

Graphing Lines

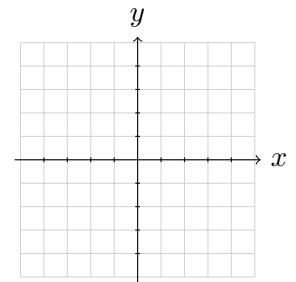
Name: _____ **Date:** _____ **Directions:** Show your

work clearly and check each answer when possible.

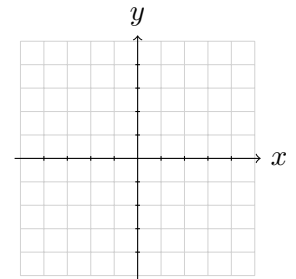
Part A: Slope-Intercept Form

Graph each line. Mark at least three points.

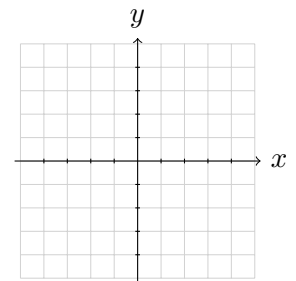
1. $y = 2x - 3$



2. $y = -\frac{1}{2}x + 4$



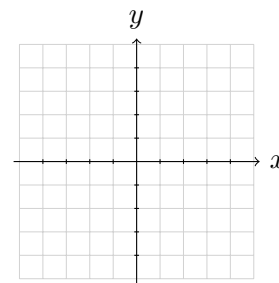
3. $3x + y = 6$



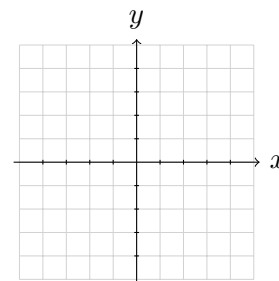
Part B: Special and Standard Forms

Rewrite when helpful, then graph each line.

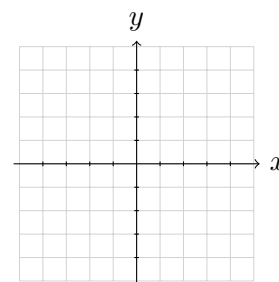
4. $2x - 3y = 6$



5. $x = -2$



6. $y = 3$



Graphing Lines – Answer Key

Equivalent algebraic forms are acceptable.

1. $m = 2$; y -intercept $(0, -3)$

2. $m = -\frac{1}{2}$; y -intercept $(0, 4)$

3. $y = -3x + 6$

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

5. vertical line $x = -2$

6. horizontal line $y = 3$