

# Order of Operations with Decimals (I)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$(4.1)^2 + 5.9$$

$$6.8 \times 6.2 + 7.3$$

$$8.5 + 4.6 \times 1.8$$

$$(8.3 + 5.4) \times 6.9$$

$$(3.6)^2 \times 3.75$$

$$8.4 \div (4.8 - 1.8)$$

$$4.2 \times (2.1 + 7.9)$$

$$4.4 \times (5.6 + 1.6)$$

$$7.2 - (1.4)^2$$

$$(4.8 + 9.4) \times 3.9$$

# Order of Operations with Decimals (I) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{(4.1)^2} + 5.9 \\ &= \underline{16.81 + 5.9} \\ &= 22.71 \end{aligned}$$

$$\begin{aligned} & \underline{6.8 \times 6.2} + 7.3 \\ &= \underline{42.16 + 7.3} \\ &= 49.46 \end{aligned}$$

$$\begin{aligned} & 8.5 + \underline{4.6 \times 1.8} \\ &= \underline{8.5 + 8.28} \\ &= 16.78 \end{aligned}$$

$$\begin{aligned} & \underline{(8.3 + 5.4)} \times 6.9 \\ &= \underline{13.7 \times 6.9} \\ &= 94.53 \end{aligned}$$

$$\begin{aligned} & \underline{(3.6)^2} \times 3.75 \\ &= \underline{12.96 \times 3.75} \\ &= 48.6 \end{aligned}$$

$$\begin{aligned} & 8.4 \div \underline{(4.8 - 1.8)} \\ &= \underline{8.4 \div 3} \\ &= 2.8 \end{aligned}$$

$$\begin{aligned} & 4.2 \times \underline{(2.1 + 7.9)} \\ &= \underline{4.2 \times 10} \\ &= 42 \end{aligned}$$

$$\begin{aligned} & 4.4 \times \underline{(5.6 + 1.6)} \\ &= \underline{4.4 \times 7.2} \\ &= 31.68 \end{aligned}$$

$$\begin{aligned} & 7.2 - \underline{(1.4)^2} \\ &= \underline{7.2 - 1.96} \\ &= 5.24 \end{aligned}$$

$$\begin{aligned} & \underline{(4.8 + 9.4)} \times 3.9 \\ &= \underline{14.2 \times 3.9} \\ &= 55.38 \end{aligned}$$