Trivial source character table of  $G \cong C2 \times C4 \times S3$  at p = 2:

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

 $P_2 = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48)]) \cong C2$   $P_3 = Group([(1,19)(2,12)(3,9)(4,32)(5,7)(6,45)(8,25)(10,41)(11,21)(13,38)(14,18)(15,48)(16,35)(17,34)(20,31)(22,47)(23,28)(24,27)(26,46)(29,44)(30,43)(33,42)(36,40)(37,39)]) \cong C2$ 

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

$\chi_1$	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
$\chi_2$	1	-1	-1	-1	1	1	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	-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	-1	-1	1	-1	1	-1
$\chi_5$	1	-1	1	1	1	1	-1	-1	-1	1	1	1	1	1	1	-1	-1	-1	1	1	1	1	-1	1
$\chi_6$	1	1	-1	-1	1	1	-1	-1	1	1	-1	-1	-1	-1	1	1	-1	-1	1	1	-1	-1	1	1
$\chi_7$	1	1	-1	1	1	1	-1	1	1	-1	-1	-1	1	1	1	-1	-1	1	-1	-1	-1	1	-1	-1
$\chi_8$	1	1	1	-1	1	1	1	-1	1	-1	1	1	-1	-1	1	-1	1	-1	-1	-1	1	-1	-1	-1
$\chi_9$	1	-1	-1	-E(4)	-1	1	1	E(4)	1	E(4)	1	-1	E(4)	-E(4)	-1	-E(4)	-1	-E(4)	-E(4)	E(4)	1	E(4)	E(4)	-E(4)
$\chi_{10}$	1	-1	-1	E(4)	-1	1	1	-E(4)	1	-E(4)	1	-1	-E(4)	E(4)	-1	E(4)	-1	E(4)	E(4)	-E(4)	1	-E(4)	-E(4)	E(4)
$\chi_{11}$	1	-1	1	-E(4)	-1	1	-1	E(4)	1	-E(4)	-1	1	E(4)	-E(4)	-1	E(4)	1	-E(4)	E(4)	-E(4)	-1	E(4)	-E(4)	E(4)
$\chi_{12}$	1	-1	1	E(4)	-1	1	-1	-E(4)	1	E(4)	-1	1	-E(4)	E(4)	-1	-E(4)	1	E(4)	-E(4)	E(4)	-1	-E(4)	E(4)	-E(4)
$\chi_{13}$	1	1	-1	-E(4)	-1	1	-1	-E(4)	-1	E(4)	1	-1	E(4)	-E(4)	-1	E(4)	1	E(4)	-E(4)	E(4)	1	E(4)	-E(4)	-E(4)
$\chi_{14}$	1	1	-1	E(4)	-1	1	-1	E(4)	-1	-E(4)	1	-1	-E(4)	E(4)	-1	-E(4)	1	-E(4)	E(4)	-E(4)	1	-E(4)	E(4)	E(4)
$\chi_{15}$	1	1	1	-E(4)	-1	1	1	-E(4)	-1	-E(4)	-1	1	E(4)	-E(4)	-1	-E(4)	-1	E(4)	E(4)	-E(4)	-1	E(4)	E(4)	E(4)
$\chi_{16}$	1	1	1	E(4)	-1	1	1	E(4)	-1	E(4)	-1	1	-E(4)	E(4)	-1	E(4)	-1	-E(4)	-E(4)	E(4)	-1	-E(4)	-E(4)	-E(4)
$\chi_{17}$	2	0	-2	2	2	-1	0	0	0	-2	-2	1	2	-1	-1	0	0	0	-2	1	1	-1	0	1
$\chi_{18}$	2	0	-2	-2	2	-1	0	0	0	2	-2	1	-2	1	-1	0	0	0	2	-1	1	1	0	-1
$\chi_{19}$	2	0	2	2	2	-1	0	0	0	2	2	-1	2	-1	-1	0	0	0	2	-1	-1	-1	0	-1
$\chi_{20}$	2	0	2	-2	2	-1	0	0	0	-2	2	-1	-2	1	-1	0	0	0	-2	1	-1	1	0	1
$\chi_{21}$	2	0	-2	-2 * E(4)	-2	-1	0	0	0	2 * E(4)	2	1	2 * E(4)	E(4)	1	0	0	0	-2 * E(4)	-E(4)	-1	-E(4)	0	E(4)
$\chi_{22}$	2	0	-2	2 * E(4)	-2	-1	0	0	0	-2 * E(4)	2	1	-2 * E(4)	-E(4)	1	0	0	0	2 * E(4)	E(4)	-1	E(4)	0	-E(4)
$\chi_{23}$	2	0	2	-2 * E(4)	-2	-1	0	0	0	-2 * E(4)	-2	-1	2 * E(4)	E(4)	1	0	0	0	2 * E(4)	E(4)	1	-E(4)	0	-E(4)
$\chi_{24}$	2	0	2	2 * E(4)	-2	-1	0	0	0	2 * E(4)	-2	-1	-2 * E(4)	-E(4)	1	0	0	0	-2 * E(4)	-E(4)	1	E(4)	0	E(4)
_																								
3.7	3.7	3	7	37 37	3.7	3	7	37 37	$\neg$															
$N_{19}$	$N_2$	$_{20}\mid \Lambda$	21	$N_{22}$ $N_{23}$	$_3 \mid N_2$	$_{24} \mid \Lambda$	$I_{25}$	$N_{26} \mid N_{2'}$	7															

