1. The Class of Subgroups of Order 1 and Index 120.

1. [1], Normal, Orb $1^{130}$. Contains 1 group in 1 class. DY.

2. The 3 Classes of Subgroups of Order 2 and Index 60.

2a [1], Normal, Orb $2^{15}$. Contains 2 groups in 2 classes.

2b [15], Nor $2^3$, Orb $2^{14}, 1^2$. Contains 2 groups in 2 classes.

3. The Class of Subgroups of Order 3 and Index 40.

3 [10], Nor $D_{12}$, Orb $3^{10}$. Contains 2 groups in 2 classes. D.

4. The 3 Classes of Subgroups of Order 4 and Index 30.

4a [5], Nor $A_4 \times 2$, Orb $4^6, 2^3$. Contains 5 groups in 3 classes. D.

4b [15], Nor $2^3$, Orb $4^6, 2^3$. Contains 5 groups in 5 classes.
   Above $2c$, $2b$, $2a$. Below $2^a$, $D_{12}[2]$, $D_{20}[2]$.

4c [15], Nor $2^3$, Orb $4^6, 2^2, 1^2$. Contains 5 groups in 4 classes. Y.

5. The Class of Subgroups of Order 5 and Index 24.

5 [6], Nor $D_{10}$, Orb $5^{12}$.

6. The 3 Classes of Subgroups of Order 6 and Index 20.

6a [5], Nor $A_4 \times 2$, Orb $6^2, 2^3, 1^2$. Contains 5 groups in 3 classes. D.

6b [15], Nor $2^3$, Orb $6^2, 2^3, 1^2$. Contains 5 groups in 5 classes.
   Above $2c$, $2b$, $2a$. Below $2^a$, $D_{12}[2]$, $D_{20}[2]$.

6c [15], Nor $2^3$, Orb $6^2, 2^2, 1^2$. Contains 5 groups in 4 classes. Y.
5. The Class of Subgroups of Order 5 and Index 24.

9. \(5[6]\), Nor \(D_{20}\), Orb \(5^6\). \(\text{Contains } 2 \text{ groups in } 2 \text{ classes. D.} \)
Above \(1\), Below \(D_{10a}, D_{10b}, 10\).

6. The 3 Classes of Subgroups of Order 6 and Index 20.

10. \(S_3a[10]\), Nor \(D_{12}\), Der \(3\), Orb \(6^3, 3^4\). \(\text{Contains } 6 \text{ groups in } 4 \text{ classes. Y.} \)
Above \(3\), \(2c[3]\). Below \(D_{12}\).

11. \(6[10]\), Nor \(D_{12}\), Orb \(6^3\). \(\text{Contains } 4 \text{ groups in } 4 \text{ classes.} \)
Above \(3\), \(2a\). Below \(D_{12}, A_4 \times 2[2]\).

12. \(S_3b[10]\), Nor \(D_{12}\), Der \(3\), Orb \(6^4, 3^2\). \(\text{Contains } 6 \text{ groups in } 4 \text{ classes.} \)
Above \(3\), \(2b[3]\). Below \(D_{12}, A_3\).

7. The Class of Subgroups of Order 8 and Index 15.

13. \(2^3[5]\), Nor \(A_4 \times 2\), Orb \(8^3, 2^3\). \(\text{Contains } 16 \text{ groups in } 8 \text{ classes. N.} \)
Above \(2^c[3]\), \(2^b[3]\), \(2^a\). Below \(A_4 \times 2\).

8. The 3 Classes of Subgroups of Order 10 and Index 12.

14. \(D_{10a}[6]\), Nor \(D_{20}\), Der \(5\), Orb \(10^2, 5^2\). \(\text{Contains } 8 \text{ groups in } 4 \text{ classes.} \)
Above \(5\), \(2b[5]\). Below \(D_{20}, A_5\).

15. \(D_{10b}[6]\), Nor \(D_{20}\), Der \(5\), Orb \(10, 5^4\). \(\text{Contains } 8 \text{ groups in } 4 \text{ classes. Y.} \)
Above \(5\), \(2c[5]\). Below \(D_{20}\).

16. \(10[6]\), Nor \(D_{20}\), Orb \(10^3\). \(\text{Contains } 4 \text{ groups in } 4 \text{ classes.} \)
Above \(5\), \(2a\). Below \(D_{20}\).

9. The 2 Classes of Subgroups of Order 12 and Index 10.

17. \(A_4[5]\), Nor \(A_4 \times 2\), Der \(2^2a\), Orb \(12^2, 6\). \(\text{Contains } 10 \text{ groups in } 5 \text{ classes.} \)
Above \(2^a[3]\), \(3[4]\). Below \(A_4 \times 2, A_5\).

18. \(D_{12}[10]\), Selfnor, Der \(3\), Orb \(12, 6^3\). \(\text{Contains } 16 \text{ groups in } 10 \text{ classes. N.} \)
Above \(S_3b, 6, S_3a, 2^b[3]\). Below \(W(H_3)\).

10. The Class of Subgroups of Order 20 and Index 6.

19. \(D_{20}[6]\), Selfnor, Der \(5\), Orb \(10^3\). \(\text{Contains } 22 \text{ groups in } 10 \text{ classes. N.} \)
Above \(10, D_{10b}, D_{10a}, 2^b[5]\). Below \(W(H_3)\).

11. The Class of Subgroups of Order 24 and Index 5.

20. \(A_4 \times 2[5]\), Selfnor, Der \(2^2a\), Orb \(24, 6\). \(\text{Contains } 26 \text{ groups in } 12 \text{ classes. N.} \)
Above \(A_4, 2^3, 6[4]\). Below \(W(H_3)\).

12. The Class of Subgroups of Order 60 and Index 2.

21. \(A_5[1]\), Normal, Perfect, Orb \(30\). \(\text{Contains } 59 \text{ groups in } 9 \text{ classes. D.} \)
Above \(A_5[5], D_{10a}[6], S_3b[10]\). Below \(W(H_3)\).

13. The Class of Subgroups of Order 120 and Index 1.

22. \(W(H_3)[1]\), Selfnor, Der \(A_5\), Orb \(30\). \(\text{Contains } 164 \text{ groups in } 22 \text{ classes. NY.} \)
Above \(A_5, A_4 \times 2[5], D_{20}[6], D_{12}[10]\).