

The group G is isomorphic to the group labelled by [48, 4] in the Small Groups library.
 Ordinary character table of $G \cong \text{CS} \times \text{S3}$:

	1a	2a	3a	4a	2b	3a	3b	4b	2c	3c	3d	24a	4c	12a	6a	3e	3f	4d	3g	24b	24c	12b	3h	24d	
χ_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
χ_2	1	-1	-1	1	1	1	1	-1	-1	-1	-1	-1	-1	1	1	1	1	-1	-1	-1	-1	1	1	-1	
χ_3	1	-1	1	1	1	1	-1	-1	-1	1	1	1	1	1	1	-1	-1	1	-1	1	1	1	1	-1	
χ_4	1	1	-1	1	1	1	-1	1	1	-1	-1	-1	-1	1	1	1	-1	-1	1	-1	-1	1	-1	-1	
χ_5	1	-1	-E(4)	-1	1	1	E(4)	1	-1	E(4)	-E(4)	-E(4)	-1	-1	1	-E(4)	E(4)	1	E(4)	E(4)	-E(4)	-1	-E(4)	E(4)	
χ_6	1	-1	E(4)	-1	1	1	-E(4)	1	-1	-E(4)	E(4)	E(4)	-1	-1	1	E(4)	-E(4)	1	-E(4)	-E(4)	E(4)	-1	E(4)	-E(4)	
χ_7	1	-1	-E(8)	E(4)	-1	1	E(8)	-E(4)	1	-E(8)	E(8)	E(8)	-E(8)	-E(4)	-1	E(8)	-E(8)	E(4)	E(8)	-E(8)	E(8)	-E(8)	E(8)	E(8)	
χ_8	1	-1	-E(8)	-E(4)	-1	1	E(8)	E(4)	1	-E(8)	E(8)	-E(8)	E(4)	-E(4)	-1	E(8)	-E(8)	-E(8)	-E(4)	E(8)	-E(8)	E(8)	E(4)	-E(8)	E(8)
χ_9	1	-1	E(8)	-E(4)	-1	1	-E(8)	E(4)	1	E(8)	-E(8)	E(8)	-E(8)	-E(4)	-1	-E(8)	E(8)	-E(4)	-E(8)	E(8)	-E(8)	E(4)	E(8)	-E(8)	E(8)
χ_{10}	1	-1	E(8)	E(4)	-1	1	-E(8)	-E(4)	1	E(8)	-E(8)	E(8)	-E(4)	-1	-E(8)	E(8)	E(4)	-E(8)	-E(8)	E(8)	-E(8)	-E(4)	E(8)	-E(8)	E(8)
χ_{11}	1	1	-E(4)	-1	1	1	-E(4)	-1	1	E(4)	-E(4)	-E(4)	-1	-1	1	-E(4)	-E(4)	-1	E(4)	E(4)	-E(4)	-1	E(4)	E(4)	
χ_{12}	1	1	E(4)	-1	1	1	E(4)	-1	1	-E(4)	E(4)	E(4)	-1	-1	1	-E(4)	E(4)	-1	-E(4)	-E(4)	E(4)	-1	-E(4)	-E(4)	
χ_{13}	1	1	-E(8)	E(4)	-1	1	-E(8)	E(4)	-1	-E(8)	E(8)	-E(8)	-E(4)	-1	-E(8)	E(8)	-E(4)	-E(8)	-E(8)	E(8)	-E(4)	E(8)	E(8)	E(8)	
χ_{14}	1	1	-E(8)	-E(4)	-1	1	-E(8)	-E(4)	-1	-E(8)	E(8)	-E(8)	E(4)	-E(4)	-1	-E(8)	E(8)	E(4)	E(8)	-E(8)	E(8)	E(4)	E(8)	E(8)	
χ_{15}	1	1	E(8)	-E(4)	-1	1	E(8)	-E(4)	-1	E(8)	-E(8)	E(8)	-E(4)	-1	E(8)	-E(8)	-E(8)	E(4)	-E(8)	E(8)	-E(8)	E(4)	-E(8)	-E(8)	
χ_{16}	1	1	E(8)	E(4)	-1	1	E(8)	E(4)	-1	E(8)	-E(8)	E(8)	-E(4)	-1	E(8)	-E(8)	-E(8)	-E(4)	-E(8)	E(8)	-E(8)	E(4)	-E(8)	-E(8)	
χ_{17}	2	0	-2	2	-1	0	0	0	0	-2	-2	1	2	-1	0	0	0	0	-2	1	-1	0	0	1	
χ_{18}	2	0	2	2	-1	0	0	0	0	2	2	-1	2	-1	0	0	0	0	2	-1	-1	-1	0	-1	
χ_{19}	2	0	2 * E(8)	-2 * E(4)	-2	-1	0	0	0	2 * E(8)	-2 * E(8)	2 * E(4)	E(4)	1	0	0	0	0	-2 * E(8)	-E(8)	E(8)	-E(4)	0	E(8)	
χ_{20}	2	0	2 * E(8)	2 * E(4)	-2	-1	0	0	0	2 * E(8)	-2 * E(8)	-E(8)	-2 * E(4)	-E(4)	1	0	0	0	-2 * E(8)	-E(8)	E(8)	E(4)	0	E(8)	
χ_{21}	2	0	-2 * E(8)	-2 * E(4)	-2	-1	0	0	0	-2 * E(8)	2 * E(8)	2 * E(4)	E(4)	1	0	0	0	0	2 * E(8)	E(8)	-E(8)	-E(4)	0	-E(8)	
χ_{22}	2	0	-2 * E(8)	2 * E(4)	-2	-1	0	0	0	-2 * E(8)	2 * E(8)	-2 * E(4)	-E(4)	1	0	0	0	0	2 * E(8)	E(8)	-E(8)	E(4)	0	-E(8)	
χ_{23}	2	0	2 * E(4)	-2	2	-1	0	0	0	2 * E(4)	-E(4)	-E(4)	-1	-1	0	0	0	0	-2 * E(4)	E(4)	-E(4)	1	0	E(4)	
χ_{24}	2	0	-2 * E(4)	-2	2	-1	0	0	0	2 * E(4)	-2 * E(4)	E(4)	-2	1	-1	0	0	0	2 * E(4)	-E(4)	E(4)	1	0	-E(4)	

