

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Finding the Slope Between Two Points

Determine the slope of the line that goes through the points (-6, -2) and (4, -7) in lowest terms.

$x_1$   $y_1$     $x_2$   $y_2$

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

$$m = \frac{-7 - (-2)}{4 - (-6)} \quad \begin{matrix} (-7+2) \\ (4+6) \end{matrix}$$

$$m = \frac{-5}{10}$$

$m = -\frac{1}{2}$

lowest terms

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