

## Order of Operations with Decimals (B)

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

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

Simplify each expression using the correct order of operations.

$$9.1 + (-8.6)^2$$

$$9.5 + (-5.3)^2$$

$$3.8 \times ((-2.7) + (-2.6))$$

$$(-0.2)^2 - (-2.5)$$

$$(5.6)^2 \div 2.8$$

$$((-7.3) + 6.1) \times 4.9$$

$$5.6 - (-9.5)^2$$

$$(-4.2) \times (1.6 - 5.5)$$

$$(-9.6) - (7.3)^2$$

$$(-2.6) \times (6.6 + (-2.8))$$

# Order of Operations with Decimals (B) Answers

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 9.1 + \underline{(-8.6)^2} \\ & = \underline{9.1 + 73.96} \\ & = 83.06 \end{aligned}$$

$$\begin{aligned} & 9.5 + \underline{(-5.3)^2} \\ & = \underline{9.5 + 28.09} \\ & = 37.59 \end{aligned}$$

$$\begin{aligned} & 3.8 \times \underline{((-2.7) + (-2.6))} \\ & = \underline{3.8 \times (-5.3)} \\ & = -20.14 \end{aligned}$$

$$\begin{aligned} & \underline{(-0.2)^2} - (-2.5) \\ & = \underline{0.04 - (-2.5)} \\ & = 2.54 \end{aligned}$$

$$\begin{aligned} & \underline{(5.6)^2} \div 2.8 \\ & = \underline{31.36 \div 2.8} \\ & = 11.2 \end{aligned}$$

$$\begin{aligned} & \underline{((-7.3) + 6.1)} \times 4.9 \\ & = \underline{(-1.2) \times 4.9} \\ & = -5.88 \end{aligned}$$

$$\begin{aligned} & 5.6 - \underline{(-9.5)^2} \\ & = \underline{5.6 - 90.25} \\ & = -84.65 \end{aligned}$$

$$\begin{aligned} & (-4.2) \times \underline{(1.6 - 5.5)} \\ & = \underline{(-4.2) \times (-3.9)} \\ & = 16.38 \end{aligned}$$

$$\begin{aligned} & (-9.6) - \underline{(7.3)^2} \\ & = \underline{(-9.6) - 53.29} \\ & = -62.89 \end{aligned}$$

$$\begin{aligned} & (-2.6) \times \underline{(6.6 + (-2.8))} \\ & = \underline{(-2.6) \times 3.8} \\ & = -9.88 \end{aligned}$$