

Order of Operations (I)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$((-7) - (-5))^3 \div 4$$

$$(4^2 - 8) \times (-9)$$

$$9 \div 3 - (-9)^2$$

$$(-7)^2 - (-10) \times (-3)$$

$$(-8) \times (-9) + (-3)^3$$

$$(-2) \times 2^2 - 4$$

$$(-8) \times ((-3)^2 + (-10))$$

$$4 - (-3)^3 \times 3$$

$$(-4)^3 - (-6) \div 3$$

$$(3^3 + (-7)) \times (-2)$$

Order of Operations (I) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \left(\underline{(-7) - (-5)} \right)^3 \div 4 \\ & = \underline{(-2)^3} \div 4 \\ & = \underline{(-8)} \div 4 \\ & = -2 \end{aligned}$$

$$\begin{aligned} & (\underline{4^2} - 8) \times (-9) \\ & = \underline{(16 - 8)} \times (-9) \\ & = \underline{8 \times (-9)} \\ & = -72 \end{aligned}$$

$$\begin{aligned} & 9 \div 3 - \underline{(-9)^2} \\ & = \underline{9 \div 3} - 81 \\ & = \underline{3 - 81} \\ & = -78 \end{aligned}$$

$$\begin{aligned} & \underline{(-7)^2} - (-10) \times (-3) \\ & = 49 - \underline{(-10) \times (-3)} \\ & = \underline{49 - 30} \\ & = 19 \end{aligned}$$

$$\begin{aligned} & (-8) \times (-9) + \underline{(-3)^3} \\ & = \underline{(-8) \times (-9)} + (-27) \\ & = \underline{72 + (-27)} \\ & = 45 \end{aligned}$$

$$\begin{aligned} & (-2) \times \underline{2^2} - 4 \\ & = \underline{(-2) \times 4} - 4 \\ & = \underline{(-8) - 4} \\ & = -12 \end{aligned}$$

$$\begin{aligned} & (-8) \times \left(\underline{(-3)^2} + (-10) \right) \\ & = (-8) \times \left(\underline{9 + (-10)} \right) \\ & = \underline{(-8) \times (-1)} \\ & = 8 \end{aligned}$$

$$\begin{aligned} & 4 - \underline{(-3)^3} \times 3 \\ & = 4 - \underline{(-27) \times 3} \\ & = \underline{4 - (-81)} \\ & = 85 \end{aligned}$$

$$\begin{aligned} & \underline{(-4)^3} - (-6) \div 3 \\ & = (-64) - \underline{(-6) \div 3} \\ & = \underline{(-64) - (-2)} \\ & = -62 \end{aligned}$$

$$\begin{aligned} & (\underline{3^3} + (-7)) \times (-2) \\ & = \left(\underline{27 + (-7)} \right) \times (-2) \\ & = \underline{20 \times (-2)} \\ & = -40 \end{aligned}$$