The group G is isomorphic to the group labelled by [32, 47] in the Small Groups library Ordinary character table of  $G \cong C2 \times C2 \times Q8$ :  $\mid \chi_{18} \mid 2 \quad 0 \quad 0 \quad -2 \quad 2 \quad -2 \quad 0 \quad 0 \quad 0 \quad 0 \quad 0 \quad -2 \quad 2 \quad -2 \quad 0 \quad 0 \quad 0 \quad 2 \quad 0$ Trivial source character table of  $G \cong C2 \times C2 \times Q8$  at p = 2: p-subgroups of  $\overline{G}$  up to conjugacy in  $\overline{G}$  $1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + \overline{0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 2 \cdot \chi_{17} + 0 \cdot \chi_{17} + 2 \cdot \chi_{17} + 0 \cdot \chi_{17} + 2 \cdot \chi_{17} + 2$  $1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 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\chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_1 + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} +$  $\cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 0 \cdot \chi_$  $1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 0 \cdot$  $\cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_$  $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot$  $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot$  $\frac{1}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_1 + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} +$  $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot$  $\cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} \begin{vmatrix} 2 & 0 & 0 & 2 & 2 & 2 & 0 & 0 & 0 & 2 \end{vmatrix}$  $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot$  $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot$  $.\cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi$  $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot$  $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot$  $.\cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi$  $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_1 + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot$  $. \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot$  $\frac{1}{1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} +$  $1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 0 \cdot$  $1\cdot \chi_1 + 0\cdot \chi_2 + 0\cdot \chi_3 + 0\cdot \chi_4 + 0\cdot \chi_5 + 0\cdot \chi_6 + 0\cdot \chi_7 + 0\cdot \chi_8 + 0\cdot \chi_7 + 0\cdot \chi_8 + 0\cdot \chi_7 + 0\cdot \chi_{10} + 0\cdot \chi_{11} + 0\cdot \chi_{12} + 0\cdot \chi_{13} + 0\cdot \chi_{14} + 0\cdot \chi_{15} + 0\cdot \chi_{16} + 0\cdot \chi_{17} + 0\cdot \chi_{18} + 0\cdot \chi_{19} + 0\cdot \chi_{10} + 0\cdot \chi_{11} + 0\cdot \chi_{12} + 0\cdot \chi_{13} + 0\cdot \chi_{14} + 0\cdot \chi_{17} + 0\cdot \chi_{18} + 0\cdot \chi_{19} + 0$  $P_2 = Group([(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,23)(13,25)(15,26)(17,27)(19,29)(21,30)(24,31)(28,32)]) \cong \mathbb{C}_2$ 

 $P_{37} = 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)(14,26)(17,28)(14,26,21)(12,25)(14,26)(17,28)(14,26,21)(12,25)(14,26)(17,28)(14,26,21)(12,26)(14,26,26)(14,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(14,26,26)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(1$  $P_{39} = 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), \\ (1,9,6,22)(2,16,10,5)(3,29,13,18)(4,20,15,30)(7,12,19,25)(8,26,21,14)(11,32,24,27)(17,23,28,31), \\ (1,9,6,22)(2,16,10,5)(3,29,13,18)(4,20,15,30)(7,12,19,25)(8,26,21,14)(11,32,24,27)(17,23,28,31), \\ (1,9,6,22)(2,16,10,5)(3,29,13,18)(4,20,15,30)(7,12,19,25)(8,26,21,14)(11,32,24,27)(17,23,28,31), \\ (1,9,6,22)(2,16,10,5)(3,29,13,18)(4,20,15,30)(7,12,19,25)(8,26,21,14)(11,32,24,27)(17,23,28,31), \\ (1,9,6,22)(2,16,10,5)(3,29,13,18)(4,20,15,30)(2,30,12,19,25)(2,16,10,5)(2,12,19,25)(2,16,10,5)(2,12,19,25)(2,16,10,5)(2,12,19,25)(2,16,10,5)(2,12,19,25)(2,16,10,5)(2,12,19,25)(2,16,10,5)(2,12,19,25)(2,16,10,5)(2,12,19,25)(2,16,10,5)(2,12,19,25)(2,16,10,5)(2,12,19,25)(2,16,10,5)(2,12,19,25)(2,16,10,5)(2,12,19,25)(2,16,10,5)(2,12,19,25)(2,16,10,5)(2,12,19,25)(2,16,10,5)(2,12,19,25)(2,16,10,5)(2,12,19,25)(2,16,10,5)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,19,25)(2,12,19,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25)(2,12,19,25$  $P_{41} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,9,6,7)(2,3,10,13)(4,28,15,17)(5,29,16,18)(8,11,21,24)(9,12,22,25)(14,32,26,27)(20,23,30,31)]) \cong \mathbb{Q}8$  $P_{42} = 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), \\ (1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20), \\ (1,2,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20), \\ (1,2,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20), \\ (1,2,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20), \\ (1,2,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20), \\ (1,2,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20), \\ (1,2,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,21)(2,23,12,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,12)(2,23,$  $P_{43} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(8,17,21,28)(9,18,22,29)(14,23,26,31)(20,27,30,32)]) \cong C4 \times C2$  $P_{46} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,8,6,21)(2,15,10,4)(3,28,13,17)(5,29,16,18)(8,11,21,24)(9,12,22,25)(14,32,26,27)(20,23,30,31)]) \cong \mathbb{Q}8$  $P_{47} = 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)(5,23,16,31)(7,21,19,8)(9,27,22,32)(12,26,25,14)(18,30,29,20), \\ (1,26,25,14)(18,30,29,20), (1,26,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,26,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,26,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,26,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,26,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,26,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,26,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,26,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,26,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,26,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,26,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,26,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,26,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,26,25)(14,26)(17,28)(18,29)(17,28)(18,29)(17,28)(18,29)(17,28)(18,29)(17,28)(18,29)(17,28)(18,29)(17,28)(18,29)(17,28)(18,29)(17,28)(18,29)(17,28)(18,29)(17,28)(18,29)(17,28)(18,29)(17,28)(18,29)(17,28)(18,29)(17,28)(18,29)(17,28)(18,29)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)$  $P_{49} = 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), \\ (1,29,6,18)(2,12,10,25)(3,22,13,9)(4,32,15,27)(5,19,16,7)(8,23,21,31)(11,30,24,20)(14,28,26,17), \\ (1,29,6,18)(2,12,10,25)(3,22,13,9)(4,32,15,27)(5,19,16,7)(8,23,21,31)(11,30,24,20)(14,28,26,17), \\ (1,29,6,18)(2,12,10,25)(3,22,13,9)(4,32,15,27)(5,19,16,7)(8,23,21,31)(11,30,24,20)(14,28,26,17), \\ (1,29,6,18)(2,12,10,25)(3,22,13,9)(4,32,15,27)(5,19,16,7)(8,23,21,31)(11,30,24,20)(14,28,26,17), \\ (1,29,6,18)(2,12,10,25)(3,22,13,9)(4,32,15,27)(5,19,16,7)(8,23,21,31)(11,30,24,20)(14,28,26,17), \\ (1,29,6,18)(2,12,10,25)(3,22,13,9)(4,32,15,27)(5,19,16,7)(8,23,21,31)(11,30,24,20)(14,28,26,17), \\ (1,29,6,18)(2,12,10,25)(3,22,13,9)(4,32,15,27)(5,19,16,17)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(25,31)(27,32), \\
(1,29,6,18)(2,12,10,25)(3,22,13,9)(4,32,15,27)(5,19,16,17)(12,23)(13,24)(16,26)(18,27)(19,28)(12,23)(12,23)(12,23)(12,23)(13,24)(16,26)(18,27)(19,28)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12,23)(12$  $P_{50} = 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), \\ (1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20), \\ (1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20), \\ (1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20), \\ (1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20), \\ (1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20), \\ (1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20), \\ (1,12,6,25)(2,18,10,29)(3,16,13,17)(5,20,16,13)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(11,26,24,14)(12,25)(12,26,24,14)(12,25)(12,26,24,14)(12,25)(12,26,24,14)(12,25)(12,26,24,14)(12,25)(12,26,24,14)(12,25)(12,26,24,14)(12,25)(12,26,24,14)(12,26,24,14)(12,26,24,14)(12,26,24,14)(12,26,24,14)(12,26,24,14)(12,26,24,14)(12,26,24,14)(12,26,24,14)(12,26,24,14)(12,26,24,14)(12,26,24,14)(12,26,24,14)(12,26,24,14)(12,26,24,14)(12,26,24,14)(12,26,24,14$  $P_{51} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), (1,29,6,18)(2,12,10,25)(3,22,13,9)(4,32,15,27)(5,19,16,7)(8,23,21,31)(11,30,24,20)(14,28,26,17), (1,8,6,21)(2,15,10,4)(3,28,13,17)(5,20,16,30)(7,11,19,24)(9,26,22,14)(12,32,25,27)(18,23,29,31)]) \cong \mathbb{Q}_{8}$  $P_{52} = 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), \\ (1,20,6,30)(2,26,10,14)(3,32,13,27)(4,9,15,22)(5,8,16,21)(7,23,19,31)(11,29,24,18)(12,28,25,17), \\ (1,19,6,7)(2,3,10,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(17,29,24,18)(12,28,25,17), \\ (1,19,6,7)(2,3,10,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(17,29,24,18)(11,29,24,18)(12,28,25,17), \\ (1,19,6,7)(2,3,10,13)(4,15)(5,16)(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)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,28)(12,$  $P_{53} = 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),\\ (1,23,6,31)(2,27,10,32)(3,26,13,14)(4,12,15,25)(5,11,16,24)(7,30,19,20)(8,18,21,29)(9,17,22,28),\\ (1,24,6)(17,28)(18,29)(19,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11,28)(11$  $P_{54} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(4,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,9,6,22)(2,16,10,5)(3,29,13,18)(4,19,15,7)(5,32,16,27)(9,23,22,31)(12,30,25,20)(14,29,26,18)]) \\ \cong Q_{8} = Q_{10} + Q_{1$  $P_{55} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,29,6,18)(2,17,10,28)(3,15,13,4)(5,23,16,31)(7,21,19,8)(9,27,22,32)(12,26,25,14)(18,30,29,20)]) \cong Q8$  $P_{56} = 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),\\ (1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20),\\ (1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20),\\ (1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20),\\ (1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20),\\ (1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(12,26,24,14)(17,30,28,20),\\ (1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(12,26,24,14)(17,30,28,20),\\ (1,12,6,25)(2,18,10,29)(3,16,13,20)(2,18,10,29)(3,16,13,20)(2,18,10,29)(3,16,13,20)\\ (1,12,6,25)(2,18,10,29)(3,16,13,20)(2,18,10,29)(3,16,13,20)\\ (1,12,6,25)(2,18,10,29)(3,16,13,20)\\ (1,12,6,25)(2,18,10,29)(3,16,13,20)\\ (1,12,6,25)(2,18,10,29)(3,16,13,20)\\ (1,12,6,25)(2,18,10,29)(3,16,13,20)\\ (1,12,6,25)(2,18,10,29)(3,16,13,20)\\ (1,12,6,25)(2,18,10,29)(3,16,13,20)\\ (1,12,6,25)(2,18,10,29)(3,16,13,20)\\ (1,12,6,25)(2,18,10,29)(3,16,13,20)\\ (1,12,6,25)(2,18,10,29)(3,16,13,20)\\ (1,12,6,25)(2,18,10,29)(3,16,13,20)\\ (1,12,6,25)(2,18,10,29)(3,16,13,20)\\ (1,12,6,25)(2,18,10,29)(3,16,13,20)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\
(1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,18,10,29)\\ (1,12,6,25)(2,1$  $P_{58} = 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), \\ (1,20,6,30)(2,26,10,14)(3,32,13,27)(4,9,15,22)(5,8,16,21)(7,23,19,31)(11,29,24,18)(12,28,25,17), \\ (1,36,32)(2,7,10,19)(4,11,15,24)(5,12,16,25)(8,17,21,28)(9,18,22,29)(14,23,26,31)(20,27,30,32)] \cong Q_{8} = Q_{10}(11,12,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12,12)(11,12)(11,12,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11,12)(11$  $P_{59} = 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)(2,20)(3,23)(4,5)(6,26)(7,27)(8,9)(10,30)(11,12)(13,31)(15,16)(17,18)(19,32)(21,22)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25$  $P_{60} = 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), \\ (1,9,6,22)(2,16,10,5)(3,29,13,18)(4,20,15,30)(7,12,19,25)(8,26,21,14)(11,32,24,27)(17,23,28,31), \\ (1,11,6,24)(2,17,10,28)(3,15,13,4)(5,23,16,31)(7,21,19,8)(9,27,22,32)(12,26,25,14)(18,30,29,20)]) \cong QS(3,13,13)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,14,15)(1,13,1$  $P_{61} = 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)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,28)(18,29)(20,30)(23,31)(27,32), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(12,25)(14,26)(17,28)(18,29)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(11,24)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(19,22)(1$  $P_{62} = 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)(3,28,13,17)(5,20,16,30)(7,11,19,24)(9,26,22,14)(12,32,25,27)(18,23,29,31), \\ (1,8,6,21)(2,15,10,4)(3,28,13,17)(5,20,16,30)(7,11,19,24)(9,26,22,14)(12,32,25,27)(18,23,29,31), \\ (1,8,6,21)(2,15,10,4)(3,28,13,17)(5,20,16,30)(7,11,19,24)(9,26,22,14)(12,32,25,27)(18,23,29,31), \\ (1,8,6,21)(2,15,10,4)(3,28,13,17)(5,20,16,30)(7,11,19,24)(9,26,22,14)(12,32,25,27)(18,23,29,31), \\ (1,8,6,21)(2,15,10,4)(3,28,13,17)(5,20,16,30)(7,11,19,24)(9,26,22,14)(12,32,25,27)(18,23,29,31), \\
(1,8,6,21)(2,15,10,4)(3,28,13,17)(5,20,16,30)(2,13,17)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,10,19)(2,1$  $P_{63} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(11,24)(12,25)(14,26)(17,28)(23,31)(27,32), (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)($  $P_{64} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), \\ (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)(14,28)$  $P_{65} = 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)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(12,26)(13,24)(12,25)(14,26)(17,28)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(13,24)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)$  $P_{66} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,5)(27,32)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)$  $P_{67} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(11,24)(12,25)(14,26)(17,28)(23,31)(27,32), (1,12,6,25)(2,18,10,29)(23,31)(27,32), (1,12,6,25)(2,18,10,29)(23,31)(27,32),
(1,12,6,25)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,12)(21,1$  $P_{68} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), \\ (1,11,6,24)(2,17,10,28)(3,15,13,4)(5,23,16,31)(7,21,19,8)(9,27,22,32)(12,26,25,14)(18,30,29,20), \\ (1,12,6)(17,27)(19,29)(21,30)(24,31)(28,32)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), \\ (1,11,6,24)(2,17,10,28)(3,15,13,4)(5,23,16,31)(7,21,19,8)(9,27,22,32)(12,26,25,14)(18,30,29,20), \\ (1,12,6)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(11,24)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(1$  $P_{69} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,27)(8,9)(12,25)(14,26)(17,28)(13,27)(12,25)(14,26)(17,28)(13,27)(12,26,24)(13,27)(12,26,24)(13,27)(12,26,24)(13,27)(12,26,24)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(13,27)(1$  $P_{70} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(23,31)(27,32), \\ (1,3)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(23,31)(27,32), \\ (1,3)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(23,31)(27,32), \\ (1,3)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(1$  $P_{71} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(11,24)(12,25)(14,26)(17,28)(23,31)(27,32),
