The group $G$ is isomorphic to the group labelled by [ 48, 10 ] in the Small Groups library.
Ordinary character table of $G \cong$ (C3 : C8) : C2:

| | 1a | 8a | 2a | 4a | 2b | 3a | 8b | 8c | 4b | 6a | 4c | 12a | 6b | 8d | 12b | 6c | 12c | 12d |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $\chi_1$ | 1 | 1 | 1 | 1 | 1 | 1 | 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 | 1 | 1 | 1 | $-1$ | $-1$ | 1 | $-1$ |
| $\chi_3$ | 1 | $-1$ | 1 | 1 | 1 | 1 | $-1$ | 1 | $-1$ | 1 | 1 | 1 | 1 | $-1$ | 1 | 1 | 1 | $-1$ |
| $\chi_4$ | 1 | 1 | $-1$ | 1 | 1 | 1 | $-1$ | 1 | $-1$ | 1 | 1 | 1 | 1 | $-1$ | $-1$ | $-1$ | 1 | $-1$ |
| $\chi_5$ | 1 | $-E(4)$ | $-1$ | $-1$ | 1 | 1 | $E(4)$ | $E(4)$ | 1 | $-1$ | $-1$ | $-1$ | $-1$ | $E(4)$ | 1 | $-1$ | $-1$ | 1 |
| $\chi_6$ | 1 | $E(4)$ | $-1$ | $-1$ | 1 | 1 | $-E(4)$ | $-E(4)$ | 1 | $-1$ | $-1$ | $-1$ | $-1$ | $E(4)$ | 1 | $-1$ | $-1$ | 1 |
| $\chi_7$ | 1 | $-E(4)$ | 1 | $-1$ | 1 | 1 | $-E(4)$ | $E(4)$ | $-1$ | 1 | $-1$ | $-1$ | 1 | $E(4)$ | $-1$ | 1 | $-1$ | $-1$ |
| $\chi_8$ | 1 | $E(4)$ | 1 | $-1$ | 1 | 1 | $E(4)$ | $-E(4)$ | $-1$ | 1 | $-1$ | $-1$ | 1 | $-E(4)$ | $-1$ | 1 | $-1$ | $-1$ |
| $\chi_9$ | 2 | 0 | $-2$ | $-2$ | 2 | $-1$ | 0 | 0 | 2 | 1 | $-2$ | 1 | $-1$ | 0 | $-1$ | 1 | 1 | $-1$ |
| $\chi_{10}$ | 2 | 0 | $-2$ | 2 | 2 | $-1$ | 0 | 0 | $-2$ | 1 | 2 | $-1$ | $-1$ | 0 | 1 | $-1$ | $-1$ | 1 |
| $\chi_{11}$ | 2 | 0 | 2 | $-2$ | 2 | $-1$ | 0 | 0 | $-2$ | $-1$ | $-2$ | 1 | $-1$ | 0 | 1 | $-1$ | 1 | 1 |
| $\chi_{12}$ | 2 | 0 | 2 | 2 | 2 | $-1$ | 0 | 0 | 2 | $-1$ | 2 | $-1$ | $-1$ | 0 | $-1$ | $-1$ | $-1$ | $-1$ |
| $\chi_{13}$ | 2 | 0 | 0 | $-2+E(4)$ | $-2$ | 2 | 0 | 0 | 0 | 0 | $2+E(4)$ | $-2+E(4)$ | $-2$ | 0 | 0 | 0 | $2+E(4)$ | 0 |
| $\chi_{14}$ | 2 | 0 | 0 | $2+E(4)$ | $-2$ | 2 | 0 | 0 | 0 | 0 | $-2+E(4)$ | $2+E(4)$ | $-2$ | 0 | 0 | 0 | $-2+E(4)$ | 0 |
| $\chi_{15}$ | 2 | 0 | 0 | $-2+E(4)$ | $-2$ | $-1$ | 0 | 0 | 0 | 0 | $-E(8)+E(8)^3$ | $2+E(4)$ | $E(4)$ | 1 | 0 | $E(12)^7-E(12)^{11}$ | $E(3)-E(3)^2$ | $-E(4)-E(12)^7+E(12)^{11}$ |
| $\chi_{16}$ | 2 | 0 | 0 | $-2+E(4)$ | $-2$ | $-1$ | 0 | 0 | 0 | 0 | $E(3)-E(3)^2$ | $2+E(4)$ | $E(4)$ | 1 | 0 | $-E(12)^7+E(12)^{11}$ | $-E(3)+E(3)^2$ | $-E(4)-E(12)^7+E(12)^{11}$ |
| $\chi_{17}$ | 2 | 0 | 0 | $2+E(4)$ | $-2$ | $-1$ | 0 | 0 | 0 | 0 | $-E(3)+E(3)^2$ | $-2+E(4)$ | $-E(4)$ | 1 | 0 | $-E(12)^7+E(12)^{11}$ | $E(3)-E(3)^2$ | $E(4)-E(12)^7+E(12)^{11}$ |
| $\chi_{18}$ | 2 | 0 | 0 | $2+E(4)$ | $-2$ | $-1$ | 0 | 0 | 0 | 0 | $E(3)-E(3)^2$ | $-2+E(4)$ | $-E(4)$ | 1 | 0 | $E(12)^7-E(12)^{11}$ | $-E(3)+E(3)^2$ | $E(4)-E(12)^7+E(12)^{11}$ |

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

| Normalisers $N_i$ | $N_1$ | $N_2$ | | $N_3$ | | $N_4$ | $N_5$ | $N_6$ | $N_7$ | $N_8$ | $N_9$ | $N_{10}$ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| $p$-subgroups of $G$ up to conjugacy in $G$ | $P_1$ | $P_2$ | | $P_3$ | | $P_4$ | $P_5$ | $P_6$ | $P_7$ | $P_8$ | $P_9$ | $P_{10}$ | |
| Representatives $n_j \in N_i$ | 1a | 4a | 1a | 4a | 4b | 3a | 1a | 3a | 1a | 3a | 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 |
| $0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+1\cdot\chi_{15}+1\cdot\chi_{16}+1\cdot\chi_{17}+1\cdot\chi_{18}$ | 16 | $-8$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$ | 8 | 8 | 8 | 8 | 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 | $-4$ | 8 | $-4$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+1\cdot\chi_{15}+1\cdot\chi_{16}+1\cdot\chi_{17}+1\cdot\chi_{18}$ | 8 | 8 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$ | 8 | $-4$ | 0 | 0 | 4 | $4*E(3)^2$ | $4*E(3)$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$ | 4 | 4 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$ | 4 | $-4$ | 4 | $-4$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$ | 4 | $-2$ | 4 | $-2$ | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$ | 4 | $-2$ | 4 | $-2$ | 0 | 0 | $-2$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}+1\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$ | 4 | $-2$ | 4 | $-2$ | 0 | 0 | $-2$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$ | 4 | $-2$ | 4 | $-2$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$ | 2 | $-1$ | 2 | $-1$ | 2 | $-1$ | $-1$ | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$ | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$ | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+0\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{18}$ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

$P_1 = Group([()]) \cong 1$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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