

Order of Operations with Decimals (B)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(8.6 - 6.9) \times 3.3$$

$$6.7 + (8.3)^2$$

$$3.2 \times 9.7 - 5.6$$

$$7.6 \times (2.8 + 2.2)$$

$$(1.6)^2 \times 8.5$$

$$(8.7)^2 - 8.2$$

$$(1.6)^2 \times 1.5$$

$$(6.7)^2 - 8.5$$

$$3.2 \times 6.4 + 6.7$$

$$6.7 + 6.6 \times 8.7$$

Order of Operations with Decimals (B) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} &(\underline{8.6 - 6.9}) \times 3.3 \\ &= \underline{1.7 \times 3.3} \\ &= 5.61 \end{aligned}$$

$$\begin{aligned} &6.7 + \underline{(8.3)^2} \\ &= \underline{6.7 + 68.89} \\ &= 75.59 \end{aligned}$$

$$\begin{aligned} &\underline{3.2 \times 9.7} - 5.6 \\ &= \underline{31.04 - 5.6} \\ &= 25.44 \end{aligned}$$

$$\begin{aligned} &7.6 \times \underline{(2.8 + 2.2)} \\ &= \underline{7.6 \times 5} \\ &= 38 \end{aligned}$$

$$\begin{aligned} &\underline{(1.6)^2} \times 8.5 \\ &= \underline{2.56 \times 8.5} \\ &= 21.76 \end{aligned}$$

$$\begin{aligned} &\underline{(8.7)^2} - 8.2 \\ &= \underline{75.69 - 8.2} \\ &= 67.49 \end{aligned}$$

$$\begin{aligned} &\underline{(1.6)^2} \times 1.5 \\ &= \underline{2.56 \times 1.5} \\ &= 3.84 \end{aligned}$$

$$\begin{aligned} &\underline{(6.7)^2} - 8.5 \\ &= \underline{44.89 - 8.5} \\ &= 36.39 \end{aligned}$$

$$\begin{aligned} &\underline{3.2 \times 6.4} + 6.7 \\ &= \underline{20.48 + 6.7} \\ &= 27.18 \end{aligned}$$

$$\begin{aligned} &6.7 + \underline{6.6 \times 8.7} \\ &= \underline{6.7 + 57.42} \\ &= 64.12 \end{aligned}$$