The group G is isomorphic to the group labelled by [32, 44] in the Small Groups library

Ordinary character table of $G \cong (C2 \times Q8) : C2$:

	1a	2a	2b	4a	4b	8a	8b	2c	4c	4d	4e
χ_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
χ_3	1	1	1	1	1	1	1	-1	-1	-1	-1
χ_4	1	1	-1	1	-1	1	-1	-1	1	-1	1
χ_5	1	1	1	1	1	-1	-1	1	1	-1	-1
χ_6	1	1	-1	1	-1	-1	1	1	-1	-1	1
χ_7	1	1	1	1	1	-1	-1	-1	-1	1	1
χ_8	1	1	-1	1	-1	-1	1	-1	1	1	-1
χ_9	2	2	2	-2	-2	0	0	0	0	0	0
χ_{10}	2	2	-2	-2	2	0	0	0	0	0	0
χ_{11}	4	-4	0	0	0	0	0	0	0	0	0

																													χ_{10}	4 -4
Trivial source character table of $G \cong (C2 \times Q8)$: 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}	$\overline{N_{23}}$	N_{24}	N_{25}	N_{26}	N_{27}	N_{28}	N_{29}	N_{30}
p-subgroups of G up to conjugacy in G	P_1		P_3			-	-			P_{10}						P_{16}				P_{20}			P_{23}			P_{26}				
Representatives $n_j \in N_i$	1a	1a	1a	1a	1a	1 <i>a</i>	1 <i>a</i>	1 <i>a</i>	1a	1a	1 <i>a</i>	1a	1a	1a	1a	1a	1 <i>a</i>	1 <i>a</i>	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
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 2 \cdot \chi_9 + 2 \cdot \chi_{10} + 0 \cdot \chi_{11}$			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
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 2 \cdot \chi_9 + 0 \cdot \chi_{10} + 2 \cdot \chi_{11}$	16	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
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 2 \cdot \chi_{11}$	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
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11}$	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
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	8	8	0	0	0	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
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 2 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	8	8	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
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 2 \cdot \chi_{10} + 0 \cdot \chi_{11}$	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
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11}$	8	8	0	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
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11}$	8	8	0	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
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11}$	8	8	0	0	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
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	4	4	0	0	4	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
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	4	4	4	0	0	4	4	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	4	4	0	0	0	4	0	0	4	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	4	4	0	0	0	4	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	4	4	4	2	0	0	4	0	0	2	2	0	0	0	0	2	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	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	4	4	0	0	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
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11}$	4	4	0	0	2	0	0	4	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	4	4	4	0	2	0	4	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11}$	4	4	0	2	0	0	0	4	0	2	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	4	4	0	4	0	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	2	2	2	2	0	2	2	2	0	2	2	0	2	0	2	2	0	0	0	0	2	2	2	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	2	2	0	2	0	2	0	0	2	2	0	0	0	2	0	0	0	2	0	0	0	2	0	2	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	0	2	2	2	2	2	0	0	2	2	2	0	0	0	0	2	2	0	0	0	0	2	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	2	2	0	2	2	2	0	0	0	2	0	2	0	0	0	0	2	0	0	0	0	2	0	0	0	2	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$		2	0	-	2	2		0	0	0	2	2	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2	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	0	2	2	2	0	0	0	0	2	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11}$	2	2	0	0	0	2	0	0	2	0	2	0	0	2	2	0	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

 $P_2 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong C2$

 $P_3 = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32)]) \cong C2$ $P_4 = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30)]) \cong \mathbb{C}_2$

 $P_5 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,25,16,12)(8,17,21,28)(9,29,22,18)(14,31,26,23)(20,32,30,27)]) \cong C4$

 $P_6 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \cong C4$

 $P_8 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,14,6,26)(2,20,10,30)(3,23,13,31)(4,5,15,16)(7,27,19,32)(8,9,21,22)(11,12,24,25)(17,18,28,29)]) \cong C4$

 $P_9 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,11,6,24)(2,17,10,28)(3,15,13,4)(5,31,16,23)(7,21,19,8)(9,32,22,27)(12,14,25,26)(18,20,29,30)]) \cong C4$

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

 $P_{12} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(14,28)(17,28)$

 $P_{13} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(13,24)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(27,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(27,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(27,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(17,12)(19,28)$

 $P_{15} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(14,29)(23,31)(27,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(11,23,24,31)(11,23,$

