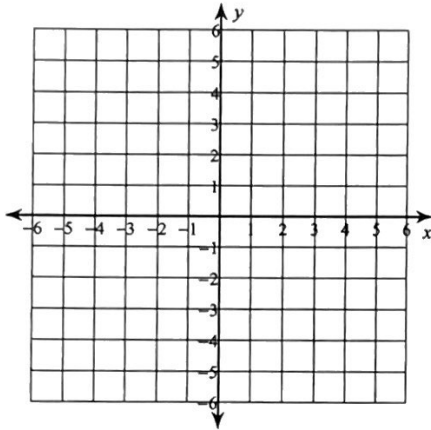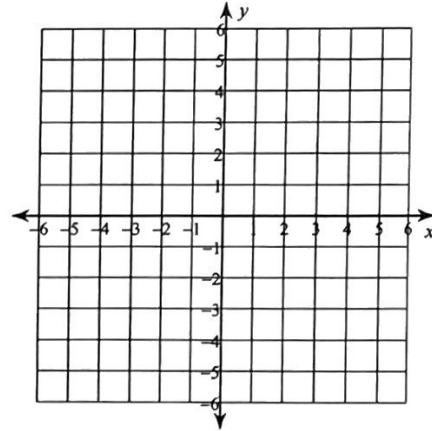Name_____

# Practice Graphing Linear Equations in Slope-Intercept Form (y=mx+b)

**1. Plot and label the y-intercept (0,b).**
**2. Use the slope (m = how you move on the graph) to determine and plot at least 1 more point (1 more solution to the linear equation).**
**3. Use a straight edge to connect your two points. Draw the line all the way through the coordinate plane (make it go past your points).**
**4. Draw arrows on both ends of the line-- shows solutions continue infinitely in both directions.**
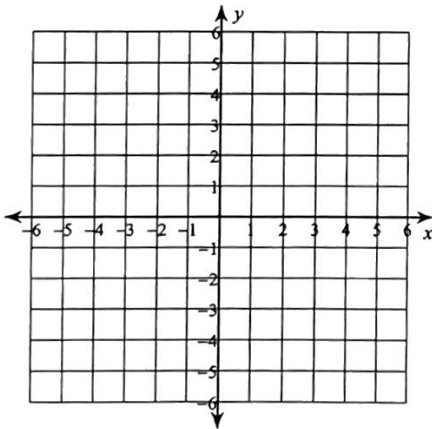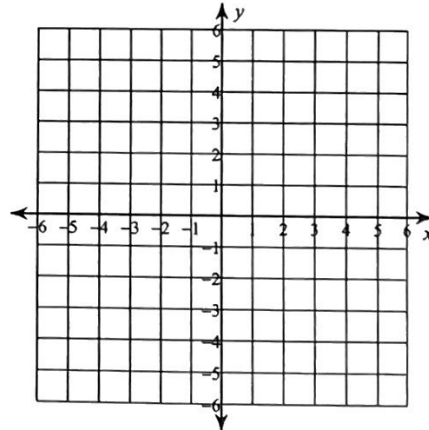
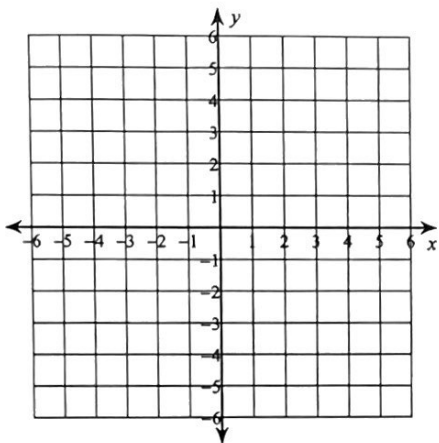1) $y = \dfrac{5}{2}x - 2$

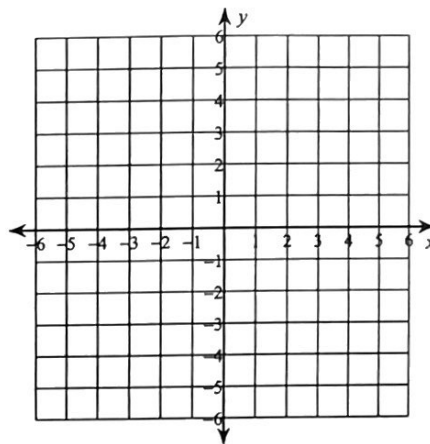2) $y = x + 2$

3) $y = 2x - 1$

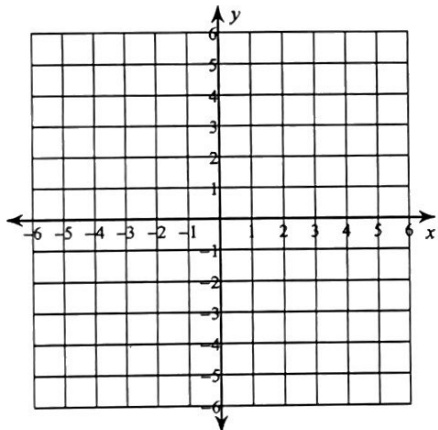4) $y = -\dfrac{1}{2}x + 4$

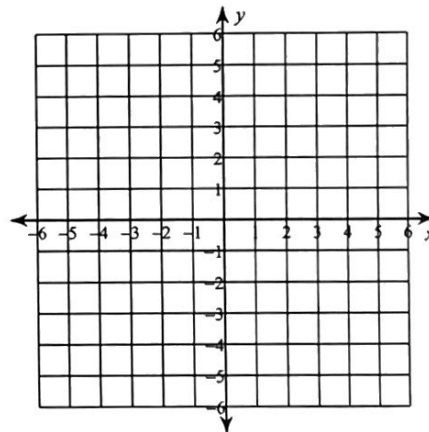OVER

5) $y = \dfrac{1}{3}x + 3$
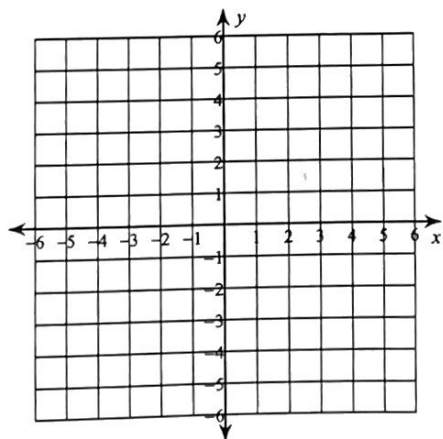
6) $y = \dfrac{1}{5}x$

7) $y = 6x - 1$

8) $y = -2x + 1$

9) $y = -\dfrac{2}{3}x + 3$

10) $y = 3x + 4$