

Order of Operations (A)

Perform the operations in the correct order.

1. $12 - \left(\frac{8}{5} + 3 \div \frac{2}{3}\right)$

6. $\frac{11}{2} + \frac{9}{2} - (3 - 2)$

11. $4 - \frac{4}{3} \times \frac{5}{4} + \frac{11}{6}$

2. $\left(\frac{9}{2} + \frac{5}{2}\right) \div \frac{11}{2} \div \frac{1}{5}$

7. $10 + 4 - \frac{3}{2} - \frac{9}{2}$

12. $\left(\frac{11}{3} - \frac{7}{3} + 2\right) \div \frac{2}{5}$

3. $5^{\frac{2}{3} + 1 + \frac{1}{3}}$

8. $\frac{4^2}{3} \times 5 \times 1$

13. $1 - 1 + 8 - \frac{2}{5}$

4. $\frac{1}{2} \div \frac{9}{4} \times \left(11 - \frac{4}{3}\right)$

9. $2 \times \frac{1}{3} \div 2 \times \frac{6}{5}$

14. $3 - 2 + 2 - 1$

5. $\frac{1^3}{2} + \frac{3}{2} \div \frac{2}{3}$

10. $(1 + 2)^{\frac{8}{3} \times \frac{3}{4}}$

15. $2 \div (8 \times 8 - 2)$

Order of Operations (A) Answers

Perform the operations in the correct order.

$$\begin{aligned} 1. \quad & 12 - \left(\frac{8}{5} + 3 \div \frac{2}{3} \right) \\ & = \frac{59}{10} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{11}{2} + \frac{9}{2} - (3 - 2) \\ & = 9 \end{aligned}$$

$$\begin{aligned} 11. \quad & 4 - \frac{4}{3} \times \frac{5}{4} + \frac{11}{6} \\ & = \frac{25}{6} \end{aligned}$$

$$\begin{aligned} 2. \quad & \left(\frac{9}{2} + \frac{5}{2} \right) \div \frac{11}{2} \div \frac{1}{5} \\ & = \frac{70}{11} \end{aligned}$$

$$\begin{aligned} 7. \quad & 10 + 4 - \frac{3}{2} - \frac{9}{2} \\ & = 8 \end{aligned}$$

$$\begin{aligned} 12. \quad & \left(\frac{11}{3} - \frac{7}{3} + 2 \right) \div \frac{2}{5} \\ & = \frac{25}{3} \end{aligned}$$

$$\begin{aligned} 3. \quad & 5^{\frac{2}{3} + 1 + \frac{1}{3}} \\ & = 25 \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{4^2}{3} \times 5 \times 1 \\ & = \frac{80}{9} \end{aligned}$$

$$\begin{aligned} 13. \quad & 1 - 1 + 8 - \frac{2}{5} \\ & = \frac{38}{5} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{1}{2} \div \frac{9}{4} \times \left(11 - \frac{4}{3} \right) \\ & = \frac{58}{27} \end{aligned}$$

$$\begin{aligned} 9. \quad & 2 \times \frac{1}{3} \div 2 \times \frac{6}{5} \\ & = \frac{2}{5} \end{aligned}$$

$$\begin{aligned} 14. \quad & 3 - 2 + 2 - 1 \\ & = 2 \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{1^3}{2} + \frac{3}{2} \div \frac{2}{3} \\ & = \frac{19}{8} \end{aligned}$$

$$\begin{aligned} 10. \quad & (1 + 2)^{\frac{8}{3} \times \frac{3}{4}} \\ & = 9 \end{aligned}$$

$$\begin{aligned} 15. \quad & 2 \div (8 \times 8 - 2) \\ & = \frac{1}{31} \end{aligned}$$