

The group G is isomorphic to the group labelled by [30, 2] in the Small Groups library.

Ordinary character table of $G \cong \text{C3 x D10}$:

| | 1a | 3a | 3b | 5a | 15a | 15b | 5b | 15c | 15d | 2a | 6a | 6b |
|-------------|----|--------------|--------------|-------------------|---------------------------|---------------------------|-------------------|---------------------------|---------------------------|----|-----------|-----------|
| χ_1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| χ_2 | 1 | $E(3)$ | $E(3)^2$ | 1 | $E(3)$ | $E(3)^2$ | 1 | $E(3)$ | $E(3)^2$ | 1 | $E(3)$ | $E(3)^2$ |
| χ_3 | 1 | $E(3)^2$ | $E(3)$ | 1 | $E(3)^2$ | $E(3)$ | 1 | $E(3)^2$ | $E(3)$ | 1 | $E(3)^2$ | $E(3)$ |
| χ_4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | -1 | -1 | -1 |
| χ_5 | 1 | $E(3)$ | $E(3)^2$ | 1 | $E(3)$ | $E(3)^2$ | 1 | $E(3)$ | $E(3)^2$ | -1 | $-E(3)$ | $-E(3)^2$ |
| χ_6 | 1 | $E(3)^2$ | $E(3)$ | 1 | $E(3)^2$ | $E(3)$ | 1 | $E(3)^2$ | $E(3)$ | -1 | $-E(3)^2$ | $-E(3)$ |
| χ_7 | 2 | 2 | 2 | $E(5) + E(5)^4$ | $E(5) + E(5)^4$ | $E(5) + E(5)^4$ | $E(5)^2 + E(5)^3$ | $E(5)^2 + E(5)^3$ | $E(5)^2 + E(5)^3$ | 0 | 0 | 0 |
| χ_8 | 2 | $2 * E(3)$ | $2 * E(3)^2$ | $E(5) + E(5)^4$ | $E(15)^2 + E(15)^8$ | $E(15)^7 + E(15)^{13}$ | $E(5)^2 + E(5)^3$ | $E(15)^{11} + E(15)^{14}$ | $E(15) + E(15)^4$ | 0 | 0 | 0 |
| χ_9 | 2 | $2 * E(3)^2$ | $2 * E(3)$ | $E(5) + E(5)^4$ | $E(15)^7 + E(15)^{13}$ | $E(15)^2 + E(15)^8$ | $E(5)^2 + E(5)^3$ | $E(15) + E(15)^4$ | $E(15)^{11} + E(15)^{14}$ | 0 | 0 | 0 |
| χ_{10} | 2 | 2 | 2 | $E(5)^2 + E(5)^3$ | $E(5)^2 + E(5)^3$ | $E(5)^2 + E(5)^3$ | $E(5) + E(5)^4$ | $E(5) + E(5)^4$ | $E(5) + E(5)^4$ | 0 | 0 | 0 |
| χ_{11} | 2 | $2 * E(3)$ | $2 * E(3)^2$ | $E(5)^2 + E(5)^3$ | $E(15)^{11} + E(15)^{14}$ | $E(15) + E(15)^4$ | $E(5) + E(5)^4$ | $E(15)^2 + E(15)^8$ | $E(15)^7 + E(15)^{13}$ | 0 | 0 | 0 |
| χ_{12} | 2 | $2 * E(3)^2$ | $2 * E(3)$ | $E(5)^2 + E(5)^3$ | $E(15) + E(15)^4$ | $E(15)^{11} + E(15)^{14}$ | $E(5) + E(5)^4$ | $E(15)^7 + E(15)^{13}$ | $E(15)^2 + E(15)^8$ | 0 | 0 | 0 |

Trivial source character table of $G \cong \text{C3 x D10}$ at $p = 2$:

