	1a	4a	2a	4b	3a	6a	15a	30a	5a	10a	15b	30b	30c	15c	30d	15d	5b	10b
χ_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
χ_3	1	-E(4)	-1	E(4)	1	-1	1	-1	1	-1	1	-1	-1	1	-1	1	1	-1
χ_4	1	E(4)	-1	-E(4)	1	-1	1	-1	1	-1	1	-1	-1	1	-1	1	1	-1
χ_5	2	0	-2	0	-1	1	-1	1	2	-2	-1	1	1	-1	1	-1	2	-2
χ_6	2	0	2	0	-1	-1	-1	-1	2	2	-1	-1	-1	-1	-1	-1	2	2
χ_7	2	0	-2	0	2	-2	$E(5)^2 + E(5)^3$	$-E(5)^2 - E(5)^3$	$E(5)^2 + E(5)^3$	$-E(5)^2 - E(5)^3$	$E(5) + E(5)^4$	$-E(5) - E(5)^4$	$-E(5) - E(5)^4$	$E(5) + E(5)^4$	$-E(5)^2 - E(5)^3$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$-E(5) - E(5)^2$
χ_8	2	0	-2	0	2	-2	$E(5) + E(5)^4$	$-E(5) - E(5)^4$	$E(5) + E(5)^4$	$-E(5) - E(5)^4$	$E(5)^2 + E(5)^3$	$-E(5)^2 - E(5)^3$	$-E(5)^2 - E(5)^3$	$E(5)^2 + E(5)^3$	$-E(5) - E(5)^4$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$-E(5)^2 - E(5)$
χ_9	2	0	2	0	2	2	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5) + E(5)^4$
χ_{10}	2	0	2	0	2	2	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$
χ_{11}	2	0	-2	0	-1	1	$E(15)^7 + E(15)^8$	$-E(15)^7 - E(15)^8$	$E(5) + E(5)^4$	$-E(5) - E(5)^4$	$E(15) + E(15)^{14}$	$-E(15) - E(15)^{14}$	$-E(15)^4 - E(15)^{11}$	$E(15)^4 + E(15)^{11}$	$-E(15)^2 - E(15)^{13}$	$E(15)^2 + E(15)^{13}$	$E(5)^2 + E(5)^3$	$-E(5)^2 - E(5)^2$
χ_{12}	2	0	-2	0	-1	1	$E(15)^4 + E(15)^{11}$	$-E(15)^4 - E(15)^{11}$	$E(5)^2 + E(5)^3$	$-E(5)^2 - E(5)^3$	$E(15)^7 + E(15)^8$	$-E(15)^7 - E(15)^8$	$-E(15)^2 - E(15)^{13}$	$E(15)^2 + E(15)^{13}$	$-E(15) - E(15)^{14}$	$E(15) + E(15)^{14}$	$E(5) + E(5)^4$	-E(5) - E(5)
χ13	2	0	-2	0	-1	1	$E(15)^2 + E(15)^{13}$	()	$E(5) + E(5)^4$	$-E(5) - E(5)^4$	$E(15)^4 + E(15)^{11}$	$-E(15)^4 - E(15)^{11}$	$-E(15) - E(15)^{14}$	$E(15) + E(15)^{14}$	$-E(15)^7 - E(15)^8$	$E(15)^7 + E(15)^8$	$E(5)^2 + E(5)^3$	$-E(5)^2 - E(5)^2$
χ_{14}	2	0	-2	0	-1	1	$E(15) + E(15)^{14}$	$-E(15) - E(15)^{14}$	$E(5)^2 + E(5)^3$	$-E(5)^2 - E(5)^3$	$E(15)^2 + E(15)^{13}$	$-E(15)^2 - E(15)^{13}$	$-E(15)^7 - E(15)^8$	$E(15)^7 + E(15)^8$	$-E(15)^4 - E(15)^{11}$	$E(15)^4 + E(15)^{11}$	$E(5) + E(5)^4$	-E(5) - E(5)
χ_{15}	2	0	2	0	-1	-1	$E(15)^7 + E(15)^8$	$E(15)^7 + E(15)^8$	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(15) + E(15)^{14}$	$E(15) + E(15)^{14}$	$E(15)^4 + E(15)^{11}$	$E(15)^4 + E(15)^{11}$	$E(15)^2 + E(15)^{13}$	$E(15)^2 + E(15)^{13}$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$
χ ₁₆	2	0	2	0	-1	-1	$E(15)^4 + E(15)^{11}$	$E(15)^4 + E(15)^{11}$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(15)^7 + E(15)^8$	$E(15)^7 + E(15)^8$	$E(15)^2 + E(15)^{13}$	$E(15)^2 + E(15)^{13}$	$E(15) + E(15)^{14}$	$E(15) + E(15)^{14}$	$E(5) + E(5)^4$	$E(5) + E(5)^4$
χ_{17}	2	0	2	0	-1	-1	$E(15)^2 + E(15)^{13}$	$E(15)^2 + E(15)^{13}$	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(15)^4 + E(15)^{11}$	$E(15)^4 + E(15)^{11}$	$E(15) + E(15)^{14}$	$E(15) + E(15)^{14}$	$E(15)^7 + E(15)^8$	$E(15)^7 + E(15)^8$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^2$
χ_{18}	2	0	2	0	-1	-1	$E(15) + E(15)^{14}$	$E(15) + E(15)^{14}$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(15)^2 + E(15)^{13}$	$E(15)^2 + E(15)^{13}$	$E(15)^7 + E(15)^8$	$E(15)^7 + E(15)^8$	$E(15)^4 + E(15)^{11}$	$E(15)^4 + E(15)^{11}$	$E(5) + E(5)^4$	$E(5) + E(5)^4$
					T				N_2			$ N_3 $						
					+				$\frac{P_2}{P_2}$			$\begin{array}{c c} P_3 \\ \hline \end{array}$						
			15b		1 <i>a</i>		5a $3a$	5b	$\frac{12}{15d}$	15b	15a	15c $1a$						

