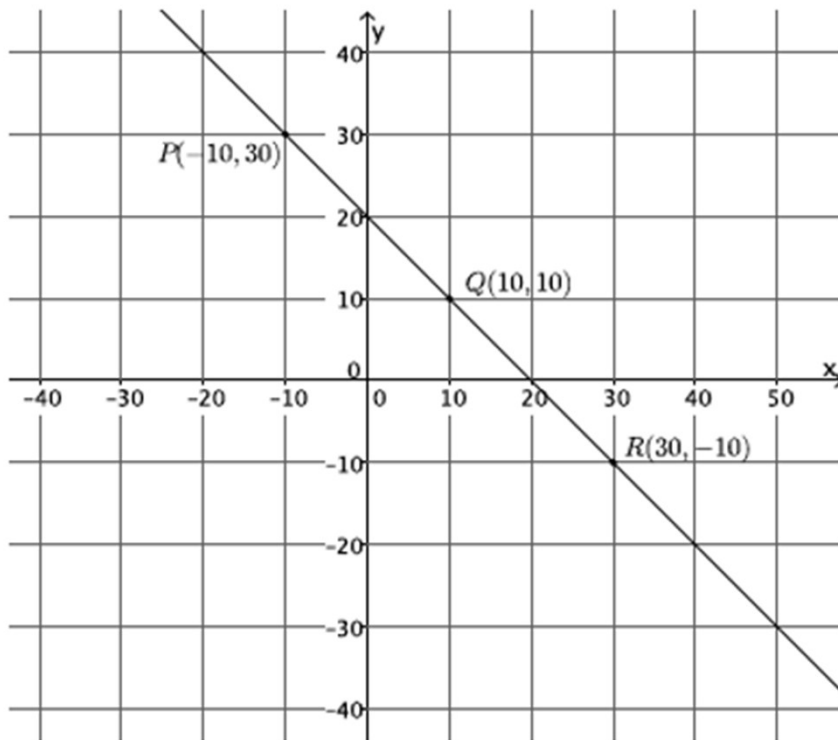


## Slope of a Line

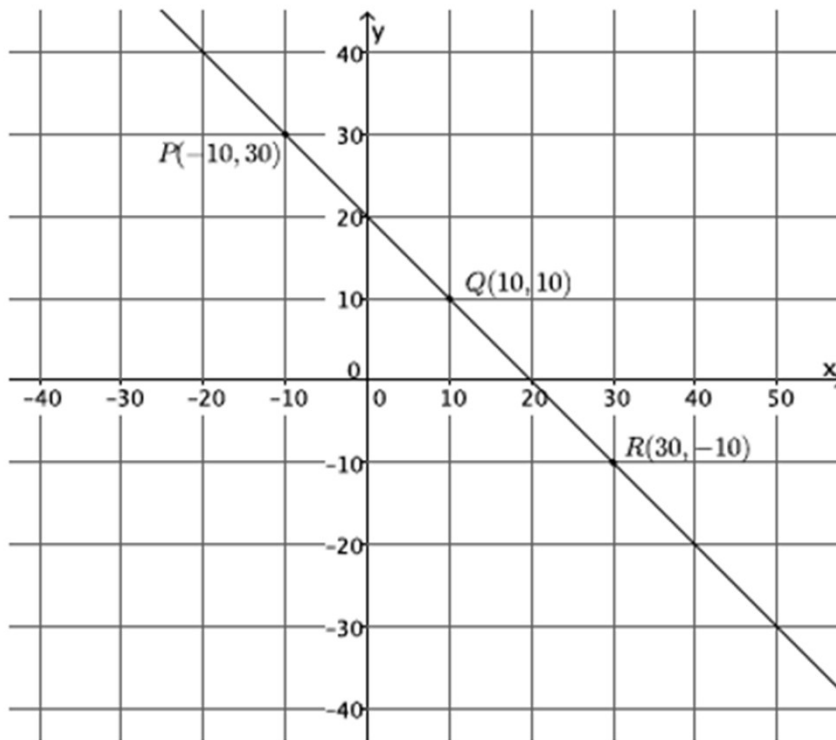
Calculate the slope of the line using two different pairs of points.



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## Slope of a Line

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



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

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

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