The group $G$ is isomorphic to the group labelled by [ 32, 43 ] in the Small Groups library.
Ordinary character table of $G \cong$ C8 : (C2 x C2):

| | $1a$ | $2a$ | $2b$ | $2c$ | $2d$ | $2e$ | $4a$ | $4b$ | $4c$ | $8a$ | $8b$ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| $\chi_1$ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| $\chi_2$ | 1 | 1 | 1 | −1 | −1 | −1 | 1 | 1 | −1 | 1 | 1 |
| $\chi_3$ | 1 | 1 | 1 | −1 | 1 | 1 | 1 | 1 | −1 | −1 | −1 |
| $\chi_4$ | 1 | 1 | 1 | 1 | −1 | −1 | 1 | 1 | 1 | −1 | −1 |
| $\chi_5$ | 1 | 1 | −1 | −1 | −1 | 1 | −1 | 1 | 1 | 1 | −1 |
| $\chi_6$ | 1 | 1 | −1 | −1 | 1 | −1 | −1 | 1 | 1 | −1 | 1 |
| $\chi_7$ | 1 | 1 | −1 | 1 | −1 | 1 | −1 | 1 | −1 | −1 | 1 |
| $\chi_8$ | 1 | 1 | −1 | 1 | 1 | −1 | −1 | 1 | −1 | 1 | −1 |
| $\chi_9$ | 2 | 2 | 2 | 0 | 0 | 0 | −2 | −2 | 0 | 0 | 0 |
| $\chi_{10}$ | 2 | 2 | −2 | 0 | 0 | 0 | 2 | −2 | 0 | 0 | 0 |
| $\chi_{11}$ | 4 | −4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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

| Normalisers $N_i$ | $N_1$ | $N_2$ | $N_3$ | $N_4$ | $N_5$ | $N_6$ | $N_7$ | $N_8$ | $N_9$ | $N_{10}$ | $N_{11}$ | $N_{12}$ | $N_{13}$ | $N_{14}$ | $N_{15}$ | $N_{16}$ | $N_{17}$ | $N_{18}$ | $N_{19}$ | $N_{20}$ | $N_{21}$ | $N_{22}$ | $N_{23}$ | $N_{24}$ | $N_{25}$ | $N_{26}$ | $N_{27}$ | $N_{28}$ | $N_{29}$ | $N_{30}$ | $N_{31}$ | $N_{32}$ | $N_{33}$ | $N_{34}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $p$-subgroups of $G$ up to conjugacy in $G$ | $P_1$ | $P_2$ | $P_3$ | $P_4$ | $P_5$ | $P_6$ | $P_7$ | $P_8$ | $P_9$ | $P_{10}$ | $P_{11}$ | $P_{12}$ | $P_{13}$ | $P_{14}$ | $P_{15}$ | $P_{16}$ | $P_{17}$ | $P_{18}$ | $P_{19}$ | $P_{20}$ | $P_{21}$ | $P_{22}$ | $P_{23}$ | $P_{24}$ | $P_{25}$ | $P_{26}$ | $P_{27}$ | $P_{28}$ | $P_{29}$ | $P_{30}$ | $P_{31}$ | $P_{32}$ | $P_{33}$ | $P_{34}$ |
| Representatives $n_j \in N_i$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ | $1a$ |
| $1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 2 \cdot \chi_9 + 2 \cdot \chi_{10} + 4 \cdot \chi_{11}$ | 32 | 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 |
| $1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 2 \cdot \chi_9 + 2 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 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 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 2 \cdot \chi_{11}$ | 16 | 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 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 2 \cdot \chi_{11}$ | 16 | 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 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 2 \cdot \chi_{11}$ | 16 | 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 |
| $1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 2 \cdot \chi_9 + 0 \cdot \chi_{10} + 2 \cdot \chi_{11}$ | 16 | 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 |
| $1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 2 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 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 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 8 | 8 | 0 | 0 | 4 | 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 |
| $1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 2 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 8 | 8 | 0 | 0 | 0 | 8 | 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 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 8 | 8 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 8 | 8 | 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 | 0 |
| $1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 8 | 8 | 0 | 0 | 0 | 0 | 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 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 8 | 8 | 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 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11}$ | 8 | 0 | 0 | 2 | 2 | 4 | 0 | 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 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11}$ | 8 | 0 | 0 | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 4 | 4 | 0 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 4 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 4 | 4 | 0 | 0 | 0 | 4 | 4 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 4 | 4 | 0 | 2 | 2 | 0 | 4 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 4 | 4 | 2 | 0 | 0 | 4 | 0 | 0 | 4 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 4 | 4 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 4 | 4 | 0 | 2 | 2 | 4 | 0 | 2 | 4 | 2 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 0 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 2 | 2 | 2 | 0 | 0 | 2 | 2 | 0 | 2 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 2 | 2 | 2 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| $1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 2 | 2 | 0 | 0 | 0 | 2 | 2 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$ | 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 |

