

Order of Operations with Decimals (G)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$1.25 \times (2.4)^2$$

$$2.3 \times 2.7 - 5.1$$

$$8.5 + (1.7)^2$$

$$2.3 \times 4.6 + 6.4$$

$$1.7 + (8.5)^2$$

$$(2.8)^2 \times 9.5$$

$$(1.7)^2 + 7.5$$

$$(4.5)^2 - 6.6$$

$$5.4 \times 8.6 + 4.3$$

$$7.1 \times 3.9 + 8.5$$

Order of Operations with Decimals (G) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} &1.25 \times (2.4)^2 \\ &= 1.25 \times 5.76 \\ &= 7.2 \end{aligned}$$

$$\begin{aligned} &2.3 \times 2.7 - 5.1 \\ &= 6.21 - 5.1 \\ &= 1.11 \end{aligned}$$

$$\begin{aligned} &8.5 + (1.7)^2 \\ &= 8.5 + 2.89 \\ &= 11.39 \end{aligned}$$

$$\begin{aligned} &2.3 \times 4.6 + 6.4 \\ &= 10.58 + 6.4 \\ &= 16.98 \end{aligned}$$

$$\begin{aligned} &1.7 + (8.5)^2 \\ &= 1.7 + 72.25 \\ &= 73.95 \end{aligned}$$

$$\begin{aligned} &(2.8)^2 \times 9.5 \\ &= 7.84 \times 9.5 \\ &= 74.48 \end{aligned}$$

$$\begin{aligned} &(1.7)^2 + 7.5 \\ &= 2.89 + 7.5 \\ &= 10.39 \end{aligned}$$

$$\begin{aligned} &(4.5)^2 - 6.6 \\ &= 20.25 - 6.6 \\ &= 13.65 \end{aligned}$$

$$\begin{aligned} &5.4 \times 8.6 + 4.3 \\ &= 46.44 + 4.3 \\ &= 50.74 \end{aligned}$$

$$\begin{aligned} &7.1 \times 3.9 + 8.5 \\ &= 27.69 + 8.5 \\ &= 36.19 \end{aligned}$$