

Order of Operations with Decimals (J)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(9,9)^2 - 1,8$$

$$8,5 + (1,8)^2$$

$$(6,8)^2 + 3,2$$

$$9,4 \times 1,6 + 3,5$$

$$5,1 \times (8,7 + 2,1)$$

$$(8,8)^2 + 3,6$$

$$8,4 + (1,4)^2$$

$$(3,2)^2 - 3,1$$

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

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

Order of Operations with Decimals (J) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{(9,9)^2} - 1,8 \\ & = \underline{98,01 - 1,8} \\ & = 96,21 \end{aligned}$$

$$\begin{aligned} & 8,5 + \underline{(1,8)^2} \\ & = \underline{8,5 + 3,24} \\ & = 11,74 \end{aligned}$$

$$\begin{aligned} & \underline{(6,8)^2} + 3,2 \\ & = \underline{46,24 + 3,2} \\ & = 49,44 \end{aligned}$$

$$\begin{aligned} & \underline{9,4 \times 1,6} + 3,5 \\ & = \underline{15,04 + 3,5} \\ & = 18,54 \end{aligned}$$

$$\begin{aligned} & 5,1 \times \underline{(8,7 + 2,1)} \\ & = \underline{5,1 \times 10,8} \\ & = 55,08 \end{aligned}$$

$$\begin{aligned} & \underline{(8,8)^2} + 3,6 \\ & = \underline{77,44 + 3,6} \\ & = 81,04 \end{aligned}$$

$$\begin{aligned} & 8,4 + \underline{(1,4)^2} \\ & = \underline{8,4 + 1,96} \\ & = 10,36 \end{aligned}$$

$$\begin{aligned} & \underline{(3,2)^2} - 3,1 \\ & = \underline{10,24 - 3,1} \\ & = 7,14 \end{aligned}$$

$$\begin{aligned} & \underline{(4,2)^2} - 2,2 \\ & = \underline{17,64 - 2,2} \\ & = 15,44 \end{aligned}$$

$$\begin{aligned} & \underline{(1,8)^2} \times 4,5 \\ & = \underline{3,24 \times 4,5} \\ & = 14,58 \end{aligned}$$