$P_{1} = Group([()]) \cong 1$
$P_{2} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong$ C2
$P_{3} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30)]) \cong$ C2
$P_{4} = Group([(1,11)(2,17)(3,4)(5,31)(6,24)(7,8)(9,32)(10,28)(12,26)(13,15)(14,25)(16,23)(18,30)(19,21)(20,29)(22,27)]) \cong$ C2
$P_{5} = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong$ C2
$P_{6} = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32)]) \cong$ C2
$P_{7} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,14,6,26)(2,20,10,30)(3,23,13,31)(4,5,15,16)(7,27,19,32)(8,9,21,22)(11,12,24,25)(17,18,28,29)]) \cong$ C4
$P_{8} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong$ C2 x C2
$P_{9} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32)]) \cong$ C2 x C2
$P_{10} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,11)(2,17)(3,4)(5,31)(6,24)(7,8)(9,32)(10,28)(12,26)(13,15)(14,25)(16,23)(18,30)(19,21)(20,29)(22,27)]) \cong$ C2 x C2
$P_{11} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30)]) \cong$ C2 x C2
$P_{12} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \cong$ C4
$P_{13} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,21,6,8)(2,15,10,4)(3,32,13,27)(5,20,16,30)(7,31,19,23)(9,14,22,26)(11,18,24,29)(12,28,25,17)]) \cong$ C4
$P_{14} = Group([(1,15)(2,21)(3,24)(4,6)(5,26)(7,28)(8,10)(9,30)(11,13)(12,31)(14,16)(17,19)(18,32)(20,22)(23,25)(27,29), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong$ C2 x C2
$P_{15} = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong$ C2 x C2
$P_{16} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong$ D8
$P_{17} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,11)(2,17)(3,4)(5,31)(6,24)(7,8)(9,32)(10,28)(12,26)(13,15)(14,25)(16,23)(18,30)(19,21)(20,29)(22,27)]) \cong$ D8
$P_{18} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32)]) \cong$ C4 x C2
$P_{19} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30)]) \cong$ D8
$P_{20} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,21,6,8)(2,15,10,4)(3,32,13,27)(5,20,16,30)(7,31,19,23)(9,14,22,26)(11,18,24,29)(12,28,25,17)]) \cong$ Q8
$P_{21} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,18,5,19,6,29,16,7)(2,12,9,13,10,25,22,3)(4,32,14,17,15,27,26,28)(8,31,20,11,21,23,30,24)]) \cong$ C8
$P_{22} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,32,16,28,6,27,5,17)(2,31,22,24,10,23,9,11)(3,21,25,20,13,8,12,30)(4,18,26,7,15,29,14,19)]) \cong$ C8
$P_{23} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,14,6,26)(2,20,10,30)(3,23,13,31)(4,5,15,16)(7,27,19,32)(8,9,21,22)(11,12,24,25)(17,18,28,29), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong$ D8
$P_{24} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30)]) \cong$ D8
$P_{25} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,14,6,26)(2,20,10,30)(3,23,13,31)(4,5,15,16)(7,27,19,32)(8,9,21,22)(11,12,24,25)(17,18,28,29), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30)]) \cong$ C4 x C2
$P_{26} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong$ C2 x C2 x C2
$P_{27} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong$ C2 x D8
$P_{28} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,11)(2,17)(3,4)(5,31)(6,24)(7,8)(9,32)(10,28)(12,26)(13,15)(14,25)(16,23)(18,30)(19,21)(20,29)(22,27), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30)]) \cong$ D16
$P_{29} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30)]) \cong$ (C4 x C2) : C2
$P_{30} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30)]) \cong$ D16
$P_{31} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,21,6,8)(2,15,10,4)(3,32,13,27)(5,20,16,30)(7,31,19,23)(9,14,22,26)(11,18,24,29)(12,28,25,17)]) \cong$ QD16
$P_{32} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,18,5,19,6,29,16,7)(2,12,9,13,10,25,22,3)(4,32,14,17,15,27,26,28)(8,31,20,11,21,23,30,24)]) \cong$ C8 : C2
$P_{33} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,11)(2,17)(3,4)(5,31)(6,24)(7,8)(9,32)(10,28)(12,26)(13,15)(14,25)(16,23)(18,30)(19,21)(20,29)(22,27), (1,21,6,8)(2,15,10,4)(3,32,13,27)(5,20,16,30)(7,31,19,23)(9,14,22,26)(11,18,24,29)(12,28,25,17)]) \cong$ QD16
$P_{34} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30)]) \cong$ C8 : (C2 x C2)

$N_{1} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong$ C8 : (C2 x C2)
$N_{2} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong$ C8 : (C2 x C2)
