The group G is isomorphic to the group labelled by [48, 33] in the Small Groups library.
Ordinary character table of $G \cong$ ((C4 x C2) : C2) : C3:

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

Trivial source character table of $G \cong$ ((C4 x C2) : C2) : C3 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}		
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}		
Representatives $n_j \in N_i$	$1a$	$3a$	$3b$	$1a$	$3a$	$3b$	$1a$	$1a$	$3a$	$3b$	$1a$	$1a$	$1a$	$3a$	$3b$	$1a$	$1a$	$1a$	$3a$	$3b$
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}+1\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}$	16	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+1\cdot\chi_9+0\cdot\chi_{10}+1\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}$	16	$4*E(3)^2$	$4*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+0\cdot\chi_9+1\cdot\chi_{10}+0\cdot\chi_{11}+1\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}$	16	$4*E(3)$	$4*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}$	8	2	2	8	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}$	8	$2*E(3)$	$2*E(3)^2$	8	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}$	8	$2*E(3)^2$	$2*E(3)$	8	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+1\cdot\chi_7+1\cdot\chi_8+1\cdot\chi_9+1\cdot\chi_{10}+1\cdot\chi_{11}+1\cdot\chi_{12}+2\cdot\chi_{13}+1\cdot\chi_{14}$	24	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}$	4	1	1	4	1	1	0	4	1	1	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}$	4	$E(3)$	$E(3)^2$	4	$E(3)$	$E(3)^2$	0	4	$E(3)$	$E(3)^2$	0	0	0	0	0	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}$	4	$E(3)^2$	$E(3)$	4	$E(3)^2$	$E(3)$	0	4	$E(3)^2$	$E(3)$	0	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+1\cdot\chi_2+1\cdot\chi_3+1\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+1\cdot\chi_{14}$	12	0	0	12	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+2\cdot\chi_{13}+1\cdot\chi_{14}$	12	0	0	12	0	0	4	0	0	0	0	4	0	0	0	0	0	0	0	0
$1\cdot\chi_1+1\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	2	2	2	2	2	2	0	0	0	0	2	0	2	2	2	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+1\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	2	$2*E(3)^2$	$2*E(3)$	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	2	0	2	$2*E(3)^2$	$2*E(3)$	0	0	0	0	0
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+1\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	2	$2*E(3)$	$2*E(3)^2$	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	2	0	2	$2*E(3)$	$2*E(3)^2$	0	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+1\cdot\chi_{14}$	6	0	0	6	0	0	2	6	0	0	2	2	0	0	0	2	0	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+1\cdot\chi_{13}+0\cdot\chi_{14}$	6	0	0	6	0	0	4	0	0	0	2	4	0	0	0	0	2	0	0	0
$1\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+1\cdot\chi_5+0\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	1	$E(3)^2$	$E(3)$	1	$E(3)^2$	$E(3)$	1	1	$E(3)^2$	$E(3)$	1	1	1	$E(3)^2$	$E(3)$	1	1	1	$E(3)^2$	$E(3)$
