

Correct.  $x_1 = -6$ ,  $y_1 = 4$ ,  $x_2 = -5$ , and  $y_2 = 0$

Substitute the values into the slope formula and simplify.

$$m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{0 - 4}{-5 - (-6)} = \frac{-4}{1} = -4$$