***Algebra 2 GRAPHING PRACTICE***

Name: _____

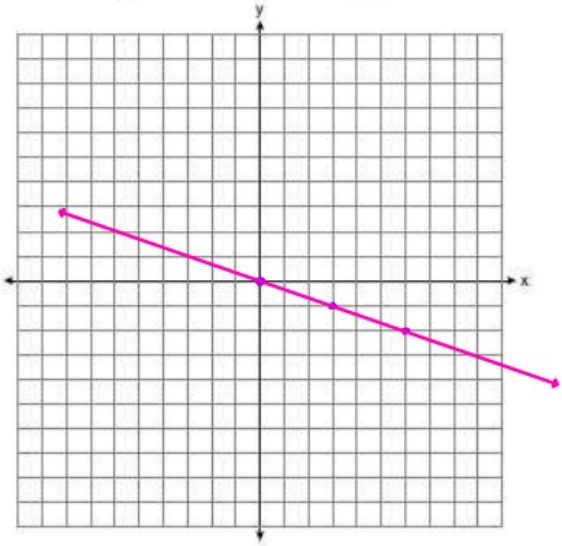
slope

$y = mx + b$

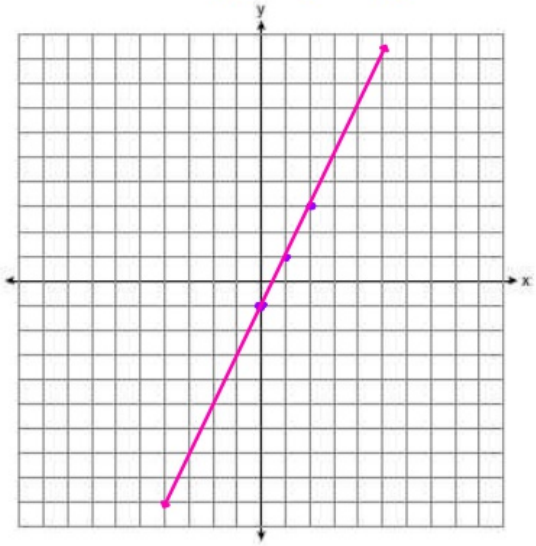
y-intercept

Graph the following in slope-intercept form:

1. $y = -\frac{1}{3}x + 0$ $m = -\frac{1}{3}$ $b = 0$

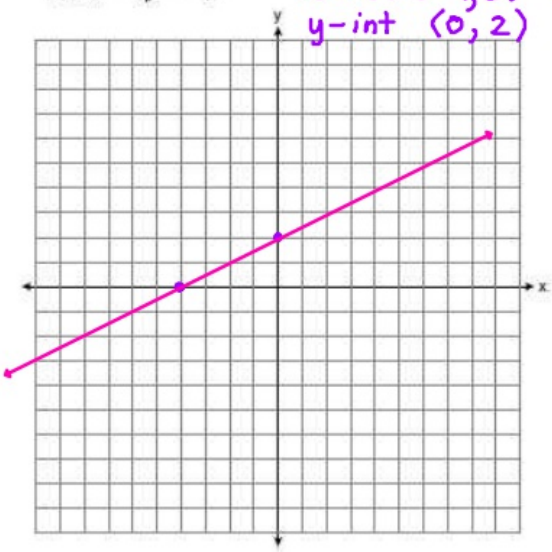


2. $y = 2x - 1$ $m = 2$ $b = -1$

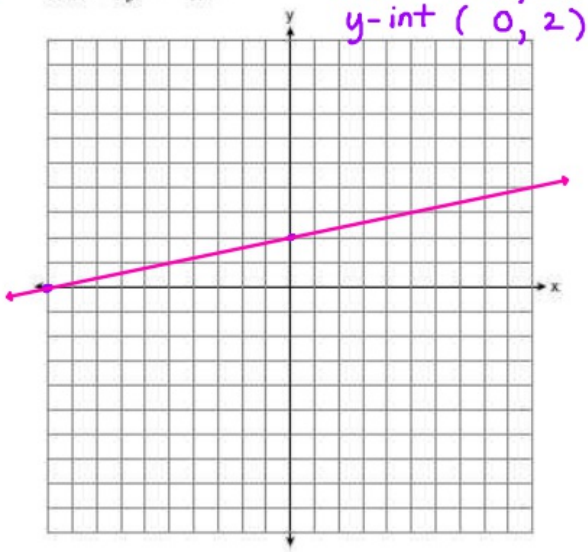


Graph the following in standard form: $Ax + By = C$

3. $2x - 4y = -8$ x-int $(-4, 0)$ y-int $(0, 2)$



4. $x - 5y = -10$ x-int $(-10, 0)$ y-int $(0, 2)$



Put the following equations in slope intercept form:

5. $3y = -\frac{1}{3}x + 1$

6. $2x + 4y = 8$

***Put the following equations in standard form: (***college-prep classes will learn this on Wednesday)

7. $3y = -\frac{1}{3}x + 1$

8. $2x + 4y = 8$