$0\cdot\chi_1+0\cdot\chi_2+0\cdot\chi_3+0\cdot\chi_4+0\cdot\chi_5+1\cdot\chi_6+0\cdot\chi_7+0\cdot\chi_8+0\cdot\chi_9+0\cdot\chi_{10}+0\cdot\chi_{11}+0\cdot\chi_{12}+0\cdot\chi_{13}+0\cdot\chi_{14}$	1	$E(3)$	$E(3)^2$	1	$E(3)$	$E(3)^2$	1	1	$E(3)$	$E(3)^2$	1	1	1	$E(3)$	$E(3)^2$	1	1	1	$E(3)$	$E(3)^2$

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48)]) \cong$ C2
$P_3 = Group([(1,24)(2,5)(3,37)(4,38)(6,9)(7,13)(8,15)(10,17)(11,45)(12,46)(14,20)(16,22)(18,26)(19,28)(21,30)(23,31)(25,48)(27,33)(29,35)(32,39)(34,41)(36,42)(40,43)(44,47)]) \cong$ C2
$P_4 = Group([(1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,2,6,10)(3,7,14,21)(4,8,16,23)(5,9,17,24)(11,18,27,34)(12,19,29,36)(13,20,30,37)(15,22,31,38)(25,32,40,44)(26,33,41,45)(28,35,42,46)(39,43,47,48)]) \cong$ C4
$P_5 = Group([(1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,17,6,5)(2,24,10,9)(3,30,14,13)(4,31,16,15)(7,37,21,20)(8,38,23,22)(11,41,27,26)(12,42,29,28)(18,45,34,33)(19,46,36,35)(25,47,40,39)(32,48,44,43)]) \cong$ C4
$P_6 = Group([(1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,24)(2,5)(3,37)(4,38)(6,9)(7,13)(8,15)(10,17)(11,45)(12,46)(14,20)(16,22)(18,26)(19,28)(21,30)(23,31)(25,48)(27,33)(29,35)(32,39)(34,41)(36,42)(40,43)(44,47)]) \cong$ C2 x C2
$P_7 = Group([(1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,17,6,5)(2,24,10,9)(3,30,14,13)(4,31,16,15)(7,37,21,20)(8,38,23,22)(11,41,27,26)(12,42,29,28)(18,45,34,33)(19,46,36,35)(25,47,40,39)(32,48,44,43), (1,31,6,15)(2,38,10,22)(3,42,14,28)(4,5,16,17)(7,46,21,35)(8,9,23,24)(11,47,27,39)(12,13,29,30)(18,48,34,43)(19,20,36,37)(25,26,40,41)(32,33,44,45)]) \cong$ Q8
$P_8 = Group([(1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,2,6,10)(3,7,14,21)(4,8,16,23)(5,9,17,24)(11,18,27,34)(12,19,29,36)(13,20,30,37)(15,22,31,38)(25,32,40,44)(26,33,41,45)(28,35,42,46)(39,43,47,48), (1,31,6,15)(2,38,10,22)(3,42,14,28)(4,5,16,17)(7,46,21,35)(8,9,23,24)(11,47,27,39)(12,13,29,30)(18,48,34,43)(19,20,36,37)(25,26,40,41)(32,33,44,45)]) \cong$ C4 x C2
$P_9 = Group([(1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,24)(2,5)(3,37)(4,38)(6,9)(7,13)(8,15)(10,17)(11,45)(12,46)(14,20)(16,22)(18,26)(19,28)(21,30)(23,31)(25,48)(27,33)(29,35)(32,39)(34,41)(36,42)(40,43)(44,47), (1,31,6,15)(2,38,10,22)(3,42,14,28)(4,5,16,17)(7,46,21,35)(8,9,23,24)(11,47,27,39)(12,13,29,30)(18,48,34,43)(19,20,36,37)(25,26,40,41)(32,33,44,45)]) \cong$ D8
$P_{10} = Group([(1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,2,6,10)(3,7,14,21)(4,8,16,23)(5,9,17,24)(11,18,27,34)(12,19,29,36)(13,20,30,37)(15,22,31,38)(25,32,40,44)(26,33,41,45)(28,35,42,46)(39,43,47,48), (1,17,6,5)(2,24,10,9)(3,30,14,13)(4,31,16,15)(7,37,21,20)(8,38,23,22)(11,41,27,26)(12,42,29,28)(18,45,34,33)(19,46,36,35)(25,47,40,39)(32,48,44,43), (1,31,6,15)(2,38,10,22)(3,42,14,28)(4,5,16,17)(7,46,21,35)(8,9,23,24)(11,47,27,39)(12,13,29,30)(18,48,34,43)(19,20,36,37)(25,26,40,41)(32,33,44,45)]) \cong$ (C4 x C2) : C2

