

## Order of Operations (A)

Perform the operations in the correct order.

1.  $\frac{1}{3} \div \left( \frac{3}{4} \div \left( \frac{1}{2} \times \frac{5}{2} \right) \right) \times \frac{6}{5}$

6.  $\left( \frac{5}{3} + \frac{1}{5} \right) \times \frac{5}{2} \times \left( \frac{5}{3} - \frac{5}{4} \right)$

2.  $3 \div \frac{4}{3} \times (8 + 3 + 7)$

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

3.  $(5 - 4) \times \frac{9}{5} - \frac{2}{3} - 1$

8.  $\left( 8 - \left( \frac{1}{3} + 5 \right) \right)^{4-2}$

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

9.  $(2 + 2) \div (1 + 12 + 3)$

5.  $\frac{7}{4}^{2 \times 1^{6 \div 2}}$

10.  $3 - \frac{5}{2} + 2 \div \frac{12}{5} + 1$

## Order of Operations (A) Answers

Perform the operations in the correct order.

$$1. \frac{1}{3} \div \left( \frac{3}{4} \div \left( \frac{1}{2} \times \frac{5}{2} \right) \right) \times \frac{6}{5} \\ = \frac{2}{3}$$

$$6. \left( \frac{5}{3} + \frac{1}{5} \right) \times \frac{5}{2} \times \left( \frac{5}{3} - \frac{5}{4} \right) \\ = \frac{35}{18}$$

$$2. 3 \div \frac{4}{3} \times (8 + 3 + 7) \\ = \frac{81}{2}$$

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

$$3. (5 - 4) \times \frac{9}{5} - \frac{2}{3} - 1 \\ = \frac{2}{15}$$

$$8. \left( 8 - \left( \frac{1}{3} + 5 \right) \right)^{4-2} \\ = \frac{64}{9}$$

$$4. \frac{3}{2} \times 5 \times \frac{1}{2} \div 2^2 \\ = \frac{15}{16}$$

$$9. (2 + 2) \div (1 + 12 + 3) \\ = \frac{1}{4}$$

$$5. \frac{7^{2 \times 1^{6 \div 2}}}{4} \\ = \frac{49}{16}$$

$$10. 3 - \frac{5}{2} + 2 \div \frac{12}{5} + 1 \\ = \frac{7}{3}$$

## Order of Operations (B)

Perform the operations in the correct order.

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

6.  $5 - \frac{3}{2} + \frac{3}{2} \times 6 - 3$

2.  $(12 - (1 \div \frac{3}{4} + \frac{1}{2})) \div \frac{1}{3}$

7.  $2 \times 7 \div (4 + 8 - 6)$

3.  $\frac{7}{5} \times \frac{9}{4} \div (\frac{1}{2} + \frac{11}{2} \div \frac{5}{2})$

8.  $\frac{4}{5} \times \left( \left( \frac{8}{5} + \frac{2}{5} \right)^2 - \frac{7}{4} \right)$

4.  $\frac{1^2}{6} + \frac{11}{4} - \left( \frac{5}{6} - \frac{3}{4} \right)$

9.  $\frac{11}{2} \div \frac{11}{4} + 2 + 2 + \frac{5}{2}$

5.  $\frac{8}{3} \times \frac{7}{5} - \frac{4}{3} + 3 \div 6$

10.  $2 - \frac{7}{5} \times \frac{2}{3} \times \left( 3 - \frac{12}{5} \right)$

## Order of Operations (B) Answers

Perform the operations in the correct order.

$$1. \frac{9}{5} \times 5 - \frac{6}{5} \times \frac{5^2}{3} \\ = \frac{17}{3}$$

$$6. 5 - \frac{3}{2} + \frac{3}{2} \times 6 - 3 \\ = \frac{19}{2}$$

$$2. (12 - (1 \div \frac{3}{4} + \frac{1}{2})) \div \frac{1}{3} \\ = \frac{61}{2}$$

$$7. 2 \times 7 \div (4 + 8 - 6) \\ = \frac{7}{3}$$

$$3. \frac{7}{5} \times \frac{9}{4} \div (\frac{1}{2} + \frac{11}{2} \div \frac{5}{2}) \\ = \frac{7}{6}$$

$$8. \frac{4}{5} \times \left( \left( \frac{8}{5} + \frac{2}{5} \right)^2 - \frac{7}{4} \right) \\ = \frac{9}{5}$$

$$4. \frac{1^2}{6} + \frac{11}{4} - \left( \frac{5}{6} - \frac{3}{4} \right) \\ = \frac{97}{36}$$

$$9. \frac{11}{2} \div \frac{11}{4} + 2 + 2 + \frac{5}{2} \\ = \frac{17}{2}$$

$$5. \frac{8}{3} \times \frac{7}{5} - \frac{4}{3} + 3 \div 6 \\ = \frac{29}{10}$$

$$10. 2 - \frac{7}{5} \times \frac{2}{3} \times \left( 3 - \frac{12}{5} \right) \\ = \frac{36}{25}$$

