

Order of Operations with Decimals (C)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(-9.7)^2 + (-7.4)$$

$$(-8.6)^2 - 0.5$$

$$(-5.6) + 0.3 \div 0.2$$

$$(3.4)^2 - (-5.4)$$

$$5.7 \div 9.5 + (-6.1)$$

$$(-2.5) \times (9.1 + 8.7)$$

$$7.9 - (-9.3) \times (-2.7)$$

$$(0.3 + 1.9) \times 7.4$$

$$(-5.4) + (-1.8) \times 2.3$$

$$(4.5 + 5.8) \times (-0.1)$$

Order of Operations with Decimals (C) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{(-9.7)^2} + (-7.4) \\ & = \underline{94.09 + (-7.4)} \\ & = 86.69 \end{aligned}$$

$$\begin{aligned} & \underline{(-8.6)^2} - 0.5 \\ & = \underline{73.96 - 0.5} \\ & = 73.46 \end{aligned}$$

$$\begin{aligned} & (-5.6) + \underline{0.3 \div 0.2} \\ & = \underline{(-5.6) + 1.5} \\ & = -4.1 \end{aligned}$$

$$\begin{aligned} & \underline{(3.4)^2} - (-5.4) \\ & = \underline{11.56 - (-5.4)} \\ & = 16.96 \end{aligned}$$

$$\begin{aligned} & \underline{5.7 \div 9.5} + (-6.1) \\ & = \underline{0.6 + (-6.1)} \\ & = -5.5 \end{aligned}$$

$$\begin{aligned} & (-2.5) \times \underline{(9.1 + 8.7)} \\ & = \underline{(-2.5) \times 17.8} \\ & = -44.5 \end{aligned}$$

$$\begin{aligned} & 7.9 - \underline{(-9.3) \times (-2.7)} \\ & = \underline{7.9 - 25.11} \\ & = -17.21 \end{aligned}$$

$$\begin{aligned} & \underline{(0.3 + 1.9)} \times 7.4 \\ & = \underline{2.2 \times 7.4} \\ & = 16.28 \end{aligned}$$

$$\begin{aligned} & (-5.4) + \underline{(-1.8) \times 2.3} \\ & = \underline{(-5.4) + (-4.14)} \\ & = -9.54 \end{aligned}$$

$$\begin{aligned} & \underline{(4.5 + 5.8)} \times (-0.1) \\ & = \underline{10.3 \times (-0.1)} \\ & = -1.03 \end{aligned}$$