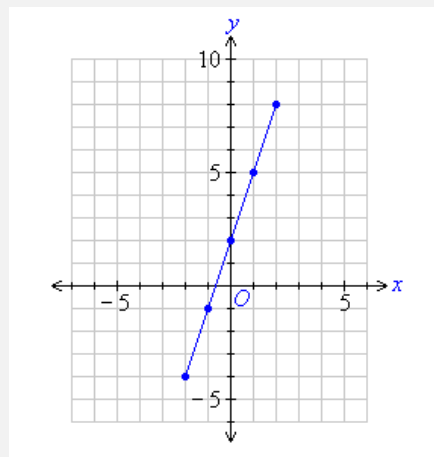# Slope of a Line/Slope Formula

About These Problems

The slope of a line is also known as rise over run. It is a ratio of how many units the points rise in one unit of increment on the x – axis.

$$\text{Formula} = (y_2 - y_1) / (x_2 - x_1)$$

Question. What is the slope of the following line?

1. 2.5
2. 3
3. 4
4. 5.5
5. 6

Answer. 2: Select two random points. The easiest would be (0,2) and (1,5) which would yield according to the formula. m = (5–2)/(1–0)