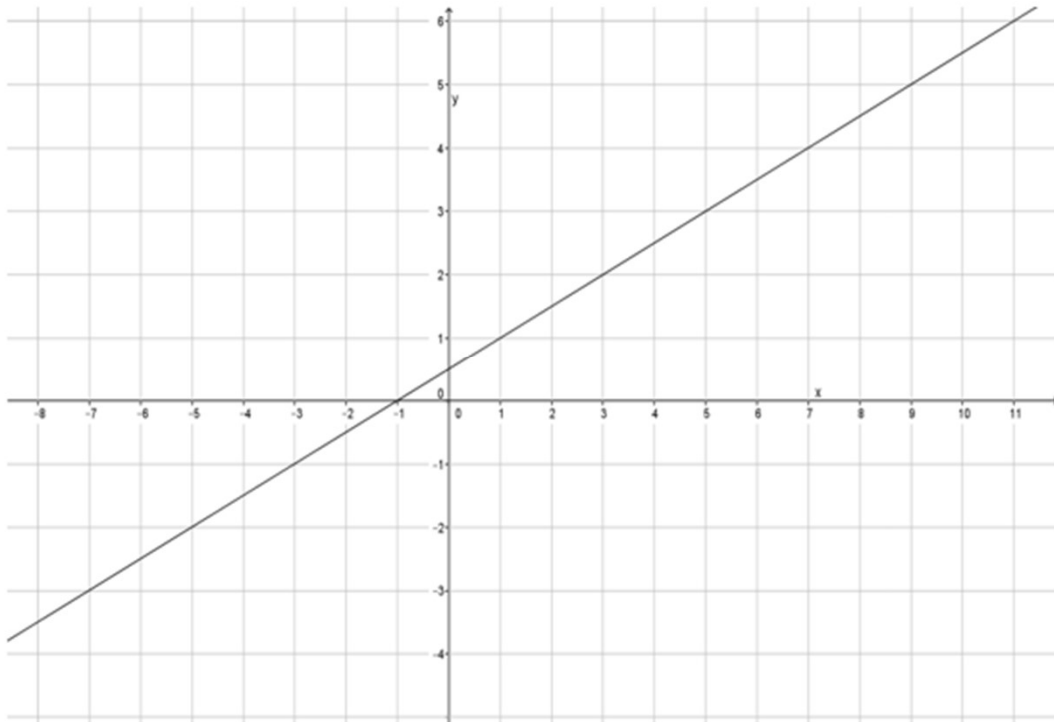


# Slope of a Line

1. Find the slope of this line by completing parts (a) and (b)?



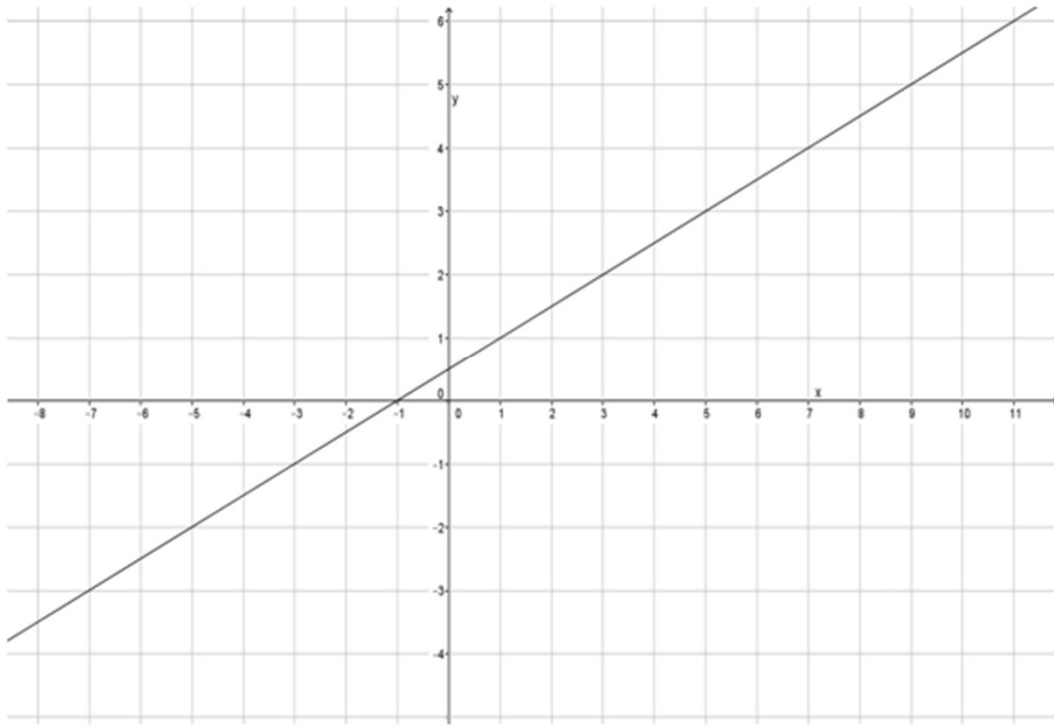
a) Select any two points on the line to label as  $P$  and  $R$ . Name their coordinates.

b) Compute the rate of change of the line.

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# Slope of a Line

1. Find the slope of this line by completing parts (a) and (b)?



- a) Select any two points on the line to label as  $P$  and  $R$ . Name their coordinates.

*Answers will vary. Other points on the graph may have been chosen.*

$P(-1, 0)$  and  $R(5, 3)$

- b) Compute the rate of change of the line.

$$\begin{aligned} m &= \frac{(p_2 - r_2)}{(p_1 - r_1)} \\ &= \frac{0 - 3}{-1 - 5} \\ &= \frac{-3}{-6} \\ &= \frac{1}{2} \end{aligned}$$

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