The group G is isomorphic to the group labelled by $[64, 8]$ in the Small Groups library. Ordinary character table of $G \cong (((C4 \times C2) : C4) : C2) : 1$:			
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
Trivial source character table of $G \cong (((\text{C4 x C2}) : \text{C4}) : \text{C2}) : 1 \text{ at } p = 2:$			
$ \begin{vmatrix} 1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_5 + 1$			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			
$\frac{1 \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_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 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 \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{15} + 0 \cdot \chi_{16} + 0 \cdot \chi_{17} + 0 \cdot \chi_{18} + 0 \cdot \chi_{19} + 0 $			
## - Group (1.72) (2.32) (3.34) (3.45	$ j) \cong \mathbb{C} \times \mathbb{C} \\ j \cong \mathbb{C}$		
$P_{30} = Group([(1,7)(2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64), (1,22)(2,32)(3,38)(4,41)(5,42)(6,7)(8,48)(9,51)(10,52)(11,12)(13,55)(14,56)(15,16)(17,57)(18,19)(20,21)(23,60)(24,61)(25,26)(27,62)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,64)(44,45)(46,47)(49,50)(53,54)(58,59), \\ P_{31} = Group([(1,2,5,10)(3,23,14,43)(4,28,17,49)(6,11,20,30)(7,12,21,31)(8,63,24,55)(9,39,27,18)(13,48,33,61)(15,44,36,58)(16,45,37,59)(19,51,40,62)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(22,32,34,32)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(22,32,34,32)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(22,32,34,32)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(22,32,34,32)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64), (1,5)(28,60,56,64), (1,5)(28,60,56,64), (1,5)(28,60,56,64), (1,5)(28,60,56,64), (1,5)(28,60,56,64), (1,5)(28,60,5$	$ 2)(3,38)(4,41)(5,42)(6,7)(8,48)(9,51)(10,52)(11,12)(13,55)(14,56)(15,16)(17,57)(18,19)(20,21)(23,60)(24,61)(25,26)(27,62)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,64)(44,45)(46,47)(49,50)(53,54)(58,59)]) \cong C4 \times C2 \\ (3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64)]) \cong C4 \times C2 \\ (3,15)(4,18)(5,20)(7,22)(8,25)(9,28)(10,30)(12,32)(13,34)(14,36)(16,38)(17,39)(19,41)(21,42)(23,44)(24,46)(26,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64)]) \cong C4 \times C2 $		
$P_{35} = Group([[1,7](2,12)(3,16)(4,47)(25,48)(27,50)(28,26)(9,29)(10,31)(11,32)(13,35)(14,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64),(1,22)(2,32)(3,38)(4,41)(5,42)(6,7)(8,48)(9,51)(10,52)(11,12)(13,55)(14,56)(15,16)(17,57)(18,19)(20,21)(23,60)(24,61)(25,26)(27,62)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,64)(44,45)(46,47)(49,50)(53,54)(58,59),\\ P_{36} = Group([[1,7](2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64),\\ P_{37} = Group([[1,7](2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64),\\ P_{38} = Group([[1,7](2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64),\\ P_{39} = Group([[1,7](2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64),\\ P_{39} = Group([[1,7](2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,29)(30,31)(33,63)(34,35)(34,35)(36,37)(39,40)(43,64)(44,45)(46,47)(49,50)(53,54)(58,59),\\ P_{39} = Group([[1,7](2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(14,47)(25,48)(27,50)(28,29)(30,31)(33,63)(34,35)($	(1,3)(2,8)(4,35)(5,56)(6,15)(7,16)(9,45)(10,61)(11,25)(12,26)(13,19)(14,42)(17,53)(18,55)(20,37)(21,36)(22,38)(23,29)(24,52)(27,58)(28,60)(30,47)(31,46)(32,48)(33,39)(34,41)(40,63)(43,49)(44,51)(50,64)(54,57)(59,62), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(13,19)(14,42)(17,53)(18,55)(20,37)(21,36)(22,38)(23,29)(24,52)(27,58)(28,60)(30,47)(31,46)(32,48)(33,39)(34,41)(40,63)(43,49)(44,51)(50,64)(54,57)(59,62), (1,4,7,19)(2,9,12,29)(3,13,16,35)(5,17,16)(14,22,56)(22,43,261)(3,53,38,42)(4,54,41,53)(6,36,7,37)(8,10,48,52)(9,59,51,58)(11,46,12,47)(13,40,55,39)(15,20,16,21)(17,34,57,35)(18,63,19,33)(23,50,60,49)(25,30,26,31)(27,44,62,45)(28,64,29,43), (1,4,7,19)(2,9,12,29)(3,13,16,35)(5,17,21,40)(6,18)(11,25)(12,26)(13,19)(14,42)(17,53)(18,55)(20,37)(21,36)(22,38)(23,29)(24,52)(27,58)(28,60)(30,47)(31,46)(32,48)(33,39)(34,41)(40,63)(43,49)(44,51)(50,64)(54,57)(59,62), (1,4,7,19)(2,9,12,29)(3,13,16,35)(5,17,21,40)(6,18)(11,25)(12,26)(13,19)(14,42)(17,53)(18,55)(20,37)(21,36)(22,38)(23,29)(24,52)(27,58)(28,60)(30,47)(31,46)(32,48)(33,39)(34,41)(40,63)(43,49)(44,51)(50,64)(54,57)(59,62), (1,4,7,19)(2,9,12,29)(3,13,16,35)(5,17,19)(21,12,12,12,12,12,12,12,12,12,12,12,12,1	