Ordinary character table of $G \cong (C3 : C4) : C4$:

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

Trivial source character table of $G \cong (C3 : C4) : C4$ at $p = 2$:																	
Normalisers N_i	N ₁	1	N_2	N_3	1	V_4	N_5		N_6		N_7	N_8	N_9	N_{10}	N_{11}	$1 \mid N_{12}$	N_{13}
p-subgroups of G up to conjugacy in G	P_1	1	P_2	P_3	1	P_4	P_5		P_6		P_7	P_8	P_9	P_{10}	P_{11}	$_1 \mid P_{12}$	P_{13}
Representatives $n_j \in N_i$	1a	3a	1a 3a	1a 3a	$a \mid 1a$	3a	1a 3a	$a \mid 1a$	3a	3b	1 <i>a</i>	1a	1a	1a 3a	1a	1a	1 <i>a</i>
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 2 \cdot \chi_{11} + 2 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	16	16	0 0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0
$ \begin{vmatrix} 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} + 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} \end{vmatrix} $	16	-8	0 0	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0
$\boxed{1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}}$	8	8	8 8	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0
	8	-4	8 -4	0 0	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0
$\boxed{1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 2 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}}$	8	8	0 0	8 8	0	0	0 0	0	0	0	0	0	0	0 0	0	0	0
$ \begin{vmatrix} 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} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 1 \cdot \chi_{18} \end{vmatrix} $	8	-4	0 0	8 -	$4 \mid 0$	0	0 0	0	0	0	0	0	0	0 0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 2 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	8	8	0 0	0 0	8	8	0 0	0	0	0	0	0	0	0 0	0	0	0
$ \begin{vmatrix} 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} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} \end{vmatrix} $		-4	0 0	0 0	8	-4	0 0	0	0	0	0	0	0	0 0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	4	4	4 4	4 4	4	4	4 4	0	0	0	0	0	0	0 0	0	0	0
$ \begin{vmatrix} 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} + 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} \end{vmatrix} $	4	-2	4 - 2	4 -	$2 \mid 4$	-2	4 -	$2 \mid 0$	0	0	0	0	0	0 0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$		4	0 0	4 4	0	0	0 0	2	2	2	0	0	0	0 0	0	0	0
$ \begin{vmatrix} 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 0 \cdot \chi_{18} \end{vmatrix} $	4	-2	0 0	4 -	$2 \mid 0$	0	0 0	2	$2 * E(3)^2$	2 * E(3)	0	0	0	0 0	0	0	0
$ \begin{vmatrix} 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 1 \cdot \chi_{18} \end{vmatrix} $		-2	0 0	4 -	$2 \mid 0$	0	0 0	2	2 * E(3)	$2 * E(3)^2$	0	0	0	0 0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	4	4	4 4	0 0	0	0	0 0	0	0	0	4	0	0	0 0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	4	4	4 4	0 0	0	0	0 0	0	0	0	0	4	0	0 0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	4	4	0 0	4 4	0	0	0 0	0	0	0	0	0	2	0 0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$	2	2	2 2	2 2	2	2	2 2	2	2	2	0	0	0	2 2	0	0	0
$ \begin{vmatrix} 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 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} \end{vmatrix} $		-1	2 -1	2 -	$1 \mid 2$	-1	2 -	$1 \mid 2$	-1	-1	0	0	0	2 - 1	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$		2	2 2	2 2	2	2	2 2	0	0	0	2	2	0	0 0	2	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}$		2	2 2	2 2	2	2	2 2	0	0	0	0	0	2	0 0	0	2	0
$\frac{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18}}{1 \cdot \chi_{11} + \chi_{12} + \chi_{13} + \chi_{14} + \chi_{15} + \chi_{15} + \chi_{16} + \chi_{17} + \chi_{18}}$	1	1	1 1	1 1	1	1	1 1	1	1	1	1	1	1	1 1	1	1	1
												$\overline{}$	-			$\overline{}$	

