

Order of Operations (C)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

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

$$((-9) - (-5)) \times (-6) \div ((-10) + 6)$$

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

$$9 \times 10 \div ((-3) + (-10) - 2)$$

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

$$(9 \div (-9) + 5) \times ((-7) - 3)$$

$$(7 \times 3 - (-4)) \div ((-5) + 10)$$

$$((-3) \times (-2) - 8 + 9) \div 7$$

Order of Operations (C) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & (6 - 4 + 8 \div (-8)) \times (-10) \\ &= (6 - 4 + (-1)) \times (-10) \\ &= (2 + (-1)) \times (-10) \\ &= 1 \times (-10) \\ &= -10 \end{aligned}$$

$$\begin{aligned} & ((-9) - (-5)) \times (-6) \div ((-10) + 6) \\ &= (-4) \times (-6) \div ((-10) + 6) \\ &= (-4) \times (-6) \div (-4) \\ &= 24 \div (-4) \\ &= -6 \end{aligned}$$

$$\begin{aligned} & (-4) \times 9 \div (2 - (-10) + (-8)) \\ &= (-4) \times 9 \div (12 + (-8)) \\ &= (-4) \times 9 \div 4 \\ &= (-36) \div 4 \\ &= -9 \end{aligned}$$

$$\begin{aligned} & 9 \times 10 \div ((-3) + (-10) - 2) \\ &= 9 \times 10 \div ((-13) - 2) \\ &= 9 \times 10 \div (-15) \\ &= 90 \div (-15) \\ &= -6 \end{aligned}$$

$$\begin{aligned} & ((-10) + 6) \div ((-4) \times (-2) - 10) \\ &= (-4) \div ((-4) \times (-2) - 10) \\ &= (-4) \div (8 - 10) \\ &= (-4) \div (-2) \\ &= 2 \end{aligned}$$

$$\begin{aligned} & (9 \div (-9) + 5) \times ((-7) - 3) \\ &= ((-1) + 5) \times ((-7) - 3) \\ &= 4 \times ((-7) - 3) \\ &= 4 \times (-10) \\ &= -40 \end{aligned}$$

$$\begin{aligned} & (7 \times 3 - (-4)) \div ((-5) + 10) \\ &= (21 - (-4)) \div ((-5) + 10) \\ &= 25 \div ((-5) + 10) \\ &= 25 \div 5 \\ &= 5 \end{aligned}$$

$$\begin{aligned} & ((-3) \times (-2) - 8 + 9) \div 7 \\ &= (6 - 8 + 9) \div 7 \\ &= ((-2) + 9) \div 7 \\ &= 7 \div 7 \\ &= 1 \end{aligned}$$