$4)(9,27)(11,30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(22,42)(23,43)(25,46)(26,47)(28,49)(29,50)(32,52)(34,53)(35,54)(38,56)(41,57)(44,58)(45,59)(48,61)(51,62)(55,63)(60,64)]) \cong (21,40)(6,18,22,41)(8,23,26,45)(10,27,31,50)(11,28,32,51)(14,33,37,54)(15,34,38,55)(20,39,42,57)(24,43,47,59)(25,44,48,60)(30,49,52,62)(36,53,56,63)(46,58,61,64)]) \cong (22 \times D8)$ $(22,41)(8,23,26,45)(10,27,31,50)(11,28,32,51)(14,33,37,54)(15,34,38,55)(20,39,42,57)(24,43,47,59)(25,44,48,60)(30,49,52,62)(36,53,56,63)(46,58,61,64)]) \cong (24 \times D8)$	
$P_{40} = Group([(1,7)(2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,64)(44,45)(46,47)(49,50)(53,54)(58,59),\\ P_{41} = Group([(1,7)(2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(44,47)(25,48)(27,50)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,64)(44,45)(46,47)(49,50)(53,54)(58,59),\\ P_{42} = Group([(1,7)(2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,64)(44,45)(46,47)(49,50)(53,54)(58,59),\\ P_{42} = Group([(1,7)(2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64),\\ P_{43} = Group([(1,7)(2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,64)(44,45)(46,47)(49,50)(53,54)(58,59),\\ P_{44} = Group([(1,7)(2,12)(3,16)(4,19)(5,21)(23,45)(24,47)(25,48)(27,50)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,64)(44,45)(46,47)(49,50)(53,54)(58,59),\\ P_{44} = Group([(1,7)(2,12)(3,16)(4,19)(5,21)(23,45)(24,47)(25,48)(27,50)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,64)(44,45)(46,47)(49,50)(53,54)(44,47)(49,50)(53,$	(3, 1, 2, 5, 10)(3, 23, 14, 43)(4, 28, 17, 49)(6, 11, 20, 30)(7, 12, 21, 31)(8, 63, 24, 55)(9, 39, 27, 18)(13, 48, 33, 61)(15, 44, 36, 58)(16, 45, 37, 59)(19, 51, 40, 62)(22, 32, 42, 52)(25, 54, 46, 35)(26, 53, 47, 34)(29, 57, 50, 41)(38, 60, 56, 64), (1, 5)(2, 10)(3, 14)(4, 17)(6, 20)(7, 21)(8, 24)(9, 27)(11, 52, 12)(11, 12,	$30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(22,42)(23,43)(25,46)(26,47)(28,49)(29,50)(32,52)(34,53)(35,54)(38,56)(41,57)(44,58)(45,59)(48,61)(51,62)(55,63)(60,64)]) \cong C4 \times C2 \times C3 \times C3 \times C3 \times C3 \times C3 \times C3 \times C3$	$(5,39,61)(2,63,62,16,12,53,49,3)(4,25,20,59,19,48,42,43)(5,64,41,26,21,58,18,8)(6,44,40,24,22,60,17,47)(9,37,30,34,29,14,52,55)(10,13,51,36,31,35,28,56)(11,54,50,38,32,33,27,15)]) \cong (C8 \times C2) : C2 \\ (14,43)(4,28,17,49)(6,11,20,30)(7,12,21,31)(8,63,24,55)(9,39,27,18)(13,48,33,61)(15,44,36,58)(16,45,37,59)(19,51,40,62)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64)]) \cong (C4 \times C2) : C4$
$P_{45} = Group([1,7)(2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64), (1,22)(2,32)(3,38)(4,41)(5,42)(6,7)(8,48)(9,51)(10,52)(11,12)(13,55)(14,56)(15,16)(17,57)(18,19)(20,21)(23,60)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(33,54)(34,55)(36,56)(39,57)(33,54)(34,55)(36,56)(39,57)(33,54)(34,55)(36,56)(39,57)(33,54)(34,55)(36,56)(39,57)(33,54)(34,55)(36,56)(39,57)(31,59)(11,22)(31,56)(11,22)($	(2,9,12,29)(3,13,16,35)(5,17,21,40)(6,18,22,41)(8,23,26,45)(10,27,31,50)(11,28,32,51)(14,33,37,54)(15,34,38,55)(20,39,42,57)(24,43,47,59)(25,44,48,60)(30,49,52,62)(36,53,56,63)(46,58,61,64), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,29,12,29)(3,13,16,35)(5,17,21,40)(6,18,22,41)(8,23,26,45)(10,27,31,50)(11,28,32,51)(14,33,37,54)(15,34,38,55)(20,39,42,57)(24,43,47,59)(25,44,48,60)(30,49,52,62)(36,53,56,63)(46,58,61,64), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,29,12,29)(3,13,16,35)(5,17,21,40)(6,18,22,41)(8,23,26,45)(10,27,31,50)(11,28,32,51)(14,33,37,54)(15,34,38,55)(20,39,42,57)(24,43,47,59)(25,44,48,60)(30,49,52,62)(36,53,56,63)(46,58,61,64), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,31,16,35)(5,17,21,40)(6,18,22,41)(8,23,26,45)(10,27,31,50)(11,28,32,51)(14,33,37,54)(15,34,38,55)(20,39,42,57)(24,43,47,59)(25,44,48,60)(30,49,52,62)(36,53,56,63)(46,58,61,64), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,31,16,35)(5,17,21,40)(6,18,22,41)(8,23,26,45)(10,27,31,50)(11,28,32,51)(14,33,37,54)(15,34,38,55)(20,39,42,57)(24,43,47,59)(25,44,48,60)(30,49,52,62)(36,53,56,63)(46,58,61,64), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,31)(13,31,14,34,14,14,14,14,14,14,14,14,14,14,14,14,14	