

# Order of Operations with Decimals (G)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$6,1 \times 9,4 - (2,3)^2$$

$$(1,9)^2 + 5,4 \times 6,5$$

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

$$8,6 \times 3,75 + (5,5)^2$$

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

$$(3,6)^2 + 2,8 \times 4,4$$

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

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

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

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

# Order of Operations with Decimals (G) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$\begin{aligned} & 6,1 \times 9,4 - (2,3)^2 \\ & = \underline{6,1 \times 9,4} - 5,29 \\ & = \underline{57,34 - 5,29} \\ & = 52,05 \end{aligned}$$

$$\begin{aligned} & (1,9)^2 + 5,4 \times 6,5 \\ & = 3,61 + \underline{5,4 \times 6,5} \\ & = \underline{3,61 + 35,1} \\ & = 38,71 \end{aligned}$$

$$\begin{aligned} & (5,6)^2 \div 1,6 - 5,9 \\ & = \underline{31,36 \div 1,6} - 5,9 \\ & = \underline{19,6 - 5,9} \\ & = 13,7 \end{aligned}$$

$$\begin{aligned} & 8,6 \times 3,75 + (5,5)^2 \\ & = \underline{8,6 \times 3,75} + 30,25 \\ & = \underline{32,25 + 30,25} \\ & = 62,5 \end{aligned}$$

$$\begin{aligned} & (5,7)^2 - 4,2 \times 5,5 \\ & = 32,49 - \underline{4,2 \times 5,5} \\ & = \underline{32,49 - 23,1} \\ & = 9,39 \end{aligned}$$

$$\begin{aligned} & (3,6)^2 + 2,8 \times 4,4 \\ & = 12,96 + \underline{2,8 \times 4,4} \\ & = \underline{12,96 + 12,32} \\ & = 25,28 \end{aligned}$$

$$\begin{aligned} & (1,5)^2 \times (2,3 + 2,9) \\ & = \underline{(1,5)^2} \times 5,2 \\ & = \underline{2,25 \times 5,2} \\ & = 11,7 \end{aligned}$$

$$\begin{aligned} & (5,9 + (5,8)^2) \times 1,5 \\ & = \underline{(5,9 + 33,64)} \times 1,5 \\ & = \underline{39,54 \times 1,5} \\ & = 59,31 \end{aligned}$$

$$\begin{aligned} & (3,8)^2 - 3,9 \times 2,6 \\ & = 14,44 - \underline{3,9 \times 2,6} \\ & = \underline{14,44 - 10,14} \\ & = 4,3 \end{aligned}$$

$$\begin{aligned} & 3,5 \times 6,8 + (6,6)^2 \\ & = \underline{3,5 \times 6,8} + 43,56 \\ & = \underline{23,8 + 43,56} \\ & = 67,36 \end{aligned}$$