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

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

- $P_7 = Group([(1,2,5,9)(3,19,12,7)(4,8,14,21)(6,24,16,38)(10,31,23,17)(11,32,25,18)(13,45,27,35)(15,37,29,46)(20,28,34,41)(22,42,36,30)(26,48,39,44)(33,40,43,47),(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48)]) \\ \cong C_4 = C_4 + C$
- $P_8 = Group([(1,8,5,21)(2,14,9,4)(3,32,12,18)(6,37,16,46)(7,11,19,25)(10,42,23,30)(13,48,27,44)(15,24,29,38)(17,22,31,36)(20,40,34,47)(26,45,39,35)(28,43,41,33),\\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48)]) \cong C4$
- $P_9 = Group([(1,19,4,32)(2,3,8,11)(5,7,14,18)(6,45,15,48)(9,12,21,25)(10,28,22,40)(13,37,26,24)(16,35,29,44)(17,34,30,43)(20,42,33,31)(23,41,36,47)(27,46,39,38), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(16,29)(17,30)(19,32)(20,33)(23,36)(24,37)(27,39)(28,40)(31,42)(34,43)(35,44)(38,46)(41,47)(45,48)]) \\ \cong C4$ $P_{10} = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(14,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,37)(27,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,3,4,11)(2,7,8,18)(5,12,14,25)(6,13,15,26)(19,21,21)(10,22)(12,23)(10,22,23)(1$
- $P_{11} = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(24,36)(24,37)(27,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2,5,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,22)(12,25)(13,26)(14,36)(24,36)(24,37)(27,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2,5,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,22)(12,25)(13,26)(14,37)(15,29)(17,31)(18,32)(20,34)(22,36)(24,37)(27,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2,5,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,22)(12,25)(13,26)(14,37)(15,29)(17,31)(18,32)(20,34)(22,36)(24,37)(27,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,2,5,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,22)(12,25)(13,26)(13,$ $P_{12} = Group(\dot{1}(1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,22)(12,25)(13,26)(14,32)(20,34)(22,36)(24,37)(27,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,19,4,32)(2,38,41)(5,7,14,18)(6,45,15,48)(9,12,21,25)(10,28,22,40)(13,37,26,24)(16,35,29,44)(17,34,36,47)(27,39)(28,41)(30,42)(33,43)(35,44)(38,46)(41,47)(45,48), (1,19,4,32)(2,38,11)(5,7,14,18)(6,45,15,48)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,37)(27,39)(28,41)(30,42)(33,43)(35,44)(38,46)(41,47)(45,48), (1,19,4,32)(20,34)(22,36)(24,37)(27,39)(28,41)(30,42)(33,43)(35,44)(38,46)(41,47)(45,48), (1,19,4,32)(20,34)(22,36)(24,37)(27,39)(28,41)(30,42)(33,43)(35,44)(38,46)(41,47)(45,48), (1,19,4,32)(20,34)(22,36)(24,37)(27,39)(28,41)(30,42)(33,43)(35,44)(36,47)(27,39)(28,41)(30,42)(33,43)(35,44)(36,47)(27,39)(28,41)(30,42)(33,43)(35,44)(36,47)(27,39)(28,41)(30,42)(33,43)(35,44)(36,47)(27,39)(28,41)(36,47)$
- $P_{13} = Group([(1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,33)(23,36)(24,37)(27,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,33)(23,36)(24,37)(27,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48), (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,33)(23,36)(24,37)(27,39)(28,41)(30,42)(33,43)(35,44)(31,42)(34,43)(35,44)(34,44)(34,44)$