$3, 33)(15, 36)(16, 37)(18, 39)(19, 40)(22, 42)(23, 43)(25, 46)(26, 47)(28, 49)(29, 50)(32, 52)(34, 53)(35, 54)(38, 56)(41, 57)(44, 58)(45, 59)(48, 61)(51, 62)(55, 63)(60, 64), (1, 6)(2, 11)(3, 15)(4, 18)(5, 20, 3, 33)(15, 36)(16, 37)(18, 39)(19, 40)(22, 42)(23, 43)(25, 46)(26, 47)(28, 49)(29, 50)(32, 52)(34, 53)(35, 54)(38, 56)(41, 57)(44, 58)(45, 59)(48, 61)(51, 62)(55, 63)(60, 64), (1, 6)(2, 11)(3, 15)(4, 18)(5, 20, 3, 33)(15, 36)(16, 37)(18, 39)(19, 40)(22, 42)(23, 43)(25, 46)(26, 47)(28, 49)(29, 50)(32, 52)(34, 53)(35, 54)(38, 56)(41, 57)(44, 58)(45, 59)(48, 61)(51, 62)(55, 63)(60, 64), (1, 6)(2, 11)(3, 15)(4, 18)(5, 20, 3, 33)(15, 36)(16, 37)(18, 39)(19, 40)(22, 42)(23, 43)(25, 46)(26, 47)(28, 49)(29, 50)(32, 52)(34, 53)(35, 54)(38, 56)(41, 57)(44, 58)(45, 59)(48, 61)(51, 62)(55, 63)(60, 64), (1, 6)(2, 11)(3, 15)(4, 18)(5, 20, 3, 33)(15, 36)(16, 37)(18, 39)(19, 40)(22, 42)(23, 43)(25, 46)(26, 47)(28, 49)(29, 50)(32, 52)(34, 53)(35, 54)(38, 56)(41, 57)(44, 58)(45, 59)(48, 61)(51, 62)(55, 63)(60, 64), (1, 6)(2, 11)(3, 15)(4, 18)(5, 20, 33)(15, 36)(16, 37)(18, 39)(19, 40)(22, 42)(23, 43)(25, 46)(26, 47)(28, 49)(29, 50)(32, 52)(34, 53)(35, 54)(38, 56)(41, 57)(44, 58)(45, 59)(48, 61)(51, 62)(55, 63)(60, 64), (1, 6)(2, 11)(3, 15)(4, 18)(5, 20, 20, 22, 28)(6, 51, 21, 27)(7, 9, 20, 62)(10, 19, 32, 39)(12, 17, 30, 41)(13, 44, 63, 59)(14, 24, 38, 48)(15, 25, 37, 47)(16, 26, 36, 46)(23, 54, 64, 34)(33, 58, 55, 45)(35, 60, 53, 43), (1, 42)(2, 52)(3, 56)(4, 57)(5, 28, 48)(23, 24)(24, 46)(26, 48)(27, 49)(29, 51)(31, 52)(33, 53)(35, 55)(37, 56)(40, 57)(43, 58)(45, 60)(47, 61)(50, 62)(54, 63)(59, 64), (1, 29, 42, 49)(29, 50)(12, 32)(13, 34)(14, 36)(16, 38)(17, 39)(19, 41)(21, 42)(23, 44)(24, 46)(26, 48)(27, 49)(29, 51)(31, 52)(33, 53)(35, 55)(37, 56)(40, 57)(43, 58)(45, 60)(47, 61)(50, 62)(54, 63)(59, 64), (1, 29, 42, 49)(29, 50)(12, 26)(13, 19)(14, 42)(17, 53)(18, 55)(20, 37)(21, 36)(22, 38)(23, 29)(24, 52)(27, 58)(28, 60)(30, 47)(31, 46)(32, 48)(33, 39)(34, 41)(40, 63)(43, 49)(44, 51)(50, 64)(54, 57)(59, 62)]) \cong ((C4 $	$(7,22)(8,25)(9,28)(10,30)(12,32)(13,34)(14,36)(16,38)(17,39)(19,41)(21,42)(23,44)(24,46)(26,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64)]) \cong (((C4\times C2):C4):C2):1$ $(7,22)(8,25)(9,28)(10,30)(12,32)(13,34)(14,36)(16,38)(17,39)(19,41)(21,42)(23,44)(24,46)(26,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64)]) \cong (((C4\times C2):C4):C2):1$ $(7,22)(8,25)(9,28)(10,30)(12,32)(13,34)(14,36)(16,38)(17,39)(19,41)(21,42)(23,44)(24,46)(26,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64)]) \cong (((C4\times C2):C4):C2):1$ $(7,22)(8,25)(9,28)(10,30)(12,32)(13,34)(14,36)(16,38)(17,39)(14,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64)]) \cong (((C4\times C2):C4):C2):1$ $(7,22)(8,25)(9,28)(10,30)(12,32)(13,34)(14,36)(16,38)(17,39)(14,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64)]) \cong (((C4\times C2):C4):C2):1$ $(7,22)(8,25)(9,28)(10,30)(12,32)(13,34)(14,36)(16,38)(17,39)(14,36)(14,36)(16,38)(17,39)(14,$
