	1a	4a	2a	2b	4b	2c	8a	4c	2d	4d	2e	8b	8c	8d
χ_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
χ_3	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
χ_5	1	-1	1	1	1	1	-1	-1	1	1	1	-1	-1	-1
χ_6	1	1	-1	-1	1	1	-1	-1	1	-1	-1	1	-1	1
χ_7	1	1	-1	1	1	1	-1	1	-1	1	1	-1	-1	-1
χ_8	1	1	1	-1	1	1	1	-1	-1	-1	-1	-1	1	-1
χ_9	2	0	0	-2	-2	2	0	0	0	2	-2	0	0	0
χ_{10}	2	0	0	2	-2	2	0	0	0	-2	2	0	0	0
χ_{11}	2	0	0	-2	0	-2	$-E(8) - E(8)^3$	0	0	0	2	$E(8) + E(8)^3$	$E(8) + E(8)^3$	$-E(8) - E(8)^3$
χ_{12}	2	0	0	-2	0	-2	$E(8) + E(8)^3$	0	0	0	2	$-E(8) - E(8)^3$	$-E(8) - E(8)^3$	$E(8) + E(8)^3$
χ_{13}	2	0	0	2	0	-2	$-E(8) - E(8)^3$	0	0	0	-2	$-E(8) - E(8)^3$	$E(8) + E(8)^3$	$E(8) + E(8)^3$
χ_{14}	2	0	0	2	0	-2	$E(8) + E(8)^3$	0	0	0	-2	$E(8) + E(8)^3$	$-E(8) - E(8)^3$	$-E(8) - E(8)^3$

Trivial source character table of $G \cong C2 \times QD16$ at p = 2:

Normalisers N_i	N.	$N_2 \mid N$	I _o N	. N	$\sim N_{\circ}$	N-	N_{\circ}	No. 1	N. D	V., 7	N. a	N ₁₀	N. I N	V N	. N.	- N.	_ N.	. Noo	Non	N_{22}	Nag	N_{24}	Nor	Nag	Non	N_{28} I	$\overline{N_{20}}$	$N_{30} \mid N_{3}$	$\sqrt{N_c}$	$N_{32} N_{33} $	$N_{c,t}$
p-subgroups of G up to conjugacy in G		P_2 P_2	_	$\frac{4}{2}$ $\frac{1}{P}$	_		P_8					$\frac{P_{13}}{P_{13}}$			$P_{16} P_{16}$						P_{23}		_					$\frac{P_{30}}{P_{30}} = \frac{P_{30}}{P_{30}}$	0-		
		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	-				-	-				$\frac{1}{1a}$	4		$\frac{16}{a}$ $\frac{1}{16}$						$\frac{1}{1a}$		$\begin{array}{c c} 1 & 25 \\ \hline 1 & a \end{array}$	4	-			$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	-		$\frac{1}{1a}$
Representatives $n_j \in N_i$			$\frac{a}{a}$	1 10	$\frac{1}{1}$	14	0	0	-	$\frac{1a}{0}$	0	_	0	$\frac{1a}{0}$	$\frac{u}{0}$	1 10	10	10	0	$\frac{1a}{0}$	0	$\frac{1a}{0}$	$\frac{1a}{0}$	$\frac{1a}{0}$	$\frac{1a}{0}$	$\frac{1a}{0}$	$\frac{1a}{0}$	$\frac{1a}{0}$	$\frac{a}{a}$ $\frac{1a}{a}$	$\frac{\iota}{0}$	$\frac{1a}{0}$
$\frac{1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 2 \cdot \chi_9 + 2 \cdot \chi_{10} + 2 \cdot \chi_{11} + 2 \cdot \chi_{12} + 2 \cdot \chi_{13} + 2 \cdot \chi_{14}}{1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_5 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 2 \cdot \chi_9 + 2 \cdot \chi_{10} + 2 \cdot \chi_{11} + 2 \cdot \chi_{12} + 2 \cdot \chi_{13} + 2 \cdot \chi_{14}}$) (0	0	0	0	-	-	0	-	-	0 (0 0	0	0	0	0	0	0	$\frac{0}{0}$	$\frac{0}{0}$	0	$\frac{0}{0}$	0	0	0 ($\frac{1}{2}$) 0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 2 \cdot \chi_9 + 2 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$			$\frac{1}{c}$	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
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 2 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 2 \cdot \chi_{13} + 2 \cdot \chi_{14}$		-	$\frac{6}{2}$		0	0	0	0	0	0	0	-	0	0 (0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0		, 0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 2 \cdot \chi_{10} + 2 \cdot \chi_{11} + 2 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$		0 ($\frac{1}{2}$	0 0	0	0	0	0	0	0	0	-	0	0 (0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0		0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14}$		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