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

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

 $P_{23} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(22,30)(25,31)(27,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(17,$ $P_{24} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(13,29)(14,26)(17,28)(13,29)(14,26)(17,28)(13,29)(14,26)(17,28)(13,29)(14,26)(17,28)(13,29)(14,26)(17,28)(13,29)(14,26)(17,28)(13,29)(14,26)(17,28)(13,29)(14,26)(17,28)(18,29)(19,29)(11,24)(19,29)$

 $P_{25} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(22,30)(25,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)($

 $P_{26} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(9,22,21,8)(14,21)(17,27,28,32),\\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),\\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),\\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),\\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(2,13,24)(17,22,23)(11,24)(12,25)(14,26)(17,28)(13,24)(17,27,28,32),\\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(17,28)(13,29)(14,20)(17,28)(1$

 $P_{27} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(9,22,23)(11,24)(12,25)(14,26)(17,28)(9,22,23)(11,24)(12,25)(14,26)(17,28)(12,26)(11,18,24,29)(12,28,25,17)]) \\ \cong Q_{16} = Q_{$

 $P_{28} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(22,30)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(17,28)(18,29)(19,28)(19,2$

 $P_{29} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(3,15,13,4)(5,31,16,23)(7,21,19,8)(9,32,2,27)(12,14,25,26)(14,15,26)(17,19,18)(17,27,28,32), \\ (1,1,6,24)(2,17,10,28)(3,15,13,4)(5,31,16,23)(7,11,16,24)(2,17,10,28)(3,15,13,4)(5,31,16,23)(7,11,16,24)(2,17,10,28)(3,15,13,4)(5,31,16,23)(7,11,16,24)(2,17,10,28)(3,15,13,4)(5,31,16,23)(7,11,16,24)(2,17,10,28)(3,15,13,4)(5,31,16,23)(7,11,16,24)(2,17,10,28)(3,15,13,4)(5,31,16,23)(7,11,16,24)(2,17,10,28)(3,15,13,4)(5,31,16,23)(7,11,16,24)(2,17,10,28)(3,15,13,4)(5,31,16,23)(7,11,16,24)(2,17,10,28)(3,15,13,4)(5,31,16,23)(7,11,16,24)(2,17,10,28)(3,15,13,4)(5,31,16,23)(7,11,16,24)(2,17,10,28)(3,15,13,4)(3$ $P_{30} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,21)(12,23)(13,24)(12,25)(14,26)(17,24)(17,24)$

 $N_1 = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,24)(14,20)(17,21)(13,24)(14,25)(14,21)(15,22)(14,20)(17,21)(15,24)(15$ $N_2 = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,23)(14,20)(17,23)(13,24)(16,25)(14,20)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(13,24)(16,25)(14,26)(17,23)(16,25)(16$ $N_4 = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), \\ (1,0)(2,10)(3,13)(4,15)(5,16)(7,12)(8,13)(19,25)(14,20)(17,24)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,0)(3,13)(4,15)(5,16)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30), \\ (1,0)(3,13)(4,15)(5,16)(1,12)(13,29)(14,20)(17,31)(19,25)(14,20)(17,20$

 $N_5 = Group([(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,25,16,12)(8,17,21,28)(9,29,22,18)(14,31,26,23)(20,32,31)(27,32),(1,5,6,16)(2,9,10,22)(31,24)(15,26)(17,28)(13,24)(15,26)(17,28)(13,24)(15,26)(17,28$ $N_6 = Group([(1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18)(9,22)(11,24)(12,25)(14,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(17,28)(19,22)(11,24)(12,25)(14,26)(17,28)(19,24)(19,22)(11,24)(12,25)(14,26)(17,28)(19,22)(11,24)(12,25)(14,26)(17,28)(19,22)(11,24)(12,25)(14,26)(17,28)(19,22)(11,24)(12,25)(14,26)(17,28)(19,22)(11,24)(12,25)(14,26)(17,28)(19,22)(11,24)(12,25)(14,26)(17,28)(19,22)(11,24)(12,25)(14,26)(17,28)(19,22)(11,24)(12,25)(14,26)(17,28)(19,22)(11,24)(12,25)(12,24)(12,25)(12,24)(12,25)(12,24)(12,25)(12,24)(12,25)(12,24)(12,25)(12,24)(12,25)(12,24)(12,25)(12,24)(12,25)(12,24)$

