

Order of Operations

Perform the operations in the correct order.

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

2. $\left(-\frac{5}{3}\right) \div \left(\frac{2}{5} \div (-3)\right) \div (-1)^{-2+10}$

3. $\frac{1}{2} \times (-1) \div 2 \times \left(-\frac{12}{5} + 9 - (-5)\right)$

4. $\frac{11}{6} \times \left((-10 - 1) \times \frac{1}{2} + 4\right) \div 7$

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

Order of Operations Answers

Perform the operations in the correct order.

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

$$2. \left(-\frac{5}{3}\right) \div \left(\frac{2}{5} \div (-3)\right) \div (-1)^{-2+10} \\ = \frac{25}{2}$$

$$3. \frac{1}{2} \times (-1) \div 2 \times \left(-\frac{12}{5} + 9 - (-5)\right) \\ = -\frac{29}{10}$$

$$4. \frac{11}{6} \times \left((-10 - 1) \times \frac{1}{2} + 4\right) \div 7 \\ = -\frac{11}{28}$$

$$5. -1 + (-5) \times \frac{8}{5} \times \left(-\frac{7}{4}\right) - 3 \div \frac{7}{3} \\ = \frac{82}{7}$$