

Order of Operations with Decimals (J)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$9,6 - 7,4 \times (-4,3)$$

$$(-4,1) - (2,6)^2$$

$$8,8 \times (1,25 - (-1,3))$$

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

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

$$((-7,2) + (-3,2)) \div 2,6$$

$$9,9 + 6,3 \times 7,5$$

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

$$(-7,1) \times (-7,8) + (-6,2)$$

$$5,5 \times (8,7 - (-6,7))$$

Order of Operations with Decimals (J) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 9,6 - \underline{7,4 \times (-4,3)} \\ & = \underline{9,6 - (-31,82)} \\ & = 41,42 \end{aligned}$$

$$\begin{aligned} & (-4,1) - \underline{(2,6)^2} \\ & = \underline{(-4,1) - 6,76} \\ & = -10,86 \end{aligned}$$

$$\begin{aligned} & 8,8 \times \underline{(1,25 - (-1,3))} \\ & = \underline{8,8 \times 2,55} \\ & = 22,44 \end{aligned}$$

$$\begin{aligned} & \underline{(-2,2)^2} + 4,8 \\ & = \underline{4,84 + 4,8} \\ & = 9,64 \end{aligned}$$

$$\begin{aligned} & \underline{(2,8)^2} \times 8,5 \\ & = \underline{7,84 \times 8,5} \\ & = 66,64 \end{aligned}$$

$$\begin{aligned} & \underline{((-7,2) + (-3,2))} \div 2,6 \\ & = \underline{(-10,4) \div 2,6} \\ & = -4 \end{aligned}$$

$$\begin{aligned} & 9,9 + \underline{6,3 \times 7,5} \\ & = \underline{9,9 + 47,25} \\ & = 57,15 \end{aligned}$$

$$\begin{aligned} & \underline{(8,3)^2} - 3,7 \\ & = \underline{68,89 - 3,7} \\ & = 65,19 \end{aligned}$$

$$\begin{aligned} & \underline{(-7,1) \times (-7,8)} + (-6,2) \\ & = \underline{55,38 + (-6,2)} \\ & = 49,18 \end{aligned}$$

$$\begin{aligned} & 5,5 \times \underline{(8,7 - (-6,7))} \\ & = \underline{5,5 \times 15,4} \\ & = 84,7 \end{aligned}$$