

Order of Operations

Perform the operations in the correct order.

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

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

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

7. $3^2 - \left(1 - \left(-\frac{11}{2}\right)\right)$

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

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

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

9. $8 \div \left(-\frac{12}{5}\right) + (-4) - 3$

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

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

Order of Operations Answers

Perform the operations in the correct order.

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

$$6. \left(\frac{3^2}{2} + \frac{5}{2}\right) \div \left(-\frac{9}{5}\right) \\ = -\frac{95}{36}$$

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

$$7. 3^2 - \left(1 - \left(-\frac{11}{2}\right)\right) \\ = \frac{5}{2}$$

$$3. \left(-\frac{11}{4} + \left(-\frac{2}{3}\right)\right)^{(-1)^2} \\ = -\frac{41}{12}$$

$$8. \frac{2}{5} \div \frac{1}{2} \times (-1 - 2) \\ = -\frac{12}{5}$$

$$4. \left(-\frac{1}{6}\right)^{\frac{9}{5} + \left(-\frac{4}{5}\right)} \div (-4) \\ = \frac{1}{36}$$

$$9. 8 \div \left(-\frac{12}{5}\right) + (-4) - 3 \\ = -\frac{31}{3}$$

$$5. \left(2 + \frac{3}{2}\right)^2 + 8 \\ = \frac{81}{4}$$

$$10. \frac{1}{2} + \left(-\frac{1}{2}\right) + \frac{1}{4} - \left(-\frac{7}{6}\right) \\ = \frac{17}{12}$$