

Order of Operations with Decimals (B)

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$(-6,5) + (1,1)^2 \div (-2,2)$$

$$(-1,7)^2 + 4,7 \times 9,7$$

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

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

$$(-7,4) - (8,1)^2 \div 1,5$$

$$(-2,3) \times 0,6 - (9,3)^2$$

$$(4,3)^2 - (-3,3) \times (-8,2)$$

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

$$(-6,3)^2 + 0,8 \times 5,5$$

$$(0,1 + (-3,7)^2) \div (-3,5)$$

Order of Operations with Decimals (B) Answers

Name: _____

Date: _____

Simplify each expression using the correct order of operations.

$$\begin{aligned} &(-6,5) + \underline{(1,1)^2} \div (-2,2) \\ &= (-6,5) + \underline{1,21 \div (-2,2)} \\ &= \underline{(-6,5) + (-0,55)} \\ &= -7,05 \end{aligned}$$

$$\begin{aligned} &\underline{(-1,7)^2} + 4,7 \times 9,7 \\ &= 2,89 + \underline{4,7 \times 9,7} \\ &= \underline{2,89 + 45,59} \\ &= 48,48 \end{aligned}$$

$$\begin{aligned} &\underline{((-4,4)^2 - (-2,1))} \times 2,5 \\ &= \underline{(19,36 - (-2,1))} \times 2,5 \\ &= \underline{21,46 \times 2,5} \\ &= 53,65 \end{aligned}$$

$$\begin{aligned} &6,2 \times 5,6 + \underline{(-2,5)^2} \\ &= \underline{6,2 \times 5,6} + 6,25 \\ &= \underline{34,72 + 6,25} \\ &= 40,97 \end{aligned}$$

$$\begin{aligned} &(-7,4) - \underline{(8,1)^2} \div 1,5 \\ &= (-7,4) - \underline{65,61 \div 1,5} \\ &= \underline{(-7,4) - 43,74} \\ &= -51,14 \end{aligned}$$

$$\begin{aligned} &(-2,3) \times 0,6 - \underline{(9,3)^2} \\ &= \underline{(-2,3) \times 0,6} - 86,49 \\ &= \underline{(-1,38) - 86,49} \\ &= -87,87 \end{aligned}$$

$$\begin{aligned} &\underline{(4,3)^2} - (-3,3) \times (-8,2) \\ &= 18,49 - \underline{(-3,3) \times (-8,2)} \\ &= \underline{18,49 - 27,06} \\ &= -8,57 \end{aligned}$$

$$\begin{aligned} &\underline{(7,1)^2} - 2,1 \times 8,2 \\ &= 50,41 - \underline{2,1 \times 8,2} \\ &= \underline{50,41 - 17,22} \\ &= 33,19 \end{aligned}$$

$$\begin{aligned} &\underline{(-6,3)^2} + 0,8 \times 5,5 \\ &= 39,69 + \underline{0,8 \times 5,5} \\ &= \underline{39,69 + 4,4} \\ &= 44,09 \end{aligned}$$

$$\begin{aligned} &\underline{(0,1 + (-3,7)^2)} \div (-3,5) \\ &= \underline{(0,1 + 13,69)} \div (-3,5) \\ &= \underline{13,79 \div (-3,5)} \\ &= -3,94 \end{aligned}$$