$N_1 = Group([(1,2,6,10)(3,7,14,21)(4,8,16,23)(5,9,17,24)(11,18,27,34)(12,19,29,36)(13,20,30,37)(15,22,31,38)(25,32,40,44)(26,33,41,45)(28,35,42,46)(39,43,47,48), (1,3,11)(2,7,18)(4,13,39)(5,28,25)(6,14,27)(8,20,43)(9,35,32)(10,21,34)(12,26,15)(16,30,47)(17,42,40)(19,33,22)(23,37,48)(24,46,44)(29,41,31)(36,45,38), (1,4,6,16)(2,8,10,23)(3,12,14,29)(5,31,17,15)(7,19,21,36)(9,38,24,22)(11,25,27,40)(13,42,30,28)(18,32,34,44)(20,46,37,35)(26,47,41,39)(33,48,45,43), (1,5,6,17)(2,9,10,24)(3,13,14,30)(4,15,16,31)(7,20,21,37)(8,22,23,38)(11,26,27,41)(12,28,29,42)(18,33,34,45)(19,35,36,46)(25,39,40,47)(32,43,44,48), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48)]) \cong$ ((C4 x C2) : C2) : C3
$N_2 = Group([(1,2,6,10)(3,7,14,21)(4,8,16,23)(5,9,17,24)(11,18,27,34)(12,19,29,36)(13,20,30,37)(15,22,31,38)(25,32,40,44)(26,33,41,45)(28,35,42,46)(39,43,47,48), (1,3,11)(2,7,18)(4,13,39)(5,28,25)(6,14,27)(8,20,43)(9,35,32)(10,21,34)(12,26,15)(16,30,47)(17,42,40)(19,33,22)(23,37,48)(24,46,44)(29,41,31)(36,45,38), (1,4,6,16)(2,8,10,23)(3,12,14,29)(5,31,17,15)(7,19,21,36)(9,38,24,22)(11,25,27,40)(13,42,30,28)(18,32,34,44)(20,46,37,35)(26,47,41,39)(33,48,45,43), (1,5,6,17)(2,9,10,24)(3,13,14,30)(4,15,16,31)(7,20,21,37)(8,22,23,38)(11,26,27,41)(12,28,29,42)(18,33,34,45)(19,35,36,46)(25,39,40,47)(32,43,44,48), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48)]) \cong$ ((C4 x C2) : C2) : C3
$N_3 = Group([(1,24)(2,5)(3,37)(4,38)(6,9)(7,13)(8,15)(10,17)(11,45)(12,46)(14,20)(16,22)(18,26)(19,28)(21,30)(23,31)(25,48)(27,33)(29,35)(32,39)(34,41)(36,42)(40,43)(44,47), (1,2,6,10)(3,7,14,21)(4,8,16,23)(5,9,17,24)(11,18,27,34)(12,19,29,36)(13,20,30,37)(15,22,31,38)(25,32,40,44)(26,33,41,45)(28,35,42,46)(39,43,47,48), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48)]) \cong$ C4 x C2
$N_4 = Group([(1,2,6,10)(3,7,14,21)(4,8,16,23)(5,9,17,24)(11,18,27,34)(12,19,29,36)(13,20,30,37)(15,22,31,38)(25,32,40,44)(26,33,41,45)(28,35,42,46)(39,43,47,48), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,3,11)(2,7,18)(4,13,39)(5,28,25)(6,14,27)(8,20,43)(9,35,32)(10,21,34)(12,26,15)(16,30,47)(17,42,40)(19,33,22)(23,37,48)(24,46,44)(29,41,31)(36,45,38), (1,4,6,16)(2,8,10,23)(3,12,14,29)(5,31,17,15)(7,19,21,36)(9,38,24,22)(11,25,27,40)(13,42,30,28)(18,32,34,44)(20,46,37,35)(26,47,41,39)(33,48,45,43)]) \cong$ ((C4 x C2) : C2) : C3
$N_5 = Group([(1,17,6,5)(2,24,10,9)(3,30,14,13)(4,31,16,15)(7,37,21,20)(8,38,23,22)(11,41,27,26)(12,42,29,28)(18,45,34,33)(19,46,36,35)(25,47,40,39)(32,48,44,43), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,2,6,10)(3,7,14,21)(4,8,16,23)(5,9,17,24)(11,18,27,34)(12,19,29,36)(13,20,30,37)(15,22,31,38)(25,32,40,44)(26,33,41,45)(28,35,42,46)(39,43,47,48), (1,4,6,16)(2,8,10,23)(3,12,14,29)(5,31,17,15)(7,19,21,36)(9,38,24,22)(11,25,27,40)(13,42,30,28)(18,32,34,44)(20,46,37,35)(26,47,41,39)(33,48,45,43)]) \cong$ (C4 x C2) : C2
