

# Order of Operations (A)

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

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

Simplify each expression using the correct order of operations.

$$8 \div (7 - 9) \times (4 + (-4))$$

$$4 \times ((-4) \div (-2) - (-3) + (-6))$$

$$(2 + 5 \times ((-2) - (-7))) \div (-9)$$

$$6 \times (5 - (-5) + 2) \div 8$$

$$(7 \times 8 - (-10)) \div 6 + (-6)$$

$$9 \times (3 - 5 + (-2)) \div (-3)$$

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

$$(8 \times (-4) - (-9) + (-7)) \div 3$$

# Order of Operations (A) Answers

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 8 \div (7 - 9) \times (4 + (-4)) \\ & = 8 \div (-2) \times (4 + (-4)) \\ & = \underline{8 \div (-2)} \times 0 \\ & = \underline{(-4) \times 0} \\ & = 0 \end{aligned}$$

$$\begin{aligned} & 4 \times ((-4) \div (-2) - (-3) + (-6)) \\ & = 4 \times (2 - (-3) + (-6)) \\ & = 4 \times (5 + (-6)) \\ & = \underline{4 \times (-1)} \\ & = -4 \end{aligned}$$

$$\begin{aligned} & (2 + 5 \times ((-2) - (-7))) \div (-9) \\ & = (2 + \underline{5 \times 5}) \div (-9) \\ & = \underline{(2 + 25)} \div (-9) \\ & = \underline{27 \div (-9)} \\ & = -3 \end{aligned}$$

$$\begin{aligned} & 6 \times (5 - (-5) + 2) \div 8 \\ & = 6 \times (\underline{10 + 2}) \div 8 \\ & = \underline{6 \times 12} \div 8 \\ & = \underline{72 \div 8} \\ & = 9 \end{aligned}$$

$$\begin{aligned} & (7 \times 8 - (-10)) \div 6 + (-6) \\ & = (\underline{56 - (-10)}) \div 6 + (-6) \\ & = \underline{66 \div 6} + (-6) \\ & = \underline{11 + (-6)} \\ & = 5 \end{aligned}$$

$$\begin{aligned} & 9 \times (3 - 5 + (-2)) \div (-3) \\ & = 9 \times ((-2) + (-2)) \div (-3) \\ & = \underline{9 \times (-4)} \div (-3) \\ & = \underline{(-36) \div (-3)} \\ & = 12 \end{aligned}$$

$$\begin{aligned} & (5 \div (-5) - (-8)) \times (8 + (-6)) \\ & = (\underline{(-1) - (-8)}) \times (8 + (-6)) \\ & = 7 \times (\underline{8 + (-6)}) \\ & = \underline{7 \times 2} \\ & = 14 \end{aligned}$$

$$\begin{aligned} & (8 \times (-4) - (-9) + (-7)) \div 3 \\ & = (\underline{(-32) - (-9)} + (-7)) \div 3 \\ & = (\underline{(-23) + (-7)}) \div 3 \\ & = \underline{(-30) \div 3} \\ & = -10 \end{aligned}$$