✳ find slope

#2
(2,3)

4 spaces

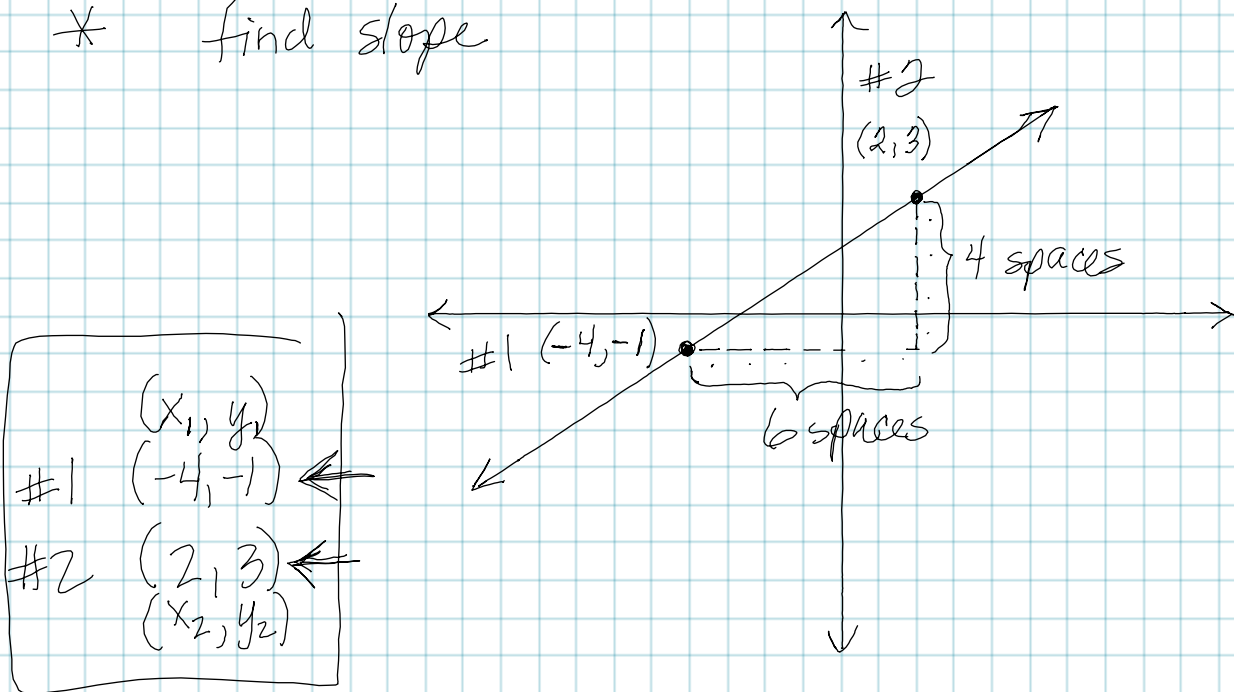#1 (-4,-1)

6 spaces

(x_1, y_1)
#1 $(-4, -1)$
#2 $(2, 3)$
(x_2, y_2)

$$\text{slope} = \frac{\text{rise}}{\text{run}} = \frac{\text{vertical distance}}{\text{horizontal distance}} = \frac{4}{6} = \boxed{\frac{2}{3}}$$

$$\text{slope} = \frac{\text{rise}}{\text{run}} = \frac{y_1 - y_2}{x_1 - x_2} = \frac{-1 - 3}{-4 - 2} = \frac{-4}{-6} = \boxed{\frac{2}{3}}$$

-1 + -3

-4 + -2

$$\text{slope} = \frac{y_2 - y_1}{x_2 - x_1} = \frac{3 - -1}{2 - -4} = \frac{4}{6} = \boxed{\frac{2}{3}}$$

$$\text{slope} = \frac{y_2 - y_1}{x_1 - x_2} = \frac{3 - -1}{-4 - 2} = \frac{4}{-6} = \frac{-2}{3}$$

-4 + -2