The group G is isomorphic to the group labelled by ["could not identify G"] in the Small Groups library.
Ordinary character table of $G \cong$ (C3 . A6) : C2:

	1a	2a	2b	2c	3a	3b	3c	4a	4b	5a	6a	6b	6c	12a	15a	15b
χ_{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
χ_{3}	5	−3	1	1	5	2	−1	−1	−1	0	1	0	1	−1	0	0
χ_{4}	5	−1	3	1	5	−1	2	−1	1	0	1	−1	0	−1	0	0
χ_{5}	5	1	−3	1	5	−1	2	−1	−1	0	1	1	0	−1	0	0
χ_{6}	5	3	−1	1	5	2	−1	−1	1	0	1	0	−1	−1	0	0
χ_{7}	6	0	0	−2	−3	0	0	2	0	1	1	0	0	−1	$-E(15)^7 - E(15)^{11} - E(15)^{13} - E(15)^{14}$	$-E(15) - E(15)^2 - E(15)^4 - E(15)^8$
χ_{8}	6	0	0	−2	−3	0	0	2	0	1	1	0	0	−1	$-E(15) - E(15)^2 - E(15)^4 - E(15)^8$	$-E(15)^7 - E(15)^{11} - E(15)^{13} - E(15)^{14}$
χ_{9}	9	−3	−3	1	9	0	0	1	1	−1	1	0	0	1	−1	−1
χ_{10}	9	3	3	1	9	0	0	1	−1	−1	1	0	0	1	−1	−1
χ_{11}	10	−2	2	−2	10	1	1	0	0	0	−2	1	−1	0	0	0
χ_{12}	10	2	−2	−2	10	1	1	0	0	0	−2	−1	1	0	0	0
χ_{13}	12	0	0	4	−6	0	0	0	0	2	−2	0	0	0	−1	−1
χ_{14}	16	0	0	0	16	−2	−2	0	0	1	0	0	0	0	1	1
χ_{15}	18	0	0	2	−9	0	0	2	0	−2	−1	0	0	−1	1	1
χ_{16}	30	0	0	−2	−15	0	0	−2	0	0	1	0	0	1	0	0

Trivial source character table of G $\cong$ (C3 . A6) : C2 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}	N_{12}	N_{13}	N_{14}		N_{15}		N_{16}	N_{17}	N_{18}		N_{19}
$p-$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}	P_{12}	P_{13}	P_{14}		P_{15}		P_{16}	P_{17}	P_{18}		P_{19}
Representatives $n_j \in N_i$	1a	3a	3b	3c	5a	15a	15b	1a	3c	1a	3b	1a	3a	1a	3a	1a	1a	3c	3a	3c	1a	1a	1a	3a	3b	3b	1a	1a	1a	1a	3a	1a	3b	1a	1a	1a	3c	1a
$1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 1 \cdot \chi_{3} + 1 \cdot \chi_{4} + 1 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 1 \cdot \chi_{10} + 2 \cdot \chi_{11} + 2 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	80	80	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 1 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	48	48	0	6	−2	−2	−2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	48	48	6	0	−2	−2	−2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 1 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16}$	48	−24	0	0	3	$-E(15) - E(15)^2 - E(15)^4 - 2*E(15)^7 - E(15)^8 - 2*E(15)^{11} - 2*E(15)^{13} - 2*E(15)^{14}$	$-2*E(15) - 2*E(15)^2 - 2*E(15)^4 - E(15)^7 - 2*E(15)^8 - E(15)^{11} - E(15)^{13} - E(15)^{14}$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 1 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16}$	48	−24	0	0	3	$-2*E(15) - 2*E(15)^2 - 2*E(15)^4 - E(15)^7 - 2*E(15)^8 - E(15)^{11} - E(15)^{13} - E(15)^{14}$	$-E(15) - E(15)^2 - E(15)^4 - 2*E(15)^7 - E(15)^8 - 2*E(15)^{11} - 2*E(15)^{13} - 2*E(15)^{14}$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 1 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	16	16	−2	−2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16}$	48	−24	0	0	−2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 1 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	40	40	4	4	0	0	0	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	24	24	0	3	−1	−1	−1	8	−1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 1 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	40	40	4	4	0	0	0	0	0	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	24	24	3	0	−1	−1	−1	0	0	8	−1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 1 \cdot \chi_{3} + 1 \cdot \chi_{4} + 1 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	40	40	4	4	0	0	0	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 2 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16}$	72	−36	0	0	2	−1	−1	0	0	0	0	8	−4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	20	20	2	2	0	0	0	0	0	0	0	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 1 \cdot \chi_{7} + 1 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 2 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16}$	84	−42	0	0	4	−2	−2	0	0	0	0	4	−2	4	−2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 1 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	20	20	2	2	0	0	0	0	0	8	2	4	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 1 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	12	12	0	6	2	2	2	0	0	0	0	4	4	0	0	0	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	28	28	4	−2	−2	−2	−2	0	0	0	0	4	4	0	0	0	4	−2	4	−2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16}$	60	−30	0	0	0	0	0	0	0	0	0	4	−2	0	0	0	4	4	−2	