3, 3, 1, 1, 1, 2, 3, 1

 $N_4 = Group([(1,2,5,9)(3,19,12)(10,29)(12,39)(13,49)(24,36,39)(24,37)(27,39)(28,49)(31,42)(33,43)(35,44)(32,36)(24,37)(27,39)(28,49)(31,42)(33,43)(35,44)(32,36)(24,37)(27,39)(28,49)(31,42)(33,43)(35,45)(37,46)(49,47)(48,48)(1,5)(29,42)(19,28)(19,28)(19,29)(19,21)(19,29)(19$ $N_5 = Group([(1,5)(2,9)(3,12)(4,14)(6,15)(7,19)(8,21)(10,22)(12,35)(13,42)(24,36,30)(24,37)(27,39)(28,41)(30,42)(33,43)(35,44)(32,43,43)(35,44)(33,44)(33,44)(33,44)(33,44)(33,44)(33,44)(34,43)(35,44)(34,43)(34,44)(34,44)(34,44)(34,44)(34,44)(34,44)(34,44)(34,44)(34,44)(34,44)(34,44)(34,44)(34,$

1 1 1 1

 $1 \quad 1 \quad 1 \quad -1$

 $2 \quad -1 \quad -1 \quad 0$ $2 \quad -1 \quad -1 \quad 0$

E(4)

-1 1 1 1 -1

-E(4) -1 -1 1 -E(4)

0 -2 2 -2 00 2 -2 -2 0

 $\chi_6 \mid 1 - 1 \quad E(4) \quad -1 \quad 1 \quad 1 \quad -E(4) \quad 1 \quad -E(4) \quad E(4) \quad -1 \quad -1 \quad 1 \quad E(4) \quad -E(4)$

 $\chi_7 \mid 1 \quad 1 \quad -E(4) \quad -1 \quad 1 \quad 1 \quad -E(4) \quad -1 \quad E(4) \quad -E(4) \quad -1 \quad -1 \quad 1 \quad E(4)$

 $\chi_8 \mid 1 \quad 1 \quad E(4) \quad -1 \quad 1 \quad E(4) \quad -1 \quad -E(4) \qquad E(4) \qquad -1 \quad -1 \quad 1 \quad -E(4)$

 $N_6 = Grouv([(1,3,4,11)(2,7,8,18)(5,12,14,25)(13,27)(15,29)(17,31)(18,32)(20,33)(23,36)(24,37)(27,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(43,48)(1,2,47)(38,43,43)(23,34)$ $N_7 = Group([(1,2,5,9)(3,19,12,7)(4,8,14,21)(6,24,16,38)(10,31,23,17)(11,32,25,18)(13,45,27,35)(15,37,29,46)(20,28,34,41)(22,42,36,30)(26,48,39,44)(33,40,43,47),(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36,30)(26,48,39,44)(33,43)(35,45)(37,46)(40,47)(44,48),(1,3,4,11)(2,7,8,18)(24,36,30)(26,48,39,44)(33,43)(35,45)(37,46)(40,47)(44,48),(1,3,4,11)(2,7,8,18)(24,36,30)(26,48,39,44)(33,43)(35,45)(37,46)(40,47)(44,48),(1,3,4,11)(2,7,8,18)(24,36,30)(26,48,39,44)(33,43)(35,45)(37,46)(40,47)(44,48),(1,3,4,11)(2,7,8,18)(24,36,30)(26,48,39,44)(33,43)(35,45)(37,46)(40,47)(44,48),(1,3,4,11)(2,42,36,30)(26,48,39,44)(33,43)(35,45)(37,46)(40,47)(44,48),(1,3,4,11)(2,42,36,30)(26,48,39,44)(33,43)(35,45)(37,46)(40,47)(44,48),(1,3,4,11)(2,42,36,30)(26,48,39,44)(33,43)(35,45)(37,46)(40,47)(44,48),(1,3,4,11)(2,42,36,30)(26,48,39,44)(33,43)(35,45)(37,46)(40,47)(44,48),(1,3,4,11)(2,42,36,30)(26,48,39,44)(33,43)(35,45)(37,46)(40,47)(44,48),(1,3,4,11)(2,42,36,30)(26,48,39,44)(33,43)(35,45)(37,46)(40,47)(44,48),(1,3,4,11)(2,42,36,30)(26,48,39,44)(33,43)(35,45)(37,46)(40,47)(44,48),(1,3,4,11)(2,42,47)(36,48)$

