

Name: \_\_\_\_\_ Date: \_\_\_\_\_

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**Writing Equations in Slope-Intercept Form**

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**Steps**

1. Isolate  $y$  on one side of the equation.
2. Write equation in slope-intercept form:  $y=mx+b$

1.  $-5x + y = -56$

2.  $2x - 4y = 7$

3.  $3x + y = 1$

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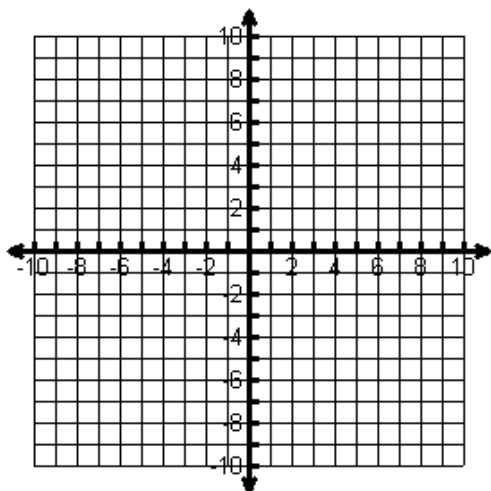
**Graphing Linear Equations**

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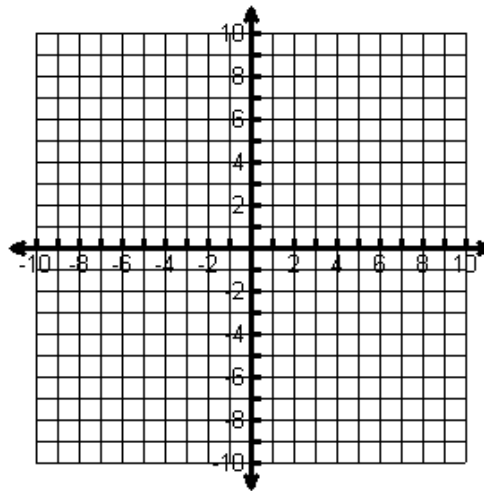
**Steps**

1. Solve for slope-intercept form:  $y = mx + b$ .
2. Graph the  $y$ -intercept( $b$ )
3. Use the slope( $m$ ) to find the next points.
4. Use the points to draw a line!

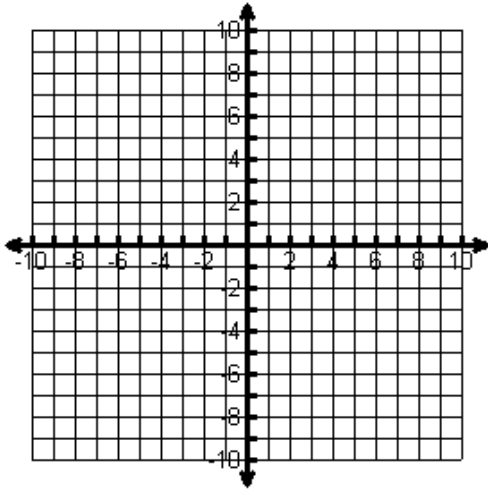
1.  $y = x - 4$



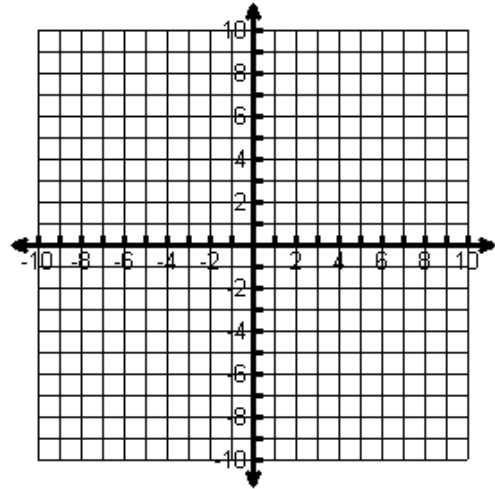
2.  $y = -\frac{2}{3}x + 5$



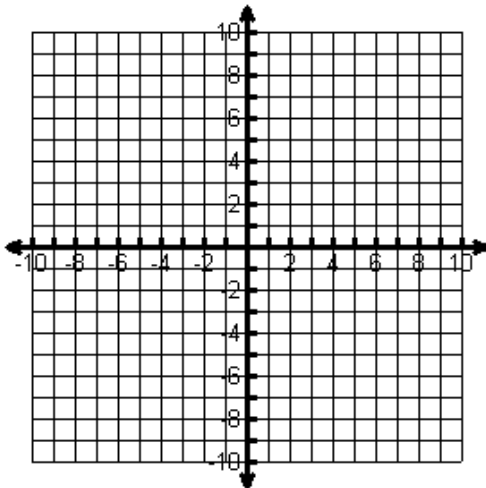
3.  $3x + y = 1$



4.  $4x - 2y = -6$



5.  $y = -4$



6.  $x = 6$

