

## Order of Operations with Decimals (D)

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

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

Simplify each expression using the correct order of operations.

$$9.8 + (9.3)^2$$

$$(5.4)^2 \div 7.2$$

$$5.6 \times 2.2 - 5.3$$

$$5.5 + 9.6 \times 2.5$$

$$7.7 + (6.9)^2$$

$$6.9 + (2.5)^2$$

$$2.7 + (1.5)^2$$

$$6.5 + (1.4)^2$$

$$2.8 \times (9.3 + 2.6)$$

$$(4.2)^2 - 7.8$$

# Order of Operations with Decimals (D) Answers

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} &9.8 + \underline{(9.3)^2} \\ &= \underline{9.8 + 86.49} \\ &= 96.29 \end{aligned}$$

$$\begin{aligned} &\underline{(5.4)^2} \div 7.2 \\ &= \underline{29.16 \div 7.2} \\ &= 4.05 \end{aligned}$$

$$\begin{aligned} &\underline{5.6 \times 2.2} - 5.3 \\ &= \underline{12.32 - 5.3} \\ &= 7.02 \end{aligned}$$

$$\begin{aligned} &5.5 + \underline{9.6 \times 2.5} \\ &= \underline{5.5 + 24} \\ &= 29.5 \end{aligned}$$

$$\begin{aligned} &7.7 + \underline{(6.9)^2} \\ &= \underline{7.7 + 47.61} \\ &= 55.31 \end{aligned}$$

$$\begin{aligned} &6.9 + \underline{(2.5)^2} \\ &= \underline{6.9 + 6.25} \\ &= 13.15 \end{aligned}$$

$$\begin{aligned} &2.7 + \underline{(1.5)^2} \\ &= \underline{2.7 + 2.25} \\ &= 4.95 \end{aligned}$$

$$\begin{aligned} &6.5 + \underline{(1.4)^2} \\ &= \underline{6.5 + 1.96} \\ &= 8.46 \end{aligned}$$

$$\begin{aligned} &2.8 \times \underline{(9.3 + 2.6)} \\ &= \underline{2.8 \times 11.9} \\ &= 33.32 \end{aligned}$$

$$\begin{aligned} &\underline{(4.2)^2} - 7.8 \\ &= \underline{17.64 - 7.8} \\ &= 9.84 \end{aligned}$$