

Do Now

Find the slope of the line that passes through the following two points:

$(2, 6)$  and  $(-3, 16)$   
 $x_1, y_1$                        $x_2, y_2$

$$m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{16 - 6}{-3 - 2} = \frac{10}{-5} = -2$$

$m = -2$