

Order of Operations (I)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

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

$$((9 + (-5)) \div (-2)) \times 5$$

$$(-7) \times ((-3) + 5 - 6)$$

$$7 \times (9 + (-5) - 4)$$

$$(9 + (-6)) \times (6 - (-2))$$

$$(5 \div ((-6) - (-7))) \times (-10)$$

$$(5 + 6 - 10) \times 8$$

$$(-10) \div (6 - (-4) + (-9))$$

Order of Operations (I) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (9 - 8) \times ((-10) + 4) \\ & = 1 \times ((-10) + 4) \\ & = 1 \times (-6) \\ & = -6 \end{aligned}$$

$$\begin{aligned} & ((9 + (-5)) \div (-2)) \times 5 \\ & = (4 \div (-2)) \times 5 \\ & = (-2) \times 5 \\ & = -10 \end{aligned}$$

$$\begin{aligned} & (-7) \times ((-3) + 5 - 6) \\ & = (-7) \times (2 - 6) \\ & = (-7) \times (-4) \\ & = 28 \end{aligned}$$

$$\begin{aligned} & 7 \times (9 + (-5) - 4) \\ & = 7 \times (4 - 4) \\ & = 7 \times 0 \\ & = 0 \end{aligned}$$

$$\begin{aligned} & (9 + (-6)) \times (6 - (-2)) \\ & = 3 \times (6 - (-2)) \\ & = 3 \times 8 \\ & = 24 \end{aligned}$$

$$\begin{aligned} & (5 \div ((-6) - (-7))) \times (-10) \\ & = (5 \div 1) \times (-10) \\ & = 5 \times (-10) \\ & = -50 \end{aligned}$$

$$\begin{aligned} & (5 + 6 - 10) \times 8 \\ & = (11 - 10) \times 8 \\ & = 1 \times 8 \\ & = 8 \end{aligned}$$

$$\begin{aligned} & (-10) \div (6 - (-4) + (-9)) \\ & = (-10) \div (10 + (-9)) \\ & = (-10) \div 1 \\ & = -10 \end{aligned}$$