

**Exercise 29**

For the following exercises, find the slope of the line that passes through the two given points.

$$(6, 11) \text{ and } (-4, 3)$$

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**Solution**

Use the formula for the slope.

$$m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{3 - 11}{-4 - 6} = \frac{-8}{-10} = \frac{4}{5}$$

Therefore, the slope of the line passing through these two points is  $4/5$ .