(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(8,17,21,28)(9,13,24)(11,24)(12,25)(14,26)(17,28)(13,24)(11,24)(12,25)(14,26)(17,28)(13,24)(11,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)($  $P_{72} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,35)(15,26)(17,27)(19,29)(21,30)(24,31)(28,32), \\ (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,28)(18,29)(14,23,26,31)(29,27,30,32), \\ (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,28)(18,29)(14,23,26,31)(29,27,30,32), \\ (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,28)(14,24)(12,25)(14,26)(17,28)(18,29)(14,24)(12,25)(14,26)(17,28)(18,29)(14,24)(12,25)(14,26)(17,28)(18,29)(14,24)(12,25)(14,26)(17,28)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,$  $P_{73} = 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)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(13,24)(12,25)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)($  $P_{74} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(23,31)(27,32), (1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,21)(9,22)(11,24)(12,25)(14,26)(17,28)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,4)(2,8)(3,11)(5,14)(6,16)(7,18)(8,21)(12,23)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(18,29)(21,30)(24,31)(28,32), (1,4)(2,8)(3,11)(5,14)(6,16)(7,18)(8,21)(12,23)(13,24)(16,26)(17,28)(18,29)(21,30)(24,31)(28,32), (1,4)(28,32)(11,24)(12,23)(13,24)(16,26)(17,28)(18,29)(21,30)(24,31)(28,32), (1,4)(28,32)(11,24)(12,23)(13,24)(16,26)(17,28)(18,29)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)$  $P_{75} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(11,24)(12,25)(14,26)(17,28)(13,24)(16,26)(18,27)(19,28)(23,30)(23,31)(27,32), \\ (1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20), \\ (1,12,6,25)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(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)(23,30)(23,31)(27,32), \\
(1,12,6,25)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17$  $P_{76} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(28,32), (1,11,6,24)(2,17,10,28)(3,15,13,4)(5,23,16,31)(7,21,19,8)(9,27,22,32)(12,26,25,14)(12,32,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,2$  $P_{77} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,27)(8,9)(12,25)(14,26)(17,28)(13,24)(17,26)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(13,24)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)$  $P_{78} = Group([(1,6)(2,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,25)(14,26)(17,27)(19,29)(21,30)(23,31)(27,32), (1,2,6,13)(2,7,10,19)(4,11,15,24)(5,16,12)(17,28)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,$ 

 $F_{\theta} = Group[(1,2,6,10)(3,10,3,1),(1,4)(1,4)(1,1,2)(1,1,4)(1,2,2)(1,4,2,3,1),(1,2,1)(1,4)(1,2,2)(1,3,1,3)(1,4,3)(1,3)(1,3,1)(1,4,1)(1,3)(1,3)(1,3,2)(1,4,2)(1,3)(1,3,2)(1,3,3)(1,3,2)(1,3,2)(1,3,3)(1,3,2)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)(1,3,3)$ 

 $N_{15} = Group([(1,15)(2,21)(3,24)(4,6)(5,26)(7,28)(8,10)(9,30)(11,13)(12,31)(14,16)(17,32)(18,19)(20,21)(23,24)(27,28), \\ (1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,28,24,17)(12,29,25,18)(14,20,26,30)(23,32,31,27), \\ (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(8,17,21,28)(9,18,22,29)(14,23,26,31)(20,27,30,32)] \cong C2 \times C2 \times Q8$  $N_{16} = Group([(1,14)(2,20)(3,23)(4,5)(6,26)(7,27)(8,9)(10,30)(11,12)(13,31)(15,16)(17,18)(19,22)(21,22)(24,25)(28,29), \\ (1,2,6)(1,2,2)(24,25)(28,29)(14,23,26,31)(27,32)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(19,22)(11,24)(12,23)(13,24)(16,26)(17,28)(19,22)(11,24)(12,23)(13,24)(16,26)(17,28)(19,22)(11,24)(12,23)(13,24)(16,26)(17,28)(19,22)(11,24)(12,23)(13,24)(16,26)(17,28)(19,22)(11,24)(12,23)(13,24)(16,26)(17,28)(19,22)(11,24)(12,23)(13,24)(16,26)(17,28)(19,22)(11,24)(12,23)(13,24)(16,26)(17,28)(19,22)(11,24)(12,23)(13,24)(16,26)(17,28)(19,22)(11,24)(12,23)(13,24)(16,26)(17,28)(19,22)(11,24)(12,23)(13,24)(16,26)(17,28)(19,22)(11,24)(12,23)(13,24)(16,26)(17,28)(19,22)(11,24)(12,23)(13,24)(16,26)(17,28)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,24)(19,$  $N_{17} = Group([(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(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)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(1$  $N_{18} = Group([(1,9,6,22)(2,16,10,5)(3,29,13,18)(4,20,15,30)(7,12,19,25)(8,26,21,14)(11,32,24,27)(17,23,28,31),(1,6)(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)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)($  $N_{19} = Group([(1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(23,31)(27,32), (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,27)(19,29)(21,30)(24,31)(29,32), (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,27)(19,29)(21,30)(24,31)(29,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,13)(27,32), (1,3,6,$  $N_{20} = Group([(1,19,6,7)(2,3,10,13)(4,28,15,17)(5,29,16,18)(21,24)(12,25)(14,26)(17,27)(19,29)(21,30)(23,31)(27,32), (1,2,6,10)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,28)(13,24)(16,26)(17,27)(19,29)(21,30)(23,31)(27,32), (1,2,6,10)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(23,31)(27,32),
