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?

\(-3\) increased by 21 = \(-3 + 21\)

\[-3 + 21 = 21 - 3 = 18\]

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

\(x + y\), where \(x = -3\) and \(y = -1\)

\[
\begin{align*}
x + y &= (-3) + (-1) \\
      &= -3 - 1 \\
      &= -4
\end{align*}
\]

Exercise 4: Subtract. \(7 - 14 = ?\)

\[
7 - 14 = -7
\]

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

\[
\begin{align*}
12 - (-3) - 6 - (-11) &= 12 + 3 - 6 + 11 \\
                      &= 15 - 6 + 11 \\
                      &= 9 + 11 \\
                      &= 20
\end{align*}
\]