## Order of Operations (C)

Perform the operations in the correct order.

1.  $\frac{2}{5} \times 10 + 2^4 \div \frac{5}{3}$

6.  $\left(\left(\left(\frac{3}{4} + 2\right) \div \frac{11}{6}\right)^1\right)^2$

2.  $4 \times \frac{8}{5} \div \frac{4}{3} + 4 - 1$

7.  $\frac{3}{2} - \frac{1}{3} \times 6 \div (3 + 1)$

3.  $\frac{1}{2} + 1 - \frac{1}{3} + 2 \times \frac{5}{3}$

8.  $\left(\frac{3}{2} \times \frac{3}{2} + 7 - \frac{5}{4}\right)^2$

4.  $\frac{3}{2} - \frac{5}{6} \times 5 \times 1 \times \frac{1}{5}$

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

5.  $(1 + 9) \times \frac{3}{2}^{5 \div \frac{5}{2}}$

10.  $\left(\frac{10}{3} - \frac{3}{2} + \frac{4}{5} \div \frac{6}{5}\right) \div 2$

## Order of Operations (C) Answers

Perform the operations in the correct order.

$$\begin{aligned} 1. \quad & \frac{2}{5} \times 10 + 2^4 \div \frac{5}{3} \\ & = \frac{68}{5} \end{aligned}$$

$$\begin{aligned} 6. \quad & \left( \left( \left( \frac{3}{4} + 2 \right) \div \frac{11}{6} \right)^1 \right)^2 \\ & = \frac{9}{4} \end{aligned}$$

$$\begin{aligned} 2. \quad & 4 \times \frac{8}{5} \div \frac{4}{3} + 4 - 1 \\ & = \frac{39}{5} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{3}{2} - \frac{1}{3} \times 6 \div (3 + 1) \\ & = 1 \end{aligned}$$

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

$$\begin{aligned} 8. \quad & \left( \frac{3}{2} \times \frac{3}{2} + 7 - \frac{5}{4} \right)^2 \\ & = 64 \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{3}{2} - \frac{5}{6} \times 5 \times 1 \times \frac{1}{5} \\ & = \frac{2}{3} \end{aligned}$$

$$\begin{aligned} 9. \quad & (2 - 1) \times \left( 9 + \frac{2}{3} \right) + 2 \\ & = \frac{35}{3} \end{aligned}$$

$$\begin{aligned} 5. \quad & (1 + 9) \times \frac{3}{2}^{5 \div \frac{5}{2}} \\ & = \frac{45}{2} \end{aligned}$$

$$\begin{aligned} 10. \quad & \left( \frac{10}{3} - \frac{3}{2} + \frac{4}{5} \div \frac{6}{5} \right) \div 2 \\ & = \frac{5}{4} \end{aligned}$$

## Order of Operations (D)

Perform the operations in the correct order.

1.  $(3 - 1)^2 - (3 - \frac{3}{4})$

6.  $\frac{3}{2} + \frac{7}{4} - \frac{1}{4} - \frac{1}{2} \div 4$

2.  $\frac{1^2}{2} \div 7 \times (12 - 8)$

7.  $(1 + 3^2 - \frac{5}{3}) \div \frac{7}{6}$

3.  $(\frac{9}{5} \div \frac{7}{2} + \frac{1}{5} + 1) \times \frac{2}{3}$

8.  $\frac{1}{2} + \frac{11}{4} \times (5 - \frac{5}{2}) - \frac{5}{2}$

4.  $\frac{7}{2} \times (\frac{11}{3} - \frac{11}{6}) \times \frac{1}{3} - \frac{1}{3}$

