Analyzing Plotted Functions - Step-by-Step Lesson
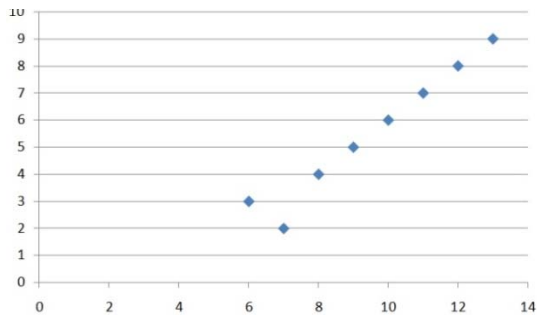
Does this scatter plot show a positive trend, a negative trend, or no trend?

Explanation:

As we know:
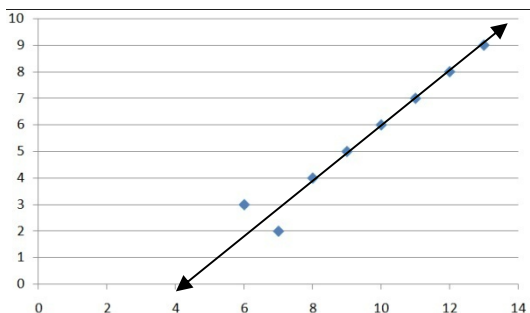
A scatter plot shows a positive trend if y tends to increase as x increases.

A scatter plot shows a negative trend if y tends to decrease as x increases.

A scatter plot shows no trend if there is no obvious pattern.

We will look at the scatter plot. We can see a fixed relationship, outside of one outlier. As x increases, y tends to increase.

Then we draw the line that best fits the data and notice that this line has a positive slope.

This scatter plot shows a positive trend.