

Order of Operations with Decimals (I)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$1,5 \times 9,8 + (6,1)^2$$

$$9,3 \times 2,8 + (5,6)^2$$

$$9,4 \div 1,25 + (5,2)^2$$

$$8,4 \times 2,1 + (7,6)^2$$

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

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

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

$$9,1 \times 8,1 - (1,7)^2$$

$$7,7 \times 1,4 - (1,3)^2$$

$$2,6 + (6,5)^2 \div 1,25$$

Order of Operations with Decimals (I) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 1,5 \times 9,8 + \underline{(6,1)^2} \\ & = \underline{1,5 \times 9,8} + 37,21 \\ & = \underline{14,7 + 37,21} \\ & = 51,91 \end{aligned}$$

$$\begin{aligned} & 9,3 \times 2,8 + \underline{(5,6)^2} \\ & = \underline{9,3 \times 2,8} + 31,36 \\ & = \underline{26,04 + 31,36} \\ & = 57,4 \end{aligned}$$

$$\begin{aligned} & 9,4 \div 1,25 + \underline{(5,2)^2} \\ & = \underline{9,4 \div 1,25} + 27,04 \\ & = \underline{7,52 + 27,04} \\ & = 34,56 \end{aligned}$$

$$\begin{aligned} & 8,4 \times 2,1 + \underline{(7,6)^2} \\ & = \underline{8,4 \times 2,1} + 57,76 \\ & = \underline{17,64 + 57,76} \\ & = 75,4 \end{aligned}$$

$$\begin{aligned} & \underline{(1,5)^2} + 2,2 \times 1,6 \\ & = 2,25 + \underline{2,2 \times 1,6} \\ & = \underline{2,25 + 3,52} \\ & = 5,77 \end{aligned}$$

$$\begin{aligned} & \underline{(1,1)^2} + 4,8 \times 2,8 \\ & = 1,21 + \underline{4,8 \times 2,8} \\ & = \underline{1,21 + 13,44} \\ & = 14,65 \end{aligned}$$

$$\begin{aligned} & 7,3 \times 2,3 - \underline{(2,8)^2} \\ & = \underline{7,3 \times 2,3} - 7,84 \\ & = \underline{16,79 - 7,84} \\ & = 8,95 \end{aligned}$$

$$\begin{aligned} & 9,1 \times 8,1 - \underline{(1,7)^2} \\ & = \underline{9,1 \times 8,1} - 2,89 \\ & = \underline{73,71 - 2,89} \\ & = 70,82 \end{aligned}$$

$$\begin{aligned} & 7,7 \times 1,4 - \underline{(1,3)^2} \\ & = \underline{7,7 \times 1,4} - 1,69 \\ & = \underline{10,78 - 1,69} \\ & = 9,09 \end{aligned}$$

$$\begin{aligned} & 2,6 + \underline{(6,5)^2} \div 1,25 \\ & = 2,6 + \underline{42,25 \div 1,25} \\ & = \underline{2,6 + 33,8} \\ & = 36,4 \end{aligned}$$