

Order of Operations (H)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$7^2 - (-4) \times 9$$

$$7^2 \div (-7) + (-8)$$

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

$$(-4)^3 \div 8 + (-2)$$

$$(-2)^3 \times (5 - 4)$$

$$10^2 \times ((-5) - (-4))$$

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

$$6 \times 2^3 - (-4)$$

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

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

Order of Operations (H) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{7^2} - (-4) \times 9 \\ &= 49 - \underline{(-4) \times 9} \\ &= \underline{49 - (-36)} \\ &= 85 \end{aligned}$$

$$\begin{aligned} & \underline{7^2} \div (-7) + (-8) \\ &= \underline{49 \div (-7)} + (-8) \\ &= \underline{(-7) + (-8)} \\ &= -15 \end{aligned}$$

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

$$\begin{aligned} & \underline{(-4)^3} \div 8 + (-2) \\ &= \underline{(-64) \div 8} + (-2) \\ &= \underline{(-8) + (-2)} \\ &= -10 \end{aligned}$$

$$\begin{aligned} & (-2)^3 \times (\underline{5 - 4}) \\ &= \underline{(-2)^3} \times 1 \\ &= \underline{(-8) \times 1} \\ &= -8 \end{aligned}$$

$$\begin{aligned} & 10^2 \times (\underline{(-5) - (-4)}) \\ &= \underline{10^2} \times (-1) \\ &= \underline{100 \times (-1)} \\ &= -100 \end{aligned}$$

$$\begin{aligned} & \underline{7^2} + (-2) \times 10 \\ &= 49 + \underline{(-2) \times 10} \\ &= \underline{49 + (-20)} \\ &= 29 \end{aligned}$$

$$\begin{aligned} & 6 \times \underline{2^3} - (-4) \\ &= \underline{6 \times 8} - (-4) \\ &= \underline{48 - (-4)} \\ &= 52 \end{aligned}$$

$$\begin{aligned} & (\underline{8 + (-4)})^2 \times 2 \\ &= \underline{4^2} \times 2 \\ &= \underline{16 \times 2} \\ &= 32 \end{aligned}$$

$$\begin{aligned} & 4 \times 6 - \underline{(-4)^3} \\ &= \underline{4 \times 6} - (-64) \\ &= \underline{24 - (-64)} \\ &= 88 \end{aligned}$$