

Order of Operations (A)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(-6) \div (-2) - (-10) + (-4) \times ((-8) - (-9) + 7)$$

$$((-8) + (-10)) \times (-4) \div (-3) - 10 + 8 \div 4$$

$$(6 \times (-6)) \div ((-8) + (-2) - 4 + 2) \div (-3)$$

Order of Operations (A) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & (-6) \div (-2) - (-10) + (-4) \times \left(\underline{(-8) - (-9)} + 7 \right) \\ & = (-6) \div (-2) - (-10) + (-4) \times \underline{(1 + 7)} \\ & = \underline{(-6) \div (-2)} - (-10) + (-4) \times 8 \\ & = 3 - (-10) + \underline{(-4) \times 8} \\ & = \underline{3 - (-10)} + (-32) \\ & = \underline{13 + (-32)} \\ & = -19 \end{aligned}$$

$$\begin{aligned} & \left(\left(\underline{(-8) + (-10)} \right) \times (-4) \right) \div (-3) - 10 + 8 \div 4 \\ & = \left(\underline{(-18) \times (-4)} \right) \div (-3) - 10 + 8 \div 4 \\ & = \underline{72 \div (-3)} - 10 + 8 \div 4 \\ & = (-24) - 10 + \underline{8 \div 4} \\ & = \underline{(-24) - 10} + 2 \\ & = \underline{(-34) + 2} \\ & = -32 \end{aligned}$$

$$\begin{aligned} & \left(\underline{6 \times (-6)} \right) \div \left((-8) + (-2) - 4 + 2 \right) \div (-3) \\ & = (-36) \div \left(\underline{(-8) + (-2)} - 4 + 2 \right) \div (-3) \\ & = (-36) \div \left(\underline{(-10) - 4} + 2 \right) \div (-3) \\ & = (-36) \div \left(\underline{(-14) + 2} \right) \div (-3) \\ & = \underline{(-36) \div (-12)} \div (-3) \\ & = \underline{3 \div (-3)} \\ & = -1 \end{aligned}$$