

# Order of Operations (B)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

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

$$6^2 + (-6) \times (-7)$$

$$7 \times 9 - 5^2$$

$$5 \times ((-4) + 6)^2$$

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

$$(2 - 6)^2 \times (-5)$$

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

$$3^3 + (-5) \times 9$$

$$10 \times (2^3 + (-5))$$

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

# Order of Operations (B) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{(7-5)}^3 \times (-4) \\ & = \underline{2^3} \times (-4) \\ & = \underline{8 \times (-4)} \\ & = -32 \end{aligned}$$

$$\begin{aligned} & \underline{6^2} + (-6) \times (-7) \\ & = 36 + \underline{(-6) \times (-7)} \\ & = \underline{36 + 42} \\ & = 78 \end{aligned}$$

$$\begin{aligned} & 7 \times 9 - \underline{5^2} \\ & = \underline{7 \times 9} - 25 \\ & = \underline{63 - 25} \\ & = 38 \end{aligned}$$

$$\begin{aligned} & 5 \times \underline{((-4) + 6)}^2 \\ & = 5 \times \underline{2^2} \\ & = \underline{5 \times 4} \\ & = 20 \end{aligned}$$

$$\begin{aligned} & \underline{(-2)^2} \times 10 + 8 \\ & = \underline{4 \times 10} + 8 \\ & = \underline{40 + 8} \\ & = 48 \end{aligned}$$

$$\begin{aligned} & \underline{(2-6)}^2 \times (-5) \\ & = \underline{(-4)^2} \times (-5) \\ & = \underline{16 \times (-5)} \\ & = -80 \end{aligned}$$

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

$$\begin{aligned} & \underline{3^3} + (-5) \times 9 \\ & = 27 + \underline{(-5) \times 9} \\ & = \underline{27 + (-45)} \\ & = -18 \end{aligned}$$

$$\begin{aligned} & 10 \times (\underline{2^3} + (-5)) \\ & = 10 \times \underline{(8 + (-5))} \\ & = \underline{10 \times 3} \\ & = 30 \end{aligned}$$

$$\begin{aligned} & (-9) \times ((-7) + \underline{4^2}) \\ & = (-9) \times \underline{((-7) + 16)} \\ & = \underline{(-9) \times 9} \\ & = -81 \end{aligned}$$