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14}$		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
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$) (0	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
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14}$			8 () 2	2	0	2	0	0	0	0	0	0	0 (0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 () 0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 2 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$		8 8	8 8	0	0	0	0	8	0	0	0	0	0	0 ($0 \mid 0$	0	0	0	0	0	0	0	0	0	0	0	0	0 0) 0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 2 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	8	8 () (0	0	0	0	0	8	0	0	0	0	0 (0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0) 0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	8	0 () 8	$\frac{3}{2}$	2	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) 0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	8	8 () (4	. 0	0	0	0	0	0	4	0	0	0 (0 0	0	0	0	0	0	0	0	0	0	0	0	0	0 0) 0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	8	8 () (0	0	0	0	0	0	0	0	4	0	0 ($0 \mid 0$	0	0	0	0	0	0	0	0	0	0	0	0	0 0) 0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	8	8 () (0	4	0	0	0	0	0	0	0	4	0 ($0 \mid 0$	0	0	0	0	0	0	0	0	0	0	0	0	0 () 0	0	0
$\boxed{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}}$	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
$\boxed{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}}$	4	4 () (0	0	4	0	0	0	0	0	0	0	4	4 0	0	0	0	0	0	0	0	0	0	0	0	0	0 () 0	0	0
$\boxed{1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}}$	4	4 () (0	0	4	0	0	0	0	0	4	0	0 (0 4	0	0	0	0	0	0	0	0	0	0	0	0	0 () 0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	4	4 () (0	4	4	0	0	0	0	0	0	4	0 (0 0	4	0	0	0	0	0	0	0	0	0	0	0	0 () 0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	4	4 () (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	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	4	4 () (0	0	4	0	0	0	0	0	0	0	0 (0 0	0	0	4	0	0	0	0	0	0	0	0	0	0 () 0	, 0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$	4	4 () (2	2	0	0	0	4	0	2	0	2	0 (0 0	0	0	0	2	0	0	0	0	0	0	0	0	0 () 0	, 0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$		4 () () 4	. 0	4	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
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$		4	4 4	. 0	0	4	0	4	4	0	0	0	0	0 (0 0	0	0	0	0	0	4	0	0	0	0	0	0	0 () 0	, 0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$		4	1 4	. 0	0	0	0	4	0	0	0	2	0	2 (0 0	0	0	0	0	0	0	2	0	0	0	0	0	0 () 0	, 0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$		4 () (0	0	0	0	0	4	0	0	2	0	2 (0 0	0	0	0	0	0	0	0	2	0	0	0	0	0 () 0	, 0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$		4 4	1 4	2	2	0	2	4	0	2	2	0	2	0 (0 0	0	0	0	0	0	0	0	0	2	0	0	0	0 () 0	, 0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$		2 2	2 2	2	2	2	2	2	2	2	2	0	2	0 (0 0	2	0	0	2	2	2	0	0	2	2	0	0	0 ($\frac{1}{0}$, 0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$		2 () (0) 2	2	0	0	0	0	0	0	2	2 2	$\frac{1}{2}$ 0	2	0	2	0	0	0	0	0	0	0	2	0	0 ($\frac{1}{0}$, 0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$		2 2	2 2	2 0	0	2	0	2	2	0	0	2	0	2 2	$\frac{2}{2}$	0	0	0	0	0	2	2	2	0	0	0	2	0 0	$\frac{1}{0}$, 0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$		2 () () 2	2 0	2	0	0	0	0	2	0	0	2 2	$\frac{1}{2}$ 0	0	2	0	0	2	0	0	0	0	0	0	0	2 0	$\frac{1}{0}$		0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}$		2 () ($\frac{1}{2}$	2 0	2	0	0	0	0	2	2	0	0 (0 2	0	0	2	0	2	0	0	0	0	0	0	0	0 2	$\frac{1}{2}$	0	0
