

Incorrect.  $x_1 = -8$ ,  $y_1 = 5$ ,  $x_2 = -2$ , and  $y_2 = -7$

Substitute the values into the slope formula  $m = \frac{y_2 - y_1}{x_2 - x_1}$  and simplify.

The correct answer is  $-2$ .