

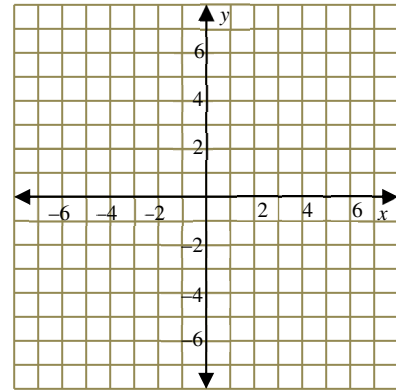
Lesson 6 Sketching Linear Functions

Method 1: Slope y-Intercept

Recall: $y = mx + b$

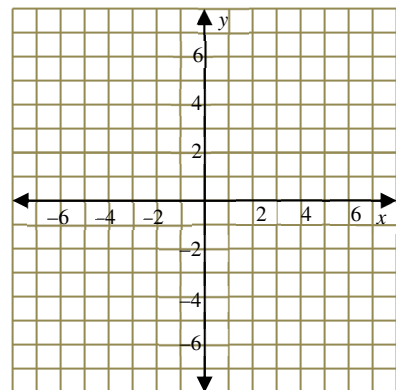
Example 1

Sketch the graph of $y = \frac{2}{3}x - 4$, using the slope y-intercept method.



Example 2

Sketch the graph of $x - 2y = 2$, using the slope y-intercept method.



* Sketch $y = -3x + 5$

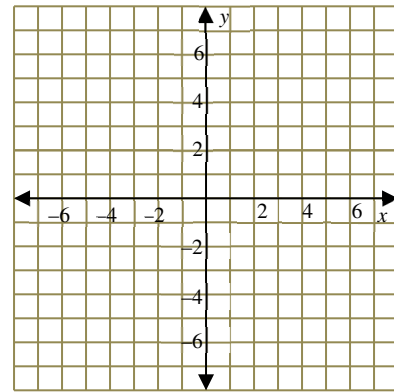
Method 2: Intercepts

Recall:

- x -intercept is the value of x when $y = 0$.
- y -intercept is the value of y when $x = 0$.

Example 1

Sketch the graph of $3x - 2y = 6$ using the intercept method of graphing.



Example 2

Sketch the graph of $3x + 4y - 12 = 0$ using the intercept method.