## p-subgroups of G up to conjugacy in GRepresentatives $n_i \in N_i$ $\left| \ 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_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 1 \cdot \chi_{18} + 1 \cdot \chi_{19} + 1 \cdot \chi_{22} + 1 \cdot \chi_{23} + 1 \cdot \chi_{24} \right| \ 16 \ -8 \ \left| \ 0 \ \ 0 \ \ \right| \ 0 \ \left| \ 0 \ \ \ 0 \ \ 0 \ \ \ 0 \ \ 0 \ \ 0 \ \ 0 \ \ \ 0 \ \ \ 0 \ \ \ 0 \ \ \ 0 \ \ \ 0 \ \ \$ $1\cdot \chi_1 + 1\cdot \chi_2 + 1\cdot \chi_3 + 1\cdot \chi_4 + 1\cdot \chi_5 + 1\cdot \chi_6 + 1\cdot \chi_7 + 1\cdot \chi_8 + 0\cdot \chi_9 + 0\cdot \chi_{10} + 0\cdot \chi_{11} + 0\cdot \chi_{12} + 0\cdot \chi_{13} + 0\cdot \chi_{14} + 0\cdot \chi_{15} + 0\cdot \chi_{16} + 0\cdot \chi_{17} + 0\cdot \chi_{18} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{19} + 0\cdot \chi_{1$ $1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot$ $\left| \ 0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 1 \cdot \chi_{21} + 0 \cdot \chi_{21} +$ $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 0 \cdot$ $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 0 \cdot$ $\frac{1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}}{4 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} + 0 \cdot \chi_{19} + 0 \cdot$ $\frac{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_1 + 0 \cdot \chi_{11} + 0 \cdot \chi_{$ $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 0 \cdot$ $1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 0 \cdot$ $\left| \ 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} + 1 \cdot \chi_{18} + 1 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24} \right| \ 4 \ -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 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ | \ 0 \ |$ $1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{21} + 0 \cdot$ $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} + 0\cdot \chi_{19} + 0\cdot \chi_{20} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{21} + 0\cdot \chi_{22} + 0\cdot \chi_{23} + 0\cdot \chi_{24} + 0\cdot \chi_{2$

