

# Order of Operations with Decimals (A)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$9.6 - (3.1)^2$$

$$(-2.5) \times (-6.4) + (-3.9)$$

$$(-0.9) \times (1.5 + 5.8)$$

$$(-6.6) \div 2.4 - 5.4$$

$$(7.5)^2 + 1.6$$

$$(-0.9)^2 - (-6.3)$$

$$(8.9)^2 - (-4.9)$$

$$(-1.5) \times (-8.2) - 3.3$$

$$(-0.4) + (4.6)^2$$

$$3.8 + (2.7)^2$$

# Order of Operations with Decimals (A) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 9.6 - \underline{(3.1)^2} \\ & = \underline{9.6 - 9.61} \\ & = -0.01 \end{aligned}$$

$$\begin{aligned} & \underline{(-2.5) \times (-6.4)} + (-3.9) \\ & = \underline{16 + (-3.9)} \\ & = 12.1 \end{aligned}$$

$$\begin{aligned} & (-0.9) \times \underline{(1.5 + 5.8)} \\ & = \underline{(-0.9) \times 7.3} \\ & = -6.57 \end{aligned}$$

$$\begin{aligned} & \underline{(-6.6) \div 2.4} - 5.4 \\ & = \underline{(-2.75) - 5.4} \\ & = -8.15 \end{aligned}$$

$$\begin{aligned} & \underline{(7.5)^2} + 1.6 \\ & = \underline{56.25 + 1.6} \\ & = 57.85 \end{aligned}$$

$$\begin{aligned} & \underline{(-0.9)^2} - (-6.3) \\ & = \underline{0.81 - (-6.3)} \\ & = 7.11 \end{aligned}$$

$$\begin{aligned} & \underline{(8.9)^2} - (-4.9) \\ & = \underline{79.21 - (-4.9)} \\ & = 84.11 \end{aligned}$$

$$\begin{aligned} & \underline{(-1.5) \times (-8.2)} - 3.3 \\ & = \underline{12.3 - 3.3} \\ & = 9 \end{aligned}$$

$$\begin{aligned} & (-0.4) + \underline{(4.6)^2} \\ & = \underline{(-0.4) + 21.16} \\ & = 20.76 \end{aligned}$$

$$\begin{aligned} & 3.8 + \underline{(2.7)^2} \\ & = \underline{3.8 + 7.29} \\ & = 11.09 \end{aligned}$$