

Order of Operations with Decimals (J)

Name: _____

Date: _____

Solve 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: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & \underline{(9.9)^2} - 1.8 \\ & = \underline{98.01 - 1.8} \\ & = 96.21 \end{aligned}$$

$$\begin{aligned} & 8.5 + \underline{(1.8)^2} \\ & = \underline{8.5 + 3.24} \\ & = 11.74 \end{aligned}$$

$$\begin{aligned} & \underline{(6.8)^2} + 3.2 \\ & = \underline{46.24 + 3.2} \\ & = 49.44 \end{aligned}$$

$$\begin{aligned} & \underline{9.4 \times 1.6} + 3.5 \\ & = \underline{15.04 + 3.5} \\ & = 18.54 \end{aligned}$$

$$\begin{aligned} & 5.1 \times \underline{(8.7 + 2.1)} \\ & = \underline{5.1 \times 10.8} \\ & = 55.08 \end{aligned}$$

$$\begin{aligned} & \underline{(8.8)^2} + 3.6 \\ & = \underline{77.44 + 3.6} \\ & = 81.04 \end{aligned}$$

$$\begin{aligned} & 8.4 + \underline{(1.4)^2} \\ & = \underline{8.4 + 1.96} \\ & = 10.36 \end{aligned}$$

$$\begin{aligned} & \underline{(3.2)^2} - 3.1 \\ & = \underline{10.24 - 3.1} \\ & = 7.14 \end{aligned}$$

$$\begin{aligned} & \underline{(4.2)^2} - 2.2 \\ & = \underline{17.64 - 2.2} \\ & = 15.44 \end{aligned}$$

$$\begin{aligned} & \underline{(1.8)^2} \times 4.5 \\ & = \underline{3.24 \times 4.5} \\ & = 14.58 \end{aligned}$$