$\frac{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}}$		2 2	2 2	0	0	2	0	2		0	0		0	0 ($\frac{-}{0}$	0	$\frac{1}{2}$	2	0	0	2	0	0	0	0	0	0	0 0		2 0	0
$\frac{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}}{1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}}$		$\frac{1}{2}$) (0	$\frac{1}{2}$	2	0	0		0	0		2	0 (0 2	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{-}{0}$	0	0	0	0	0	0	0	0	0	0 0		$\frac{1}{2}$	0
$\frac{1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}}{1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14}}$		1	1 1	1	1	1	1	1	1	1	1	1	1	1 1	1 1	1	1	1	1	1	1	$\frac{1}{1}$	$\frac{3}{1}$	$\frac{1}{1}$	$\frac{3}{1}$	$\frac{1}{1}$	1	1 1	$\frac{1}{1}$	1	1
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			_ -	1		1 -		-	_	_	-			- -	_ _					-	-										

- $P_1 = Group([()]) \cong 1$ $P_2 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \cong \mathbb{C}_2$
- $P_3 = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32)]) \cong \mathbb{C}^2$ $P_4 = Group([(1,15)(2,21)(3,24)(4,6)(5,26)(7,28)(8,10)(9,30)(11,13)(12,31)(14,16)(17,19)(18,32)(20,22)(23,25)(27,29)]) \cong \mathbb{C}^2$
- $P_5 = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30)]) \cong \mathbb{C}^2$ $P_6 = Group([(1,11)(2,17)(3,4)(5,31)(6,24)(7,8)(9,32)(10,28)(12,26)(13,15)(14,25)(16,23)(18,30)(19,21)(20,29)(22,27)]) \cong \mathbf{C2}$
- $P_7 = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \cong C4 + C_1 + C_2 + C_3 + C_4 + C$
- $P_{10} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,14,6,26)(2,20,10,30)(3,23,13,31)(4,5,15,16)(7,27,19,32)(8,9,21,22)(11,12,24,25)(17,18,28,29)]) \cong C4$
- $P_{13} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,8,6,21)(2,15,10,4)(3,27,13,32)(5,30,16,20)(7,31,19,23)(9,14,22,26)(11,18,24,29)(12,17,25,28)]) \cong C4$
- $P_{15} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,2,6,10)(3,18,13,29)(4,8,15,21)(5,22,16,9)(7,25,19,12)(11,27,24,32)(14,30,26,20)(17,31,28,23)]) \cong C4$
- $P_{16} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(17,28)(11,24)(12,25)(14,26)(17,28)(11,24)(12,25)(14,26)(17,28)(11,24)(12,25)(14,26)(17,28)(11,24)(12,25)(14,26)(17,28)(11,24)(12,25)(14,26)(17,28)(11,24)(12,25)(14,26)(17,28)(11,24)(12,25)(14,26)(17,28)(11,24)(12,25)(14,26)(17,28)(11,24)(12,25)(14,26)(17,28)(11,24)(12,25)(14,26)(17,28)(12,26)(17,28)(12,26)(17,28)(12,26)(17,28)(17,$
- $P_{17} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(11,24,24,26)(11,18,24,29)(12,17,25,28)] \cong QS$
