

Order of Operations with Decimals (C)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(8.6 - (2.5)^2) \times 7.4$$

$$(1.6)^2 + 1.7 \times 9.5$$

$$(2.3)^2 + 5.3 \times 8.6$$

$$4.5 \times 3.7 + (7.1)^2$$

$$(8.3)^2 + 5.4 \times 4.7$$

$$(2.2 + (2.5)^2) \times 3.4$$

$$3.9 \times 6.6 + (2.6)^2$$

$$6.3 \times 4.4 + (2.1)^2$$

$$(4.8)^2 + 1.4 \times 6.6$$

$$(5.4)^2 - 2.9 \times 5.8$$

Order of Operations with Decimals (C) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & (8.6 - (2.5)^2) \times 7.4 \\ &= (8.6 - 6.25) \times 7.4 \\ &= 2.35 \times 7.4 \\ &= 17.39 \end{aligned}$$

$$\begin{aligned} & (1.6)^2 + 1.7 \times 9.5 \\ &= 2.56 + 1.7 \times 9.5 \\ &= 2.56 + 16.15 \\ &= 18.71 \end{aligned}$$

$$\begin{aligned} & (2.3)^2 + 5.3 \times 8.6 \\ &= 5.29 + 5.3 \times 8.6 \\ &= 5.29 + 45.58 \\ &= 50.87 \end{aligned}$$

$$\begin{aligned} & 4.5 \times 3.7 + (7.1)^2 \\ &= 4.5 \times 3.7 + 50.41 \\ &= 16.65 + 50.41 \\ &= 67.06 \end{aligned}$$

$$\begin{aligned} & (8.3)^2 + 5.4 \times 4.7 \\ &= 68.89 + 5.4 \times 4.7 \\ &= 68.89 + 25.38 \\ &= 94.27 \end{aligned}$$

$$\begin{aligned} & (2.2 + (2.5)^2) \times 3.4 \\ &= (2.2 + 6.25) \times 3.4 \\ &= 8.45 \times 3.4 \\ &= 28.73 \end{aligned}$$

$$\begin{aligned} & 3.9 \times 6.6 + (2.6)^2 \\ &= 3.9 \times 6.6 + 6.76 \\ &= 25.74 + 6.76 \\ &= 32.5 \end{aligned}$$

$$\begin{aligned} & 6.3 \times 4.4 + (2.1)^2 \\ &= 6.3 \times 4.4 + 4.41 \\ &= 27.72 + 4.41 \\ &= 32.13 \end{aligned}$$

$$\begin{aligned} & (4.8)^2 + 1.4 \times 6.6 \\ &= 23.04 + 1.4 \times 6.6 \\ &= 23.04 + 9.24 \\ &= 32.28 \end{aligned}$$

$$\begin{aligned} & (5.4)^2 - 2.9 \times 5.8 \\ &= 29.16 - 2.9 \times 5.8 \\ &= 29.16 - 16.82 \\ &= 12.34 \end{aligned}$$