

Order of Operations with Decimals (H)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$0.4 + (-2.1) \times 6.9$$

$$6.7 - (8.6)^2$$

$$9.8 \times ((-3.3) - (-2.7))$$

$$(-2.9) \times ((-2.5) - 1.6)$$

$$(2.1 + 5.8) \div 7.9$$

$$2.7 - (-3.2)^2$$

$$(0.4)^2 - (-7.8)$$

$$(2.8)^2 - 5.2$$

$$(-6.9) - (7.3)^2$$

$$(-2.2) \times ((-6.8) + 1.8)$$

Order of Operations with Decimals (H) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} &0.4 + \underline{(-2.1) \times 6.9} \\ &= \underline{0.4 + (-14.49)} \\ &= -14.09 \end{aligned}$$

$$\begin{aligned} &6.7 - \underline{(8.6)^2} \\ &= \underline{6.7 - 73.96} \\ &= -67.26 \end{aligned}$$

$$\begin{aligned} &9.8 \times \underline{((-3.3) - (-2.7))} \\ &= \underline{9.8 \times (-0.6)} \\ &= -5.88 \end{aligned}$$

$$\begin{aligned} &(-2.9) \times \underline{((-2.5) - 1.6)} \\ &= \underline{(-2.9) \times (-4.1)} \\ &= 11.89 \end{aligned}$$

$$\begin{aligned} &\underline{(2.1 + 5.8)} \div 7.9 \\ &= \underline{7.9 \div 7.9} \\ &= 1 \end{aligned}$$

$$\begin{aligned} &2.7 - \underline{(-3.2)^2} \\ &= \underline{2.7 - 10.24} \\ &= -7.54 \end{aligned}$$

$$\begin{aligned} &\underline{(0.4)^2} - (-7.8) \\ &= \underline{0.16 - (-7.8)} \\ &= 7.96 \end{aligned}$$

$$\begin{aligned} &\underline{(2.8)^2} - 5.2 \\ &= \underline{7.84 - 5.2} \\ &= 2.64 \end{aligned}$$

$$\begin{aligned} &(-6.9) - \underline{(7.3)^2} \\ &= \underline{(-6.9) - 53.29} \\ &= -60.19 \end{aligned}$$

$$\begin{aligned} &(-2.2) \times \underline{((-6.8) + 1.8)} \\ &= \underline{(-2.2) \times (-5)} \\ &= 11 \end{aligned}$$