- $P_{18} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32),\\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),\\ (1,11)(2,17)(3,4)(5,31)(6,24)(7,8)(9,32)(10,28)(12,26)(13,15)(14,25)(14,26)(13,24)(12,25)(14,26)(14,25)(14,26)(14,25)(14,26)(14,25)(14,26)(14,25)(14,26)(14,25)(14,26)(14,25)(14,26)(14,25)(14,26$ $P_{19} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,18,16,7,6,29,5,19)(2,25,22,13,10,12,9,3)(4,27,26,17,15,32,14,28)(8,31,30,24,21,23,20,11)]) \cong CS_{10} = CS_{10} + CS_{10$
- $P_{20} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(12,24)(12,25)(14,26)(17,28)(13,24)(17,27,28,32),\\ (1,27,16,17,6,32,5,28)(2,31,22,24,10,23,9,11)(3,8,25,30,13,21,12,20)(4,18,26,7,15,29,14,19)]) \cong C8$ $P_{21} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32),\\ (1,14,6,26)(2,20,10,30)(3,23,13,31)(4,5,15,16)(7,27,19,32)(8,9,21,22)(11,12,24,25)(17,18,28,29),\\ (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,21)(15,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32),\\ (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,21)(15,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32),\\ (1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,21)(15,24)(12,25)(14,26)(17,28)(18,29)(12,26)(17,28)(18,29)(18,$
- $P_{22} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(4,26)(17,28)(18,29)(20,30)(23,31)(27,32),\\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),\\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),\\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),\\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(17,28)(12,28)(1$
- $P_{23} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(23,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18)(9,22)(11,24)(12,25)(14,26)(17,28)(12,23)(13,24)(16,26)(18,27)(19,28)(21,23)(19,22)(11,24)(19,22)(19,$
- $P_{24} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)$ $P_{25} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,14,6,26)(2,20,10,30)(3,23,13,31)(4,5,15,16)(7,27,19,32)(8,9,21,22)(11,12,24,25)(17,18,28,29), \\ (1,26,10)(3,18,13,29)(4,8,15,21)(5,22,16,9)(7,25,19,12)(11,27,24,32)(14,30,26,20)(17,31,28,23)] \cong QS(3,13,13)(1,$
- $P_{26} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(23,26)(27,30)] \\ \cong C_{2} \times C_{2}$

 $N_5 = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,16)(14,31)(15,24)(18,22)(20,32)(21,28)(23,26)(27,30), \\ (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(18,27)(19,28)(23,26)(27,30), \\ (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(18,27)(19,28)(23,26)(27,30), \\ (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(18,27)(19,28)(23,26)(27,30), \\ (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(18,27)(19,28)(18,27)(19,28)(1$

- $P_{27} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,3)(2,7)(4,11)(5,25)(6,13)(4,15)(5,16)(7,19)(8,21)(12,23)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)($ $P_{28} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(2,27), (1,26,10)(3,13)(4,15)(5,21)(2,27), (1,26,10)(3,13)(4,15)(5,21)(6,24)(7,8)(9,32)(14,26)(17,28)(14,25)(14,26)(17,28)(17,28)(17$
- $P_{29} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(22,30)(25,31)(27,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(17,28,12)(11,23,24,31)(17,27,28,32), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(17,28,12)(17,28$
