

Learning Goal

I can substitute a value for x and find y .

Instructions

1. Look at the equation.
 2. Use the given value of x .
 3. Substitute x into the equation.
 4. Solve to find y .
 5. Write the ordered pair (x, y) .
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Worked Example

Equation:

$$y = x + 2$$

$$\text{If } x = 3$$

$$y = 3 + 2$$

$$y = 5$$

Ordered pair: $(3, 5)$

Questions

Question 1

Equation: $y = x + 1$

$$\text{If } x = 2$$

$$y = \underline{\hspace{2cm}}$$

Ordered pair: $(\underline{\hspace{2cm}}, \underline{\hspace{2cm}})$

Question 2

Equation: $y = x + 3$

If $x = 1$

$y =$ ____

Ordered pair: (____ , ____)

Question 3

Equation: $y = 2x$

If $x = 3$

$y =$ ____

Ordered pair: (____ , ____)

Question 4

Equation: $y = 2x + 1$

If $x = 2$

$y =$ ____

Ordered pair: (____ , ____)

Question 5

Equation: $y = x - 2$

If $x = 5$

$y =$ ____

Ordered pair: (____ , ____)

Question 6

Equation: $y = 3x - 1$

If $x = 4$

$y =$ ____

Ordered pair: (____ , ____)

Final Check

Question 7

Which ordered pair matches the equation:

$$y = x + 2$$

☐ (1, 2)

☐ (1, 3)

☐ (1, 4)