Trivial source character table of $G \cong \text{CS} \times \text{S3}$ at $p = 2$:

Normalisers N_i	N_1	N_2	N_3	N_4	N_5	N_6	N_7	N_8	N_9	N_{10}	N_{11}
p -subgroups of G up to conjugacy in G	P_1	P_2	P_3	P_4	P_5	P_6	P_7	P_8	P_9	P_{10}	P_{11}
Representatives $n_j \in N_i$	1a	3a	1a	3a	1a	1a	1a	3a	1a	1a	1a
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	16	16	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 1 \cdot \chi_{18} + 1 \cdot \chi_{19} + 1 \cdot \chi_{20} + 1 \cdot \chi_{21} + 1 \cdot \chi_{22} + 1 \cdot \chi_{23} + 1 \cdot \chi_{24}$	16	-8	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	8	8	8	0	0	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 1 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 1 \cdot \chi_{22} + 1 \cdot \chi_{23} + 1 \cdot \chi_{24}$	8	-4	8	-4	0	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 1 \cdot \chi_{13} + 1 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	8	8	0	0	8	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 1 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	8	8	0	0	8	0	0	0	0	0	0
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	4	4	4	4	0	0	4	4	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 1 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	4	-2	4	-2	0	0	4	-2	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	4	4	4	4	4	0	0	4	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	4	4	4	4	0	0	0	4	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	2	2	2	2	0	0	2	2	0	0	2
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 1 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	2	-1	2	-1	0	0	2	-1	0	0	2
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	2	2	2	2	2	2	2	2	0	0	2
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	2	2	2	2	0	0	2	0	0	0	2
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{20} + 0 \cdot \chi_{21} + 0 \cdot \chi_{22} + 0 \cdot \chi_{23} + 0 \cdot \chi_{24}$	1	1	1	1	1	1	1	1	1	1	1

