

Ordinary character table of  $G \cong (\text{C12} \times \text{C3}) : \text{C2}$ .

	$1a$	$4a$	$2a$	$3a$	$12a$	$6a$	$12b$	$2b$	$2c$	$3b$	$12c$	$6b$	$12d$	$3c$	$12e$	$6c$	$12f$	$3d$	$12g$	$6d$	$12h$
$\chi_1$	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
$\chi_2$	1	-1	1	1	-1	1	-1	-1	1	1	-1	1	-1	1	-1	1	-1	1	-1	1	-1
$\chi_3$	1	-1	1	1	-1	1	-1	1	-1	1	-1	1	-1	1	-1	1	-1	1	-1	1	-1
$\chi_4$	1	1	1	1	1	1	1	-1	-1	1	1	1	1	1	1	1	1	1	1	1	1
$\chi_5$	2	-2	2	2	-2	2	-2	0	0	-1	1	-1	1	-1	1	-1	1	-1	1	-1	1
$\chi_6$	2	2	2	2	2	2	2	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
$\chi_7$	2	0	-2	2	0	-2	0	0	0	2	0	-2	0	2	0	-2	0	2	0	-2	0
$\chi_8$	2	-2	2	-1	1	-1	1	0	0	2	-2	2	-2	-1	1	-1	1	-1	1	-1	1
$\chi_9$	2	2	2	-1	-1	-1	-1	0	0	2	2	2	2	-1	-1	-1	-1	-1	-1	-1	-1
$\chi_{10}$	2	-2	2	-1	1	-1	1	0	0	-1	1	-1	1	-1	1	-1	1	2	-2	2	-2
$\chi_{11}$	2	-2	2	-1	1	-1	1	0	0	-1	1	-1	1	2	-2	2	-2	-1	1	-1	1
$\chi_{12}$	2	2	2	-1	-1	-1	-1	0	0	-1	-1	-1	-1	-1	-1	-1	-1	2	2	2	2
$\chi_{13}$	2	2	2	-1	-1	-1	-1	0	0	-1	-1	-1	-1	2	2	2	2	-1	-1	-1	-1
$\chi_{14}$	2	0	-2	-1	$-E(12)^7 + E(12)^{11}$	1	$E(12)^7 - E(12)^{11}$	0	0	2	0	-2	0	-1	$-E(12)^7 + E(12)^{11}$	1	$E(12)^7 - E(12)^{11}$	-1	$E(12)^7 - E(12)^{11}$	1	$-E(12)^7 + E(12)^{11}$
$\chi_{15}$	2	0	-2	-1	$E(12)^7 - E(12)^{11}$	1	$-E(12)^7 + E(12)^{11}$	0	0	2	0	-2	0	-1	$E(12)^7 - E(12)^{11}$	1	$-E(12)^7 + E(12)^{11}$	-1	$-E(12)^7 + E(12)^{11}$	1	$E(12)^7 - E(12)^{11}$
$\chi_{16}$	2	0	-2	2	0	-2	0	0	0	-1	$-E(12)^7 + E(12)^{11}$	1	$E(12)^7 - E(12)^{11}$	-1	$-E(12)^7 + E(12)^{11}$	1	$E(12)^7 - E(12)^{11}$	-1	$-E(12)^7 + E(12)^{11}$	1	$E(12)^7 - E(12)^{11}$
$\chi_{17}$	2	0	-2	2	0	-2	0	0	0	-1	$E(12)^7 - E(12)^{11}$	1	$-E(12)^7 + E(12)^{11}$	-1	$E(12)^7 - E(12)^{11}$	1	$-E(12)^7 + E(12)^{11}$	-1	$E(12)^7 - E(12)^{11}$	1	$-E(12)^7 + E(12)^{11}$
$\chi_{18}$	2	0	-2	-1	$-E(12)^7 + E(12)^{11}$	1	$E(12)^7 - E(12)^{11}$	0	0	-1	$-E(12)^7 + E(12)^{11}$	1	$E(12)^7 - E(12)^{11}$	-1	$E(12)^7 - E(12)^{11}$	1	$-E(12)^7 + E(12)^{11}$	2	0	-2	0
$\chi_{19}$	2	0	-2	-1	$E(12)^7 - E(12)^{11}$	1	$-E(12)^7 + E(12)^{11}$	0	0	-1	$E(12)^7 - E(12)^{11}$	1	$-E(12)^7 + E(12)^{11}$	-1	$-E(12)^7 + E(12)^{11}$	1	$E(12)^7 - E(12)^{11}$	2	0	-2	0
$\chi_{20}$	2	0	-2	-1	$-E(12)^7 + E(12)^{11}$	1	$E(12)^7 - E(12)^{11}$	0	0	-1	$E(12)^7 - E(12)^{11}$	1	$-E(12)^7 + E(12)^{11}$	2	0	-2	0	-1	$-E(12)^7 + E(12)^{11}$	1	$E(12)^7 - E(12)^{11}$
$\chi_{21}$	2	0	-2	-1	$E(12)^7 - E(12)^{11}$	1	$-E(12)^7 + E(12)^{11}$	0	0	-1	$-E(12)^7 + E(12)^{11}$	1	$E(12)^7 - E(12)^{11}$	2	0	-2	0	-1	$E(12)^7 - E(12)^{11}$	1	

