

Order of Operations with Decimals (I)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(1.8)^2 \div 2.4$$

$$8.1 - (5.9)^2$$

$$(5.5)^2 - (-0.2)$$

$$3.3 \times (-3.1) - (-6.5)$$

$$(-8.3) \times (9.6 + 1.7)$$

$$(8.9 - 9.3) \times 1.8$$

$$(0.5 - 0.9) \times 2.2$$

$$5.2 \times 9.9 + (-6.1)$$

$$(-9.9) \div (3.1 + 1.4)$$

$$(-6.5)^2 - 9.3$$

Order of Operations with Decimals (I) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{(1.8)^2} \div 2.4 \\ & = \underline{3.24} \div 2.4 \\ & = 1.35 \end{aligned}$$

$$\begin{aligned} & 8.1 - \underline{(5.9)^2} \\ & = \underline{8.1 - 34.81} \\ & = -26.71 \end{aligned}$$

$$\begin{aligned} & \underline{(5.5)^2} - (-0.2) \\ & = \underline{30.25 - (-0.2)} \\ & = 30.45 \end{aligned}$$

$$\begin{aligned} & \underline{3.3 \times (-3.1)} - (-6.5) \\ & = \underline{(-10.23) - (-6.5)} \\ & = -3.73 \end{aligned}$$

$$\begin{aligned} & (-8.3) \times \underline{(9.6 + 1.7)} \\ & = \underline{(-8.3) \times 11.3} \\ & = -93.79 \end{aligned}$$

$$\begin{aligned} & \underline{(8.9 - 9.3)} \times 1.8 \\ & = \underline{(-0.4) \times 1.8} \\ & = -0.72 \end{aligned}$$

$$\begin{aligned} & \underline{(0.5 - 0.9)} \times 2.2 \\ & = \underline{(-0.4) \times 2.2} \\ & = -0.88 \end{aligned}$$

$$\begin{aligned} & \underline{5.2 \times 9.9} + (-6.1) \\ & = \underline{51.48 + (-6.1)} \\ & = 45.38 \end{aligned}$$

$$\begin{aligned} & (-9.9) \div \underline{(3.1 + 1.4)} \\ & = \underline{(-9.9) \div 4.5} \\ & = -2.2 \end{aligned}$$

$$\begin{aligned} & \underline{(-6.5)^2} - 9.3 \\ & = \underline{42.25 - 9.3} \\ & = 32.95 \end{aligned}$$