- $P_1 = \text{Group}(\{\emptyset\}) \cong 1$
- $P_2 = \text{Group}((1, 5)(2, 9)(3, 12)(4, 14)(6, 16)(7, 19)(8, 21)(10, 23)(11, 25)(13, 27)(15, 29)(17, 31)(18, 32)(20, 34)(22, 36)(24, 38)(26, 39)(28, 41)(30, 42)(33, 43)(35, 45)(37, 46)(40, 47)(44, 48))) \cong \text{C2}$
- $P_3 = \text{Group}((1, 2)(3, 7)(4, 8)(5, 9)(6, 24)(10, 17)(11, 18)(12, 19)(13, 35)(14, 21)(15, 37)(16, 38)(20, 28)(22, 30)(23, 31)(25, 32)(26, 44)(27, 45)(29, 46)(33, 40)(34, 41)(36, 42)(39, 48)(43, 47))) \cong \text{C2}$
- $P_4 = \text{Group}((1, 9)(2, 5)(3, 19)(4, 21)(6, 38)(7, 12)(8, 14)(10, 31)(11, 32)(13, 45)(15, 46)(16, 24)(17, 23)(18, 25)(20, 41)(22, 42)(26, 48)(27, 35)(28, 34)(29, 37)(30, 36)(32, 47)(39, 44)(40, 43))) \cong \text{C2}$
- $P_5 = \text{Group}((1, 5)(2, 9)(3, 12)(4, 14)(6, 16)(7, 19)(8, 21)(10, 23)(11, 25)(13, 27)(15, 29)(17, 31)(18, 32)(20, 34)(22, 36)(24, 38)(26, 39)(28, 41)(30, 42)(33, 43)(35, 45)(37, 46)(40, 47)(44, 48), (1, 4, 5, 14)(2, 8, 9, 21)(3, 11, 12, 25)(6, 15, 16, 29)(7, 18, 19, 32)(10, 22, 23, 36)(13, 26, 27, 39)(17, 30, 31, 42)(20, 33, 34, 43)(24, 37, 38, 46)(28, 40, 41, 47)(35, 44, 45, 48))) \cong \text{C4}$
- $P_6 = \text{Group}((1, 5)(2, 9)(3, 12)(4, 14)(6, 16)(7, 19)(8, 21)(10, 23)(11, 25)(13, 27)(15, 29)(17, 31)(18, 32)(20, 34)(22, 36)(24, 38)(26, 39)(28, 41)(30, 42)(33, 43)(35, 45)(37, 46)(40, 47)(44, 48), (1, 2)(3, 7)(4, 8)(5, 9)(6, 24)(10, 17)(11, 18)(12, 19)(13, 35)(14, 21)(15, 37)(16, 38)(20, 28)(22, 30)(23, 31)(25, 32)(26, 44)(27, 45)(29, 46)(33, 40)(34, 41)(36, 42)(39, 48)(43, 47))) \cong \text{C2} \times \text{C2}$
- $P_7 = \text{Group}((1, 5)(2, 9)(3, 12)(4, 14)(6, 16)(7, 19)(8, 21)(10, 23)(11, 25)(13, 27)(15, 29)(17, 31)(18, 32)(20, 34)(22, 36)(24, 38)(26, 39)(28, 41)(30, 42)(33, 43)(35, 45)(37, 46)(40, 47)(44, 48), (1, 8, 5, 21)(2, 4, 9, 14)(3, 18, 12, 32)(6, 37, 16, 46)(7, 11, 19, 25)(10, 30, 23, 42)(13, 44, 27, 48)(15, 38, 29, 24)(17, 22, 31, 36)(20, 40, 34, 47)(26, 45, 39, 35)(28, 33, 41, 43))) \cong \text{C4}$
- $P_8 = \text{Group}((1, 5)(2, 9)(3, 12)(4, 14)(6, 16)(7, 19)(8, 21)(10, 23)(11, 25)(13, 27)(15, 29)(17, 31)(18, 32)(20, 34)(22, 36)(24, 38)(26, 39)(28, 41)(30, 42)(33, 43)(35, 45)(37, 46)(40, 47)(44, 48), (1, 3, 4, 11, 5, 12, 14, 25)(2, 7, 8, 18, 9, 19, 21, 32)(6, 13, 15, 26, 16, 27, 29, 39)(10, 20, 22, 33, 23, 34, 36, 43)(17, 28, 30, 40, 31, 41, 42, 47)(24, 35, 37, 44, 38, 45, 46, 48))) \cong \text{C8}$
- $P_9 = \text{Group}((1, 5)(2, 9)(3, 12)(4, 14)(6, 16)(7, 19)(8, 21)(10, 23)(11, 25)(13, 27)(15, 29)(17, 31)(18, 32)(20, 34)(22, 36)(24, 38)(26, 39)(28, 41)(30, 42)(33, 43)(35, 45)(37, 46)(40, 47)(44, 48), (1, 4, 5, 14)(2, 8, 9, 21)(3, 11, 12, 25)($