(1,2,6,10)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(11,24)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(12,25)(1$  $N_{21} = Group([(1,11,6,24)(2,17,10,28)(3,15,13,4)(5,23,16,31)(7,21,19,8)(9,27,22,32)(12,26,25,14)(18,29)(20,30)(23,31)(27,32), (1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(12,25)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,2$  $N_{22} = Group([(1,20,6,30)(2,26,10,14)(3,32,13,27)(4,9,15,22)(5,8,16,21)(7,23,13,27)(4,9,15,22)(5,8,16,21)(7,23,13,27)(4,9,15,22)(5,8,16,21)(7,23,13,27)(4,9,15,22)(5,8,16,21)(7,23,13,27)(4,9,15,22)(5,8,16,21)(7,23,13,27)(4,9,15,22)(5,8,16,21)(7,23,13,27)(4,9,15,22)(5,8,16,21)(7,23,13,27)(1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(22,30)(23,31)(27,32)(11,24)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(12,25)(14,26)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)$  $N_{23} = Group([(1,8,6,21)(2,15,10,4)(3,28,13,17)(5,20,16,30)(7,11,19,24)(9,26,22,14)(12,32,25,27)(18,23,29,31),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,5)(29,21)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)(21,24)($  $N_{24} = Group([(1,29,6,18)(2,12,10,25)(3,22,13,9)(4,32,15,27)(5,19,16,7)(4,22,23)(14,26,17)(1,29,25,18)(14,20,26,30)(23,31,27),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26,17)(1,29,25,18)(14,20,26,30)(23,31,27),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26,17)(12,29,25,18)(14,20,26,30)(23,31,27),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26,17)(12,29,25,18)(14,20,26,30)(23,31,27),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26,17)(12,29,25,18)(14,20,26,30)(23,31,27),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26,17)(14,20,26,30)(23,31,27),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26,17),(1,3,6,13)(2,7,10,19)(4,11,15,24)(14,20,26,30)(23,31,27),(1,3,6,13)(2,7,10,19)(4,11,15,24)(14,20,26,30)(23,31,27),(1,3,6,13)(2,7,10,19)(4,11,15,24)(14,20,26,30)(23,31,27),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,20,16,26)(14,20,26,30)(23,31,27),(1,3,6,13)(2,7,10,19)(4,11,15,24)(14,20,26,30)(23,31,27),(1,3,6,13)(2,7,10,19)(4,11,15,24)(14,20,26,30)(23,31,27),(1,3,6,13)(2,7,10,19)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,13)(23,31,27),(1,3,6,$  $N_{25} =
Group([(1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20),(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),(1,26,24,14)(17,30,28,20),(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),(1,26,24,14)(17,30,28,20),(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),(1,26,24,14)(17,30,28,20),(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),(1,26,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(23,24)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)($  $N_{26} = Group([(1,23,6,31)(2,27,10,32)(3,26,13,14)(4,12,15,25)(5,11,16,24)(7,30,19,20)(11,24)(12,25)(14,26,10)(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), \\ (1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(23,30)(25,31)(27,32), \\ (1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(23,30)(25,31)(27,32), \\ (1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(23,30)(25,31)(27,32), \\ (1,2,6,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15$  $N_{27} = Group([(1,32,6,27)(2,23,10,31)(3,30,13,20)(4,29,15,18)(5,28,16,17)(7,14,19,26)(8,12,21,25)(9,11,22,24),(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)(21,30)(23,31,27),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(8,17,21,28)(9,18,22,29)(14,23,26,31)(27,32),(1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(18,27)(19,28)(21,23)(13,24)(16,26)(18,27)(19,28)(11,24)(12,23)(13,24)(16,26)(18,27)(19,28)(11,24)(12,23)(13,24)(16,26)(18,27)(19,28)(11,24)(12,23)(13,24)(16,26)(18,27)(19,28)(11,24)(12,23)(13,24)(16,26)(18,27)(19,28)(11,24)(12,23)(13,24)(16,26)(18,27)(19,28)(11,24)(12,23)(13,24)(16,26)(18,27)(19,28)(11,24)(12,23)(13,24)(16,26)(18,27)(19,28)(11,24)(12,23)(13,24)(16,26)(18,27)(19,28)(11,24)(12,23)(13,24)(16,26)(18,27)(19,28)(11,24)(12,23)(13,24)(16,26)(18,27)(19,28)(11,24)(12,23)(13,24)(16,26)(18,27)(19,28)(11,24)(12,23)(13,24)(16,26)(18,27)(19,28)(11,24)(12,23)(13,24)(16,26)(18,27)(19,28)(11,24)(12,23)(13,24)(16,26)(18,27)(19,28)(11,24)(12,23)(13,24)(16,26)(18,27)(19,28)(11,24)(12,23)(13,24)(16,26)(18,27)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(11,24)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)$  $N_{28} = Group([(1,8,6,21)(2,15,10,4)(3,28,13,17)(5,20,16,30)(7,11,19,24)(9,26,22,14)(12,32,25,27)(18,23,29,31),(1,9,6,22)(2,16,10,5)(3,29,13,18)(4,20,15,30)(7,12,19,25)(8,26,21,14)(11,32,24,27)(17,23,28,31),(1,9,6,22)(2,16,10,5)(3,29,13,18)(4,20,15,30)(7,12,19,25)(8,26,21,14)(11,32,24,27)(17,23,28,31),(1,9,6,22)(2,16,10,5)(3,29,13,18)(4,20,15,30)(7,12,19,25)(8,26,21,14)(11,32,24,27)(17,23,28,31),(1,9,6,22)(2,16,10,5)(3,29,13,18)(4,20,15,30)(7,12,19,25)(8,26,21,14)(11,32,24,27)(17,23,28,31),(1,9,6,22)(11,24)(12,25)(14,26,10)(3,19,13,7)(4,8,15,21)(5,10,14)(11,32,24,27)(17,23,28,31),(1,9,6,22)(11,24)(12,25)(14,26,10)(3,19,13,7)(4,8,15,21)(5,10,14)(11,32,24,27)(17,23,28,31),(1,9,6,22)(11,24)(12,25)(14,26,10)(13,24,12)(12,25)(14,26,10)(13,24,12)(12,25)(14,26,10)(13,24,12)(12,25)(14,26,10)(13,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12)(14,24,12$  $N_{29} = Group([(1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,5)(2,9)(3,12)(4,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,5)(2,9)(21,30)(24,31)(27,32), (1,5)(2,9)(21,30)(24,31)(27,32), (1,5)(2,9)(21,30)(24,31)(27,32), (1,5)(2,9)(21,30)(24,31)(27,32),