$N_{3} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,20,6,30)(2,14,10,26)(3,28,13,17)(4,22,15,9)(5,8,16,21)(7,24,19,11)(12,27,25,32)(18,23,29,31)]) \cong$ C4 x C2
$N_{4} = Group([(1,11)(2,17)(3,4)(5,31)(6,24)(7,8)(9,32)(10,28)(12,26)(13,15)(14,25)(16,23)(18,30)(19,21)(20,29)(22,27), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong$ C2 x C2 x C2
$N_{5} = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong$ C2 x C2 x C2
$N_{6} = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,25)(2,29)(3,16)(4,31)(5,13)(6,12)(7,22)(8,32)(9,19)(10,18)(11,26)(14,24)(15,23)(17,30)(20,28)(21,27)]) \cong$ C2 x D8
$N_{7} = Group([(1,14,6,26)(2,20,10,30)(3,23,13,31)(4,5,15,16)(7,27,19,32)(8,9,21,22)(11,12,24,25)(17,18,28,29), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong$ C8 : (C2 x C2)
$N_{8} = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \cong$ C2 x D8
$N_{9} = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong$ C8 : (C2 x C2)
$N_{10} = Group([(1,11)(2,17)(3,4)(5,31)(6,24)(7,8)(9,32)(10,28)(12,26)(13,15)(14,25)(16,23)(18,30)(19,21)(20,29)(22,27), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \cong$ C2 x D8
$N_{11} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \cong$ (C4 x C2) : C2
$N_{12} = Group([(1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32)]) \cong$ C8 : (C2 x C2)
$N_{13} = Group([(1,21,6,8)(2,15,10,4)(3,32,13,27)(5,20,16,30)(7,31,19,23)(9,14,22,26)(11,18,24,29)(12,28,25,17), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \cong$ (C4 x C2) : C2
$N_{14} = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,15)(2,21)(3,24)(4,6)(5,26)(7,28)(8,10)(9,30)(11,13)(12,31)(14,16)(17,19)(18,32)(20,22)(23,25)(27,29), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32)]) \cong$ C2 x C2 x C2
$N_{15} = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong$ C2 x C2 x C2
$N_{16} = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32)]) \cong$ C8 : (C2 x C2)
$N_{17} = Group([(1,11)(2,17)(3,4)(5,31)(6,24)(7,8)(9,32)(10,28)(12,26)(13,15)(14,25)(16,23)(18,30)(19,21)(20,29)(22,27), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong$ C8 : (C2 x C2)
$N_{18} = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong$ C8 : (C2 x C2)
$N_{19} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32)]) \cong$ C8 : (C2 x C2)
$N_{20} = Group([(1,21,6,8)(2,15,10,4)(3,32,13,27)(5,20,16,30)(7,31,19,23)(9,14,22,26)(11,18,24,29)(12,28,25,17), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong$ C8 : (C2 x C2)
$N_{21} = Group([(1,18,5,19,6,29,16,7)(2,12,9,13,10,25,22,3)(4,32,14,17,15,27,26,28)(8,31,20,11,21,23,30,24), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32)]) \cong$ C8 : (C2 x C2)
$N_{22} = Group([(1,32,16,28,6,27,5,17)(2,31,22,24,10,23,9,11)(3,21,25,20,13,8,12,30)(4,18,26,7,15,29,14,19), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong$ C8 : (C2 x C2)
$N_{23} = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,14,6,26)(2,20,10,30)(3,23,13,31)(4,5,15,16)(7,27,19,32)(8,9,21,22)(11,12,24,25)(17,18,28,29), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32)]) \cong$ C2 x D8
$N_{24} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \cong$ (C4 x C2) : C2
$N_{25} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,14,6,26)(2,20,10,30)(3,23,13,31)(4,5,15,16)(7,27,19,32)(8,9,21,22)(11,12,24,25)(17,18,28,29), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32)]) \cong$ (C4 x C2) : C2
$N_{26} = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \cong$ C2 x D8
$N_{27} = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30)]) \cong$ C8 : (C2 x C2)
$N_{28} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,11)(2,17)(3,4)(5,31)(6,24)(7,8)(9,32)(10,28)(12,26)(13,15)(14,25)(16,23)(18,30)(19,21)(20,29)(22,27), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong$ C8 : (C2 x C2)
$N_{29} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong$ C8 : (C2 x C2)
$N_{30} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32)]) \cong$ C8 : (C2 x C2)
$N_{31} = Group([(1,21,6,8)(2,15,10,4)(3,32,13,27)(5,20,16,30)(7,31,19,23)(9,14,22,26)(11,18,24,29)(12,28,25,17), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30)]) \cong$ C8 : (C2 x C2)
$N_{32} = Group([(1,18,5,19,6,29,16,7)(2,12,9,13,10,25,22,3)(4,32,14,17,15,27,26,28)(8,31,20,11,21,23,30,24), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30)]) \cong$ C8 : (C2 x C2)
$N_{33} = Group([(1,21,6,8)(2,15,10,4)(3,32,13,27)(5,20,16,30)(7,31,19,23)(9,14,22,26)(11,18,24,29)(12,28,25,17), (1,11)(2,17)(3,4)(5,31)(6,24)(7,8)(9,32)(10,28)(12,26)(13,15)(14,25)(16,23)(18,30)(19,21)(20,29)(22,27), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30)]) \cong$ C8 : (C2 x C2)
$N_{34} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong$ C8 : (C2 x C2)