9.  $\frac{3}{2} \div \frac{11}{3} \times 2^{8 \div 4}$

5.  $(\frac{2}{3} + \frac{4}{3})^{\frac{10}{3} \times 6 \div 4}$

10.  $\frac{7}{2} \div \frac{6}{5} - \frac{3}{2} + 6 + \frac{11}{6}$

## Order of Operations (D) Answers

Perform the operations in the correct order.

$$\begin{aligned} 1. (3-1)^2 - (3-\frac{3}{4}) \\ = \frac{7}{4} \end{aligned}$$

$$\begin{aligned} 6. \frac{3}{2} + \frac{7}{4} - \frac{1}{4} - \frac{1}{2} \div 4 \\ = \frac{23}{8} \end{aligned}$$

$$\begin{aligned} 2. \frac{1^2}{2} \div 7 \times (12-8) \\ = \frac{1}{7} \end{aligned}$$

$$\begin{aligned} 7. (1+3^2-\frac{5}{3}) \div \frac{7}{6} \\ = \frac{50}{7} \end{aligned}$$

$$\begin{aligned} 3. (\frac{9}{5} \div \frac{7}{2} + \frac{1}{5} + 1) \times \frac{2}{3} \\ = \frac{8}{7} \end{aligned}$$

$$\begin{aligned} 8. \frac{1}{2} + \frac{11}{4} \times (5-\frac{5}{2}) - \frac{5}{2} \\ = \frac{39}{8} \end{aligned}$$

$$\begin{aligned} 4. \frac{7}{2} \times (\frac{11}{3} - \frac{11}{6}) \times \frac{1}{3} - \frac{1}{3} \\ = \frac{65}{36} \end{aligned}$$

$$\begin{aligned} 9. \frac{3}{2} \div \frac{11}{3} \times 2^{8 \div 4} \\ = \frac{18}{11} \end{aligned}$$

$$\begin{aligned} 5. (\frac{2}{3} + \frac{4}{3})^{\frac{10}{3} \times 6 \div 4} \\ = 32 \end{aligned}$$

$$\begin{aligned} 10. \frac{7}{2} \div \frac{6}{5} - \frac{3}{2} + 6 + \frac{11}{6} \\ = \frac{37}{4} \end{aligned}$$

## Order of Operations (E)

Perform the operations in the correct order.

1.  $7 - (3 - \frac{1}{2} - \frac{1}{2} + \frac{5}{2})$

6.  $10 - 1 - \frac{1}{2} \div (\frac{1}{6} \div 3)$

2.  $\frac{11}{3} - (\frac{11}{2} + 2 - 4) \times \frac{3}{5}$

7.  $4 \div (\frac{1}{2} \div (1 \div 2 + 4))$

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

8.  $4 - (\frac{9^2}{4} - (7 - \frac{11}{2}))$

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

9.  $(6 \div 4)^{(9-6) \div 1}$

5.  $(\frac{11}{6} - \frac{4}{5}) \times (\frac{8}{3} - \frac{2}{3})^2$

10.  $3 \div 8 \div (\frac{9}{5} \div 1 + \frac{1}{5})$

## Order of Operations (E) Answers

Perform the operations in the correct order.

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

$$\begin{aligned} 6. \quad & 10 - 1 - \frac{1}{2} \div \left(\frac{1}{6} \div 3\right) \\ & = 0 \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{11}{3} - \left(\frac{11}{2} + 2 - 4\right) \times \frac{3}{5} \\ & = \frac{47}{30} \end{aligned}$$

$$\begin{aligned} 7. \quad & 4 \div \left(\frac{1}{2} \div (1 \div 2 + 4)\right) \\ & = 36 \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{3}{4} + (3 \div 2)^{1 \times 3} \\ & = \frac{33}{8} \end{aligned}$$

$$\begin{aligned} 8. \quad & 4 - \left(\frac{9^2}{4} - \left(7 - \frac{11}{2}\right)\right) \\ & = \frac{7}{16} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1 \times \frac{1}{4} \times \left(\frac{3}{2} + 4\right) \times 1 \\ & = \frac{11}{8} \end{aligned}$$

$$\begin{aligned} 9. \quad & (6 \div 4)^{(9-6) \div 1} \\ & = \frac{27}{8} \end{aligned}$$

$$\begin{aligned} 5. \quad & \left(\frac{11}{6} - \frac{4}{5}\right) \times \left(\frac{8}{3} - \frac{2}{3}\right)^2 \\ & = \frac{62}{15} \end{aligned}$$

$$\begin{aligned} 10. \quad & 3 \div 8 \div \left(\frac{9}{5} \div 1 + \frac{1}{5}\right) \\ & = \frac{3}{16} \end{aligned}$$

## Order of Operations (F)

Perform the operations in the correct order.