 $N_8 = Group([(1,8,5,21)(2,14,9,4)(3,32,12,18)(6,37,16,46)(24,36,38)(15,24,29,38)(17,22,31,36)(26,48,39,44)(33,43,47,42,47)(34,48,47,41,42,47)(34,47)(34,47,47)(34,47,47)(34,47)(34,47,47)(34,4$ $N_9 = Group([(1,19,4,32)(2,3,8,11)(5,7,14,18)(6,45,15,48)(9,12,21,25)(10,28,24)(16,35,29,44)(17,34,36,47)(27,46,39,38), (1,4)(2,8)(3,11)(5,7,14,18)(6,45,15,48)(9,12,21,25)(10,28,24,40)(13,37,26,24)(16,35,29,44)(17,34,36,47)(27,46,39,38), (1,4)(2,8)(3,11)(5,7,14,18)(6,45,15,48)(9,12,21,25)(10,28,24,40)(13,37,26,24)(16,35,29,44)(17,34,36,47)(27,46,39,38), (1,4)(2,8)(3,11)(5,14)(6,15)(7,18)(9,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(23,43)(35,44)(38,46)(41,47)(45,48)(17,34)(27,48)(17,34)(17$

 $N_{10} = Group([(1,3,4,11)(2,7,8,18)(2,3,41)(2,3,41)(2,3,41)(2,3,41)(2,3,41)(2,3,41)(2,3,41)(2,3,41)(2,3,41)(2,3,41)(2,3,41)(2,3,41)(2,3,41)(2,3,41)(2,3,41)(2,3,41)(2,3,41)(2,3,41)(2,3,41)(3,3,41)(2,3,41)(3,3,41)$ $N_{11} = Group([(1,2,5,9)(3,19,12,7)(4,8,14,21)(6,24,16,38)(10,34,21)(10,22)(12,25)(13,26)(14,34)(24,36,$

 $N_{12} = Group([(1,19,4,32)(2,38)(11)(5,7,14,18)(6,45,15,48)(2,38)(2,38)(11)(5,7,14,18)(6,45,15,48)(2,38)($ $N_{13} = Group([(1,2,5,9)(3,19,12,7)(4,8,14,21)(6,24,35,37,44)(31,41,42,47)(38,45,46,48),(1,3)(24,35,37,44)(31,41,42,47)(38,45,46,48),(1,3)(24,35,37,44)(31,41,42,47)(38,45,46,48),(1,3)(24,35,37,44)(31,41,42,47)(38,45,46,48),(1,3)(24,35,37,44)(31,41,42,47)(38,45,46,48),(1,3)(24,35,37,44)(31,41,42,47)(38,45,46,48),(1,3)(24,35,37,44)(31,41,42,47)(38,45,46,48),(1,3)(24,35,37,44)(31,41,42,47)(38,45,46,48),(1,3)(24,35,37,44)(31,41,42,47)(38,45,46,48),(1,3)(24,35,37,44)(31,41,42,47)(38,45,46,48),(1,3)(24,35,37,44)(31,41,42,47)(38,45,46,48),(1,3)(24,35,37,44)(31,41,42,47)(38,45,46,48),(1,3)(24,35,37,44)(31,41,42,47)(38,45,46,48),(1,3)(24,35,37,44)(31,41,42,47)(38,45,46,48),(1,3)(35,44)(33,43,43)(35,44)(34,44)(34,$

 $\chi_2 \mid 1 - 1 - 1 \quad 1 \quad 1 \quad 1 \quad 1 \quad -1 \quad -1$

 $|\chi_9| 2 0 -2 2 2 -1 0 0 -2$

 $|\chi_{12}| 2 0 0 -2 -2 2 0 0 0$

 $|\chi_{10}|$ 2 0 2 2 2 -1 0 0 2 $|\chi_{11}| 2 0 0 2 -2 2 0 0$

 $| \chi_3 | 1 -1 1 1 1 1 1 -1 -1 1$