Normalisers N_i		N_1								N_2						
p-subgroups of G up to conjugacy in G		P_1								P_2					P	
Representatives $n_j \in N_i$	1a 3a	5a	15a	5b	15d	15c	15b	1 <i>a</i>	5a	3a $5b$	15d	15b	15a	15c	11	
$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_{19} + 0 \cdot $	(18 4 4	4	4	4	4	4	4	0	0	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 + 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 $	$(18 \ \ 4 \ -2)$	4	-2	4	-2	-2	-2	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 + 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} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot $	$\langle 18 \mid 4 \mid 4 \rangle$	$2*E(5)^2 + 2*E(5)^3$	$2*E(5)^2 + 2*E(5)^3$	$2*E(5) + 2*E(5)^4$	$2*E(5)^2 + 2*E(5)^3$	$2*E(5) + 2*E(5)^4$	$2*E(5) + 2*E(5)^4$	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 + 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} + 0 \cdot \chi_{17} + 0 \cdot \chi_{19} + 0 \cdot $	$\langle 18 \mid 4 \mid 4 \rangle$	$2*E(5) + 2*E(5)^4$	$2*E(5) + 2*E(5)^4$	$2*E(5)^2 + 2*E(5)^3$	$2*E(5) + 2*E(5)^4$	$2*E(5)^2 + 2*E(5)^3$	$2*E(5)^2 + 2*E(5)^3$	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} + 1 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 1 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot $	(18 4 -2)	$2*E(5)^2 + 2*E(5)^3$	$2*E(15)^4 + 2*E(15)^{11}$	$2*E(5) + 2*E(5)^4$	$2 * E(15) + 2 * E(15)^{14}$	$2*E(15)^2 + 2*E(15)^{13}$	$2 * E(15)^7 + 2 * E(15)^8$	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} + 1 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 1 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot $	(18 4 -2)	$2*E(5) + 2*E(5)^4$	$2*E(15)^2 + 2*E(15)^{13}$	$2*E(5)^2 + 2*E(5)^3$	$2*E(15)^7 + 2*E(15)^8$	$2 * E(15) + 2 * E(15)^{14}$	$2 * E(15)^4 + 2 * E(15)^{11}$	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} + 0 \cdot \chi_{17} + 1 \cdot \chi_{19} + 0 \cdot $	(18 4 -2)	$2*E(5)^2 + 2*E(5)^3$	$2*E(15) + 2*E(15)^{14}$	$2*E(5) + 2*E(5)^4$	$2*E(15)^4 + 2*E(15)^{11}$	$2*E(15)^7 + 2*E(15)^8$	$2*E(15)^2 + 2*E(15)^{13}$	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} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 1 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{19} + 0 \cdot $	$(18 \ \ 4 \ -2)$	$2*E(5) + 2*E(5)^4$	$2*E(15)^7 + 2*E(15)^8$	$2*E(5)^2 + 2*E(5)^3$	$2*E(15)^2 + 2*E(15)^{13}$	$2*E(15)^4 + 2*E(15)^{11}$	$2*E(15) + 2*E(15)^{14}$	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} + 0 \cdot \chi_{17} + 0 \cdot \chi_{19} + 0 \cdot $	(18 2 2	2	2	2	2	2	2	2	2	2 2	2	2	2	2	(
$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} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{19} + 0 \cdot $	$\chi_{18} 2 -1$	2	-1	2	-1	-1	-1	2	2	-1 2	-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} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{19} + 0 \cdot $	$\chi_{18} \mid 2 2$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5) + E(5)^4$	2 E(5)	$)^2 + E(5)^3$	2 E(5) +	$E(5)^4$ $E(5)^2 + E(5)^2$	$E(5)^3 E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	(
$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} + 0 \cdot \chi_{13} + 0 \cdot \chi_{14} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{19} + 0 \cdot $	$\chi_{18} \mid 2 2$	$E(5) + E(5)^4$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	$E(5)^2 + E(5)^3$	2 E(5)	$E(5)^4$	$2 E(5)^2 +$	$E(5)^3$ $E(5) + E(5)$	$E(5)^2 + E(5)^3$	$E(5) + E(5)^4$	$E(5)^2 + E(5)^3$	(
$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 $	$\chi_{18} 2 -1$	$E(5)^2 + E(5)^3$	$E(15) + E(15)^{14}$	$E(5) + E(5)^4$	$E(15)^4 + E(15)^{11}$	$E(15)^7 + E(15)^8$	$E(15)^2 + E(15)^{13}$	2 E(5)	$E(5)^3$	-1 E(5) +	$E(5)^4$ $E(15)^4 + E(1$	$(5)^{11}$ $E(15)^2 + E(15)^{13}$	$E(15) + E(15)^{14}$	$E(15)^7 + E(15)^8$	3 (
$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} + 0 \cdot \chi_{17} + 0 \cdot \chi_{19} + 0 \cdot $	$\binom{1}{18} 2 -1$	$E(5) + E(5)^4$	$E(15)^7 + E(15)^8$	$E(5)^2 + E(5)^3$	$E(15)^2 + E(15)^{13}$	$E(15)^4 + E(15)^{11}$	$E(15) + E(15)^{14}$	2 E(5)	$E(5)^4$	$-1 E(5)^2 +$	$E(5)^3$ $E(15)^2 + E(1$	$(5)^{13}$ $E(15) + E(15)^{14}$	$E(15)^7 + E(15)^8$	$E(15)^4 + E(15)^{11}$	1	
$0\cdot\chi_{1}+0\cdot\chi_{2}+0\cdot\chi_{3}+0\cdot\chi_{4}+0\cdot\chi_{5}+0\cdot\chi_{6}+0\cdot\chi_{7}+0\cdot\chi_{8}+0\cdot\chi_{9}+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}+0\cdot\chi_{15}+1\cdot\chi_{16}+0\cdot\chi_{17}+0\cdot\chi_{19}+0$	$\binom{1}{18} 2 -1$	$E(5)^2 + E(5)^3$	$E(15)^4 + E(15)^{11}$	$E(5) + E(5)^4$	$E(15) + E(15)^{14}$	$E(15)^2 + E(15)^{13}$	$E(15)^7 + E(15)^8$	2 E(5)	$(2 + E(5)^3)$	-1 E(5) +	$E(5)^4$ $E(15) + E(15)$	$E(15)^7 + E(15)^8$	$E(15)^4 + E(15)^{11}$	$E(15)^2 + E(15)^{13}$	3	
$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} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot $		$E(5) + E(5)^4$	$E(15)^2 + E(15)^{13}$	$E(5)^{2} + E(5)^{3}$	$E(15)^7 + E(15)^8$	$E(15) + E(15)^{14}$	$E(15)^4 + E(15)^{11}$	2 E(5)	$E(5)^4$	$-1 E(5)^2 +$	$E(5)^3$ $E(15)^7 + E(15)^7 + E(15)$	$(15)^8 E(15)^4 + E(15)^{11}$	$E(15)^2 + E(15)^{13}$	$E(15) + E(15)^{14}$	ė	
$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_{19} + 0 \cdot $	-	1	1	1	1	1	1	1	1	1 1	1	1	1	1	\top	