1.  $2^{\frac{3}{2}-\frac{1}{2}} - \left(\frac{8}{3} - \frac{4}{3}\right)$

6.  $1 \div \left(\frac{7}{6} \div \frac{1}{6} - 7 \div \frac{7}{2}\right)$

2.  $\frac{7}{6} - \left(\frac{1}{3} + \frac{3}{2} - \frac{3}{4} - 1\right)$

7.  $1^{10 \times 4} + \frac{1}{6} \times 12$

3.  $\left(\left(\frac{3}{2} - 1\right) \div \frac{1}{2} + \frac{11}{5}\right) \div \frac{1}{2}$

8.  $1 + 5 + \frac{2}{3} + \frac{9}{4} - 1$

4.  $(2 - (4 - 2)) \times \frac{1}{3} \div 3$

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

5.  $2 \div 2 \times \left(4 + 5 - \frac{3}{2}\right)$

10.  $\left(\frac{11}{2} + \frac{5}{2}\right)^{\frac{4}{5} + 3 \div \frac{5}{2}}$

## Order of Operations (F) Answers

Perform the operations in the correct order.

$$\begin{aligned} 1. \quad & 2^{\frac{3}{2}-\frac{1}{2}} - \left(\frac{8}{3} - \frac{4}{3}\right) \\ & = \frac{2}{3} \end{aligned}$$

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

$$\begin{aligned} 2. \quad & \frac{7}{6} - \left(\frac{1}{3} + \frac{3}{2} - \frac{3}{4} - 1\right) \\ & = \frac{13}{12} \end{aligned}$$

$$\begin{aligned} 7. \quad & 1^{10 \times 4} + \frac{1}{6} \times 12 \\ & = 3 \end{aligned}$$

$$\begin{aligned} 3. \quad & \left(\left(\frac{3}{2} - 1\right) \div \frac{1}{2} + \frac{11}{5}\right) \div \frac{1}{2} \\ & = \frac{32}{5} \end{aligned}$$

$$\begin{aligned} 8. \quad & 1 + 5 + \frac{2}{3} + \frac{9}{4} - 1 \\ & = \frac{95}{12} \end{aligned}$$

$$\begin{aligned} 4. \quad & (2 - (4 - 2)) \times \frac{1}{3} \div 3 \\ & = 0 \end{aligned}$$

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

$$\begin{aligned} 5. \quad & 2 \div 2 \times \left(4 + 5 - \frac{3}{2}\right) \\ & = \frac{15}{2} \end{aligned}$$

$$\begin{aligned} 10. \quad & \left(\frac{11}{2} + \frac{5}{2}\right)^{\frac{4}{5} + 3 \div \frac{5}{2}} \\ & = 64 \end{aligned}$$

## Order of Operations (G)

Perform the operations in the correct order.

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

6.  $(2^2)^{2-2} - \frac{1}{5}$

2.  $\frac{1}{2} \div 2 \times 4 \div \frac{7}{3} + \frac{9}{2}$

7.  $\left(\frac{7^2}{2} + 2\right) \times \frac{1}{2} \times \frac{5}{3}$

3.  $\left(1 - \left(\frac{5}{6} - \frac{4}{5}\right)\right) \div (1 \times 1)$

8.  $2 + \left(\frac{6}{5} \div \frac{9}{4} + \frac{2}{3}\right)^1$

4.  $3 \times 2^2 \div \left(\frac{5}{2} \div 3\right)$

9.  $\left(\frac{4}{5} - \frac{2}{3}\right) \times 12 + \frac{5}{2} + \frac{5}{6}$

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

10.  $\frac{4}{5} \div \left(6 \div 3 - \frac{8}{5} \times \frac{2}{5}\right)$

## Order of Operations (G) Answers

Perform the operations in the correct order.

