

## Order of Operations with Decimals (E)

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

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

Simplify each expression using the correct order of operations.

$$7.9 - 1.9 \times 2.2$$

$$(8.6 + 1.4) \times 5.6$$

$$4.1 + 8.7 \times 3.8$$

$$2.9 \times 4.8 + 7.1$$

$$8.2 \times (1.1 + 5.3)$$

$$3.3 + (7.4)^2$$

$$(6.5 + 7.6) \times 4.7$$

$$9.1 + (7.2)^2$$

$$(8.7 - 2.5) \times 4.8$$

$$4.6 \times 1.1 + 1.8$$

# Order of Operations with Decimals (E) Answers

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} &7.9 - \underline{1.9 \times 2.2} \\ &= \underline{7.9 - 4.18} \\ &= 3.72 \end{aligned}$$

$$\begin{aligned} &(\underline{8.6 + 1.4}) \times 5.6 \\ &= \underline{10 \times 5.6} \\ &= 56 \end{aligned}$$

$$\begin{aligned} &4.1 + \underline{8.7 \times 3.8} \\ &= \underline{4.1 + 33.06} \\ &= 37.16 \end{aligned}$$

$$\begin{aligned} &\underline{2.9 \times 4.8} + 7.1 \\ &= \underline{13.92 + 7.1} \\ &= 21.02 \end{aligned}$$

$$\begin{aligned} &8.2 \times (\underline{1.1 + 5.3}) \\ &= \underline{8.2 \times 6.4} \\ &= 52.48 \end{aligned}$$

$$\begin{aligned} &3.3 + \underline{(7.4)^2} \\ &= \underline{3.3 + 54.76} \\ &= 58.06 \end{aligned}$$

$$\begin{aligned} &(\underline{6.5 + 7.6}) \times 4.7 \\ &= \underline{14.1 \times 4.7} \\ &= 66.27 \end{aligned}$$

$$\begin{aligned} &9.1 + \underline{(7.2)^2} \\ &= \underline{9.1 + 51.84} \\ &= 60.94 \end{aligned}$$

$$\begin{aligned} &(\underline{8.7 - 2.5}) \times 4.8 \\ &= \underline{6.2 \times 4.8} \\ &= 29.76 \end{aligned}$$

$$\begin{aligned} &\underline{4.6 \times 1.1} + 1.8 \\ &= \underline{5.06 + 1.8} \\ &= 6.86 \end{aligned}$$