$N_9 = Group([(1,32,5,52)(2,42,10,22)(3,60,14,64)(4,29,17,50)(6,12,20,31)(7,11,21,30)(8,33,24,13)(9,40,27,19)(15,45,36,59)(16,44,37,58)(18,51,39,62)(23,56,43,38)(25,53,46,34)(26,54,47,35)(28,57,49,41)(48,63,61,55),(1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(22,42)(23,43)(25,46)(26,47)(28,49)(29,50)(32,52)(34,53)(35,54)(38,56)(41,57)(48,59)(48,61)(51,62)(55,63)(60,64),(1,2,5,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(22,42)(23,43)(25,46)(26,47)(28,49)(29,50)(32,52)(34,53)(35,54)(38,56)(41,57)(48,59)(48,61)(51,62)(55,63)(60,64),(1,2,5,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(22,42)(23,43)(25,46)(26,47)(28,49)(29,50)(32,52)(34,53)(35,54)(38,56)(41,57)(44,58)(45,59)(48,61)(51,62)(55,63)(60,64),(1,2,5,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(22,42)(23,43)(25,46)(26,47)(28,49)(29,50)(32,52)(34,53)(35,54)(38,56)(41,57)(44,58)(45,59)(48,61)(51,62)(55,63)(60,64),(1,2,5,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(23,42)(23,43)(25,46)(26,47)(28,49)(29,50)(33,53)(34,43)(36,43)(36,37)(38,40)(44,45)(46,47)(49,50)(53,54)(48,47)(29,49)(29,47)(29,49)(29,47)(29,49)(29,47)(29,49)(29,47)(29,49)(29,47)(29,49)$	(3, 1, 2, 5, 10)(3, 23, 14, 43)(4, 28, 17, 49)(6, 11, 20, 30)(7, 12, 21, 31)(8, 63, 24, 55)(9, 39, 27, 18)(13, 48, 33, 61)(15, 44, 36, 58)(16, 45, 37, 59)(19, 51, 40, 62)(22, 32, 42, 52)(25, 54, 46, 35)(26, 53, 47, 34)(29, 57, 50, 41)(38, 60, 56, 64), (1, 3)(2, 8)(4, 35)(5, 56)(6, 15)(7, 16)(9, 45)(10, 61)(11, 20, 30)(7, 12, 21, 31)(8, 63, 24, 55)(9, 39, 27, 18)(13, 48, 33, 61)(15, 44, 36, 58)(16, 45, 37, 59)(19, 51, 40, 62)(22, 32, 42, 52)(25, 54, 46, 35)(26, 53, 47, 34)(29, 57, 50, 41)(38, 60, 56, 64), (1, 3)(2, 8)(4, 35)(5, 56)(6, 15)(7, 16)(9, 45)(10, 61)(11, 20, 30)(7, 12, 21, 31)(8, 63, 24, 55)(9, 39, 27, 18)(13, 48, 33, 61)(15, 44, 36, 58)(16, 45, 37, 59)(19, 51, 40, 62)(22, 32, 42, 52)(25, 54, 46, 35)(26, 53, 47, 34)(29, 57, 50, 41)(38, 60, 56, 64), (1, 4, 7, 19)(2, 9, 12, 29)(3, 13, 16, 35)(5, 17, 21, 40)(6, 18, 18, 18, 18, 18, 18, 18, 18, 18, 18	$25)(12,26)(13,19)(14,42)(17,53)(18,55)(20,37)(21,36)(22,38)(23,29)(24,52)(27,58)(28,60)(30,47)(31,46)(32,48)(33,39)(34,41)(40,63)(43,49)(44,51)(50,64)(54,57)(59,62)]) \cong ((C4 \times C2) : 25)(12,26)(13,19)(14,42)(17,53)(18,55)(20,37)(21,36)(22,38)(23,29)(24,52)(27,58)(28,60)(30,47)(31,46)(32,48)(33,39)(34,41)(40,63)(43,49)(44,51)(50,64)(54,57)(59,62)]) \cong ((C4 \times C2) : 3,22,41)(8,23,26,45)(10,27,31,50)(11,28,32,51)(14,33,37,54)(15,34,38,55)(20,39,42,57)(24,43,47,59)(25,44,48,60)(30,49,52,62)(36,53,56,63)(46,58,61,64)]) \cong (C4 \times C2) : C4 \times (C4,12) : (C4 \times C2) : C4 \times (C4,12) : (C4 \times C2) : (C4 \times C$	
$N_{14} = Group([(1,2,5,10)(3,23,14,43)(4,28,17,49)(6,11,20,30)(7,12,21,31)(8,63,24,55)(9,39,27,18)(13,48,33,61)(15,44,36,58)(16,45,75)(9,39,27,18)(13,48,33,61)(15,44,36,58)(16,45,75)(9,39,27,18)(13,48,33,61)(15,44,36,58)(16,47,79)(29,42,12)(3,43)(25,46)(26,47)(28,49)(29,50)(32,52)(34,53)(35,54)(38,56)(41,57)(44,58)(45,59)(48,61)(51,62)(55,63)(60,64), (1,6)(2,11)(3,33)(15,36)(16,37)(18,39)(19,40)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64), (1,6)(2,11)(3,33)(15,36)(16,37)(18,39)(19,40)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64), (1,6)(2,11)(3,33)(15,36)(16,37)(18,39)(19,40)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64), (1,6)(2,11)(3,33)(15,36)(16,37)(18,39)(19,40)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64), (1,6)(2,11)(3,33)(15,36)(16,37)(18,39)(19,40)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64), (1,6)(2,11)(3,35)(14,37,54)(15,34,36,55)(20,39,42,57)(24,43,47,59)(25,44,48,60)(30,49,52,62)(36,53,56,63)(44,51,59)(44,50)($	(4,35)(5,56)(6,15)(7,16)(9,45)(10,61)(11,25)(12,26)(13,19)(14,42)(17,53)(18,55)(20,37)(21,36)(22,38)(23,29)(24,52)(27,58)(28,60)(30,47)(31,46)(32,48)(33,39)(34,41)(40,63)(43,49)(44,51)(50,64)(54,57)(59,62), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,36)(22,38)(23,29)(24,52)(27,58)(28,60)(30,47)(31,46)(32,48)(33,39)(34,41)(40,63)(43,49)(44,51)(50,64)(54,57)(59,62), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,36)(22,38)(23,29)(24,52)(27,58)(28,60)(30,47)(31,46)(32,48)(33,39)(34,41)(40,63)(43,49)(44,51)(50,64)(54,57)(59,62), (1,5)(2,10)(3,14)(4,17)(6,20)(7,21)(8,24)(9,27)(11,36)(22,38)(23,29)(24,52)(27,58)(28,60)(30,47)(31,46)(32,48)(33,39)(34,41)(40,63)(43,49)(44,51)(50,64)(54,57)(59,62), (1,6)(2,11)(3,15)(4,18)(5,20)(7,22)(8,25)(9,28)(10,36)(12,3	$30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(22,42)(23,43)(25,46)(26,47)(28,49)(29,50)(32,52)(34,53)(35,54)(38,56)(41,57)(44,58)(45,59)(48,61)(51,62)(55,63)(60,64)]) \cong (C4 \times C2 \times G30)(12,32)(13,34)(14,36)(16,38)(17,39)(19,41)(21,42)(23,44)(24,46)(26,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64)]) \cong (C2 \times D8 \times G33)(14,36)(16,38)(17,39)(19,41)(21,42)(23,44)(24,46)(26,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64),(1,8,40,59,7,26,17,43)(2,56)(21,19,5)(6,39,22,57)(8,43,26,59)(9,31,29,10)(11,49,32,62)(13,37,35,14)(15,53,38,63)(18,42,41,20)(23,47,45,24)(25,58,48,64)(28,52,51,30)(34,56,55,36)(44,61,60,46)]) \cong (C4 \times C2 \times G3)(12,32)(13,34)(14,36)(16,38)(17,39)(19,41)(21,42)(23,44)(24,46)(26,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64),(1,8,40,59,7,26,17,43)(2,56)(21,19,5)(6,39,22,57)(8,43,26,59)(9,31,29,10)(11,49,32,62)(13,37,35,14)(15,53,38,63)(18,42,41,20)(23,47,45,24)(25,58,48,64)(28,52,51,30)(34,56,55,36)(44,61,60,46)]) \cong (C4 \times C2 \times G3)(12,32)(13,33)(13,33)(13,33)(14,36$	$(50, 34, 12, 36, 27, 55)(3, 29, 54, 31, 16, 9, 33, 10)(4, 60, 5, 61, 19, 44, 21, 46)(6, 25, 57, 64, 22, 48, 39, 58)(11, 37, 62, 13, 32, 14, 49, 35)(15, 51, 63, 52, 38, 28, 53, 30)(18, 45, 20, 47, 41, 23, 42, 24)]) \cong (C8 \times C2) : C2$
$N_{19} = Group([(1,7)(2,12)(3,16)(4,47)(5,24)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(44,7)(25,48)(27,50)(28,51)(30,52)(33,54)(44,7)(25,48)(27,50)(28,51)(30,52)(33,54)(44,7)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,51)(50,64)(54,57)(59,62),\\ N_{20} = Group([(1,22)(2,32)(3,38)(4,41)(5,42)(6,7)(8,48)(9,51)(10,52)(11,12)(13,55)(14,56)(15,16)(17,57)(18,19)(20,21)(23,60)(24,61)(25,26)(27,62)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(44,51)(50,64)(54,57)(59,62),\\ N_{21} = Group([(1,3)(2,8)(4,35)(5,56)(6,15)(7,16)(9,45)(10,52)(11,12)(13,55)(14,56)(15,16)(17,57)(18,19)(20,21)(23,60)(24,61)(25,26)(27,58)(28,60)(30,47)(31,46)(32,48)(33,39)(34,41)(40,63)(43,49)(44,51)(50,64)(54,57)(59,62),\\ N_{22} = Group([(1,23,57,46,7,45,39,61)(2,63,52,48)(34,24)(24,43)(5,44,42)(24,43)(5,44,42)(24,43)(5,44,42)(24,43)(5,44,42)(24,43)(5,44,42)(24,43)(5,44,42)(24,43)(5,44,42)(24,43)(34,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,43)(44,44)(44,43)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,43)(44,44)(44,44)(44,44)(44,44)(44,44)(44,44)(44,44)(44,44)(44,44)(44,44)(44,44,44)(44,44,44)(44,$	$\begin{array}{l} (3,1) \\ (3,1) \\ (4,1) \\ (6,2) \\ (7,21) \\ (8,24) \\ (9,27) \\ (11,30) \\ (12,31) \\ (13,33) \\ (15,36) \\ (16,37) \\ (18,39) \\ (19,40) \\ (22,42) \\ (23,43) \\ (25,46) \\ (26,47) \\ (28,49) \\ (29,50) \\ (32,52) \\ (34,53) \\ (35,54) \\ (38,56) \\ (41,57) \\ (44,58) \\ (45,59) \\ (48,61) \\ (51,62) \\ (55,63) \\ (60,64) \\ (1,6) \\ (2,11) \\ (3,15) \\ (4,18) \\ (5,20) \\ (7,22) \\ (8,26) \\ (9,29) \\ (10,31) \\ (11,32) \\ (13,35) \\ (14,37) \\ (15,38) \\ (17,40) \\ (18,41) \\ (20,42) \\ (23,45) \\ (24,47) \\ (25,48) \\ (27,50) \\ (28,51) \\ (30,52) \\ (33,54) \\ (34,55) \\ (36,56) \\ (39,57) \\ (43,59) \\ (44,60) \\ (46,61) \\ (49,62) \\ (53,63) \\ (58,64) \\ (1,4,7,19) \\ (2,9,12,29) \\ (3,13,16,35) \\ (5,17,12) \\ (4,22) \\ (23,45) \\ (24,47) \\ (25,48) \\ (27,50) \\ (28,51) \\ (30,52) \\ (33,54) \\ (34,55) \\ (36,56) \\ (39,57) \\ (43,59) \\ (44,60) \\ (46,61) \\ (49,62) \\ (53,63) \\ (58,64) \\ (1,6) \\ (2,11) \\ (3,15) \\ (4,18) \\ (5,20) \\ (7,22) \\ (8,25) \\ (9,28) \\ (10,30) \\ (12,32) \\ (13,34) \\ (24,47) \\ (25,48) \\ (27,50) \\ (28,51) \\ (30,52) \\ (33,54) \\ (34,55) \\ (36,56) \\ (39,57) \\ (43,59) \\ (44,60) \\ (46,61) \\ (49,62) \\ (53,63) \\ (58,64) \\ (1,6) \\ (2,11) \\ (3,15) \\ (4,18) \\ (5,20) \\ (7,22) \\ (8,25) \\ (9,28) \\ (10,30) \\ (12,32) \\ (13,34) \\ (24,47) \\ (25,48) \\ (27,50) \\ (28,51) \\ (30,52) \\ (33,54) \\ (34,55) \\ (36,56) \\ (39,57) \\ (43,59) \\ (44,60) \\ (46,61) \\ (49,62) \\ (53,63) \\ (58,64) \\ (1,6) \\ (2,11) \\ (3,15) \\ (4,18) \\ (5,20) \\ (7,22) \\ (8,25) \\ (9,28) \\ (10,30) \\ (12,32) \\ (12,32) \\ (12,32) \\ (12,32) \\ (12,32) \\ (12,32) \\ (12,32) \\ (12,32) \\ (13$	$5)(9,28)(10,30)(12,32)(13,34)(14,36)(16,38)(17,39)(19,41)(21,42)(23,44)(24,46)(26,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64)])\cong (21,40)(6,18,22,41)(8,23,26,45)(10,27,31,50)(11,28,32,51)(14,33,37,54)(15,34,38,55)(20,39,42,57)(24,43,47,59)(25,44,48,60)(30,49,52,62)(36,53,56,63)(46,58,61,64),(1,5)(2,10)(3,14)(24,46)(26,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64)])\cong C8\times C2$	$(4,17)(6,20)(7,21)(8,24)(9,27)(11,30)(12,31)(13,33)(15,36)(16,37)(18,39)(19,40)(22,42)(23,43)(25,46)(26,47)(28,49)(29,50)(32,52)(34,53)(35,54)(38,56)(41,57)(44,58)(45,59)(48,61)(51,62)(55,63)(60,64)]) \cong (C4 \times C2 \times C2) : C2$