 $P_1 = Group([()]) \cong 1$

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

 $P_3 = Group([(1,3)(2,6)(4,9)(5,10)(7,14)(8,15)(11,19)(12,20)(13,21)(16,25)(17,26)(18,27)(22,31)(23,32)(24,33)(28,37)(29,38)(30,39)(34,43)(35,44)(36,45)(40,48)(41,49)(42,50)(46,53)(47,54)(51,56)(52,57)(55,59)(58,60),(1,2,3,6)(4,16,9,25)(5,42,10,50)(7,19,14,11)(8,45,15,36)(12,58,20,60)(13,30,21,39)(17,59,26,55)(18,33,27,24)(22,52,31,57)(23,51,32,56)(28,54,37,47)(29,53,38,46)(34,41,49)(42,50)(46,53)(47,54)(51,56)(52,57)(55,59)(58,60),(1,2,3,6)(4,16,9,25)(17,26)(18,27)(22,31)(23,32)(24,33)(28,37)(29,38)(30,39)(34,43)(35,44)(36,45)(40,48)(41,49)(42,50)(46,53)(47,54)(51,56)(52,57)(55,59)(58,60),(1,2,3,6)(41,49)(42,50)(46,53)(47,54)(51,56)(52,57)(55,59)(58,60),(1,2,3,6)(41,49)(42,50)(46,53)(47,54)(51,56)(52,57)(55,59)(58,60),(1,2,3,6)(41,49)(42,50)(46,53)(47,54)(51,56)(52,57)(55,59)(58,60),(1,2,3,6)(41,49)(42,50)(46,53)(47,54)(51,56)(52,57)(55,59)(58,60),(1,2,3,6)(41,49)(42,50)(46,53)(47,54)(51,56)(52,57)(55,59)(58,60),(1,2,3,6)(41,49)(42,50)(46,53)(47,54)(47$

 $N_1 = Group([[1,2,3,6)(4,16,9,25)(5,42,10,50)(7,19,14,11)(8,45,15,36)(12,58)(15,42,10,50)(7,19,14,11)(8,45,15,36)(12,58)(15,42,10,50)(13,32,14)(15,25)(15,27)(15,$