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

$$6. (2^2)^{2-2} - \frac{1}{5} \\ = \frac{4}{5}$$

$$2. \frac{1}{2} \div 2 \times 4 \div \frac{7}{3} + \frac{9}{2} \\ = \frac{69}{14}$$

$$7. \left(\frac{7^2}{2} + 2\right) \times \frac{1}{2} \times \frac{5}{3} \\ = \frac{95}{8}$$

$$3. \left(1 - \left(\frac{5}{6} - \frac{4}{5}\right)\right) \div (1 \times 1) \\ = \frac{29}{30}$$

$$8. 2 + \left(\frac{6}{5} \div \frac{9}{4} + \frac{2}{3}\right)^1 \\ = \frac{16}{5}$$

$$4. 3 \times 2^2 \div \left(\frac{5}{2} \div 3\right) \\ = \frac{72}{5}$$

$$9. \left(\frac{4}{5} - \frac{2}{3}\right) \times 12 + \frac{5}{2} + \frac{5}{6} \\ = \frac{74}{15}$$

$$5. \left((2+1)^{1 \times 2}\right)^2 \\ = 81$$

$$10. \frac{4}{5} \div \left(6 \div 3 - \frac{8}{5} \times \frac{2}{5}\right) \\ = \frac{10}{17}$$

## Order of Operations (H)

Perform the operations in the correct order.

1.  $(5 - 2) \times (1 - \frac{1}{6}) \times \frac{4}{3}$

6.  $3 \times 2^1 \times \frac{2}{3} - 2$

2.  $\frac{11}{2} + 7 \times (\frac{3}{2} - \frac{4}{3}) \div \frac{7}{6}$

7.  $\frac{3}{4} \times 2^4 - \frac{1}{2} \div \frac{3}{4}$

3.  $\frac{1}{6}^{9 - (2^3 - 1)}$

8.  $\frac{1}{2} (5 \div \frac{5}{3})^2 - 4$

4.  $\frac{3}{2} \div ((4 + 6) \div \frac{1}{2} \times \frac{1}{2})$

9.  $2^4 \div 10 + \frac{5}{6} \times 4$

5.  $4 - (\frac{7}{4} - (\frac{7}{6} - \frac{1}{6}) \div \frac{4}{3})$

10.  $\frac{1}{6} \div \frac{1}{5} \times 1 \times \frac{4}{3} \times \frac{3}{4}$

## Order of Operations (H) Answers

Perform the operations in the correct order.

$$\begin{aligned} 1. (5 - 2) \times \left(1 - \frac{1}{6}\right) \times \frac{4}{3} \\ = \frac{10}{3} \end{aligned}$$

$$\begin{aligned} 6. 3 \times 2^1 \times \frac{2}{3} - 2 \\ = 2 \end{aligned}$$

$$\begin{aligned} 2. \frac{11}{2} + 7 \times \left(\frac{3}{2} - \frac{4}{3}\right) \div \frac{7}{6} \\ = \frac{13}{2} \end{aligned}$$

$$\begin{aligned} 7. \frac{3}{4} \times 2^4 - \frac{1}{2} \div \frac{3}{4} \\ = \frac{34}{3} \end{aligned}$$

$$\begin{aligned} 3. \frac{1}{6}^{9 - (2^3 - 1)} \\ = \frac{1}{36} \end{aligned}$$

$$\begin{aligned} 8. \frac{1}{2} \left(5 \div \frac{5}{3}\right)^2 - 4 \\ = \frac{1}{32} \end{aligned}$$

$$\begin{aligned} 4. \frac{3}{2} \div \left((4 + 6) \div \frac{1}{2} \times \frac{1}{2}\right) \\ = \frac{3}{20} \end{aligned}$$

$$\begin{aligned} 9. 2^4 \div 10 + \frac{5}{6} \times 4 \\ = \frac{74}{15} \end{aligned}$$

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

$$\begin{aligned} 10. \frac{1}{6} \div \frac{1}{5} \times 1 \times \frac{4}{3} \times \frac{3}{4} \\ = \frac{5}{6} \end{aligned}$$

## Order of Operations (I)

Perform the operations in the correct order.