- $P_{30} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5)(4,14)(5,25)(4,14)(5,25)(4,14)(5,25)(4,14)(12,25)(14,26)(17,28)(17,28$
- $P_{31} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5)(4,14)(5,25)(4,14)(5,25)(4,14)(5,25)(4,14)(12,25)(14,24)(12,25$ $P_{32} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(2,30)(25,31)(27,32),(1,5,6,16)(2,9,10,22)(3,12,32)(11,24)(12,25)(14,26)(17,28)(23,31)(27,32),(1,5,6,16)(2,9,10,22)(3,12,32)(11,24)(12,25)(14,26)(17,28)(23,31)(27,32),(1,5,6,16)(2,9,10,22)(3,12,32)(11,24)(12,25)(14,26)(17,28)(23,31)(27,32),(1,5,6,16)(2,9,10,22)(3,12,32)(11,24)(12,25)(14,26)(17,28)(17,28)(1$
- $P_{33} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(2,25)(14,26)(17,28)(18,29)(20,30)(13,21,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),\\ (1,11)(2,17)(3,4)(5,31)(6,24)(7,8)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(12,27)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(12,27)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(12,27)(11,24)(12,25)(14,26)(17,28)(18,29)(12,27)(11,24)(12,25)(14,26)(17,28)(18,29)(12,27)(11,24)(12,25)(14,26)(17,28)(18,29)(12,27)(11,24)(12,25)(14,26)(17,28)(18,29)(12,27)(11,24)(12,25)(14,26)(17,28)(18,29)(12,27)(11,24)(12,25)(14,26)(17,28)(18,29)(12,27)(11,24)(12,25)(14,26)(17,28)(18,29)(12,27)(11,24)(12,25)(14,26)(17,28)(18,29)(12,27)(11,24)(12,25)(14,26)(17,28)(18,29)(12,27)(11,24)(12,25)(14,26)(17,28)(18,29)(12,27)(11,24)(12,25)(14,26)(17,28)(18,29)(12,27)(11,24)(12,25)(14,26)(17,28)(18,29)(12,27)(11,24)(12,25)(14,26)(17,28)(18,29)(12,27)(11,24)(12,25)(14,26)(17,28)(18,29)(12,27)(11,24)(12,25)(13,28)(12,27)($ $P_{34} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(23,26)(27,30), (1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(23,26)(27,30), (1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(23,26)(27,30), (1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(23,26)(27,30), (1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(23,26)(27,30), (1,2,6,10)(3,13)(4,15)(5,16)(17,28)(23,26)(27,30), (1,2,6,10)(3,13)(4,15)(5,16)(17,28)(23,26)(27,30), (1,2,6,10)(3,13)(4,15)(5,16)(17,28)(23,26)(17,28)(17,2$
- $N_1 = Group([(1,2,6,10)(3,18,13,29)(4,8,15,21)(5,22,16,9)(7,25,19,12)(11,27,24,32)(14,30,26,20)(17,31,28,23), (1,5)(4,14)(5,25)(6,13)(8,17)(9,29)(10,19)(12,25)(14,26)(17,28)(23,26)(27,30), (1,5)(6,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \\ \cong C2 \times QD16(3,12,13,25)(4,14,15,26)(7,13)(4,15)(5,16)(7,17)(9,20)(10,12)(12,23)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(18,29)(20,30)(23,31)(27,32)]) \\ \cong C2 \times QD16(3,12,13,25)(4,14,15,26)(17,12,13)(17,12,23)(13,24)(16,26)(17,28)(17$ $N_2 = Group([(1,2,6,10)(3,18,13,29)(4,8,15,21)(5,22,16,9)(7,25,19,12)(11,27,24,32)(14,20)(23,20)(27,30)(17,27,28,32), \\ (1,5,6,10)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,19)(8,21)(2,23)(14,20)(23,20)(27,30)(17,27,28,32), \\ (1,5,6,10)(2,9,10)(1,23,24,31)(17,27,28,32)(14,20)(23,20)(23,21)(23,20)(23,21)(2$ $N_3 = Group([(1,2,6,10)(3,18,13,29)(4,8,15,21)(5,22,16,9)(7,25,19,12)(11,27,24,32)(14,30,26,20)(17,31,28,23), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,17)(9,20)(10,21)(15,24)(16,26)(17,28)(18,29)(20,30)(25,31)(27,32)]) \\ \cong C2 \times QD16(1,2,3,10)(1,2,3,24,31)(17,27,28,32), (1,3)(2,7)(4,11)(5,25)(6,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(18,29)(20,30)(25,31)(27,32)]) \\ \cong C2 \times QD16(1,2,3,10)(11,23,24,31)(17,27,28,32), (1,3)(2,7)(4,11)(5,25)(6,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(18,29)(20,30)(25,31)(27,32)]) \\ \cong C2 \times QD16(1,2,3,10)(17,2,12,23)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(17$ $N_4 = Group([(1,2,6,10)(3,18,13,29)(4,8,15,21)(5,22,16,9)(7,25,19,12)(11,27,24,32)(14,30,26,20)(17,31,28,23),(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,25)(14,26)(17,28)(23,26)(27,30),(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(23,26)(27,30),(1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18)(9,29)(10,19)(12,23)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(17,$
- $N_6 = Group([(1,11)(2,17)(3,4)(5,31)(6,24)(7,8)(9,32)(10,28)(12,26)(13,15)(14,25)(14,26)(14$ $N_7 = Group([(1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),(1,2,6,10)(3,18,13,29)(4,8,15,21)(5,22,16,9)(7,25,19,12)(11,27,24,32)(14,30,26,20)(17,31,28,23),(1,3)(2,7,32)(14,30,26,20)(17,31,28,23),(13,3)(14,30,26,20)(17,31,28,23),(13,3)(14,30,26,20)(17,31,28,23),(13,3)(14,30,26,20)(17,31,28,23),(13,3)(14,30,26,20)(17,31,28,23),(13,3)(14,30,26,20)(17,31,28,23),(13,3)(14,30,26,20)(17,31,28,23),(13,3)(14,30,26,20)(17,31,28,23),(13,3)(14,30,26,20)(17,31,28,23),(13,3)(14,30,26,20)(17,31,28,23),(13,3)(14,30,26,20)(17,31,28,23),(13,3)(14,30,26,20)(17,31,28,$
- $N_8 = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,25)(14,26)(17,28)(23,26)(27,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(17$
- $N_9 = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,25)(14,26)(17,28)(13,24)(16,25)(14,26)(17,28)(13,24)(16,25)(14,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(18,27)(19,28)(19$ $N_{10} = Group([(1,14,6,26)(2,20,10,30)(3,23,13,31)(4,5,15,16)(7,27,19,32)(8,9,21,22)(11,12,24,25)(17,18,28,29),(1,6)(2,10)(3,13)(4,15)(5,16)(7,27,19,32)(8,9,21,22)(11,12,24,25)(17,18,28,29),(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32),(1,26,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32),(1,26,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32),(1,26,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32),(1,26,10)(3,13)(4,15)(5,16)(7,19)(12,16)(14,31)(15,24)(18,22)(20,32)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(14,26)(17,28)(18,29)(11,24)(12,25)(12,25)(12$
- $N_{12} = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,25)(14,26)(17,28)(23,26)(27,30), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \cong C2 \times D8$ $N_{13} = Group([(1,8,6,21)(2,15,10,4)(3,27,13,32)(5,30,16,20)(7,31,19,23)(9,14,22,26)(11,18,24,29)(12,17,25,28),(1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \cong C2 \times Q8$
- $N_{14} = Group([(1,11)(2,17)(3,4)(5,31)(6,24)(7,8)(9,32)(10,28)(12,26)(13,15)(14,25)$
