

Order of Operations with Decimals (F)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$9,3 \times 1,3 - (1,6)^2$$

$$2,5 \times 2,7 + (2,4)^2$$

$$9,6 \times 4,5 + (3,4)^2$$

$$(9,1 - (1,6)^2) \times 3,5$$

$$8,4 \times 8,5 - (2,2)^2$$

$$(5,9)^2 - 2,4 \times 4,7$$

$$8,5 \times (1,6)^2 + 2,4$$

$$(6,5)^2 + 4,6 \times 3,7$$

$$7,2 \times 3,8 - (3,7)^2$$

$$7,1 \times 1,9 + (3,7)^2$$

Order of Operations with Decimals (F) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 9,3 \times 1,3 - \underline{(1,6)^2} \\ & = \underline{9,3 \times 1,3} - 2,56 \\ & = \underline{12,09 - 2,56} \\ & = 9,53 \end{aligned}$$

$$\begin{aligned} & 2,5 \times 2,7 + \underline{(2,4)^2} \\ & = \underline{2,5 \times 2,7} + 5,76 \\ & = \underline{6,75 + 5,76} \\ & = 12,51 \end{aligned}$$

$$\begin{aligned} & 9,6 \times 4,5 + \underline{(3,4)^2} \\ & = \underline{9,6 \times 4,5} + 11,56 \\ & = \underline{43,2 + 11,56} \\ & = 54,76 \end{aligned}$$

$$\begin{aligned} & (9,1 - \underline{(1,6)^2}) \times 3,5 \\ & = \underline{(9,1 - 2,56)} \times 3,5 \\ & = \underline{6,54 \times 3,5} \\ & = 22,89 \end{aligned}$$

$$\begin{aligned} & 8,4 \times 8,5 - \underline{(2,2)^2} \\ & = \underline{8,4 \times 8,5} - 4,84 \\ & = \underline{71,4 - 4,84} \\ & = 66,56 \end{aligned}$$

$$\begin{aligned} & \underline{(5,9)^2} - 2,4 \times 4,7 \\ & = 34,81 - \underline{2,4 \times 4,7} \\ & = \underline{34,81 - 11,28} \\ & = 23,53 \end{aligned}$$

$$\begin{aligned} & 8,5 \times \underline{(1,6)^2} + 2,4 \\ & = \underline{8,5 \times 2,56} + 2,4 \\ & = \underline{21,76 + 2,4} \\ & = 24,16 \end{aligned}$$

$$\begin{aligned} & \underline{(6,5)^2} + 4,6 \times 3,7 \\ & = 42,25 + \underline{4,6 \times 3,7} \\ & = \underline{42,25 + 17,02} \\ & = 59,27 \end{aligned}$$

$$\begin{aligned} & 7,2 \times 3,8 - \underline{(3,7)^2} \\ & = \underline{7,2 \times 3,8} - 13,69 \\ & = \underline{27,36 - 13,69} \\ & = 13,67 \end{aligned}$$

$$\begin{aligned} & 7,1 \times 1,9 + \underline{(3,7)^2} \\ & = \underline{7,1 \times 1,9} + 13,69 \\ & = \underline{13,49 + 13,69} \\ & = 27,18 \end{aligned}$$