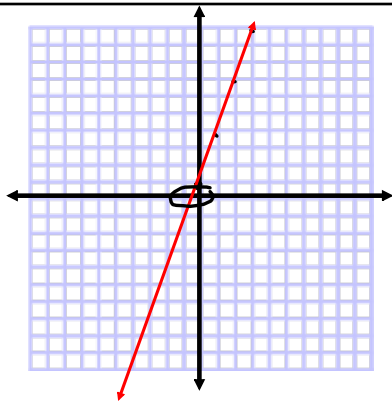


Rise, Run, Slope,
y-intercept, x-
intercept.

$$y=3x+4$$

Rise: 3
Run: 1
Slope: $\frac{3}{1}$
y-int: (0, 4)

Aug 21-8:34 PM



Rise, Run, Slope,
y-intercept, x-
intercept.

$$2y-6x=2$$

$$+6x + 6x$$

$$\frac{2y}{2} = \frac{6x}{2} + \frac{2}{2}$$

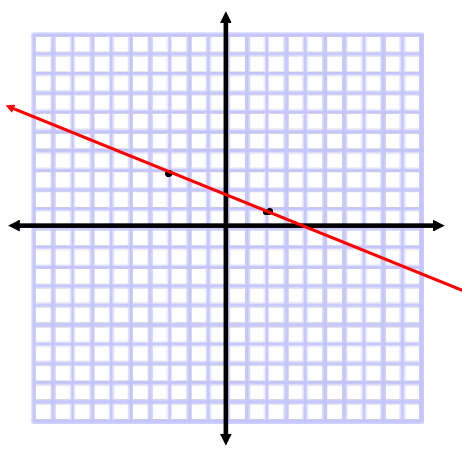
$$y = 3x + 1$$

x-int: $(\frac{1}{3}, 0)$

$$2(0) - 6x = 2 \quad x = -\frac{1}{3}$$

Rise: 3
Run: 1
Slope: $\frac{3}{1}$
y-int: (0, 1)

Aug 21-8:48 PM



Sketch the graph,
Write the equation

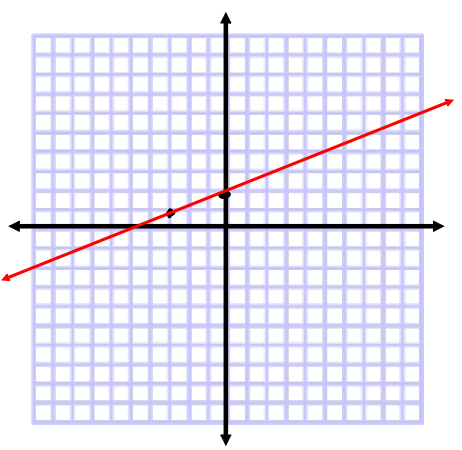
A(2,1) and B(-3,3)

$y = mt + (0, 2)$
 $m = -\frac{2}{5}$

$y = -\frac{2}{5}x + 2$

$y = mx + b$

Aug 22-7:53 AM



Sketch the graph,
Write the equation

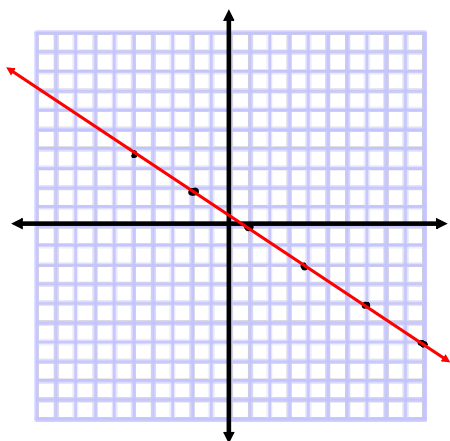
$y = mx + b$

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

$m = \frac{1}{3}$
 $y = \frac{1}{3}x + 2$

$y = \text{int}$

Aug 22-7:53 AM



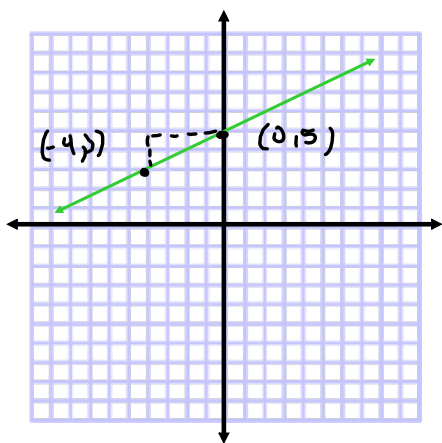
Sketch the graph,

Write the equation

$m = -2/3$ and $(-2, 2)$

$b = ?$

Aug 22-7:53 AM



Mark the rise and run, write the equation of the line.

Rise = 2, Run = 5

$m = 2/5$

y-int (0, 5)

$y = \frac{2}{5}x + 5$

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Mark the rise and run, write the equation of the line.

X	y
2	3
-5	1

$m = \frac{-4}{7} = \frac{4}{7}$

$y = mx + b$

$y = \frac{4}{7}x + b$

$3 = \frac{4}{7}(2) + b$

$3 = \frac{8}{7} + b$

$\frac{21}{7} - \frac{8}{7} = b$

$\frac{13}{7} = b$

$y = \frac{4}{7}x + \frac{13}{7}$

$(2, 3), (-5, 1)$

Aug 22-7:53 AM

Aug 22-7:58 AM