

# Order of Operations (A)

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

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

Simplify each expression using the correct order of operations.

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

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

$$(-8) \times (-6) - (-5)^2$$

$$8 - 5 \times 4^2$$

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

$$3 \times (9 + (-8))^2$$

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

$$10 \times (-5) + (-6)^2$$

$$(7 - 8) \times 2^2$$

$$(-7) \times (-4) + 2^3$$

# Order of Operations (A) Answers

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (-10) \times 2 - \underline{(-7)^2} \\ & = \underline{(-10) \times 2} - 49 \\ & = \underline{(-20) - 49} \\ & = -69 \end{aligned}$$

$$\begin{aligned} & 6 \times 5 + \underline{(-4)^2} \\ & = \underline{6 \times 5} + 16 \\ & = \underline{30 + 16} \\ & = 46 \end{aligned}$$

$$\begin{aligned} & (-8) \times (-6) - \underline{(-5)^2} \\ & = \underline{(-8) \times (-6)} - 25 \\ & = \underline{48 - 25} \\ & = 23 \end{aligned}$$

$$\begin{aligned} & 8 - 5 \times \underline{4^2} \\ & = 8 - \underline{5 \times 16} \\ & = \underline{8 - 80} \\ & = -72 \end{aligned}$$

$$\begin{aligned} & \underline{2^2} \times (-9) - 9 \\ & = \underline{4 \times (-9)} - 9 \\ & = \underline{(-36) - 9} \\ & = -45 \end{aligned}$$

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

$$\begin{aligned} & 5 - (-4) \times \underline{(-3)^2} \\ & = 5 - \underline{(-4) \times 9} \\ & = \underline{5 - (-36)} \\ & = 41 \end{aligned}$$

$$\begin{aligned} & 10 \times (-5) + \underline{(-6)^2} \\ & = \underline{10 \times (-5)} + 36 \\ & = \underline{(-50) + 36} \\ & = -14 \end{aligned}$$

$$\begin{aligned} & \underline{(7 - 8)} \times 2^2 \\ & = (-1) \times \underline{2^2} \\ & = \underline{(-1) \times 4} \\ & = -4 \end{aligned}$$

$$\begin{aligned} & (-7) \times (-4) + \underline{2^3} \\ & = \underline{(-7) \times (-4)} + 8 \\ & = \underline{28 + 8} \\ & = 36 \end{aligned}$$