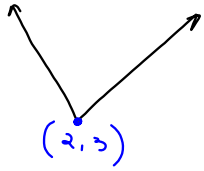
October 5, 2016

$y = |x - 2| + 3$

Absolute Value Equation

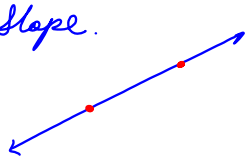


Oct 5-9:51 AM

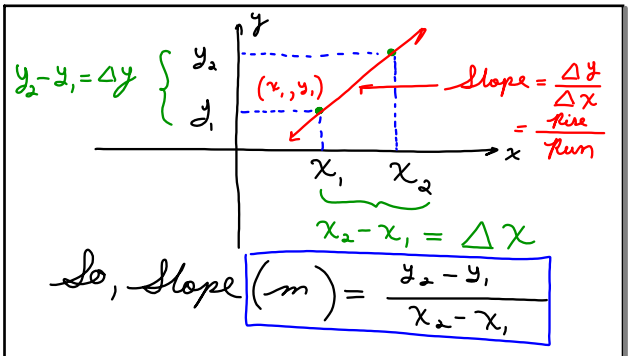
Doing 3.1 CORE by Friday

Oct 5-10:12 AM

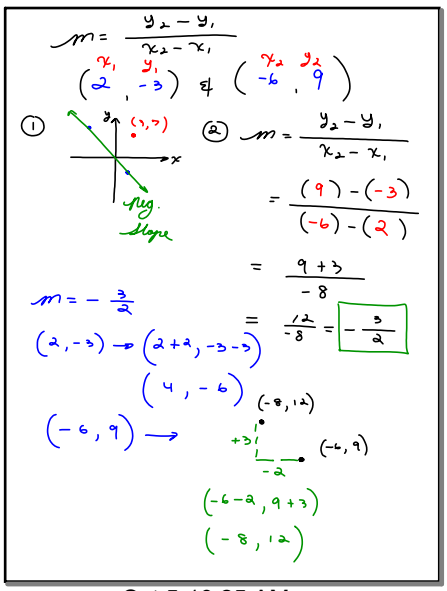
The Rate of Change between Points on a line is expressed as Slope.



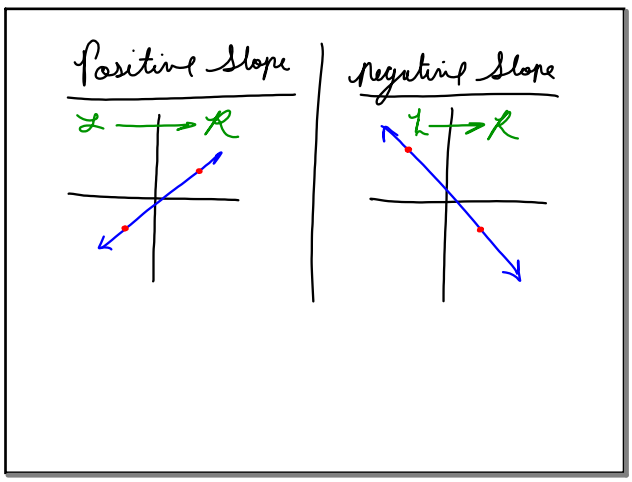
Oct 5-10:13 AM



Oct 5-10:15 AM



Oct 5-10:25 AM



Oct 5-10:27 AM

$(-5, 0)$ & $(-7, 3)$

neg.

① $m = \frac{(3)-(0)}{(-7)-(-5)}$

$= \frac{3}{-7+5}$

$= \boxed{-\frac{3}{2}}$

Oct 5-10:37 AM

$\left(\frac{1}{2}, 2\right)$ & $\left(\frac{3}{4}, 5\right)$

pos.

$m = \frac{(5)-(2)}{\left(\frac{3}{4}\right)-\left(\frac{1}{2}\right)}$

$= \frac{3}{\frac{3-2}{4} = \frac{1}{4}}$

$= \frac{\frac{3}{1}}{\frac{1}{4}} = \frac{3}{1} \cdot \frac{4}{1} = 12$

Oct 5-10:43 AM