,43), (1,42,6,14,17,29)(2,46,10,21,24,36)(3,47,13,25,28,39)(4,31,15,5,30,16)(7,48,20,32,35,43)(8,38,22,9,37,23)(11,41,26,12,40,27)(18,45,33,19,44,34)]) \cong$ C6 x C2 x C2
$N_6 = Group([(1,11)(2,18)(3,4)(5,25)(6,26)(7,8)(9,32)(10,33)(12,14)(13,15)(16,39)(17,40)(19,21)(20,22)(23,43)(24,44)(27,29)(28,30)(31,47)(34,36)(35,37)(38,48)(41,42)(45,46), (1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,17,6)(2,24,10)(3,28,13)(4,30,15)(5,31,16)(7,35,20)(8,37,22)(9,38,23)(11,40,26)(12,41,27)(14,42,29)(18,44,33)(19,45,34)(21,46,36)(25,47,39)(32,48,43), (1,41,6,12,17,27)(2,45,10,19,24,34)(3,31,13,5,28,16)(4,47,15,25,30,39)(7,38,20,9,35,23)(8,48,22,32,37,43)(11,42,26,14,40,29)(18,46,33,21,44,36)]) \cong$ C6 x C2 x C2
$N_7 = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2,4,8)(3,19,11,32)(5,9,14,21)(6,24,15,37)(7,25,18,12)(10,30,22,17)(13,45,26,48)(16,38,29,46)(20,47,33,41)(23,42,36,31)(27,35,39,44)(28,34,40,43), (1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,6,17)(2,10,24)(3,13,28)(4,15,30)(5,16,31)(7,20,35)(8,22,37)(9,23,38)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(25,39,47)(32,43,48)]) \cong$ (C6 x C2) : C4
$N_8 = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,6,17)(2,10,24)(3,13,28)(4,15,30)(5,16,31)(7,20,35)(8,22,37)(9,23,38)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(25,39,47)(32,43,48)]) \cong$ C6 x C2 x C2
$N_9 = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,2,4,8)(3,19,11,32)(5,9,14,21)(6,24,15,37)(7,25,18,12)(10,30,22,17)(13,45,26,48)(16,38,29,46)(20,47,33,41)(23,42,36,31)(27,35,39,44)(28,34,40,43), (1,6,17)(2,10,24)(3,13,28)(4,15,30)(5,16,31)(7,20,35)(8,22,37)(9,23,38)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(25,39,47)(32,43,48)]) \cong$ (C6 x C2) : C4
$N_{10} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,11)(2,18)(3,4)(5,25)(6,26)(7,8)(9,32)(10,33)(12,14)(13,15)(16,39)(17,40)(19,21)(20,22)(23,43)(24,44)(27,29)(28,30)(31,47)(34,36)(35,37)(38,48)(41,42)(45,46), (1,2,4,8)(3,19,11,32)(5,9,14,21)(6,24,15,37)(7,25,18,12)(10,30,22,17)(13,45,26,48)(16,38,29,46)(20,47,33,41)(23,42,36,31)(27,35,39,44)(28,34,40,43), (1,6,17)(2,10,24)(3,13,28)(4,15,30)(5,16,31)(7,20,35)(8,22,37)(9,23,38)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(25,39,47)(32,43,48)]) \cong$ (C6 x C2) : C4
$N_{11} = Group([(1,14)(2,21)(3,25)(4,5)(6,29)(7,32)(8,9)(10,36)(11,12)(13,39)(15,16)(17,42)(18,19)(20,43)(22,23)(24,46)(26,27)(28,47)(30,31)(33,34)(35,48)(37,38)(40,41)(44,45), (1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,6,17)(2,10,24)(3,13,28)(4,15,30)(5,16,31)(7,20,35)(8,22,37)(9,23,38)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(25,39,47)(32,43,48)]) \cong$ C6 x C2 x C2
$N_{12} = Group([(1,2,4,8)(3,19,11,32)(5,9,14,21)(6,24,15,37)(7,25,18,12)(10,30,22,17)(13,45,26,48)(16,38,29,46)(20,47,33,41)(23,42,36,31)(27,35,39,44)(28,34,40,43), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48)]) \cong$ C4 x C2
$N_{13} = Group([(1,19,14,18)(2,25,21,3)(4,32,5,7)(6,45,29,44)(8,12,9,11)(10,47,36,28)(13,24,39,46)(15,48,16,35)(17,34,42,33)(20,30,43,31)(22,41,23,40)(26,37,27,38), (1,14)(2,21)(3,25)(4,5)(6,29)(7,32)(8,9)(10,36)(11,12)(13,39)(15,16)(17,42)(18,19)(20,43)(22,23)(24,46)(26,27)(28,47)(30,31)(33,34)(35,48)(37,38)(40,41)(44,45), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48)]) \cong$ C4 x C2
$N_{14} = Group([(1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2,4,8)(3,19,11,32)(5,9,14,21)(6,24,15,37)(7,25,18,12)(10,30,22,17)(13,45,26,48)(16,38,29,46)(20,47,33,41)(23,42,36,31)(27,35,39,44)(28,34,40,43), (1,6,17)(2,10,24)(3,13,28)(4,15,30)(5,16,31)(7,20,35)(8,22,37)(9,23,38)(11,26,40)(12,27,41)(14,29,42)(18,33,44)(19,34,45)(21,36,46)(25,39,47)(32,43,48)]) \cong$ (C6 x C2) : C4
$N_{15} = Group([(1,2,4,8)(3,19,11,32)(5,9,14,21)(6,24,15,37)(7,25,18,12)(10,30,22,17)(13,45,26,48)(16,38,29,46)(20,47,33,41)(23,42,36,31)(27,35,39,44)(28,34,40,43), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48)]) \cong$ (C4 x C2) : C2
$N_{16} = Group([(1,19,14,18)(2,25,21,3)(4,32,5,7)(6,45,29,44)(8,12,9,11)(10,47,36,28)(13,24,39,46)(15,48,16,35)(17,34,42,33)(20,30,43,31)(22,41,23,40)(26,37,27,38), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2,4,8)(3,19,11,32)(5,9,14,21)(6,24,15,37)(7,25,18,12)(10,30,22,17)(13,45,26,48)(16,38,29,46)(20,47,33,41)(23,42,36,31)(27,35,39,44)(28,34,40,43)]) \cong$ (C4 x C2) : C2
$N_{17} = Group([(1,2,4,8)(3,19,11,32)(5,9,14,21)(6,24,15,37)(7,25,18,12)(10,30,22,17)(13,45,26,48)(16,38,29,46)(20,47,33,41)(23,42,36,31)(27,35,39,44)(28,34,40,43), (1,3)(2,7)(4,11)(5,12)(6,13)(8,18)(9,19)(10,20)(14,25)(15,26)(16,27)(17,28)(21,32)(22,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48)]) \cong$ (C4 x C2) : C2