

Order of Operations with Decimals (A)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$1.6 \times (1.7 + 2.5)$$

$$5.9 - (1.4)^2$$

$$7.5 + (7.2)^2$$

$$9.4 \times (5.4 - 1.8)$$

$$6.2 + (6.4)^2$$

$$5.5 \div (2.5)^2$$

$$6.6 \times 4.3 + 7.6$$

$$(4.8)^2 - 2.5$$

$$(3.75 + 7.8) \times 4.8$$

$$1.4 + (7.8)^2$$

Order of Operations with Decimals (A) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} &1.6 \times (1.7 + 2.5) \\ &= 1.6 \times 4.2 \\ &= 6.72 \end{aligned}$$

$$\begin{aligned} &5.9 - (1.4)^2 \\ &= 5.9 - 1.96 \\ &= 3.94 \end{aligned}$$

$$\begin{aligned} &7.5 + (7.2)^2 \\ &= 7.5 + 51.84 \\ &= 59.34 \end{aligned}$$

$$\begin{aligned} &9.4 \times (5.4 - 1.8) \\ &= 9.4 \times 3.6 \\ &= 33.84 \end{aligned}$$

$$\begin{aligned} &6.2 + (6.4)^2 \\ &= 6.2 + 40.96 \\ &= 47.16 \end{aligned}$$

$$\begin{aligned} &5.5 \div (2.5)^2 \\ &= 5.5 \div 6.25 \\ &= 0.88 \end{aligned}$$

$$\begin{aligned} &6.6 \times 4.3 + 7.6 \\ &= 28.38 + 7.6 \\ &= 35.98 \end{aligned}$$

$$\begin{aligned} &(4.8)^2 - 2.5 \\ &= 23.04 - 2.5 \\ &= 20.54 \end{aligned}$$

$$\begin{aligned} &(3.75 + 7.8) \times 4.8 \\ &= 11.55 \times 4.8 \\ &= 55.44 \end{aligned}$$

$$\begin{aligned} &1.4 + (7.8)^2 \\ &= 1.4 + 60.84 \\ &= 62.24 \end{aligned}$$