

The group  $G$  is isomorphic to the group labelled by [ 60, 8 ] in the Small Groups library.  
 Ordinary character table of  $G \cong \text{S3 x D10}$ :

	1a	5a	5b	2a	3a	15a	15b	6a	2b	10a	10b	2c
$\chi_1$	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
$\chi_3$	2	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	0	2	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	0	2	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	0
$\chi_4$	2	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	0	2	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	0	2	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	0
$\chi_5$	1	1	1	1	1	1	1	1	-1	-1	-1	-1
$\chi_6$	1	1	1	-1	1	1	1	-1	-1	-1	-1	1
$\chi_7$	2	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	0	2	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	0	-2	$-E(5) - E(5)^4$	$-E(5)^2 - E(5)^3$	0
$\chi_8$	2	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	0	2	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	0	-2	$-E(5)^2 - E(5)^3$	$-E(5) - E(5)^4$	0
$\chi_9$	2	2	2	2	-1	-1	-1	-1	0	0	0	0
$\chi_{10}$	2	2	2	-2	-1	-1	-1	1	0	0	0	0
$\chi_{11}$	4	$2 * E(5) + 2 * E(5)^4$	$2 * E(5)^2 + 2 * E(5)^3$	0	-2	$-E(5) - E(5)^4$	$-E(5)^2 - E(5)^3$	0	0	0	0	0
$\chi_{12}$	4	$2 * E(5)^2 + 2 * E(5)^3$	$2 * E(5) + 2 * E(5)^4$	0	-2	$-E(5)^2 - E(5)^3$	$-E(5) - E(5)^4$	0	0	0	0	0

Trivial source character table of  $G \cong \text{S3 x D10}$  at  $p = 5$ :

Normalisers $N_i$	$N_1$						$N_2$					
$p$ -subgroups of $G$ up to conjugacy in $G$	$P_1$						$P_2$					
Representatives $n_j \in N_i$	1a	2a	2b	3a	2c	6a	1a	2b	3a	2a	2c	6a
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	5	-1	5	5	-1	-1	0	0	0	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	5	1	5	5	1	1	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	5	-1	-5	5	1	-1	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	5	1	-5	5	-1	1	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12}$	10	-2	0	-5	0	1	0	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12}$	10	2	0	-5	0	-1	0	0	0	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
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	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	-1	1	1	-1	-1	1	1	1	-1	-1	-1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	1	-1	-1	1	1	-1	1	-1	1	-1	1	-1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	2	2	0	-1	0	-1	2	0	-1	2	0	-1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	2	-2	0	-1	0	1	2	0	-1	-2	0	1

$P_1 = \text{Group}([\{\}]) \cong 1$   
 $P_2 = \text{Group}([(1, 24, 5, 36, 13)(2, 30, 8, 42, 18)(3, 33, 10, 45, 21)(4, 35, 12, 47, 23)(6, 39, 15, 50, 27)(7, 41, 17, 52, 29)(9, 44, 20, 54, 32)(11, 46, 22, 55, 34)(14, 49, 26, 57, 38)(16, 51, 28, 58, 40)(19, 53, 31, 59, 43)(25, 56, 37, 60, 48)]) \cong \text{C5}$

$N_1 = \text{Group}([(1, 2)(3, 6)(4, 7)(5, 42)(8, 36)(9, 14)(10, 50)(11, 16)(12, 52)(13, 30)(15, 45)(17, 47)(18, 24)(19, 25)(20, 57)(21, 39)(22, 58)(23, 41)(26, 54)(27, 33)(28, 55)(29, 35)(31, 60)(32, 49)(34, 51)(37, 59)(38, 44)(40, 46)(43, 56)(48, 53), (1, 3)(2, 6)(4, 19)(5, 10)(7, 25)(8, 15)(9, 11)(12, 31)(13, 21)(14, 16)(17, 37)(18, 27)(20, 22)(23, 43)(24, 33)(26, 28)(29, 48)(30, 39)(32, 34)(35, 53)(36, 45)(38, 40)(41, 56)(42, 50)(44, 46)(47, 59)(49, 51)(52, 60)(54, 55)(57, 58), (1, 4, 11)(2, 7, 16)(3, 9, 19)(5, 12, 22)(6, 14, 25)(8, 17, 28)(10, 20, 31)(13, 23, 34)(15, 26, 37)(18, 29, 40)(21, 32, 43)(24, 35, 46)(27, 38, 48)(30, 41, 51)(33, 44, 53)(36, 47, 55)(39, 49, 56)(42, 52, 58)(45, 54, 59)(50, 57, 60), (1, 5, 13, 24, 36)(2, 8, 18, 30, 42)(3, 10, 21, 33, 45)(4, 12, 23, 35, 47)(6, 15, 27, 39, 50)(7, 17, 29, 41, 52)(9, 20, 32, 44, 54)(11, 22, 34, 46, 55)(14, 26, 38, 49, 57)(16, 28, 40, 51, 58)(19, 31, 43, 53, 59)(25, 37, 48, 56, 60)]) \cong \text{S3 x D10}$   
 $N_2 = \text{Group}([(1, 24, 5, 36, 13)(2, 30, 8, 42, 18)(3, 33, 10, 45, 21)(4, 35, 12, 47, 23)(6, 39, 15, 50, 27)(7, 41, 17, 52, 29)(9, 44, 20, 54, 32)(11, 46, 22, 55, 34)(14, 49, 26, 57, 38)(16, 51, 28, 58, 40)(19, 53, 31, 59, 43)(25, 56, 37, 60, 48), (1, 2)(3, 6)(4, 7)(5, 42)(8, 36)(9, 14)(10, 50)(11, 16)(12, 52)(13, 30)(15, 45)(17, 47)(18, 24)(19, 25)(20, 57)(21, 39)(22, 58)(23, 41)(26, 54)(27, 33)(28, 55)(29, 35)(31, 60)(32, 49)(34, 51)(37, 59)(38, 44)(40, 46)(43, 56)(48, 53), (1, 3)(2, 6)(4, 19)(5, 10)(7, 25)(8, 15)(9, 11)(12, 31)(13, 21)(14, 16)(17, 37)(18, 27)(20, 22)(23, 43)(24, 33)(26, 28)(29, 48)(30, 39)(32, 34)(35, 53)(36, 45)(38, 40)(41, 56)(42, 50)(44, 46)(47, 59)(49, 51)(52, 60)(54, 55)(57, 58), (1, 4, 11)(2, 7, 16)(3, 9, 19)(5, 12, 22)(6, 14, 25)(8, 17, 28)(10, 20, 31)(13, 23, 34)(15, 26, 37)(18, 29, 40)(21, 32, 43)(24, 35, 46)(27, 38, 48)(30, 41, 51)(33, 44, 53)(36, 47, 55)(39, 49, 56)(42, 52, 58)(45, 54, 59)(50, 57, 60)]) \cong \text{S3 x D10}$