−2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	12	−6	0	0	2	−1	−1	0	0	0	0	4	−2	0	0	0	4	−2	−2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 2 \cdot \chi_{4} + 1 \cdot \chi_{5} + 2 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 4 \cdot \chi_{10} + 2 \cdot \chi_{11} + 2 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	116	116	8	8	−4	−4	−4	12	0	12	0	4	4	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 1 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	20	20	2	2	0	0	0	8	2	0	0	4	4	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 1 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	12	12	6	0	2	2	2	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 1 \cdot \chi_{16}$	60	−30	0	0	0	0	0	0	0	0	0	4	−2	0	0	0	0	0	0	0	0	0	4	−2	4	−2	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 1 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	28	28	−2	4	−2	−2	−2	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	4	4	−2	−2	0	0	0	0	0	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	12	−6	0	0	2	−1	−1	0	0	0	0	4	−2	0	0	0	0	0	0	0	0	0	4	−2	−2	1	0	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	20	20	2	2	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	6	6	0	3	1	1	1	4	1	0	0	2	2	0	0	0	2	2	2	2	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	10	10	1	1	0	0	0	4	1	4	1	2	2	2	2	2	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
$1 \cdot \chi_{1} + 1 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	2	2	2	2	2	2	2	0	0	0	0	2	2	2	2	0	2	2	2	2	0	0	2	2	2	2	0	0	0	2	2	0	0	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16}$	18	−9	0	0	−2	1	1	0	0	0	0	2	−1	2	−1	0	2	2	−1	−1	0	0	2	−1	2	−1	0	0	0	2	−1	0	0	0	0	0	0	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 1 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 1 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	30	30	6	0	0	0	0	6	0	2	2	2	2	0	0	0	0	0	0	0	2	2	2	2	2	2	0	0	0	0	0	2	2	0	0	0	0	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	14	14	−1	2	−1	−1	−1	6	0	2	−1	2	2	0	0	0	0	0	0	0	2	2	2	2	−1	−1	0	0	0	0	0	2	−1	0	0	0	0	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 1 \cdot \chi_{9} + 2 \cdot \chi_{10} + 1 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	58	58	4	4	−2	−2	−2	6	0	6	0	2	2	2	2	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	6	6	3	0	1	1	1	0	0	4	1	2	2	0	0	2	0	0	0	0	0	0	2	2	2	2	2	0	0	0	0	0	0	0	2	0	0	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 1 \cdot \chi_{4} + 1 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	30	30	0	6	0	0	0	2	2	6	0	2	2	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0
$0 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 1 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	14	14	2	−1	−1	−1	−1	2	−1	6	0	2	2	0	0	2	2	−1	2	−1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	−1	0
$1 \cdot \chi_{1} + 0 \cdot \chi_{2} + 0 \cdot \chi_{3} + 0 \cdot \chi_{4} + 0 \cdot \chi_{5} + 0 \cdot \chi_{6} + 0 \cdot \chi_{7} + 0 \cdot \chi_{8} + 0 \cdot \chi_{9} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16}$	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	1	1	1	1	1	1	1	1	1	1	1	1	1

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ C2
$P_3 = Group([(1,8)(2,3)(4,17)(5,9)(6,16)(7,14)(10,11)(12,18)(13,15)]) \cong$ C2
$P_4 = Group([(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong$ C2
$P_5 = Group([(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(4,14,17,7)(6,18,15,10)(11,16,12,13)]) \cong$ C4
$P_6 = Group([(1,8)(2,3)(4,7)(5,9)(6,11)(10,16)(12,15)(13,18)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong$ C2 x C2
$P_7 = Group([(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong$ C2 x C2
$P_8 = Group([(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ C2 x C2
$P_9 = Group([(2,9)(3,5)(4,17)(6,13)(10,11)(12,18)(15,16),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong$ C2 x C2
$P_10 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong$ C2 x C2
$P_11 = Group([(2,9)(3,5)(4,14,17,7)(6,11,15,12)(10,13,18,16),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong$ C4
$P_12 = Group([(2,9)(3,5)(4,17)(6,13)(10,11)(12,18)(15,16),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong$ D8
$P_13 = Group([(1,8)(2,3)(4,7)(5,9)(6,11)(10,16)(12,15)(13,18)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(4,14,17,7)(6,18,15,10)(11,16,12,13)]) \cong$ D8