(1,5)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,32)(27,3$  $N_{30} = Group([(1,11,6,24)(2,17,10,28)(3,15,13,4)(5,23,16,31)(7,21,19,8)(9,27,22,32)(12,26,25,14)(18,29,29)(14,23,26,31)(27,32), (1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,28,24,17)(12,29,25,18)(14,20,26,31)(27,32), (1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,28,24,17)(12,29,25,18)(14,20,26,31)(27,32), (1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,28,24,17)(12,29,25,18)(14,20,26,31)(27,32), (1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,28,24,17)(12,29,25,18)(14,20,26,31)(27,32), (1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,28,24,17)(12,29,25,18)(14,20,26,31)(27,32), (1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,28,24,17)(12,29,25,18)(14,20,26,31)(27,32), (1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,28,24,17)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(12,29,25,18)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31)(14,20,26,31$  $N_{31} = Group([(1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,28)(24,37)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(23,31)(27,32), \\ (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,20)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(29,32), \\ (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,20)(17,27)(19,29)(21,30)(24,31)(29,32), \\ (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,20)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(29,32), \\ (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,20)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(29,32), \\ (1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,20)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,24)(17,$  $N_{32} = Group([(1,11,6,24)(2,17,10,28)(3,15,13,4)(5,23,16,31)(7,21,19,8)(9,27,22,32)(12,26,25,14)(18,30,29,20),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,22)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,2,6,10)(3,13)(4,15)(5,16)(17,27)(19,29)(21,30)(24,31)(27,32),(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26)(12,26$  $N_{33} = 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)(23,23)(27,30)(25,31)(27,32), \\ (1,2,6,10)(3,12,12,23)(13,24)(16,26)(17,28)(23,23)(13,24)(16,26)(17,28)(23,23)(27,30)(27,32), \\ (1,2,6,10)(3,12,12,23)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(17,28)(27,30)(27,30)(27,30)(27,32), \\ (1,2,6,10)(3,12,12,23)(13,24)(16,26)(17,28)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23)(17,23$  $N_{34} =
Group([(1,8,6,21)(2,15,10,4)(3,28,13,17)(5,20,16,30)(24,31)(25,25)(14,26)(17,27)(19,29)(21,30)(24,31)(25,27)(18,23,29,31), \\ (1,5)(2,10,13,25)(1,2,20,14,24)(1,2,25)(14,20)(13,23)(13,25)(15,20)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(1$  $N_{35} = Group(|(1,2,6,10)(3,13,1)(1,2,0)(1,2)(1,2,0)(1,2)(1,2,2)(1,2,2)(2,2,2)(1,2,2)(2,2,2)(1,2,2)(2,2,2)(1,2,2)(2,2,2)(1,2,2,2)(1,2,2,2)(1,2,2,2)(1,2,2,2)(1,2,2,2)(1,2,2,2)(1,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2,2)(1,2,2,2,2,2)(1,2,2,2,2,2)(1,2,2,2,2,2)(1,2,2,2,2,2)(1,2,2,2,2,2)(1,2,2,2,2,2)(1,2,2,2,2,2)(1,2,2,2,2,2)(1,2,2,2,2,2)(1,2,2,2,2,2)(1,2,2,2,2,2)(1,2,2,2,2,2)(1,2,2,2,2,2)(1,2,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1,2,2,2,2)(1$  $N_{36} = 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)(21,32)(11,26,24,14)(17,30,28,20), (1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20), (1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20), (1,12,6,25)(2,18,10,29)(2,30)(23,31)(27,32), (1,12,6,25)(2,18,10,29)(23,31)(27,32), (1,12,6,25)(2,18,10,29)(23,31)(27,32), (1,12,6,25)(2,18,10,29)(23,31)(27,32), (1,12,6,25)(2,18,10,29)(23,31)(27,32), (1,12,6,25)(2,18,10,29)(23,31)(27,32), (1,12,6,25)(2,18,10,29)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23,31)(27,32), (1,12,6,25)(23$  $N_{37} = Group([(1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,28)(24,31)(27,32),(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32),(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,25)(14,26)(17,27)(19,29)(14,23)(13,24)(16,25)(14,26)(17,27)(19,29)(14,23)(13,24)(16,25)(14,26)(17,27)(19,29)(14,23)(13,24)(16,25)(14,26)(17,27)(19,29)(14,23)(13,24)(16,25)(14,26)(17,27)(19,29)(14,23)(13,24)(16,25)(14,26)(17,27)(19,29)(14,23)(13,24)(16,25)(14,26)(17,27)(19,29)(14,23)(13,24)(16,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(17,27)(19,29)(14,24)(12,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(17,27)(19,29)(14,24)(16,25)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)(14,26)$  $N_{38} = Group([(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,28)(13,24)(16,26)(17,27)(19,29)(21,30)(23,31)(27,32), (1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(29,32), (1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(29,32), (1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(29,32), (1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(29,32), (1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(29,32), (1,2,6,10)(3,13)(4,15)(5,16)(17,27)(19,29)(21,30)(24,31)(29,32), (1,2,6,10)(3,13)(4,15)(5,16)(17,27)(19,29)(21,30)(24,31)(29,32), (1,2,6,10)(3,13)(4,15)(5,16)(17,27)(19,29)(21,30)(24,31)(29,32), (1,2,6,10)(3,13)(4,15)(5,16)(17,27)(19,29)(21,30)(24,31)(29,32), (1,2,6,10)(3,13)(4,15)(5,16)(17,27)(19,29)(21,30)(24,31)(29,32), (1,2,6,10)(3,13)(4,15)(5,16)(29,32), (1,2,6,10)(3,13)(4,15)(5,16)(29,32), (1,2,6,10)(3,13)(4,15)(29,32), (1,2,6,10)(3,13)(4,15)(29,32), (1,2,6,10)(3,13)(4,15)(29,32), (1,2,6,10)(3,13)(4,15)(29,32), (1,2,6,10)(3,13)(4,15)(29,32), (1,2,6,10)(3,13)(4,15)(29,32), (1,2,6,10)(3,13)(4,15)(29,32), (1,2,6,10)(3,13)(4,15)(29,32), (1,2,6,10)(3,13)(4,15)(29,32), (1,2,6,10)(3,13)(4,15)(29,32), (1,2,6,10)(3,13)(4,15)(29,32), (1,2,6,10)(3,13)(4,15)(29,32), (1,2,6,10)(3,13)(4,15)(29,32),
(1,2,6,10)(3,13)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15$  $N_{39} = Group([(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,16)(7,19)(4,21,15,24)(5,16)(7,19)(4,21,15,24)(5,16,10)(7,19)(4,21,15,24)(1,23)(13,24)(16,25)(14,26)(17,28)(13,24)(16,25)(14,26)(17,28)(13,24)(16,25)(14,26)(17,28)(13,24)(16,25)(14,26)(17,28)(18,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(23,27)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19$  $N_{40} = Group([(1,19,6,7)(2,3,10,13)(4,28,15,17)(5,29,16,18)(4,20,13)(4,28,15,17)(5,29,16,18)(4,20,13)(4,28,15,17)(5,29,16,18)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)(4,20,13)$  $N_{41} = Group([(1,19,6,7)(2,3,10,13)(4,28,15,17)(5,29,16,18)(4,20,15,17)(5,29,16,18)(4,20,15,17)(5,29,16,18)(4,20,15,17)(5,29,16,18)(4,20,15,20)(23,30,31), \\ (1,9,6,2)(2,16,10,5)(3,29,13,18)(4,20,15,20)(23,30,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(13,24)(16,26)(17,28)(18,27)(19,28)(23,30)(23,31)(27,32)(19,28)(29,30)(29,31)(29,32)(29,31)(29,32)(29,31)(29,32)(29,31)(29,32)(29,31)(29,32)(29,31)(29,32)(29,31)(29,32)(29,31)(29,32)(29,31)(29,32)(29,31)(29,32)(29,31)(29,32)(29,31)(29,32)(29,31)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)(29,32)($  $N_{42} = Group([(1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,28,24,17)(12,29,25,18)(14,20,26,31)(27,32)(11,26,24,14)(17,30,28,20),\\ (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)(23,31)(27,32)(11,26,24,14)(17,30,28,20),\\ (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)(23,31)(27,32)(11,26,24,14)(17,30,28,20),\\ (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)(23,31)(27,32)(11,26,24,14)(17,30,28,20),\\ (1,4)(2,8)(3,11)(2,3)(1,24)(12,23)(13,24)(12,23)(13,24)(16,26)(13,24)(16,26)(18,27)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19,28)(19$  $N_{43} =
Group([(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,27)(19,29)(21,30)(24,31)(25,31,26)(17,27)(19,29)(21,30)(24,31)(25,31)(27,32)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(25,31)(27,32)(17,28)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(25,31)(27,32)(17,28)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(25,31)(27,32)(17,28)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(24,31)(25,31)(27,32)(17,28)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(14,26)(17,27)(19,29)(11,24)(12,25)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26)(13,26$  $N_{44} = Group([(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,29)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(24,25)(2$  $N_{45} = Group([(1,19,6,7)(2,3,10,13)(4,28,15,17)(5,29,16,18)(4,15)(5,16)(7,17)(9,20)(11,24)(12,25)(14,26)(17,27)(19,29)(21,30)(23,31)(27,32), \\ (1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(29,32), \\ (1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(29,32), \\ (1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(29,32), \\ (1,2,6,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(3,10)(3,13)(4,15)(5,16)(3,10)(3,13)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4$ 

 $N_{46} = Group([(1,19,6,7)(2,3,10,13)(4,28,15,17)(5,29,16,18)(4,17)(5,29,16,18)(4,27)(12,29,25)(14,32,26,27)(20,23,30,31),(1,8,6,21)(2,15,10,4)(3,28,13,17)(5,29,16,30)(21,124)(12,25)(14,20,26,30)(23,31,27),(1,5)(2,9)(3,12)(4,14)(6,16)(7,18)(8,20)(10,22)(11,24)(12,25)(14,20,26,30)(23,31,27),(1,19,24)(9,22,25)(14,32,26,27)(12,24,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,24)(12,25)(14,$ 