- $N_{15} = Group([(1,2,6,10)(3,18,13,29)(4,8,15,21)(5,22,16,9)(7,25,19,12)(11,27,24,32)(14,30,26,20)(17,31,28,23),(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(23,31)(27,32),(1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \\ \cong C2 \times Q8$ $N_{16} = Group([(1,2,6,10)(3,18,13,29)(4,8,15,21)(5,22,16,9)(7,25,19,12)(11,24)(12,25)(14,26)(17,28)(23,26)(27,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(23,26)(27,30), \\ (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28$
- $N_{17} = Group([(1, 8, 6, 21)(2, 15, 10, 4)(3, 27, 13, 32)(5, 30, 16, 20)(7, 31, 19, 23)(9, 14, 22, 26)(11, 18, 24, 29)(12, 17, 25, 28), (1, 5, 6, 16)(2, 9, 10, 22)(3, 12, 13, 25)(4, 14, 15, 26)(7, 18, 19, 29)(8, 20, 21, 30)(11, 23, 24, 31)(17, 27, 28, 32), (1, 6)(2, 10, 13)(4, 15)(5, 16)(7, 19)(8, 21)(9, 22)(11, 24)(12, 25)(14, 26)(17, 28)(13, 24)(14, 20, 20, 21, 30)(11, 23, 24, 31)(17, 27, 28, 32), (1, 6)(2, 10, 13)(4, 15)(5, 16)(17, 19)(12, 16)(14, 31)(15, 24)(18, 22)(20, 32)(21, 28)(23, 26)(27, 30)]) \\ \cong C2 \times QD16$ $N_{18} = Group([(1,11)(2,17)(3,4)(5,31)(6,24)(7,8)(9,32)(10,28)(12,26)(13,15)(14,25)(14,25)(14,26)(17,28)(12,26)(13,15)(14,25)(14,26)(17,28)(12,26)(13,15)(14,25)(14,26)(17,28)(12,26)(13,15)(14,25)(14,26)(17,28)(12,26)(13,15)(14,25)(14,26)(17,28)(12,26)(13,15)(14,25)(14,26)(17,28)(12,26)(13,15)(14,25)(14,26)(17,28)(17,28)$ $N_{19} = Group([(1,18,16,7,6,29,5,19)(2,25,22,13,10,12,9)(4,27,26,17,15,32,14,28)(8,31,30,24,21,23,20,11),(1,2,2,4,32)(14,20,23,24,31)(17,27,28,32),(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32)]) \\ \cong C2 \times QD16$
- $N_{20} = Group([(1,27,16,17,6,32,5,28)(2,31,22,24,10,23,9,11)(3,8,25,30,13,21,12,20)(4,18,26,7,15,29,14,19),(1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),(1,6)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),(1,6)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),(1,6)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),(1,6)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),(1,6)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),(1,6)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),(1,6)(2,9,10,22)(11,24)(12,25)(14,26)(17,28)(13,24)(14,26)(17,28)(17,28)(17,$
- $N_{21} = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,25)(14,26)(17,28)(23,26)(27,30), \\ (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(23,30)(25,31)(29,32)]) \\ \cong C2 \times D8 + C_{11} + C_{12} + C_{13} + C_{14} + C_{1$ $N_{22} = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,25)(14,26)(17,28)(23,24)(11,27,24,32)(14,25)(14,25)(14,25)(14,26)(17,28)(23,24)(14,25)($
- $N_{24} = Group([(1,2,6,10)(3,18,13,29)(4,8,15,21)(5,22,16,9)(7,25,19,12)(11,27,24,32)(14,30,26,20)(17,31,28,23),(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(21,30)(21,23)(13,24)(16,26)(17,28)(21,24)(12,23)(13,24)(16,26)(17,28)(12,23)(13,24)(16,26)(17,28)(18,29)(21,24)(12,23)(13,24)(16,26)(17,28)(18,29)(21,24)(12,23)(13,24)(16,26)(17,28)(18,29)(21,24)(12,23)(13,24)(16,26)(17,28)(18,29)(19,24)(1$ $N_{25} = Group([(1,2,6,10)(3,18,13,29)(4,8,15,21)(5,22,16,9)(7,25,19,12)(11,27,24,32)(14,30,26,20)(17,31,28,23),(1,44,6,26)(2,20,10,30)(3,23,13,31)(4,5,15,16)(7,27,19,32)(8,9,21,22)(11,12,24,25)(17,18,28,29),(1,6)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(29,32)]) \\ \cong C2 \times Q8$