$N_{24} = Group([(1,14,22,56)(2,24,32,61)(3,5,38,42)(4,54,41,53)(6,36,7,37)(8,10,48,52)(9,59,51,58)(11,46,12,47)(13,40,55,39)(15,20,16,21)(17,34,57,35)(18,63,19,33)(23,50,60,49)(25,30,26,31)(27,44,62,45)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,41)(5,42)(6,7)(8,48)(9,51)(10,52)(11,12)(13,55)(14,56)(15,16)(17,57)(18,19)(20,21)(23,60)(24,61)(25,26)(27,62)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,41)(5,42)(6,7)(8,48)(9,51)(10,52)(11,12)(13,55)(14,56)(15,16)(17,57)(18,19)(20,21)(23,60)(24,61)(25,26)(27,62)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,41)(5,42)(6,7)(8,48)(9,51)(10,52)(11,12)(13,55)(14,56)(15,16)(17,57)(18,19)(20,21)(23,60)(24,61)(25,26)(27,62)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,41)(5,42)(6,7)(8,48)(9,51)(10,52)(11,12)(13,55)(14,56)(15,16)(17,57)(18,19)(20,21)(23,60)(24,61)(25,26)(27,62)(28,29)(30,31)(33,63)(44,41)(5,42)(6,7)(24,42)(23,43)(34,41)(15,42)(13,43)(14,41)(15,42)(13,43)(14,41)(15,42)(13,43)(14,41)(15,42)(13,43)(14,41)(15,42)(13,43)(14$	(3, 16)(4, 19)(5, 21)(6, 22)(8, 26)(9, 29)(10, 31)(11, 32)(13, 35)(14, 37)(15, 38)(17, 40)(18, 41)(20, 42)(23, 45)(24, 47)(25, 48)(27, 50)(28, 51)(30, 52)(33, 54)(34, 55)(36, 56)(39, 57)(43, 59)(44, 60)(46, 61)(49, 62)(53, 63)(58, 64), (1, 2, 5, 10)(3, 23, 14, 43)(4, 28, 17, 49)(6, 11, 20, 30)(7, 12, 12, 12, 12, 12, 12, 12, 12, 12, 12	$\begin{array}{l} (2,21,31)(8,63,24,55)(9,39,27,18)(13,48,33,61)(15,44,36,58)(16,45,37,59)(19,51,40,62)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64),\\ (1,3)(2,8)(4,35)(5,56)(6,15,56)($	$(7,16)(9,45)(10,61)(11,25)(12,26)(13,19)(14,42)(17,53)(18,55)(20,37)(21,36)(22,38)(23,29)(24,52)(27,58)(28,60)(30,47)(31,46)(32,48)(33,39)(34,41)(40,63)(43,49)(44,51)(50,64)(54,57)(59,62)]) \cong ((C4 \times C2) : C4) : C2 \times D8$
$N_{29} = Group([(1,4,7,19)(2,9,12,29)(3,13,16,35)(5,17,21,40)(6,18,22,41)(8,23,26,45)(10,27,31,50)(11,28)(3,24,47)(29,23)(3,38)(4,41)(5,42)(6,7)(8,48)(9,51)(10,52)(11,12)(13,55)(14,56)(15,16)(17,57)(18,19)(20,21)(23,60)(24,61)(25,26)(27,62)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,64)(44,45)(46,47)(49,50)(53,54)(58,59), (1,7)(2,12)(3,12)(13,12)$	(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64), (1,2,5,10)(3,23,14,43)(4,28,17,49)(6,11,20,30)(7,11,12)(13,16)(14,17)(15,1	$\begin{array}{l} (2,21,31)(8,63,24,55)(9,39,27,18)(13,48,33,61)(15,44,36,58)(16,45,37,59)(19,51,40,62)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64),\\ (1,3)(2,8)(4,35)(5,56)(6,15)(1,20,30)(7,12,21,31)(8,63,24,55)(9,39,27,18)(13,48,33,61)(15,44,36,58)(16,45,37,59)(19,51,40,62)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64),\\ (1,3)(2,8)(4,35)(30)(12,32)(13,34)(14,36)(16,38)(17,39)(19,41)(21,42)(23,44)(24,46)(26,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64)]) \cong C4 \times C2 \times C3 \times C3 \times C3 \times C3 \times C3 \times C3 \times C3$	$(5,56)(6,15)(7,16)(9,45)(10,61)(11,25)(12,26)(13,19)(14,42)(17,53)(18,55)(20,37)(21,36)(22,38)(23,29)(24,52)(27,58)(28,60)(30,47)(31,46)(32,48)(33,39)(34,41)(40,63)(43,49)(44,51)(50,64)(54,57)(59,62)]) \cong ((C4 \times C2) : C4) : C2$
