

Order of Operations with Decimals (C)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$1.9 \times (1.4 + 7.9)$$

$$(5.6)^2 - 7.8$$

$$(2.6)^2 - 3.4$$

$$(8.3 - 1.2) \times 9.1$$

$$4.4 + (7.9)^2$$

$$(1.4 - 1.4) \div 2.7$$

$$(1.4 + 4.1) \times 2.6$$

$$(8.6 - 2.5) \times 8.2$$

$$9.1 \times (1.9 - 1.4)$$

$$1.1 \times (6.1 + 3.6)$$

Order of Operations with Decimals (C) Answers

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Simplify each expression using the correct order of operations.

$$\begin{aligned} &1.9 \times (1.4 + 7.9) \\ &= 1.9 \times 9.3 \\ &= 17.67 \end{aligned}$$

$$\begin{aligned} &\underline{(5.6)^2} - 7.8 \\ &= \underline{31.36 - 7.8} \\ &= 23.56 \end{aligned}$$

$$\begin{aligned} &\underline{(2.6)^2} - 3.4 \\ &= \underline{6.76 - 3.4} \\ &= 3.36 \end{aligned}$$

$$\begin{aligned} &\underline{(8.3 - 1.2)} \times 9.1 \\ &= \underline{7.1 \times 9.1} \\ &= 64.61 \end{aligned}$$

$$\begin{aligned} &4.4 + \underline{(7.9)^2} \\ &= \underline{4.4 + 62.41} \\ &= 66.81 \end{aligned}$$

$$\begin{aligned} &\underline{(1.4 - 1.4)} \div 2.7 \\ &= \underline{0 \div 2.7} \\ &= 0 \end{aligned}$$

$$\begin{aligned} &\underline{(1.4 + 4.1)} \times 2.6 \\ &= \underline{5.5 \times 2.6} \\ &= 14.3 \end{aligned}$$

$$\begin{aligned} &\underline{(8.6 - 2.5)} \times 8.2 \\ &= \underline{6.1 \times 8.2} \\ &= 50.02 \end{aligned}$$

$$\begin{aligned} &9.1 \times \underline{(1.9 - 1.4)} \\ &= \underline{9.1 \times 0.5} \\ &= 4.55 \end{aligned}$$

$$\begin{aligned} &1.1 \times \underline{(6.1 + 3.6)} \\ &= \underline{1.1 \times 9.7} \\ &= 10.67 \end{aligned}$$