

## Order of Operations (I)

Perform the operations in the correct order.

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

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

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

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

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

8.  $\frac{9}{4} \div ((-\frac{8}{3}) \div (-\frac{5}{3})) + \frac{1}{2} \times \frac{3}{2}$

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

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

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

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

## Order of Operations (I) Answers

Perform the operations in the correct order.

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

$$6. \left( -7 - \left( -\frac{5}{2} \right)^2 \right) \div (-2)^2 \\ = -\frac{53}{16}$$

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

$$7. (-3 + (-2)) \div \left( \frac{1}{2} \div \frac{4}{3} + \frac{11}{4} \right) \\ = -\frac{8}{5}$$

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

$$8. \frac{9}{4} \div \left( \left( -\frac{8}{3} \right) \div \left( -\frac{5}{3} \right) \right) + \frac{1}{2} \times \frac{3}{2} \\ = \frac{69}{32}$$

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

$$9. \frac{5}{2} \div \left( 1 \times \left( \frac{5}{3} - (-3) - 1 \right) \right) \\ = \frac{15}{22}$$

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

$$10. (-1) \div \left( \frac{9}{5} - \left( -\frac{1}{3} \right) - \frac{3}{5} \times 2 \right) \\ = -\frac{15}{14}$$