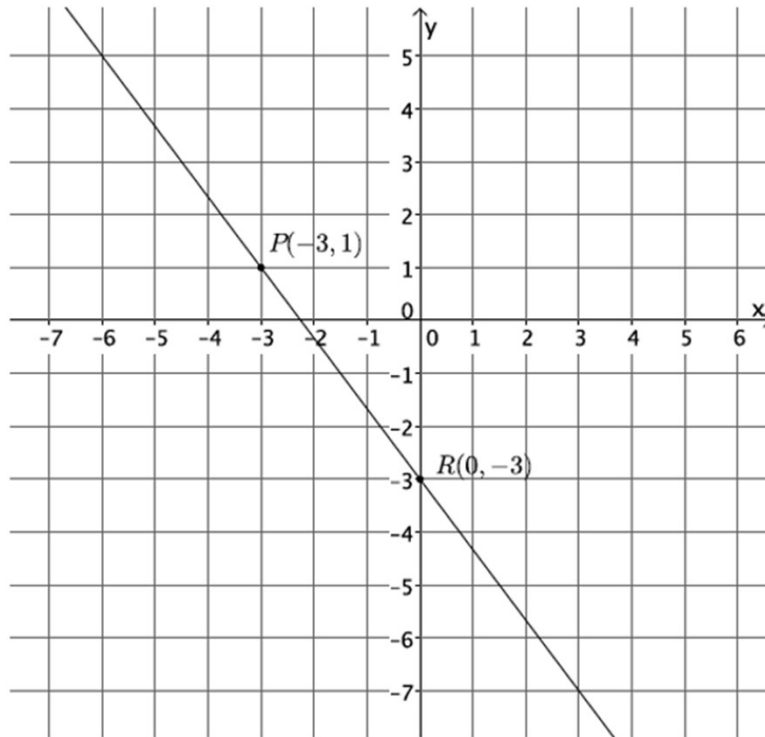


Slope of a Line

Use the graph to complete parts (a)–(c).

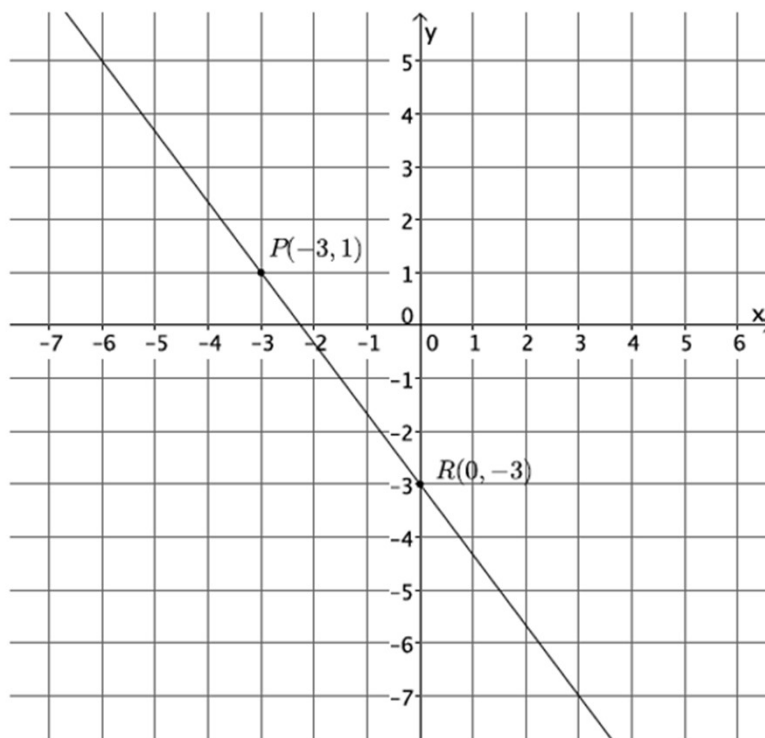


- Select any two points on the line to calculate the slope.
- Compute the slope again, this time reversing the order of the coordinates.
- What do you notice about the slopes you computed in parts (a) and (b)?

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Slope of a Line

Use the graph to complete parts (a)–(c).



a) Select any two points on the line to calculate the slope.

$$m = \frac{p_2 - r_2}{p_1 - r_1} = \frac{1 - (-3)}{-3 - 0} = \frac{4}{-3} = -\frac{4}{3}$$

b) Compute the slope again, this time reversing the order of the coordinates.

$$m = \frac{(r_2 - p_2)}{(r_1 - p_1)} = \frac{-3 - 1}{0 - (-3)} = \frac{-4}{3} = -\frac{4}{3}$$

c) What do you notice about the slopes you computed in parts (a) and (b)?

The slopes are equal.

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