

Order of Operations with Decimals (G)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$6.1 \times 9.4 - (2.3)^2$$

$$(1.9)^2 + 5.4 \times 6.5$$

$$(5.6)^2 \div 1.6 - 5.9$$

$$8.6 \times 3.75 + (5.5)^2$$

$$(5.7)^2 - 4.2 \times 5.5$$

$$(3.6)^2 + 2.8 \times 4.4$$

$$(1.5)^2 \times (2.3 + 2.9)$$

$$\left(5.9 + (5.8)^2\right) \times 1.5$$

$$(3.8)^2 - 3.9 \times 2.6$$

$$3.5 \times 6.8 + (6.6)^2$$

Order of Operations with Decimals (G) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & 6.1 \times 9.4 - (2.3)^2 \\ & = \underline{6.1 \times 9.4} - 5.29 \\ & = \underline{57.34 - 5.29} \\ & = 52.05 \end{aligned}$$

$$\begin{aligned} & (1.9)^2 + 5.4 \times 6.5 \\ & = 3.61 + \underline{5.4 \times 6.5} \\ & = \underline{3.61 + 35.1} \\ & = 38.71 \end{aligned}$$

$$\begin{aligned} & (5.6)^2 \div 1.6 - 5.9 \\ & = \underline{31.36 \div 1.6} - 5.9 \\ & = \underline{19.6 - 5.9} \\ & = 13.7 \end{aligned}$$

$$\begin{aligned} & 8.6 \times 3.75 + (5.5)^2 \\ & = \underline{8.6 \times 3.75} + 30.25 \\ & = \underline{32.25 + 30.25} \\ & = 62.5 \end{aligned}$$

$$\begin{aligned} & (5.7)^2 - 4.2 \times 5.5 \\ & = 32.49 - \underline{4.2 \times 5.5} \\ & = \underline{32.49 - 23.1} \\ & = 9.39 \end{aligned}$$

$$\begin{aligned} & (3.6)^2 + 2.8 \times 4.4 \\ & = 12.96 + \underline{2.8 \times 4.4} \\ & = \underline{12.96 + 12.32} \\ & = 25.28 \end{aligned}$$

$$\begin{aligned} & (1.5)^2 \times (2.3 + 2.9) \\ & = \underline{(1.5)^2} \times 5.2 \\ & = \underline{2.25 \times 5.2} \\ & = 11.7 \end{aligned}$$

$$\begin{aligned} & (5.9 + (5.8)^2) \times 1.5 \\ & = \underline{(5.9 + 33.64)} \times 1.5 \\ & = \underline{39.54 \times 1.5} \\ & = 59.31 \end{aligned}$$

$$\begin{aligned} & (3.8)^2 - 3.9 \times 2.6 \\ & = 14.44 - \underline{3.9 \times 2.6} \\ & = \underline{14.44 - 10.14} \\ & = 4.3 \end{aligned}$$

$$\begin{aligned} & 3.5 \times 6.8 + (6.6)^2 \\ & = \underline{3.5 \times 6.8} + 43.56 \\ & = \underline{23.8 + 43.56} \\ & = 67.36 \end{aligned}$$