$N_{33} = Group([(1,6)(2,11)(3,15)(4,18)(5,20)(7,22)(8,25)(9,28)(10,30)(12,32)(13,34)(14,36)(16,38)(17,39)(19,41)(21,42)(23,44)(24,46)(26,48)(27,49)(29,51)(31,52)(33,53)(35,55)(37,56)(40,57)(43,58)(45,60)(47,61)(50,62)(54,63)(59,64), (1,2,5,10)(3,23,14,43)(4,28,17,49)(6,11,20,30)(7,12,13)(8,63,24,55)(9,39,27,18)(13,48,33,61)(15,44,36,58)(16,45,37,59)(19,51,40,62)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64), (1,5)(2,10)(3,13,14)(4,13)(4,$	(3, 14)(4, 17)(6, 20)(7, 21)(8, 24)(9, 27)(11, 30)(12, 31)(13, 33)(15, 36)(16, 37)(18, 39)(19, 40)(22, 42)(23, 43)(25, 46)(26, 47)(28, 49)(29, 50)(32, 52)(34, 53)(35, 54)(38, 56)(41, 57)(44, 58)(45, 59)(48, 61)(51, 62)(55, 63)(60, 64), (1, 2, 5, 10)(3, 23, 14, 43)(4, 28, 17, 49)(6, 11, 20, 30)(7, 12, 12)(3, 38)(4, 41)(5, 42)(6, 7)(8, 48)(9, 51)(10, 52)(11, 12)(13, 55)(14, 56)(15, 16)(17, 57)(18, 19)(20, 21)(23, 60)(24, 61)(25, 26)(27, 62)(28, 29)(30, 31)(33, 63)(34, 35)(36, 37)(39, 40)(43, 64)(44, 45)(46, 47)(49, 50)(53, 54)(58, 59), (1, 7)(2, 12)(3, 16)(4, 19)(5, 21)(6, 22)(8, 29)(30, 31)(33, 63)(34, 35)(36, 37)(39, 40)(43, 64)(44, 45)(46, 47)(49, 50)(53, 54)(58, 59), (1, 7)(2, 12)(3, 16)(4, 19)(5, 21)(6, 22)(8, 29)(30, 31)(33, 63)(34, 35)(36, 37)(39, 40)(43, 64)(44, 45)(46, 47)(49, 50)(53, 54)(58, 59), (1, 7)(2, 12)(3, 16)(4, 19)(5, 21)(6, 22)(8, 29)(30, 31)(33, 63)(34, 35)(36, 37)(39, 40)(43, 64)(44, 45)(46, 47)(49, 50)(53, 54)(58, 59), (1, 7)(2, 12)(3, 16)(4, 19)(5, 21)(6, 22)(8, 29)(30, 31)(33, 63)(34, 35)(36, 37)(39, 40)(43, 64)(44, 45)(46, 47)(49, 50)(53, 54)(58, 59), (1, 7)(2, 12)(3, 16)(4, 19)(5, 21)(6, 22)(8, 29)(30, 31)(33, 63)(34, 35)(36, 37)(39, 40)(43, 64)(44, 45)(46, 47)(49, 50)(53, 54)(58, 59), (1, 7)(2, 12)(3, 16)(4, 19)(5, 21)(6, 22)(8, 29)(30, 31)(33, 63)(34, 35)(36, 37)(39, 40)(43, 64)(44, 45)(46, 47)(49, 50)(53, 54)(58, 59), (1, 7)(2, 12)(3, 16)(4, 19)(5, 21)(6, 22)(8, 29)(30, 31)(33, 63)(34, 35)(36, 37)(39, 40)(43, 64)(44, 45)(46, 47)(49, 50)(53, 54)(58, 59), (1, 7)(2, 12)(3, 16)(4, 19)(5, 21)(6, 22)(8, 29)(30, 31)(33, 63)(34, 35)(36, 37)(39, 40)(43, 64)(44, 45)(46, 47)(49, 50)(53, 54)(58, 59), (1, 7)(2, 12)(3, 16)(4, 19)(5, 21)(6, 22)(8, 29)(30, 31)(33, 63)(34, 35)(36, 37)(39, 40)(43, 64)(44, 45)(46, 47)(49, 50)(53, 54)(58, 59), (1, 7)(2, 12)(3, 16)(4, 19)(5, 21)(6, 22)(8, 29)(30, 31)(33, 63)(34, 35)(36, 37)(39, 40)(43, 64)(44, 45)(46, 47)(49, 50)(53, 54)(58, 59), (1, 7)(2, 12)(3, 16)(4, 19)(5, 12)(6, 12)(6, 12)(6, 12)(6, 12)(6, 12)(6, 12)(6, 12)(6, 12)(6, 12)(6, 12)(6, 12)(6, 12)(6, 12	$\frac{12}{2}, \frac{21}{31})(8, 63, \frac{24}{55})(9, 39, \frac{27}{18})(13, 48, 33, 61)(15, 44, 36, 58)(16, 45, 37, 59)(19, 51, 40, 62)(22, 32, 42, 52)(25, 54, 46, 35)(26, 53, 47, 34)(29, 57, 50, 41)(38, 60, 56, 64), (1, 4, 7, 19)(2, 9, 12, 29)(3, 13, 31)(11, 32)(13, 35)(14, 37)(15, 38)(17, 40)(18, 41)(20, 42)(23, 45)(24, 47)(25, 48)(27, 50)(28, 51)(30, 52)(33, 54)(34, 55)(36, 56)(39, 57)(43, 59)(44, 60)(46, 61)(49, 62)(53, 63)(58, 64), (1, 2, 5, 10)(3, 23, 64)(11, 32)(13, 35)(14, 37)(15, 38)(17, 40)(18, 41)(20, 42)(23, 45)(24, 47)(25, 48)(27, 50)(28, 51)(30, 52)(33, 54)(34, 55)(36, 56)(39, 57)(43, 59)(44, 60)(46, 61)(49, 62)(53, 63)(58, 64), (1, 4, 7, 19)(2, 9, 12, 29)(3, 13, 10)(11, 32)(13, 35)(14, 37)(15, 38)(17, 40)(18, 41)(20, 42)(23, 45)(24, 47)(25, 48)(27, 50)(28, 51)(30, 52)(33, 54)(34, 55)(36, 56)(39, 57)(43, 59)(44, 60)(46, 61)(49, 62)(53, 63)(58, 64), (1, 2, 5, 10)(3, 23, 24, 25)(24, 47)(25, 48)(27, 50)(28, 51)(30, 52)(33, 54)(34, 55)(36, 56)(39, 57)(43, 59)(44, 60)(46, 61)(49, 62)(53, 63)(58, 64), (1, 2, 5, 10)(3, 23, 24, 25)(24, 24, 24, 25)(24, 24, 24, 25)(24, 24, 24, 25)(24, 24, 24, 25)(24, 24, 24, 25)(24, 24, 24, 25)(24, 24, 24, 24, 25)(24, 24, 24, 25)(24, 24, 24, 25)(24, 24, 24, 25)(24, 24, 24, 24, 25)(24, 24, 24, 25)(24, 24, 24, 25)(24, 24, 24, 25)(24, 24, 24, 25)(24, 24, 24, 25)(24, 24, 24, 25)(24, 24, 24, 25)(24, 24, 24, 24, 25)(24, 24, 24, 24, 24, 24, 24, 24, 24, 24, $	14, 43)(4, 28, 17, 49)(6, 11, 20, 30)(7, 12, 21, 31)(8, 63, 24, 55)(9, 39, 27, 18)(13, 48, 33, 61)(15, 44, 36, 58)(16, 45, 37, 59)(19, 51, 40, 62)(22, 32, 42, 52)(25, 54, 46, 35)(26, 53, 47, 34)(29, 57, 50, 41)(38, 60, 56, 64), (1, 3)(2, 8)(4, 35)(5, 56)(6, 15)(7, 16)(9, 45)(10, 61)(11, 25)(12, 26)(13, 19)(14, 42)(17, 53)(18, 55)(20, 37)(21, 36)(22, 38)(23, 29)(24, 52)(25, 54, 46, 35)(26, 53, 47, 34)(29, 57, 50, 41)(38, 60, 56, 64), (1, 3)(2, 8)(4, 35)(5, 56)(6, 15)(7, 16)(9, 45)(10, 61)(11, 25)(12, 26)(13, 19)(14, 42)(17, 53)(18, 55)(20, 37)(21, 36)(22, 38)(23, 29)(24, 52)(25, 54, 46, 35)(26, 53, 47, 34)(29, 57, 50, 41)(38, 60, 56, 64), (1, 3)(2, 8)(4, 35)(26, 33, 47, 34)(29, 57, 50, 41)(38, 60, 56, 64), (1, 3)(2, 8)(4, 35)(26, 33, 47, 34)(29, 57, 50, 41)(38, 60, 56, 64), (1, 3)(2, 8)(4, 35)(26, 33, 47, 34)(29, 57, 50, 41)(38, 60, 56, 64), (1, 3)(2, 8)(4, 35)(26, 33, 47, 34)(29, 57, 50, 41)(38, 60, 56, 64), (1, 3)(2, 8)(4, 35)(26, 33, 47, 34)(29, 57, 50, 41)(38, 60, 56, 64), (1, 3)(2, 8)(4, 35)(26, 33, 47, 34)(29, 57, 50, 41)(38, 60, 56, 64), (1, 3)(2, 8)(4, 35)(26, 34, 47, 59)(27, 58)(28, 60)(30, 47)(31, 49)(44, 51)(50, 64)(44,
