

Order of Operations with Decimals (G)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(1.4)^2 - 4.9$$

$$((-4.8) + 1.4) \times (-1.3)$$

$$(-5.4) + (-8.2) \times 1.1$$

$$(4.6 - 2.5) \div 1.4$$

$$2.3 + (0.5)^2$$

$$((-0.3) + 2.5) \times (-6.7)$$

$$(1.4)^2 + 0.6$$

$$2.2 + (-7.9) \times 6.5$$

$$(8.9 + 9.8) \times 1.5$$

$$(-8.8)^2 - (-4.7)$$

Order of Operations with Decimals (G) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{(1.4)^2} - 4.9 \\ & = \underline{1.96} - 4.9 \\ & = -2.94 \end{aligned}$$

$$\begin{aligned} & \underline{((-4.8) + 1.4)} \times (-1.3) \\ & = \underline{(-3.4)} \times (-1.3) \\ & = 4.42 \end{aligned}$$

$$\begin{aligned} & (-5.4) + \underline{(-8.2) \times 1.1} \\ & = \underline{(-5.4) + (-9.02)} \\ & = -14.42 \end{aligned}$$

$$\begin{aligned} & \underline{(4.6 - 2.5)} \div 1.4 \\ & = \underline{2.1} \div 1.4 \\ & = 1.5 \end{aligned}$$

$$\begin{aligned} & 2.3 + \underline{(0.5)^2} \\ & = \underline{2.3 + 0.25} \\ & = 2.55 \end{aligned}$$

$$\begin{aligned} & \underline{((-0.3) + 2.5)} \times (-6.7) \\ & = \underline{2.2} \times (-6.7) \\ & = -14.74 \end{aligned}$$

$$\begin{aligned} & \underline{(1.4)^2} + 0.6 \\ & = \underline{1.96 + 0.6} \\ & = 2.56 \end{aligned}$$

$$\begin{aligned} & 2.2 + \underline{(-7.9) \times 6.5} \\ & = \underline{2.2 + (-51.35)} \\ & = -49.15 \end{aligned}$$

$$\begin{aligned} & \underline{(8.9 + 9.8)} \times 1.5 \\ & = \underline{18.7} \times 1.5 \\ & = 28.05 \end{aligned}$$

$$\begin{aligned} & \underline{(-8.8)^2} - (-4.7) \\ & = \underline{77.44} - (-4.7) \\ & = 82.14 \end{aligned}$$