

Warm-up: Linear Part 3 Day 2

Name: _____

Write an equation in point slope form, $y - y_1 = m(x - x_1)$, then rewrite the equation in slope-int form.

1. $(-3, 2) \quad m = \frac{1}{3}$

2. $(2, 0) \quad (-2, 6)$

3. $(2, 5) \quad m = \frac{1}{2}$

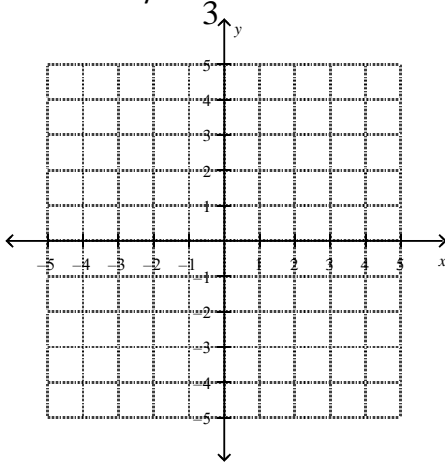
4. $(1, 6) \quad (3, -4)$

5. $(1, 3) \quad m = 4$

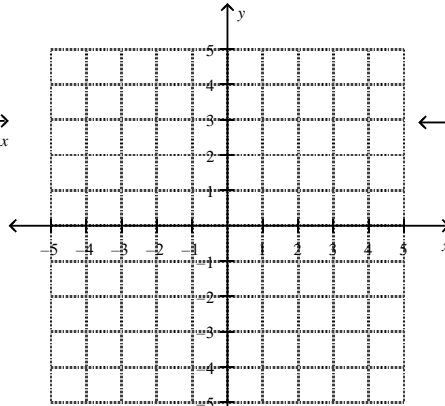
6. $(2, -3) \quad (-3, 7)$

Determine the slope and y-intercept from the equation of the line and then graph it

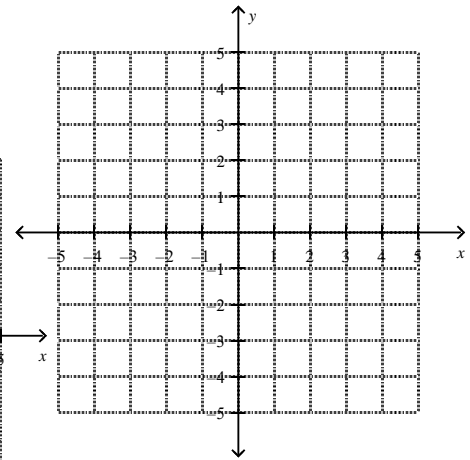
7. $y = \frac{-2}{3}x + 4$



8. $3x + 2y = 4$



9. $x = 5$



Determine the equation of the line in slope-intercept form for the table given below

x	4	8	12	16	20
y	10	8	6	4	2