

Order of Operations (H)

Perform the operations in the correct order.

1. $-\frac{6}{5} - 1 + \frac{3}{2} + 12 - \frac{11}{5}$

6. $6 \div \left((7 - 3)^2 + 2 \right)$

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

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

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

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

4. $\left(-\frac{7}{2} \right) \div \left(-\frac{11}{4} - (-2) \times \left(-\frac{5}{2} \right) \right) \times 4$

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

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

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

Order of Operations (H) Answers

Perform the operations in the correct order.

$$1. -\frac{6}{5} - 1 + \frac{3}{2} + 12 - \frac{11}{5} \\ = \frac{91}{10}$$

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

$$2. \left(-\frac{7}{2} - \left(-\frac{7}{4} \right) \right) \times \frac{1}{3} \div \left(\left(-\frac{7}{3} \right) \times (-4) \right) \\ = -\frac{1}{16}$$

$$7. \left(\left(-\frac{5}{3} \right)^2 - 3^2 \right) \div (-1) \\ = \frac{56}{9}$$

$$3. \left(-\frac{9}{4} \right) \div (-4) \div \left(-1 + \frac{3}{5} \right) + 2 \\ = \frac{19}{32}$$

$$8. 2 \div \left(\left(-\frac{3}{2} \right)^2 + (-1) \right) + 4 \\ = \frac{28}{5}$$

$$4. \left(-\frac{7}{2} \right) \div \left(-\frac{11}{4} - (-2) \times \left(-\frac{5}{2} \right) \right) \times 4 \\ = \frac{56}{31}$$

$$9. \left(-\frac{1}{2} \right) \times 6 - 1 + 1 - \left(-\frac{11}{3} \right) \\ = \frac{2}{3}$$

$$5. 7 \div \left((-1)^3 - \frac{9}{2} + \frac{3}{5} \right) \\ = -\frac{10}{7}$$

$$10. \left(\frac{10}{3} - (-3) \times (-1) \right) \div \left(-10 + \left(-\frac{2}{3} \right) \right) \\ = -\frac{1}{32}$$