

Order of Operations (E)

Perform the operations in the correct order.

1. $(-1) \div \left(-\frac{7}{2}\right) - (-1) \times 2$

6. $(-1)^{1-(-6+(-9))}$

2. $-4 + (-1) + \frac{9}{4} \div 4$

7. $\left(-\frac{1}{3}\right) \div 2 - (3 + (-4))$

3. $\frac{4}{3} - \left(-\frac{11}{6}\right) \times (-1 - 2)$

8. $\left(-\frac{1}{2} + 2\right) \times 3^1$

4. $\left(\frac{5}{2} + \frac{1}{2} - \frac{6}{5}\right)^2$

9. $\left(-\frac{7}{4}\right) \div \left(-\frac{3}{2}\right) - \left(1 - \left(-\frac{9}{5}\right)\right)$

5. $\left(-\frac{7}{4}\right) \div \frac{1}{2} \times 5 \div 2$

10. $\left(1 + \frac{5}{6}\right) \times \frac{1}{2}^2$

Order of Operations (E) Answers

Perform the operations in the correct order.

$$\begin{aligned} 1. & (-1) \div \left(-\frac{7}{2}\right) - (-1) \times 2 \\ & = \frac{16}{7} \end{aligned}$$

$$\begin{aligned} 6. & (-1)^{1-(-6+(-9))} \\ & = 1 \end{aligned}$$

$$\begin{aligned} 2. & -4 + (-1) + \frac{9}{4} \div 4 \\ & = -\frac{71}{16} \end{aligned}$$

$$\begin{aligned} 7. & \left(-\frac{1}{3}\right) \div 2 - (3 + (-4)) \\ & = \frac{5}{6} \end{aligned}$$

$$\begin{aligned} 3. & \frac{4}{3} - \left(-\frac{11}{6}\right) \times (-1 - 2) \\ & = -\frac{25}{6} \end{aligned}$$

$$\begin{aligned} 8. & \left(-\frac{1}{2} + 2\right) \times 3^1 \\ & = \frac{9}{2} \end{aligned}$$

$$\begin{aligned} 4. & \left(\frac{5}{2} + \frac{1}{2} - \frac{6}{5}\right)^2 \\ & = \frac{81}{25} \end{aligned}$$

$$\begin{aligned} 9. & \left(-\frac{7}{4}\right) \div \left(-\frac{3}{2}\right) - \left(1 - \left(-\frac{9}{5}\right)\right) \\ & = -\frac{49}{30} \end{aligned}$$

$$\begin{aligned} 5. & \left(-\frac{7}{4}\right) \div \frac{1}{2} \times 5 \div 2 \\ & = -\frac{35}{4} \end{aligned}$$

$$\begin{aligned} 10. & \left(1 + \frac{5}{6}\right) \times \frac{1}{2}^2 \\ & = \frac{11}{24} \end{aligned}$$