

Order of Operations with Decimals (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$8,7 + (4,7)^2$$

$$(8,5)^2 + 6,2$$

$$2,6 \times (3,6 + 1,1)$$

$$2,5 \times (2,8)^2$$

$$(2,5)^2 - 4,5$$

$$4,5 \times 8,8 - 8,9$$

$$(8,5)^2 + 2,9$$

$$(4,5)^2 - 2,2$$

$$6,3 \times (2,2 + 6,8)$$

$$2,8 \times (6,3 + 8,5)$$

Order of Operations with Decimals (F) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} &8,7 + \underline{(4,7)^2} \\ &= \underline{8,7 + 22,09} \\ &= 30,79 \end{aligned}$$

$$\begin{aligned} &\underline{(8,5)^2} + 6,2 \\ &= \underline{72,25 + 6,2} \\ &= 78,45 \end{aligned}$$

$$\begin{aligned} &2,6 \times \underline{(3,6 + 1,1)} \\ &= \underline{2,6 \times 4,7} \\ &= 12,22 \end{aligned}$$

$$\begin{aligned} &2,5 \times \underline{(2,8)^2} \\ &= \underline{2,5 \times 7,84} \\ &= 19,6 \end{aligned}$$

$$\begin{aligned} &\underline{(2,5)^2} - 4,5 \\ &= \underline{6,25 - 4,5} \\ &= 1,75 \end{aligned}$$

$$\begin{aligned} &\underline{4,5 \times 8,8} - 8,9 \\ &= \underline{39,6 - 8,9} \\ &= 30,7 \end{aligned}$$

$$\begin{aligned} &\underline{(8,5)^2} + 2,9 \\ &= \underline{72,25 + 2,9} \\ &= 75,15 \end{aligned}$$

$$\begin{aligned} &\underline{(4,5)^2} - 2,2 \\ &= \underline{20,25 - 2,2} \\ &= 18,05 \end{aligned}$$

$$\begin{aligned} &6,3 \times \underline{(2,2 + 6,8)} \\ &= \underline{6,3 \times 9} \\ &= 56,7 \end{aligned}$$

$$\begin{aligned} &2,8 \times \underline{(6,3 + 8,5)} \\ &= \underline{2,8 \times 14,8} \\ &= 41,44 \end{aligned}$$