| Normalisers N_i | | | | | | | | | | | N_1 | | |
|--|----|--------------|-------------------|--------------|---------------------------|-------------------|---------------------------|---------------------------|---------------------------|----|----------|----------|--|
| p -subgroups of G up to conjugacy in G | | | | | | | | | | | P_1 | | |
| Representatives $n_j \in N_i$ | 1a | 3a | 5a | 3b | 15a | 5b | 15b | 15c | 15d | 1a | 3a | 3b | |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$ | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | |
| $0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$ | 2 | $2 * E(3)$ | 2 | $2 * E(3)^2$ | $2 * E(3)$ | 2 | $2 * E(3)^2$ | $2 * E(3)$ | $2 * E(3)^2$ | 0 | 0 | 0 | |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$ | 2 | $2 * E(3)^2$ | 2 | $2 * E(3)$ | $2 * E(3)^2$ | 2 | $2 * E(3)$ | $2 * E(3)^2$ | $2 * E(3)$ | 0 | 0 | 0 | |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$ | 2 | 2 | $E(5) + E(5)^4$ | 2 | $E(5) + E(5)^4$ | $E(5)^2 + E(5)^3$ | $E(5) + E(5)^4$ | $E(5)^2 + E(5)^3$ | $E(5)^2 + E(5)^3$ | 0 | 0 | 0 | |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$ | 2 | $2 * E(3)$ | $E(5) + E(5)^4$ | $2 * E(3)^2$ | $E(15)^2 + E(15)^8$ | $E(5)^2 + E(5)^3$ | $E(15)^7 + E(15)^{13}$ | $E(15)^{11} + E(15)^{14}$ | $E(15) + E(15)^4$ | 0 | 0 | 0 | |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$ | 2 | $2 * E(3)^2$ | $E(5) + E(5)^4$ | $2 * E(3)$ | $E(15)^7 + E(15)^{13}$ | $E(5)^2 + E(5)^3$ | $E(15)^2 + E(15)^8$ | $E(15) + E(15)^4$ | $E(15)^{11} + E(15)^{14}$ | 0 | 0 | 0 | |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$ | 2 | 2 | $E(5)^2 + E(5)^3$ | 2 | $E(5)^2 + E(5)^3$ | $E(5) + E(5)^4$ | $E(5)^2 + E(5)^3$ | $E(5) + E(5)^4$ | $E(5) + E(5)^4$ | 0 | 0 | 0 | |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12}$ | 2 | $2 * E(3)$ | $E(5)^2 + E(5)^3$ | $2 * E(3)^2$ | $E(15)^{11} + E(15)^{14}$ | $E(5) + E(5)^4$ | $E(15) + E(15)^4$ | $E(15)^2 + E(15)^8$ | $E(15)^7 + E(15)^{13}$ | 0 | 0 | 0 | |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12}$ | 2 | $2 * E(3)^2$ | $E(5)^2 + E(5)^3$ | $2 * E(3)$ | $E(15) + E(15)^4$ | $E(5) + E(5)^4$ | $E(15)^{11} + E(15)^{14}$ | $E(15)^7 + E(15)^{13}$ | $E(15)^2 + E(15)^8$ | 0 | 0 | 0 | |
| $1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| $0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$ | 1 | $E(3)$ | 1 | $E(3)^2$ | $E(3)$ | 1 | $E(3)^2$ | $E(3)$ | $E(3)^2$ | 1 | $E(3)$ | $E(3)^2$ | |
| $0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$ | 1 | $E(3)^2$ | 1 | $E(3)$ | $E(3)^2$ | 1 | $E(3)$ | $E(3)^2$ | $E(3)$ | 1 | $E(3)^2$ | $E(3)$ | |

$$P_1 = \text{Group}([(())]) \cong 1$$

$$P_2 = \text{Group}([(1, 2)(3, 5)(4, 24)(6, 21)(7, 10)(8, 28)(9, 18)(11, 26)(12, 15)(13, 30)(14, 23)(16, 29)(17, 20)(19, 27)(22, 25)]) \cong \text{C2}$$

$$N_1 = \text{Group}([(1, 2)(3, 5)(4, 24)(6, 21)(7, 10)(8, 28)(9, 18)(11, 26)(12, 15)(13, 30)(14, 23)(16, 29)(17, 20)(19, 27)(22, 25), (1, 3, 7)(2, 5, 10)(4, 8, 13)(6, 11, 16)(9, 14, 19)(12, 17, 22)(15, 20, 25)(18, 23, 27)(21, 26, 29)(24, 28, 30), (1, 4, 9, 15, 21)(2, 6, 12, 18, 24)(3, 8, 14, 20, 26)(5, 11, 17, 23, 28)(7, 13, 19, 25, 29)(10, 16, 22, 27, 30)]) \cong \text{C3 x D10}$$

$$N_2 = \text{Group}([(1, 2)(3, 5)(4, 24)(6, 21)(7, 10)(8, 28)(9, 18)(11, 26)(12, 15)(13, 30)(14, 23)(16, 29)(17, 20)(19, 27)(22, 25), (1, 3, 7)(2, 5, 10)(4, 8, 13)(6, 11, 16)(9, 14, 19)(12, 17, 22)(15, 20, 25)(18, 23, 27)(21, 26, 29)(24, 28, 30)]) \cong \text{C6}$$