

Review Exercise Set 7

Exercise 1: Add. $3 + (-5) = ?$

Exercise 2: Solve. What is -3 increased by 21 ?

Exercise 3: Evaluate the expression for the given values of the variables.

$x + y$, where $x = -3$ and $y = -1$

Exercise 4: Subtract. $7 - 14 = ?$

Exercise 5: Simplify. $12 - (-3) - 6 - (-11) = ?$

Review Exercise Set 7 Answer Key

Exercise 1: Add. $3 + (-5) = ?$

$$3 + (-5) = 3 - 5 = -2$$

Exercise 2: Solve. What is -3 increased by 21?

$$\text{-3 increased by 21} = -3 + 21$$

$$\text{-3} + 21 = 21 - 3 = 18$$

Exercise 3: Evaluate the expression for the given values of the variables.

$x + y$, where $x = -3$ and $y = -1$

$$\begin{aligned} x + y \\ &= (-3) + (-1) \\ &= -3 - 1 \\ &= -4 \end{aligned}$$

Exercise 4: Subtract. $7 - 14 = ?$

$$7 - 14 = -7$$

Exercise 5: Simplify. $12 - (-3) - 6 - (-11) = ?$

$$\begin{aligned} 12 - (-3) - 6 - (-11) \\ &= 12 + 3 - 6 + 11 \\ &= 15 - 6 + 11 \\ &= 9 + 11 \\ &= 20 \end{aligned}$$