

Order of Operations (F)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(10 \div (-5)) \times (-2) - 2 + (-7) - (-9)$$

$$(((-8) + 4) \div (2 - 3)) \times (-3) + 6$$

$$2 + 5 - 4 \times (-5) \div ((-4) - (-3))$$

$$(6 \times 3) \div 9 - (-4) + 2 \times (-5)$$

$$(-2) \times (((-6) + (-5) - 2) \div (9 + 4))$$

$$((6 + 2) \div 4) \times (-8) - (-10) + 7$$

Order of Operations (F) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & \left(\underline{10 \div (-5)} \right) \times (-2) - 2 + (-7) - (-9) \\ & = \underline{(-2) \times (-2)} - 2 + (-7) - (-9) \\ & = \underline{4 - 2} + (-7) - (-9) \\ & = \underline{2 + (-7)} - (-9) \\ & = \underline{(-5) - (-9)} \\ & = 4 \end{aligned}$$

$$\begin{aligned} & \left(\left(\underline{(-8) + 4} \right) \div (2 - 3) \right) \times (-3) + 6 \\ & = \left((-4) \div \underline{(2 - 3)} \right) \times (-3) + 6 \\ & = \left(\underline{(-4) \div (-1)} \right) \times (-3) + 6 \\ & = \underline{4 \times (-3)} + 6 \\ & = \underline{(-12) + 6} \\ & = -6 \end{aligned}$$

$$\begin{aligned} & 2 + 5 - 4 \times (-5) \div \left(\underline{(-4) - (-3)} \right) \\ & = 2 + 5 - \underline{4 \times (-5)} \div (-1) \\ & = 2 + 5 - \underline{(-20) \div (-1)} \\ & = \underline{2 + 5} - 20 \\ & = \underline{7 - 20} \\ & = -13 \end{aligned}$$

$$\begin{aligned} & \underline{(6 \times 3)} \div 9 - (-4) + 2 \times (-5) \\ & = \underline{18 \div 9} - (-4) + 2 \times (-5) \\ & = 2 - (-4) + \underline{2 \times (-5)} \\ & = \underline{2 - (-4)} + (-10) \\ & = \underline{6 + (-10)} \\ & = -4 \end{aligned}$$

$$\begin{aligned} & (-2) \times \left(\left(\underline{(-6) + (-5)} - 2 \right) \div (9 + 4) \right) \\ & = (-2) \times \left(\left(\underline{(-11) - 2} \right) \div (9 + 4) \right) \\ & = (-2) \times \left((-13) \div \underline{(9 + 4)} \right) \\ & = (-2) \times \left(\underline{(-13) \div 13} \right) \\ & = \underline{(-2) \times (-1)} \\ & = 2 \end{aligned}$$

$$\begin{aligned} & \left(\underline{(6 + 2)} \div 4 \right) \times (-8) - (-10) + 7 \\ & = \underline{(8 \div 4)} \times (-8) - (-10) + 7 \\ & = \underline{2 \times (-8)} - (-10) + 7 \\ & = \underline{(-16) - (-10)} + 7 \\ & = \underline{(-6) + 7} \\ & = 1 \end{aligned}$$