 $N_{61} = Group([(1,28,6,17)(2,11,10,24)(3,21,13,8)(4,19,15,7)(5,32,16,27)(12,29)(11,24)(12,25)(14,26,17)(2,12,13,24)(12,29)(13,24,17)(12,29,25,18)(14,20,26,31)(27,32)(11,24)(12,25)(14,26,21)(12,29)(13,24)(12,29)(14,23,26,31)(27,32)(14,29)(14,23,26,31)(27,32)(14,29,26,18)(14,29,26,31)(27,32)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,18)(14,29,26,1$  $N_{62} = Group([(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(8,17,21,28)(9,18,22,29)(14,23,26,31)(27,32),(1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,23,25,27)(18,23,29,31),(1,6)(2,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,23,25,27)(18,23,29,31),(1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,23,25,27)(18,23,29,31),(1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,23,25,27)(18,23,29,31),(1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,23,25,27)(18,23,29,31),(1,2,6,10)(3,13)(4,15)(5,16)(7,19)(8,21)(9,23,25,27)(18,23,29,31),(1,2,6,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(5,16)(2,10)(3,13)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)(4,15)($  $N_{63} = Group([(1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,28)(23,31)(27,32),(1,5)(2,9)(3,12)(4,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(23,31)(27,32),(1,5)(2,9)(3,12)(4,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(23,31)(27,32),(1,5)(2,9)(3,12)(4,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(23,31)(27,32),(1,5)(29,32)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(16,26)(17,27)(19,29)(11,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)(13,24)(12,23)($  $N_{64} = Group([(1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,28)(21,30)(23,31,27),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,20)(13,24)(16,25)(14,20)(13,24)(16,25)(14,20)(13,24)(16,25)(14,20)(13,24)(16,25)(14,20)(13,24)(16,25)(14,20)(13,24)(16,25)(14,20)(14,23,26,31)(27,32),(1,4)(2,8)(3,11)(5,14)(6,15)(7,19)(8,21)(12,23)(13,24)(16,25)(14,20)(14,23,26,31)(27,32),(1,4)(2,8)(21,24)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,25)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14,24)(14$  $N_{65} = Group([(1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,28)(24,25)(24,25)(28,29),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,31)(27,32),(1,4)(2,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,20)(3,$  $N_{67} = Group([(1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,28,24,17)(12,29,25,18)(14,20,26,30)(23,31,27),(1,12,6,25)(2,18,10,29)(3,16,13,5)(4,23,15,31)(7,22,19,9)(8,27,21,32)(11,26,24,14)(17,30,28,20),(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,25)(14,26,21)(12,23)(13,24)(16,25)(14,26,21)(12,23)(13,24)(16,25)(14,26,21)(12,23)(13,24)(16,25)(14,26,21)(12,23)(13,24)(16,25)(14,26,21)(12,23)(13,24)(16,25)(14,26,21)(12,23)(13,24)(16,25)(14,26,21)(12,23)(13,24)(16,25)(14,26,21)(12,23)(13,24)(16,25)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)(12,23)(14,26,21)$  $N_{68} = Group([(1,2,6,10)(3,19,13,7)(4,8,15,21)(5,9,16,22)(11,28,24,17)(12,29,25,18)(14,20,26,31)(27,32)(12,26,25,14)(18,30,29,20), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(2,27,23,21)(12,26,25,14)(18,30,29,20), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(2,27,30,32)(12,26,25,14)(18,30,29,20), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(2,27,30,32)(12,26,25,14)(18,30,29,20), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(2,27,30,32)(12,26,25,14)(18,30,29,20), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(2,27,30,32)(12,26,25,14)(18,30,29,20), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(2,27,30,32)(12,26,25,14)(18,30,29,20), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(2,27,30,32)(12,26,25,14)(18,30,29,20), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(7,19)(8,21)(2,27,30)(12,26,25,14)(18,30,29,20), \\ (1,5)(2,9)(3,12)(4,14)(6,16)(17,28)(18,29)(12,26,25,14)(18,29)(12,26,25,14)(18,29)(12,26,25,14)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29)(18,29$  $N_{70} = Group([(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,2,6,10)(3,13)(4,15)(5,16)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,27)(19,29)(21,30)(24,31)(27,32), (1,2,6,10)(3,13)(4,15)(5,16)(27,10)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)(27,30)$  $N_{71} = Group([(1,9,6,22)(2,16,10,5)(3,29,13,18)(4,20,15,30)(7,12,19,25)(8,26,21,14)(11,32,24,27)(17,23,28,31),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(8,17,21,28)(9,18,22,29)(14,23,26,31)(20,27,30,32),(1,4)(2,8)(3,11)(5,14)(6,15)(7,17)(9,20)(10,21)(12,23)(13,24)(16,26)(17,28)(14,20,26,30)(23,31,27)]) \\ \cong C2 \times C2 \times Q8 \times (31,12)(11,23)(13,24)(16,20)(11,24)(12,25)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(14,26)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)(17,28)($  $N_{72} = Group([(1,8,6,21)(2,15,10,4)(3,28,13,17)(5,20,16,30)(2,7,10,19)(4,11,15,24)(5,12,16,25)(14,20,12,16,12)(14,23)(13,25)(15,20)(14,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)(18,23,25,27)$  $N_{73} = Group([(1,9,6,22)(2,16,10,5)(3,29,13,18)(4,20,15,30)(7,12,19,25)(8,26,21,14)(11,32,24,27)(17,23,28,31),(1,3,6,13)(2,7,10,19)(4,11,15,24)(5,12,16,25)(8,17,21,28)(9,18,22,29)(14,23,26,31)(20,27,30,32),(1,14)(2,20)(3,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,5)(6,20)(17,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)(4,23)$  $N_{74} = 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 $N_{76} = 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 $N_{th} = Crospp([1, 4/2, 8, 1], (1, 5), (1, 6), (2, 5), (1, 1, 2), (1, 1, 2), (1, 1, 2), (1, 1, 2, 1), (1, 2, 2), (1, 2, 3), (1, 2, 3), (1, 2, 2), (1, 1, 2, 3), (1, 2, 3), (1, 2, 3), (1, 2, 3), (1, 2, 3), (1, 2, 3), (1, 2, 3), (1, 2, 3), (1, 2, 3), (1, 2, 3), (1, 2, 3), (1, 2, 3), (1, 2, 3), (1, 2, 3), (1, 2, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1, 3, 3), (1$