

Name _____

Date _____

Determining and Predicting the Rate of Change - Step-by-Step Lesson

Find the slope of a line that has the points $(-2,5)$ and $(6,-4)$.



Explanation:

Slope is basically a measure of how fast a line ascends or descends.

The formula of slope is

$$\text{Slope} = \frac{y_2 - y_1}{x_2 - x_1}$$

$$\text{Slope} = \frac{-4 - 5}{6 - (-2)}$$

$$\text{Slope} = \frac{-9}{8}$$

So, the answer is $\frac{-9}{8}$.

