

Order of Operations (A)

Name: _____

Date: _____

Solve 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: _____

Solve each expression using the correct order of operations.

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

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

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

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

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

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

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

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