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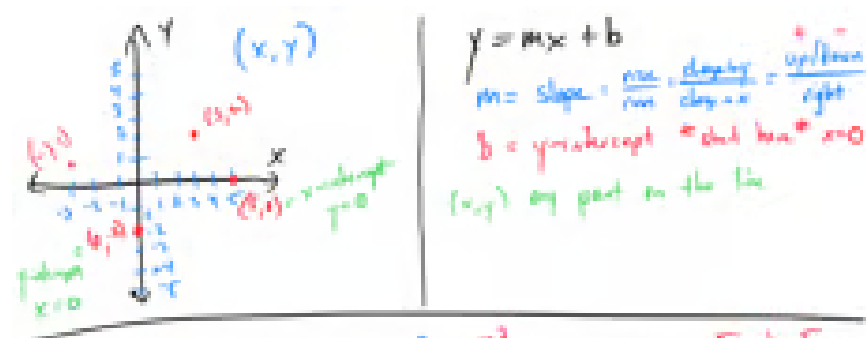
STA2023

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Slope = $\frac{\text{rise}}{\text{run}}$ or $m = \frac{\Delta y}{\Delta x}$

Rate of change

$m = \frac{2}{3}$ up 2 right 3

$m = -\frac{3}{4}$ down 3 right 4

$m = -5 = -\frac{5}{1}$ down 5 right 1

$m = 0 = \frac{0}{4}$ up 0 right 4



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

$(-2, 3) : (5, 6)$

$\frac{6-3}{5-(-2)} = \frac{3}{7}$ up 3 right 7

$(6, -5) : (4, -1)$

$\frac{-5 - (-1)}{6 - 4} = \frac{-4}{2} = -2$ down 2 right 1