$N_{38} = Group([(1,4,7,19)(2,9,12,29)(3,13,16,35)(5,17,21,40)(6,18,22,41)(8,23,26,45)(10,27,31,50)(11,28,32,51)(14,33,37,54)(15,53,48,45)(26,44,15,36)(36,49,12)(23,47,45)(25,44,48,60)(30,49,52,62)(36,53,56,63)(44,51,19,56)(31,29,10)(11,49,32,62)(13,37,35,14)(15,53,38,63)(18,49,12)(23,47,45)(25,44,48,60)(30,49,52,63)(18,49,12)(23,47,45)(23,47,$	2)(3,38)(4,41)(5,42)(6,7)(8,48)(9,51)(10,52)(11,12)(13,55)(14,56)(15,16)(17,57)(18,19)(20,21)(23,60)(24,61)(25,26)(27,62)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,64)(44,45)(46,47)(49,50)(53,54)(58,59), (1,7)(2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,56)(15,16)(17,57)(18,19)(20,21)(23,60)(24,61)(25,26)(27,62)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,64)(44,45)(46,47)(49,50)(53,54)(58,59), (1,7)(2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,56)(15,16)(17,57)(18,19)(20,21)(23,60)(24,61)(25,26)(27,62)(28,29)(30,31)(33,63)(34,35)(36,37)(39,40)(43,64)(44,45)(46,47)(49,50)(53,54)(58,59), (1,7)(2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(31,36)(34,35)(36,37)(39,40)(43,64)(44,45)(46,47)(49,50)(53,54)(58,59), (1,7)(2,12)(3,16)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(31,36)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(31,36)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(31,36)(4,19)(5,21)(6,22)(8,26)(9,29)(10,31)(31,36)(31,35	31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64), (1,4,7,19)(2,9,62)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64), (1,4,7,19)(2,9,12,29)(3,13,16,35)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64), (1,4,7,19)(2,9,12,12)(24	$\begin{array}{l} 2,29)(3,13,16,35)(5,17,21,40)(6,18,22,41)(8,23,26,45)(10,27,31,50)(11,28,32,51)(14,33,37,54)(15,34,38,55)(20,39,42,57)(24,43,47,59)(25,44,48,60)(30,49,52,62)(36,53,56,63)(46,58,61,64]])\cong (C4\times C2\times C2):C2\\ 2,29)(3,13,16,35)(5,17,21,40)(6,18,22,41)(8,23,26,45)(10,27,31,50)(11,28,32,51)(14,33,37,54)(15,34,38,55)(20,39,42,57)(24,43,47,59)(25,44,48,60)(30,49,52,62)(36,53,56,63)(46,58,61,64]])\cong (C4\times C2):C2\\ 2,29)(3,13,16,35)(5,17,21,40)(6,18,22,41)(8,23,26,45)(10,27,31,50)(11,28,32,51)(14,33,37,54)(15,34,38,55)(20,39,42,57)(24,43,47,59)(25,44,48,60)(30,49,52,62)(36,53,56,63)(46,58,61,64]])\cong (C4\times C2):C2\\ 2,29)(3,13,16,35)(5,17,21,40)(6,18,22,41)(8,23,26,45)(10,27,31,50)(11,28,32,51)(14,33,37,54)(15,34,38,55)(20,39,42,57)(24,43,47,59)(25,44,48,60)(30,49,52,62)(36,53,56,63)(46,58,61,64]])\cong (C4\times C2):C4\\ 2,29)(3,13,16,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(49,60)(46,61)(49,62)(53,63)(58,64),(1,2,5,10)(3,23,14,43)(4,28,17,49)(6,11,20,30)(7,12,21,31)(8,63,24,55)(9,39,27,18)(13,48,33,61)(15,44,36,58)(16,45,37,59)(19,51,40,62)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64)])\cong (C4\times C2):C4\\ (6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64),(1,2,5,10)(3,23,14,43)(4,28,17,49)(6,11,20,30)(7,12,21,31)(8,63,24,55)(9,39,27,18)(13,48,33,61)(15,44,36,58)(16,45,37,59)(19,51,40,62)(22,32,42,52)(25,54,46,35)(26,53,47,34)(29,57,50,41)(38,60,56,64)])\cong (C4\times C2):C4\\ (6,22)(8,26)(9,29)(10,31)(11,32)(13,35)(14,37)(15,38)(17,40)(18,41)(20,42)(23,45)(24,47)(25,48)(27,50)(28,51)(30,52)(33,54)(34,55)(36,56)(39,57)(43,59)(44,60)(46,61)(49,62)(53,63)(58,64),(1,2,5,10)(3,23,44,43)(4,28,17,49)(6,11,20,30)(7,12,21,31)(8,63,24,55)(9,39,27,18)(13,43,43)(4,28,17,49)(6,11,20,30)(7,12,21,31)(8,63,24,55)(9,39,27,18)(13,43,43)(4,28,17,49)(6,11,20,30)(7,12,21,31)(8,63,24,55)(9,39,27,18)(13,43,43)(4,28,17,49)(6,11,20,30)(7,12,21$