- $N_{26} = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,23)(13,24)(16,26)(17,28)(23,26)(27,30), (1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32)]) \cong C2 \times D8$ $N_{27} = Group([(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,25)(14,26)(17,28)(23,26)(27,30), (1,5,6,16)(2,9,10,22)(31,24)(16,26)(17,28)(23,26)(27,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(23,26)(27,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(23,26)(27,30), (1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(17,2$
- $N_{28} = Group([(1,2,6,10)(3,18,13,29)(4,8,15,21)(5,22,16,9)(7,25,19,12)(11,27,24,32)(14,30,26,20)(17,31,28,23),(1,5)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),(1,5)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),(1,5)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),(1,5)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),(1,5)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),(1,5)(4,14,15,26)(7,18,19,29)(8,20,21,30)(11,23,24,31)(17,27,28,32),(1,5)(4,14,15,26)(17,28)(18,29)(20,30)(23,31)(27,32),(1,5)(4,14,15,26)(17,28)(18,29)(20,30)(17,31,28,23),(1,11)(2,17)(3,4)(5,31)(4,15)(5,16)(17,28)(18,29)(20,30)(17,31,28,23),(1,11)(2,17)(3,4)(5,31)(4,15)(5,16)(17,28)(18,29)(20,30)(17,31,28,23),(1,11)(2,17)(3,4)(17,27,28,32),(1,11)(2,17)(3,12,12,12),(1,11)(2,11)($ $N_{29} = Group([(1,2,6,10)(3,18,13,29)(4,8,15,21)(5,22,16,9)(7,25,19,12)(11,27,24,32)(14,30,26,20)(17,31,28,23),(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(18,29)(20,30)(25,31)(27,32),(1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(17,28)(12,23)(13,24)(16,26)(17,28)(18,29)(20,30)(25,31)(27,32),(1,5,6,16)(2,9,10,22)(3,12,13,25)(4,14,15,26)(17,28)(18,29)(19,29)($ $N_{30} = Group([(1,2,6,10)(3,18,13,29)(4,8,15,21)(5,22,16,9)(7,25,19,12)(11,27,24,32)(14,30,26,20)(17,31,28,23),(1,3)(2,7)(4,11)(5,25)(6,13)(8,17)(9,29)(10,19)(12,23)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(18,29)(20,32)(21,28)(23,26)(27,30),(1,5,6,16)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,19)(12,23)(13,24)(16,26)(17,28)(18,29)(20,32)(11,24)(12,23)(13,24)(16,26)(17,28)(18,29)(20,32)(11,24)(12,23)(13,24)(16,26)(17,28)(18,29)(20,32)(11,24)(12,23)(13,24)(16,26)(17,28)(18,29)(20,32)(11,24)(12,23)(13,24)(16,26)(17,28)(18,29)(20,32)(11,24)(12,23)(13,24)(16,26)(17,28)(18,29)(20,32)(11,24)(12,23)(13,24)(16,26)(17,28)(18,29)(20,32)(11,24)(12,23)(13,24)(16,26)(17,28)(18,29)(20,32)(11,24)(12,23)(13,24)(16,26)(17,28)(18,29)(19,24)(19,$ $N_{31} = Group([(1,8,6,21)(2,15,10,4)(3,27,13,32)(5,30,16,20)(7,31,19,23)(5,30,16,20)(7,31,19,23)(5,30,16,20)(7,31,19,23)(5,30,16,20)(7,31,19,23)(5,30,16,20)(7,31,19,23)(14,20,20)(11,24,10,25)(14,20,20)(11,24,10,25)(14,20,20)(11,24,10,25)(14,20,20)(11,24,10,25)(14,20,20)(11,24,20)(11$

 $N_{23} = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(23,26)(27,30)]) \cong C2 \times QD16$

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

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