$N_6 = Group([(1,24)(2,5)(3,37)(4,38)(6,9)(7,13)(8,15)(10,17)(11,45)(12,46)(14,20)(16,22)(18,26)(19,28)(21,30)(23,31)(25,48)(27,33)(29,35)(32,39)(34,41)(36,42)(40,43)(44,47), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,2,6,10)(3,7,14,21)(4,8,16,23)(5,9,17,24)(11,18,27,34)(12,19,29,36)(13,20,30,37)(15,22,31,38)(25,32,40,44)(26,33,41,45)(28,35,42,46)(39,43,47,48), (1,4,6,16)(2,8,10,23)(3,12,14,29)(5,31,17,15)(7,19,21,36)(9,38,24,22)(11,25,27,40)(13,42,30,28)(18,32,34,44)(20,46,37,35)(26,47,41,39)(33,48,45,43)]) \cong$ (C4 x C2) : C2
$N_7 = Group([(1,31,6,15)(2,38,10,22)(3,42,14,28)(4,5,16,17)(7,46,21,35)(8,9,23,24)(11,47,27,39)(12,13,29,30)(18,48,34,43)(19,20,36,37)(25,26,40,41)(32,33,44,45), (1,17,6,5)(2,24,10,9)(3,30,14,13)(4,31,16,15)(7,37,21,20)(8,38,23,22)(11,41,27,26)(12,42,29,28)(18,45,34,33)(19,46,36,35)(25,47,40,39)(32,48,44,43), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,2,6,10)(3,7,14,21)(4,8,16,23)(5,9,17,24)(11,18,27,34)(12,19,29,36)(13,20,30,37)(15,22,31,38)(25,32,40,44)(26,33,41,45)(28,35,42,46)(39,43,47,48), (1,3,11)(2,7,18)(4,13,39)(5,28,25)(6,14,27)(8,20,43)(9,35,32)(10,21,34)(12,26,15)(16,30,47)(17,42,40)(19,33,22)(23,37,48)(24,46,44)(29,41,31)(36,45,38)]) \cong$ ((C4 x C2) : C2) : C3
$N_8 = Group([(1,31,6,15)(2,38,10,22)(3,42,14,28)(4,5,16,17)(7,46,21,35)(8,9,23,24)(11,47,27,39)(12,13,29,30)(18,48,34,43)(19,20,36,37)(25,26,40,41)(32,33,44,45), (1,2,6,10)(3,7,14,21)(4,8,16,23)(5,9,17,24)(11,18,27,34)(12,19,29,36)(13,20,30,37)(15,22,31,38)(25,32,40,44)(26,33,41,45)(28,35,42,46)(39,43,47,48), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,4,6,16)(2,8,10,23)(3,12,14,29)(5,31,17,15)(7,19,21,36)(9,38,24,22)(11,25,27,40)(13,42,30,28)(18,32,34,44)(20,46,37,35)(26,47,41,39)(33,48,45,43)]) \cong$ (C4 x C2) : C2
$N_9 = Group([(1,31,6,15)(2,38,10,22)(3,42,14,28)(4,5,16,17)(7,46,21,35)(8,9,23,24)(11,47,27,39)(12,13,29,30)(18,48,34,43)(19,20,36,37)(25,26,40,41)(32,33,44,45), (1,24)(2,5)(3,37)(4,38)(6,9)(7,13)(8,15)(10,17)(11,45)(12,46)(14,20)(16,22)(18,26)(19,28)(21,30)(23,31)(25,48)(27,33)(29,35)(32,39)(34,41)(36,42)(40,43)(44,47), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,2,6,10)(3,7,14,21)(4,8,16,23)(5,9,17,24)(11,18,27,34)(12,19,29,36)(13,20,30,37)(15,22,31,38)(25,32,40,44)(26,33,41,45)(28,35,42,46)(39,43,47,48)]) \cong$ (C4 x C2) : C2
$N_{10} = Group([(1,31,6,15)(2,38,10,22)(3,42,14,28)(4,5,16,17)(7,46,21,35)(8,9,23,24)(11,47,27,39)(12,13,29,30)(18,48,34,43)(19,20,36,37)(25,26,40,41)(32,33,44,45), (1,17,6,5)(2,24,10,9)(3,30,14,13)(4,31,16,15)(7,37,21,20)(8,38,23,22)(11,41,27,26)(12,42,29,28)(18,45,34,33)(19,46,36,35)(25,47,40,39)(32,48,44,43), (1,2,6,10)(3,7,14,21)(4,8,16,23)(5,9,17,24)(11,18,27,34)(12,19,29,36)(13,20,30,37)(15,22,31,38)(25,32,40,44)(26,33,41,45)(28,35,42,46)(39,43,47,48), (1,6)(2,10)(3,14)(4,16)(5,17)(7,21)(8,23)(9,24)(11,27)(12,29)(13,30)(15,31)(18,34)(19,36)(20,37)(22,38)(25,40)(26,41)(28,42)(32,44)(33,45)(35,46)(39,47)(43,48), (1,3,11)(2,7,18)(4,13,39)(5,28,25)(6,14,27)(8,20,43)(9,35,32)(10,21,34)(12,26,15)(16,30,47)(17,42,40)(19,33,22)(23,37,48)(24,46,44)(29,41,31)(36,45,38)]) \cong$ ((C4 x C2) : C2) : C3