

# Order of Operations (I)

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

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

Solve each expression using the correct order of operations.

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

$$((-9) - (-10) + 3) \times 6 \div (-3)$$

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

$$4 \times (9 + (-9) - 5 \div (-5))$$

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

$$(-8) \times ((-9) \div 3 - 6 + 8)$$

$$10 + 7 \times (4 \div ((-3) - (-5)))$$

$$(9 - 2 + (-9)) \times (8 \div (-2))$$

# Order of Operations (I) Answers

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

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

Solve each expression using the correct order of operations.

$$\begin{aligned} & \left( \underline{(-6) \times (-3)} \right) \div (-2) + (-4) - 6 \\ & = \underline{18 \div (-2)} + (-4) - 6 \\ & = \underline{(-9) + (-4)} - 6 \\ & = \underline{(-13) - 6} \\ & = -19 \end{aligned}$$

$$\begin{aligned} & \left( \underline{(-9) - (-10)} + 3 \right) \times 6 \div (-3) \\ & = \underline{(1 + 3)} \times 6 \div (-3) \\ & = \underline{4 \times 6} \div (-3) \\ & = \underline{24 \div (-3)} \\ & = -8 \end{aligned}$$

$$\begin{aligned} & 6 \times ((-2) - \underline{4 \div 2} + (-5)) \\ & = 6 \times \left( \underline{(-2) - 2} + (-5) \right) \\ & = 6 \times \left( \underline{(-4) + (-5)} \right) \\ & = \underline{6 \times (-9)} \\ & = -54 \end{aligned}$$

$$\begin{aligned} & 4 \times \left( 9 + (-9) - \underline{5 \div (-5)} \right) \\ & = 4 \times \left( \underline{9 + (-9)} - (-1) \right) \\ & = 4 \times \left( \underline{0 - (-1)} \right) \\ & = \underline{4 \times 1} \\ & = 4 \end{aligned}$$

$$\begin{aligned} & 3 \div \left( \underline{2 + (-3)} \right) \times (4 - (-7)) \\ & = 3 \div (-1) \times \left( \underline{4 - (-7)} \right) \\ & = \underline{3 \div (-1)} \times 11 \\ & = \underline{(-3) \times 11} \\ & = -33 \end{aligned}$$

$$\begin{aligned} & (-8) \times \left( \underline{(-9) \div 3} - 6 + 8 \right) \\ & = (-8) \times \left( \underline{(-3) - 6} + 8 \right) \\ & = (-8) \times \left( \underline{(-9) + 8} \right) \\ & = \underline{(-8) \times (-1)} \\ & = 8 \end{aligned}$$

$$\begin{aligned} & 10 + 7 \times \left( 4 \div \left( \underline{(-3) - (-5)} \right) \right) \\ & = 10 + 7 \times \left( \underline{4 \div 2} \right) \\ & = 10 + \underline{7 \times 2} \\ & = \underline{10 + 14} \\ & = 24 \end{aligned}$$

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