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P_{7} = 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_{9} = 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)(30,47)(33,36)(35,38)(37,48)(40,42)(44,46)]) \cong C2
P_{10} = 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)(30,47)(33,36)(35,38)(37,48)(40,42)(44,46)]) \cong C2
P_{11} = Group([(1,12)(2,19)(3,5)(4,25)(6,27)(7,9)(8,32)(10,34)(11,14)(13,16)(15,39)(17,41)(18,21)(20,23)(22,43)(24,45)(26,29)(28,31)(30,47)(33,36)(35,38)(37,48)(40,42)(44,46),(1,9)(2,5)(3,19)(4,21)(15,37)(16,38)(20,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,49)(33,40)(34,41)(36,42)(39,48)(43,47)]) \cong C2 \times C2
P_{12} = Group([(1,12)(2,19)(3,5)(4,25)(6,27)(7,9)(8,32)(10,34)(11,14)(13,16)(15,39)(17,41)(18,21)(20,23)(22,43)(24,45)(26,29)(28,31)(30,47)(33,36)(35,38)(37,48)(40,42)(44,46),(1,9)(2,5)(3,19)(4,21)(15,37)(4,8)(5,9)(6,24)(10,17)(11,18)(12,19)(13,35)(14,21)(15,37)(16,38)(29,28)(22,30)(23,31)(25,32)(26,44)(27,45)(29,46)(33,40)(34,47)(39,48)(43,47)]) \cong C2 \times C2
P_{13} = 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),(1,7)(2,31)(4,45)(16,47)(12,24)(24,48)(48,47)(14,48),(1,18,21)(24,48)(48,47)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,48),(1,18,21)(14,48)(14,
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 $P_{20} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(27,34,36)(24,44,38,48)(28,30,41,42)(35,37,45,46)(17,19,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,44,38,48)(28,30,41,42)(35,37,45,46)(17,19,25)(17,31)(18,32)(20,34)(21,34,47)(20,23,43)(20,34)(21,34,47)(20,23,43)(20,34)(21,34,47)(20,23,43)(20,34)(21,34,47)(20,23,43)(20,34)(21,34,47)(20,23,43)(20,34)(21,34,47)(20,23,43)(20,34)(21,34,47)(20,23,43)(20,34)(21,34,47)(20,23,43)(20,34)(21,34,47)(20,23,43)(20,34,47)(20$ 

 $P_{21} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(13,24)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(24,47)(46,48),(1,3,2)(2,33)(23,34)(24,35)(29,39)(30,40)(31,41)(36,43)(37,44)(38,45)(42,47)(46,48),(1,3,2)(6,37,16,46)(7,11,19,25)(10,30,23,42)(13,44,27,48)(15,38,29,24)(17,22,31,36)(20,40,34,47)(26,45,39,35)(28,33,41,43)]) \cong C4 \times C2$   $P_{22} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(13,27)(15,29)(17,31)(18,32)(20,34)(22,36)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48),(1,4,5,14)(2,89,21)(3,11,12,25)(6,15,16,29)(7,18,19,32)(10,22,23,36)(13,26,27,39)(17,30,31,42)(20,33,44)(24,37,38,46)(24,37,38,46)(24,37,38,46)(24,37,38,46)(24,37,38,46)(24,37,38,46)(24,37,38,46)(24,37,38,46)(24,37,38,46)(24,37,38,46)(24,37,38,46)(24,37,38,46)(24,37,38,46)(24,37,38,46)(24,37,38,46)(24,37,38,46)(24,37,38,46)(24,38,48)(24,37,38,46)(24,38,48)(24,37,38,46)(24,38,48)(24,37,38,46)(24,38,48)(24,37,38,46)(24,38,48)(24,37,38,46)(24,38,48)(24,37,38,46)(24,38,48)(24,37,38,46)(24,38,48)(24,37,38,46)(24,38,48)(24,37,38,46)(24,38,48)(24,37,38,46)(24,38,48)(24,37,38,46)(24,38,48)(24,37,38,46)(24,38,48)(24,37,38,46)(24,38,48)(24,37,38,46)(24,38,48)(24,37,38,46)(24,38,48)(24,37,38,46)($ 

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

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

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

 $P_{26} = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(10,23)(11,25)(6,15,16,29)(7,18,19,32)(10,22,33,66)(24,38)(26,39)(28,41)(30,42)(33,43)(35,45)(37,46)(40,47)(44,48),(1,4,5,14)(2,8,9,21)(3,11,12,25)(6,15,16,29)(7,18,19,32)(10,22,23,36)(13,24,27,39)(17,30,31,42)(20,33,34,43)(24,37,38,46)(28,40,41,47)(35,44,45,48),(1,7)(2,3)(4,18)(5,19)(6,35)(8,11)(9,12)(10,28)(13,24)(14,32)(15,24)(14,32)(14,3$ 

 $N_{17} = Group([1, 1, 5, 1, 4)(2, 8, 3)(1, 2, 3)(1, 2, 3)(1, 2, 3)(1, 2, 3)($