## Writing Linear Equations From Two Points Practice 2

(0, -5) and (-1, -4)(2, -3) and (0,1)x<sub>2</sub> = \_\_\_ y<sub>2</sub> = \_\_\_ x<sub>2</sub> = \_\_\_ y<sub>2</sub> = \_\_\_  $m = \frac{y_2 - y_1}{x_2 - x_1} = ---- = - m = \frac{y_2 - y_1}{x_2 - x_1} = ---- = --$ y = mx + by = mx + b $\underline{\phantom{a}} = \underline{\phantom{a}} (\underline{\phantom{a}}) + b$  $\underline{\phantom{a}} = \underline{\phantom{a}} + b$ \_\_\_ = b

y = \_\_\_\_  $y = _{--}x + _{--}$ 

(1,5) and (2, -3)(0,5) and (-2,3)

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

y = mx + by = mx + b

y = \_\_\_\_\_ y = \_\_\_

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(-5,4) and (2,4)(-1,3) and (0,0) $x_1 = \underline{\hspace{1cm}}$   $y_1 = \underline{\hspace{1cm}}$  $m = \frac{y_2 - y_1}{x_2 - x_1} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$  $m = \frac{y_2 - y_1}{x_2 - x_1} = ---- = --$ y = mx + by = mx + by = \_\_\_\_\_ (4,0) and (3, -3)(-2,3) and (-1, -4) $x_2 =$ \_\_\_  $y_2 =$ \_\_\_  $m = \frac{y_2 - y_1}{x_2 - x_1} = ---- = ---=$  $m = \frac{y_2 - y_1}{x_2 - x_1} = ---- = --$ y = mx + by = mx + by = \_\_\_\_\_ y = \_\_\_\_\_