

**Group 10**  
 1.  $\mathbb{Z}_2 \times \mathbb{Z}_2$  (Klein 4 group) - 4 elements  
 2.  $\mathbb{Z}_4$  (cyclic) - 4 elements  
 3.  $D_4$  (dihedral) - 8 elements  
 4.  $Q_8$  (quaternion) - 8 elements  
 5.  $S_4$  (symmetric) - 24 elements  
 6.  $A_4$  (alternating) - 12 elements  
 7.  $S_3$  (symmetric) - 6 elements  
 8.  $D_3$  (dihedral) - 6 elements  
 9.  $S_2$  (symmetric) - 2 elements  
 10.  $\mathbb{Z}_2$  (cyclic) - 2 elements

**Group 11**  
 1.  $\mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2$  (elementary abelian) - 8 elements  
 2.  $\mathbb{Z}_8$  (cyclic) - 8 elements  
 3.  $D_8$  (dihedral) - 16 elements  
 4.  $Q_8$  (quaternion) - 8 elements  
 5.  $S_4$  (symmetric) - 24 elements  
 6.  $A_4$  (alternating) - 12 elements  
 7.  $S_3 \times \mathbb{Z}_2$  (direct product) - 12 elements  
 8.  $D_4$  (dihedral) - 8 elements  
 9.  $S_2 \times S_2 \times S_2$  (elementary abelian) - 8 elements  
 10.  $\mathbb{Z}_2 \times \mathbb{Z}_4$  (direct product) - 8 elements

**Group 12**  
 1.  $\mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2$  (elementary abelian) - 16 elements  
 2.  $\mathbb{Z}_{16}$  (cyclic) - 16 elements  
 3.  $D_{16}$  (dihedral) - 32 elements  
 4.  $Q_{16}$  (quaternion) - 16 elements  
 5.  $S_4$  (symmetric) - 24 elements  
 6.  $A_4$  (alternating) - 12 elements  
 7.  $S_3 \times \mathbb{Z}_2$  (direct product) - 12 elements  
 8.  $D_8 \times \mathbb{Z}_2$  (direct product) - 16 elements  
 9.  $S_2 \times S_2 \times S_2 \times S_2$  (elementary abelian) - 16 elements  
 10.  $\mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_4$  (direct product) - 16 elements

**Group 13**  
 1.  $\mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2$  (elementary abelian) - 32 elements  
 2.  $\mathbb{Z}_{32}$  (cyclic) - 32 elements  
 3.  $D_{32}$  (dihedral) - 64 elements  
 4.  $Q_{32}$  (quaternion) - 32 elements  
 5.  $S_4$  (symmetric) - 24 elements  
 6.  $A_4$  (alternating) - 12 elements  
 7.  $S_3 \times \mathbb{Z}_2$  (direct product) - 12 elements  
 8.  $D_{16} \times \mathbb{Z}_2$  (direct product) - 32 elements  
 9.  $S_2 \times S_2 \times S_2 \times S_2 \times S_2$  (elementary abelian) - 32 elements  
 10.  $\mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_4$  (direct product) - 32 elements

**Group 14**  
 1.  $\mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2$  (elementary abelian) - 64 elements  
 2.  $\mathbb{Z}_{64}$  (cyclic) - 64 elements  
 3.  $D_{64}$  (dihedral) - 128 elements  
 4.  $Q_{64}$  (quaternion) - 64 elements  
 5.  $S_4$  (symmetric) - 24 elements  
 6.  $A_4$  (alternating) - 12 elements  
 7.  $S_3 \times \mathbb{Z}_2$  (direct product) - 12 elements  
 8.  $D_{32} \times \mathbb{Z}_2$  (direct product) - 64 elements  
 9.  $S_2 \times S_2 \times S_2 \times S_2 \times S_2 \times S_2$  (elementary abelian) - 64 elements  
 10.  $\mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_4$  (direct product) - 64 elements

**Group 15**  
 1.  $\mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2$  (elementary abelian) - 128 elements  
 2.  $\mathbb{Z}_{128}$  (cyclic) - 128 elements  
 3.  $D_{128}$  (dihedral) - 256 elements  
 4.  $Q_{128}$  (quaternion) - 128 elements  
 5.  $S_4$  (symmetric) - 24 elements  
 6.  $A_4$  (alternating) - 12 elements  
 7.  $S_3 \times \mathbb{Z}_2$  (direct product) - 12 elements  
 8.  $D_{64} \times \mathbb{Z}_2$  (direct product) - 128 elements  
 9.  $S_2 \times S_2 \times S_2 \times S_2 \times S_2 \times S_2 \times S_2$  (elementary abelian) - 128 elements  
 10.  $\mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_2 \times \mathbb{Z}_4$  (direct product) - 128 elements