$P_14 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong$ D8
$P_15 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ C2 x C2 x C2
$P_16 = Group([(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(4,14,17,7)(6,18,15,10)(11,16,12,13),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ C4 x C2
$P_17 = Group([(1,8)(2,3)(4,7)(5,9)(6,11)(10,16)(12,15)(13,18)(14,17),(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong$ D8
$P_18 = Group([(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ C2 x C2 x C2
$P_19 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ C2 x D8

$N_1 = Group([(1,2,7,11,4)(3,8,15,17,10)(5,9,16,18,12),(2,6)(3,5)(4,10)(8,14)(9,13)(11,17)(15,16)]) \cong$ (C3 . A6) : C2
$N_2 = Group([(4,14)(6,10)(7,17)(11,16)(12,13)(15,18),(2,9)(3,5)(6,16)(7,14)(10,12)(11,18)(13,15),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16),(1,2)(3,8)(4,7)(5,9)(10,15)(12,16)]) \cong$ C2 x S4
$N_3 = Group([(1,8)(2,3)(4,17)(5,9)(6,16)(7,14)(10,11)(12,18)(13,15),(2,9)(3,5)(6,16)(7,14)(10,12)(11,18)(13,15),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(1,4)(2,18)(3,12)(5,10)(6,16)(7,14)(8,17)(9,11)(13,15)]) \cong$ C2 x S4
$N_4 = Group([(2,9)(3,5)(6,16)(7,14)(10,12)(11,18)(13,15),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(1,3)(4,6,17,15)(7,10,14,18)(8,9)(11,16,12,13),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ D8 x S3
$N_5 = Group([(1,9)(2,5)(3,8)(4,10)(6,14)(7,15)(17,18),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(4,14,17,7)(6,18,15,10)(11,16,12,13),(1,8)(2,5)(3,9)(6,15)(7,14)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ D8 x S3
$N_6 = Group([(1,8)(2,3)(4,7)(5,9)(6,11)(10,16)(12,15)(13,18)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(6,15)(7,14)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ C2 x D8
$N_7 = Group([(1,5)(2,9)(4,10)(6,17)(7,15)(11,13)(14,18),(1,2)(3,8)(5,9)(6,18)(11,13)(14,17),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(6,15)(7,14)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ S4 x S3
$N_8 = Group([(4,14)(6,10)(7,17)(11,16)(12,13)(15,18),(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ C2 x D8
$N_9 = Group([(4,14)(6,10)(7,17)(11,16)(12,13)(15,18),(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(2,9)(3,5)(4,17)(6,13)(10,11)(12,18)(15,16),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong$ C2 x D8
$N_10 = Group([(1,4)(2,11)(3,10)(5,12)(8,17)(9,18),(2,9)(3,5)(6,16)(7,14)(10,12)(11,18)(13,15),(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(1,5)(2,8)(4,16,17,13)(6,10,15,18)(7,11,14,12)]) \cong$ S4 x S3
$N_11 = Group([(2,9)(3,5)(4,14,17,7)(6,11,15,12)(10,13,18,16),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(6,15)(7,14)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ C2 x D8
$N_12 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(2,9)(3,5)(4,17)(6,13)(10,11)(12,18)(15,16),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16)]) \cong$ C2 x D8
$N_13 = Group([(1,8)(2,3)(4,7)(5,9)(6,11)(10,16)(12,15)(13,18)(14,17),(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(4,14,17,7)(6,18,15,10)(11,16,12,13)]) \cong$ C2 x D8
$N_14 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(6,15)(7,14)(13,16),(1,9)(2,5)(3,8)(4,6)(7,18)(10,14)(11,16)(12,13)(15,17),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ D8 x S3
$N_15 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(1,7)(2,6)(3,16)(4,17)(5,15)(8,14)(9,13)(10,11)(12,18),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ C2 x S4
$N_16 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,5)(3,9)(4,14,17,7)(6,18,15,10)(11,16,12,13),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ C2 x D8
$N_17 = Group([(1,8)(2,3)(4,7)(5,9)(6,11)(10,16)(12,15)(13,18)(14,17),(2,9)(3,5)(6,16)(7,14)(10,12)(11,18)(13,15),(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(2,9)(3,5)(4,7,17,14)(6,12,15,11)(10,16,18,13)]) \cong$ C2 x D8
$N_18 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,9)(2,3)(5,8)(7,17)(11,16)(15,18),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ C2 x S4
$N_19 = Group([(1,8)(2,5)(3,9)(4,17)(10,18)(11,12),(4,7)(6,18)(10,15)(11,13)(12,16)(14,17),(4,17)(6,15)(7,14)(10,18)(11,12)(13,16),(1,8)(2,3)(5,9)(6,13)(10,12)(11,18)(15,16)]) \cong$ C2 x D8