 $N_7 = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,25)(23,28)(24,27)(26,30), \\ (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,25,16,12)(8,17,21,28)(9,22,218)(14,21)(12,23)(13,24)(16,25)(14,21)(12,23)(13,24)(16,25)(14,21)(12,23)(13,24)(16,25)(14,21)(12,23)(13,24)(16,25)(14,21)(12,23)(13,24)(16,25)(14,21)(12,23)(13,24)(16,25)(14,21)(12,23)(13,24)(16,25)(14,21)(12,23)(13,24)(16,25)(14,21)(12,23)(13,24)(16,25)(14,21)(12,23)(13,24)(16,25)(14,21)(12,23)(13,24)(16,25)(14,21)(12,23)(14,21)(1$ $N_8 = Group([(1,14,6,26)(2,20,10,30)(3,23,13,31)(4,5,15,16)(7,27,19,32)(8,9,21,22)(11,24,25)(14,20)(7,19,(8,21)(2,25)(14,20)(17,21)(8,15)(9,21)(14,21)(13,24)(13,24)(14,25)(14,21)(14,24)(14,25)(14,21)(14,24)(14,25)(14,21)(14,24)(14,25)(14,21)(14,24)(14,25)(14,21)(14,24)(14,25)(14,21)(14,24)(14,25)(14,24)(14,$

 $N_{10} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,22)(11,24)(12,25)(14,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(18,29)(21,20)(17,28)(18,29)(21,20)(18,29)$ $N_{11} = Group([(1,21,6,8)(2,15,10,4)(3,32,13,27)(5,20,16,30)(7,31,19,23)(9,14,22,26)(11,18,24,29)(12,28,25,17),(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(13,29)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30),(1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)] \\ = (C_4 \times C_2) \times (C_4 \times C_4) \times (C_4 \times C_4)$

 $N_{12} = Group([(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,25,16,12)(9,29)(11,24)(12,25)(14,26)(17,21)(9,29)(11,24)(12,25)(14,26)(17,21)(9,29)(13,24)(16,26)(17,21)(19,23)(13,24)(16,26)(17,21)(19,23)(13,24)(16,26)(17,21)(19,23)(19,24)(19,2$

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

 $N_{16} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,22)(11,24)(12,25)(14,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(18,29)(20,30)(23,31)(27,32)(17,32)$

 $N_{17} = Group([(1,18,16,7,6,29,5,19)(2,12,22,3,10,25,9,13)(4,32,26,28,15,27,14,17)(8,31,30,24,21,23,20,11),(1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),(1,6)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(27,32),(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,13)(27,32),(1,2)(13,24)(16,26)(18,27)(19,28)(12,23)(13,24)(16,26)(18,27)(19,28)($ $N_{18} = Group([(1,32,5,17,6,27,16,28)(2,31,9,11,10,23,22,24)(3,8,12,20,13,21)(17,27,28,32),(1,2)(3,18)(4,21)(5,22)(6,10)(7,18)(6,21)(6,$ $N_{19} = Group([(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,25,16,12)(9,29,22,18)(14,31,26,23)(20,32,30,27),(1,14,6,26)(2,20,10,30)(3,31)(4,51,51,6)(7,27,19,32)(8,9,21,22)(11,12,24,25)(14,26)(17,28)(19,22)(11,12,24,25)(17,18,28,29),(1,6)(2,10)(3,13)(4,51,51,6)(7,27,19,32)(8,9,21,22)(11,12,24,25)(17,18,28,29),(1,6)(2,10)(3,13)(4,51,51,6)(7,27,19,32)(8,9,21,22)(11,12,24,25)(17,18,28,29),(1,6)(2,10)(3,13)(4,15,15,16)(7,27,19,32)(8,9,21,22)(11,12,24,25)(14,26)(17,28)(18,29)(20,30)(20,31,32)(11,12,24,25)($

 $N_{20} = Group([(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,25,16,12)(9,29,22,18)(14,31,26,23)(20,30,27),(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(21,20)(11,24)(12,25)(14,26)(17,28)(21,20)(12,23)(13,24)(16,26)(17,28)(21,20)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(18,29)(19,20)(11,24)(12,23)(13,24)(16,26)(17,28)(18,29)(19,24)(19$

 $N_{22} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,10)(11,23)(13,24)(12,25)(14,26)(17,28)(13,24)(13,24)(13,24)(13,24)(14,25)(13,24)(14,25)(14,26)(17,28)(13,24)(14,25)(14,26)(17,28)(17,28)$

