

# Order of Operations with Decimals (A)

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

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

Simplify each expression using the correct order of operations.

$$(-7,5)^2 + (-5,3) \times (-1,9)$$

$$2,8 \times (-5,6) - (-7,5)^2$$

$$(-4,7)^2 + 8,5 \times (-9,6)$$

$$(8,2 + (-1,9))^2 \div (-2,7)$$

$$(-5,4) - (-4,6)^2 \times (-2,5)$$

$$(3,9)^2 - 5,7 \times 7,8$$

$$6,7 \times (-4,1) - (0,5)^2$$

$$(-1,6)^2 - (-6,7) \times (-8,8)$$

$$(-3,7) \times (-2,9) - (-9,4)^2$$

$$(-7,6) \times (-4,5) + (-1,7)^2$$

# Order of Operations with Decimals (A) Answers

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

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

Simplify each expression using the correct order of operations.

$$\begin{aligned} & \underline{(-7,5)^2} + (-5,3) \times (-1,9) \\ & = 56,25 + \underline{(-5,3) \times (-1,9)} \\ & = \underline{56,25 + 10,07} \\ & = 66,32 \end{aligned}$$

$$\begin{aligned} & 2,8 \times (-5,6) - \underline{(-7,5)^2} \\ & = \underline{2,8 \times (-5,6)} - 56,25 \\ & = \underline{(-15,68) - 56,25} \\ & = -71,93 \end{aligned}$$

$$\begin{aligned} & \underline{(-4,7)^2} + 8,5 \times (-9,6) \\ & = 22,09 + \underline{8,5 \times (-9,6)} \\ & = \underline{22,09 + (-81,6)} \\ & = -59,51 \end{aligned}$$

$$\begin{aligned} & \underline{(8,2 + (-1,9))^2} \div (-2,7) \\ & = \underline{(6,3)^2} \div (-2,7) \\ & = \underline{39,69 \div (-2,7)} \\ & = -14,7 \end{aligned}$$

$$\begin{aligned} & (-5,4) - \underline{(-4,6)^2} \times (-2,5) \\ & = (-5,4) - \underline{21,16 \times (-2,5)} \\ & = \underline{(-5,4) - (-52,9)} \\ & = 47,5 \end{aligned}$$

$$\begin{aligned} & \underline{(3,9)^2} - 5,7 \times 7,8 \\ & = 15,21 - \underline{5,7 \times 7,8} \\ & = \underline{15,21 - 44,46} \\ & = -29,25 \end{aligned}$$

$$\begin{aligned} & 6,7 \times (-4,1) - \underline{(0,5)^2} \\ & = \underline{6,7 \times (-4,1)} - 0,25 \\ & = \underline{(-27,47) - 0,25} \\ & = -27,72 \end{aligned}$$

$$\begin{aligned} & \underline{(-1,6)^2} - (-6,7) \times (-8,8) \\ & = 2,56 - \underline{(-6,7) \times (-8,8)} \\ & = \underline{2,56 - 58,96} \\ & = -56,4 \end{aligned}$$

$$\begin{aligned} & (-3,7) \times (-2,9) - \underline{(-9,4)^2} \\ & = \underline{(-3,7) \times (-2,9)} - 88,36 \\ & = \underline{10,73 - 88,36} \\ & = -77,63 \end{aligned}$$

$$\begin{aligned} & (-7,6) \times (-4,5) + \underline{(-1,7)^2} \\ & = \underline{(-7,6) \times (-4,5)} + 2,89 \\ & = \underline{34,2 + 2,89} \\ & = 37,09 \end{aligned}$$