

October 5, 2016

The Rate of Change between Points on a line are expressed as slope.

← slope "steepness"

Oct 5-9:06 AM

$y_2 - y_1 = \Delta y$

$x_2 - x_1 = \Delta x$

So,  $\text{Slope } (m) = \frac{\Delta y}{\Delta x} = \frac{\text{rise}}{\text{run}}$

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

Oct 5-9:29 AM

①  $(4, -7)$  &  $(5, -2)$

②  $m = \frac{y_2 - y_1}{x_2 - x_1}$

Oct 5-9:44 AM

Positive Slope

Negative Slope

Oct 5-9:46 AM