 $N_{23} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,21)(1,24)(12,23)(13,24)(14,21)(5,22)(6,10)(7,12)(8,13)(2,31)(2,32)(13,24)(14,21)(2,32)(13,24)(14,21)(2,32)(13,24)(14,21)(2,32)(13,24)(14,21)(2,32)(14,21)(14,22)(14,22)(14$ $N_{24} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,29)(14,20)(17,32)(13,29)(14,20)(17,32)(13,29)(14,20)(17,32)(13,29)(14,20)(17,32)(13,29)(14,20)(17,32)(13,29)(14,20)(17,32)(13,29)(14,20)(17,32)(13,29)(14,20)(17,32)(13,29)(14,20)(17,32)(13,29)(14,20)(17,32)(13,29)(14,20)(17,32)(13,29)(14,20)(17,32)(13,29)(14,20)(17,32)(13,29)(14,20)(17,32)$ $N_{25} = Group([(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,25,16,12)(9,22)(11,24)(12,25)(14,26)(17,21)(9,22)(13,24)(16,25)(14,21)(9,22)(13,24)(16,25)(14,21)(17,27,28,32), \\ (1,5,6,13)(2,7,10,19)(4,11,15,24)(5,25,16,12)(8,17,21,28)(9,22,18)(14,21)(5,22)(6,10)(7,12)(8,15)(9,12)(13,24)(16,25)(14,21)(17,21)(19,22)(11,24)(12,23)(13,24)(16,25)(14,21)(17,21)(19,22)(11,24)(12,23)(13,24)(16,25)(14,21)(17,21)(19,22)(11,24)(12,23)(13,24)(16,25)(14,21)(17,21)(19,22)(11,24)(12,23)(13,24)(16,25)(14,21)(17,21)(19,22)(11,24)(12,23)(13,24)(16,25)(14,21)(17,21)(19,22)(11,24)(12,23)(13,24)(16,25)(14,21)(17,21)(19,22)(11,24)(12,23)(13,24)(16,25)(14,21)(17,21)(19,22)(11,24)(12,23)(13,24)(16,25)(14,21)(17,21)(19,22)(11,24)(12,23)(13,24)(16,25)(14,21)(17,21)(19,22)(11,24)(12,23)(13,24)(16,25)(14,24)(16,25)(16,$ $N_{26} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,16)(11,32)(13,24)(14,25)(14,26)(17,28)(13,24)(17,27,28,32), \\ (1,5)(2,3,13)(2,3,$

 $N_{27} = Group([(1,21,6,8)(2,15,10,4)(3,32,13,27)(5,20,16,30)(7,31,19,23)(9,14,22,26)(11,18,24,29)(12,28,25,17),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,25,16,12)(8,17,21,28)(9,22,18)(14,21,25)(14,20)(17,21,28)(9,22,18)(14,21,25)(14,20)(17,21,28)(9,22,18)(14,21,25)(14,$ $N_{28} = Group([(1,18,16,7,6,29,5,19)(2,12,23,310,25,913)(4,12,23,23,10,25,913)(4,12,23,23,10,25,913)(4,12,23,23,10,25,14,17)(8,31,30,24,21,23,20,11), \\ (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(14,20)(17,31)(19,25)(23,28)(24,27)(26,30)] \\ \cong (C2 \times Q8) : C2 \times Q8) : C2 \times Q8 : C2 \times Q8 : C3 \times Q8 : C3 \times Q8 : C4 \times Q8 :$ $N_{29} = Group([(1,21,6,8)(2,15,10,4)(3,32,13,27)(5,20,16,30)(7,31,19,23)(9,14,22,26)(11,18,24,29)(12,28,25,17),(1,21,6,24)(2,17,10,28)(3,15,13,4)(5,31,16,23)(7,21,19,8)(9,32,22,27)(12,14,25,26)(13,29,14,20)(17,21,19,8)(9,32,22,27)(12,14,25,26)(13,29,14,20)(17,21,19,29)(17,21$

 $N_{30} = Group([(1,2)(3,18)(4,21)(5,22)(6,10)(7,12)(8,15)(9,10)(17,23)(13,24)(16,25)(14,21)(17,23)(13,24)(16,25)(14,21)(17,23)(13,24)(16,25)(14,21)(17,23)(13,24)(16,25)(14,21)(17,23)(13,24)(16,25)(14,21)(17,23)(13,24)(16,25)(14,21)(17,23)(13,24)(16,25)(14,21)(17,23)(13,24)(16,25)(14,21)(17,23)(13,24)(16,25)(14,21)(17,23)(13,24)(16,25)(14,21)(17,23)(13,24)(16,25)(14,21)(17,23)(13,24)(16,25)(14,21)(17,23)(18,24)(17,23)(18,24)(17,23)(18,24)(17,23)(18,24)(17,23)(18,24)$