1.  $(3 \div 1)^2 \times \frac{4}{5} \times \frac{5}{4}$

6.  $(\frac{3}{2} + (3 - 3) \times \frac{5}{2})^4$

2.  $\frac{1}{2} \div \frac{3}{4} \times \frac{8}{5} + \frac{11}{3} - \frac{5}{2}$

7.  $(12 + \frac{11}{6}) \div 1 - (6 + \frac{3}{4})$

3.  $3 \div \frac{8}{3} \div (3 - (4 - \frac{7}{5}))$

8.  $1^1 \div (6 + 2 \div \frac{1}{5})$

4.  $2 \times (2 + 2^2 + \frac{1}{6})$

9.  $2^{\frac{7}{6} + (\frac{12}{5} + \frac{1}{2}) \times \frac{5}{3}}$

5.  $(1 - 1) \times \frac{11}{3} + \frac{2}{5} \div \frac{1}{2}$

10.  $(\frac{7}{5} + \frac{7}{2}) \div 1 + 2 + \frac{11}{5}$

## Order of Operations (I) Answers

Perform the operations in the correct order.

$$1. (3 \div 1)^2 \times \frac{4}{5} \times \frac{5}{4} \\ = 9$$

$$6. \left(\frac{3}{2} + (3 - 3) \times \frac{5}{2}\right)^4 \\ = \frac{81}{16}$$

$$2. \frac{1}{2} \div \frac{3}{4} \times \frac{8}{5} + \frac{11}{3} - \frac{5}{2} \\ = \frac{67}{30}$$

$$7. \left(12 + \frac{11}{6}\right) \div 1 - \left(6 + \frac{3}{4}\right) \\ = \frac{85}{12}$$

$$3. 3 \div \frac{8}{3} \div \left(3 - \left(4 - \frac{7}{5}\right)\right) \\ = \frac{45}{16}$$

$$8. 1^1 \div \left(6 + 2 \div \frac{1}{5}\right) \\ = \frac{1}{16}$$

$$4. 2 \times \left(2 + 2^2 + \frac{1}{6}\right) \\ = \frac{37}{3}$$

$$9. 2^{\frac{7}{6} + \left(\frac{12}{5} + \frac{1}{2}\right) \times \frac{5}{3}} \\ = 64$$

$$5. (1 - 1) \times \frac{11}{3} + \frac{2}{5} \div \frac{1}{2} \\ = \frac{4}{5}$$

$$10. \left(\frac{7}{5} + \frac{7}{2}\right) \div 1 + 2 + \frac{11}{5} \\ = \frac{91}{10}$$

## Order of Operations (J)

Perform the operations in the correct order.

1.  $\frac{5}{4} \times \left( \frac{11}{2} - \frac{2}{3} - 11 \times \frac{1}{5} \right)$

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

2.  $\frac{6}{5} \times \frac{3}{2} \div 1 \times (3 + 1)$

7.  $\left( \left( 2 \times \frac{2}{3} \div 2 \right)^1 \right)^2$

3.  $\frac{10}{3} \times \frac{12}{5} - \left( 1 + \frac{1}{3} \right) \times \frac{8}{3}$

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

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

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

5.  $1 \times \left( 2 + \frac{11}{4} - \frac{1}{6} \right) \div 10$

10.  $6 \times \left( 12 + \frac{5}{6} \right) \times 1 \times 1$

## Order of Operations (J) Answers

Perform the operations in the correct order.

$$\begin{aligned} 1. \quad & \frac{5}{4} \times \left( \frac{11}{2} - \frac{2}{3} - 11 \times \frac{1}{5} \right) \\ & = \frac{79}{24} \end{aligned}$$

$$\begin{aligned} 6. \quad & \left( \frac{1}{3} \times \frac{9}{4} + \frac{1}{2} \right) \div \left( 2 \div \frac{7}{5} \right) \\ & = \frac{7}{8} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{6}{5} \times \frac{3}{2} \div 1 \times (3 + 1) \\ & = \frac{36}{5} \end{aligned}$$

$$\begin{aligned} 7. \quad & \left( \left( 2 \times \frac{2}{3} \div 2 \right)^1 \right)^2 \\ & = \frac{4}{9} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{10}{3} \times \frac{12}{5} - \left( 1 + \frac{1}{3} \right) \times \frac{8}{3} \\ & = \frac{40}{9} \end{aligned}$$

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

$$\begin{aligned} 4. \quad & \left( 3 - \frac{1}{5} \times \frac{9}{5} \right) \times (3 - 2) \\ & = \frac{66}{25} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1 - \left( 4 \times \frac{5}{3} - 3 - 3 \right) \\ & = \frac{1}{3} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1 \times \left( 2 + \frac{11}{4} - \frac{1}{6} \right) \div 10 \\ & = \frac{11}{24} \end{aligned}$$

$$\begin{aligned} 10. \quad & 6 \times \left( 12 + \frac{5}{6} \right) \times 1 \times 1 \\ & = 77 \end{aligned}$$