

Answer on Question #68180 – Math – Algebra

Question

Question: what is the answer to $y = -x + 5$.

Solution

As the function represented by this equation is linear, we have to find at least two solutions.

For example, when x is equal to 0, and when y is equal to 0.

If $x = 0$, then $y = 0 + 5$; $y = 5$.

If $y = 0$, then $0 = -x + 5$; $x = 5$.

So $(0; 5)$ and $(5; 0)$ are two solutions of this equation.

Because the function is linear, all solutions lie in one line passing through $(0; 5)$ and $(5; 0)$, which is an answer to the question. This line is marked in red below.

