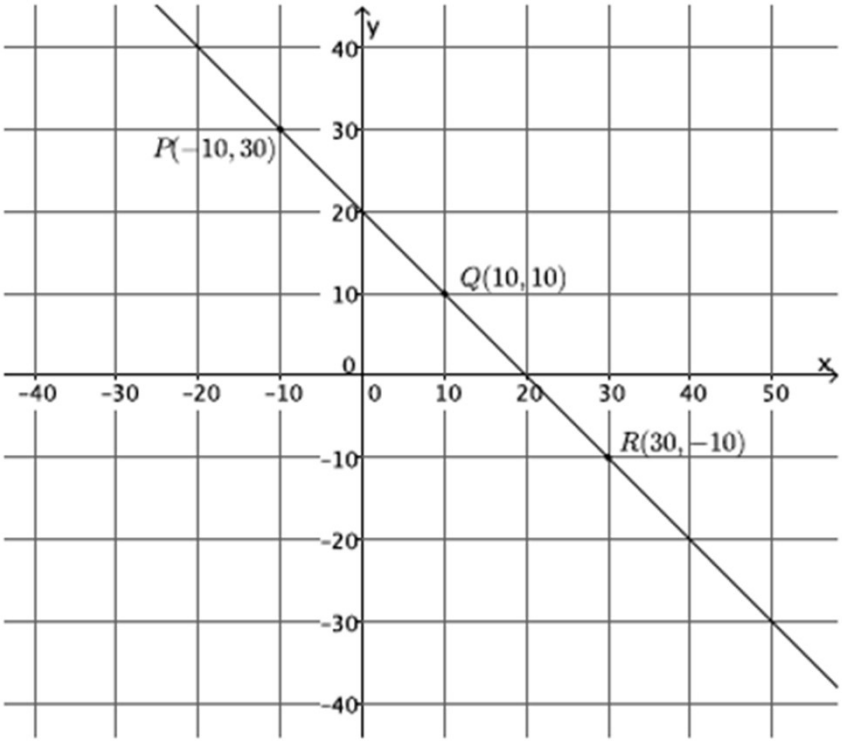
Slope of a Line

Calculate the slope of the line using two different pairs of points.



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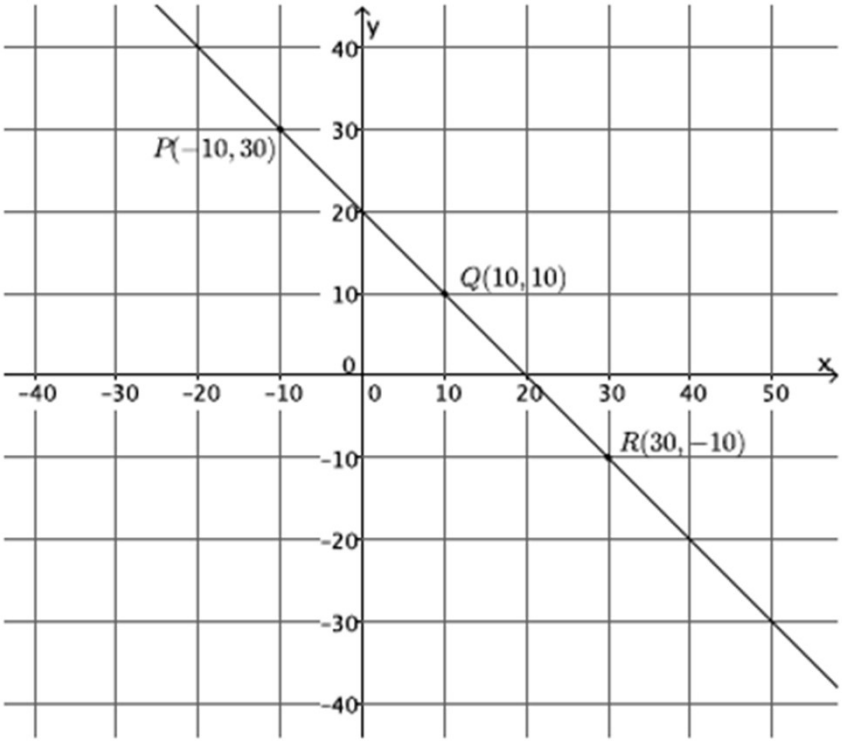

$$m = \frac{p_2 - r_2}{p_1 - r_1}$$
$$= \frac{30 - (-10)}{-10 - 30}$$
$$= \frac{40}{-40}$$
$$= -\frac{1}{1}$$
$$= -1$$

$$m = \frac{q_2 - r_2}{q_1 - r_1}$$
$$= \frac{10 - (-10)}{10 - 30}$$
$$= \frac{20}{-20}$$
$$= -1$$

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