

Order of Operations with Decimals (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(-3.5) - (3.7)^2$$

$$(-0.5) \times (4.8 - 3.3)$$

$$(-8.3)^2 + (-2.2)$$

$$((-5.1) + 0.3) \times (-3.2)$$

$$(-6.3) \times (-2.5) + 1.25$$

$$(-5.7) - (8.8)^2$$

$$2.4 \div (-0.3) - 7.6$$

$$(-5.6) - (-0.5)^2$$

$$7.1 \times (-4.4) + (-2.8)$$

$$(9.9)^2 - 5.2$$

Order of Operations with Decimals (F) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & (-3.5) - \underline{(3.7)^2} \\ & = \underline{(-3.5) - 13.69} \\ & = -17.19 \end{aligned}$$

$$\begin{aligned} & (-0.5) \times \underline{(4.8 - 3.3)} \\ & = \underline{(-0.5) \times 1.5} \\ & = -0.75 \end{aligned}$$

$$\begin{aligned} & \underline{(-8.3)^2} + (-2.2) \\ & = \underline{68.89 + (-2.2)} \\ & = 66.69 \end{aligned}$$

$$\begin{aligned} & \underline{((-5.1) + 0.3)} \times (-3.2) \\ & = \underline{(-4.8) \times (-3.2)} \\ & = 15.36 \end{aligned}$$

$$\begin{aligned} & \underline{(-6.3) \times (-2.5)} + 1.25 \\ & = \underline{15.75 + 1.25} \\ & = 17 \end{aligned}$$

$$\begin{aligned} & (-5.7) - \underline{(8.8)^2} \\ & = \underline{(-5.7) - 77.44} \\ & = -83.14 \end{aligned}$$

$$\begin{aligned} & \underline{2.4 \div (-0.3)} - 7.6 \\ & = \underline{(-8) - 7.6} \\ & = -15.6 \end{aligned}$$

$$\begin{aligned} & (-5.6) - \underline{(-0.5)^2} \\ & = \underline{(-5.6) - 0.25} \\ & = -5.85 \end{aligned}$$

$$\begin{aligned} & \underline{7.1 \times (-4.4)} + (-2.8) \\ & = \underline{(-31.24) + (-2.8)} \\ & = -34.04 \end{aligned}$$

$$\begin{aligned} & \underline{(9.9)^2} - 5.2 \\ & = \underline{98.01 - 5.2} \\ & = 92.81 \end{aligned}$$