[illegible]

$$\begin{aligned} P_1 &= Group([()]) \cong 1 \\ P_2 &= Group([(7,9)(8,10)]) \cong C2 \\ P_3 &= Group([(2,3)(5,6)(8,10)]) \cong C2 \\ P_4 &= Group([(2,3)(5,6)(7,10)(8,9)]) \cong C2 \\ P_5 &= Group([(7,9)(8,10), (7,8,9,10)]) \cong C4 \\ P_6 &= Group([(7,9)(8,10), (2,3)(5,6)(8,10)]) \cong C2 \times C2 \\ P_7 &= Group([(7,9)(8,10), (2,3)(5,6)(7,10)(8,9)]) \cong C2 \times C2 \\ P_8 &= Group([(7,9)(8,10), (7,8,9,10), (2,3)(5,6)(8,10)]) \cong D8 \end{aligned}$$

$$\begin{aligned}
N_1 &= \text{Group}([(2, 3)(5, 6)(8, 10), (7, 8, 9, 10), (7, 9)(8, 10), (1, 2, 3)(4, 6, 5), (1, 2, 3)(4, 5, 6)]) \cong (C_{12} \times C_3) : C_2 \\
N_2 &= \text{Group}([(2, 3)(5, 6)(8, 10), (7, 8, 9, 10), (7, 9)(8, 10), (1, 2, 3)(4, 6, 5), (1, 2, 3)(4, 5, 6)]) \cong (C_{12} \times C_3) : C_2 \\
N_3 &= \text{Group}([(2, 3)(5, 6)(8, 10), (7, 9)(8, 10)]) \cong C_2 \times C_2 \\
N_4 &= \text{Group}([(2, 3)(5, 6)(7, 10)(8, 9), (7, 9)(8, 10)]) \cong C_2 \times C_2 \\
N_5 &= \text{Group}([(2, 3)(5, 6)(8, 10), (7, 8, 9, 10), (7, 9)(8, 10), (1, 2, 3)(4, 6, 5), (1, 2, 3)(4, 5, 6)]) \cong (C_{12} \times C_3) : C_2 \\
N_6 &= \text{Group}([(2, 3)(5, 6)(8, 10), (7, 8, 9, 10)]) \cong D_8 \\
N_7 &= \text{Group}([(2, 3)(5, 6)(8, 10), (7, 8, 9, 10)]) \cong D_8 \\
N_8 &= \text{Group}([(2, 3)(5, 6)(8, 10), (7, 8, 9, 10)]) \cong D_8
\end{aligned}$$