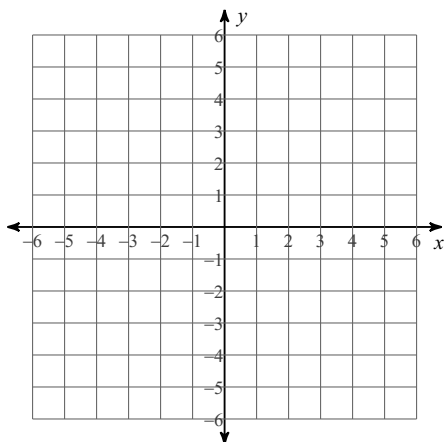


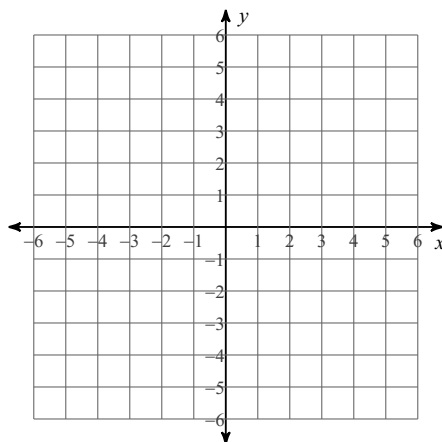
4.4 Graph Lines HW

Sketch the graph of each line.

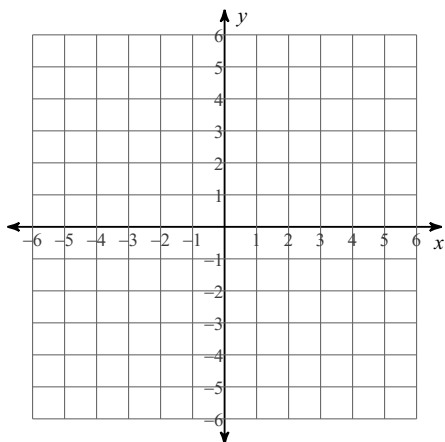
1) $y = 2x - 5$



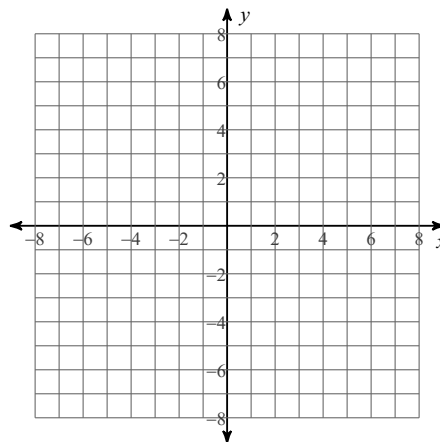
2) $y = 2x + 4$



3) $2x + y = -2$

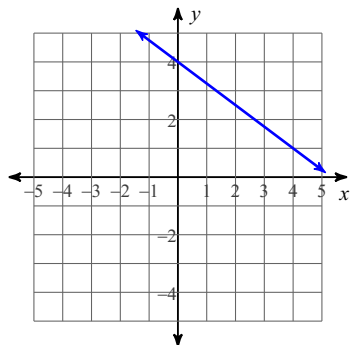


4) $y - 3 = \frac{5}{2}(x + 2)$

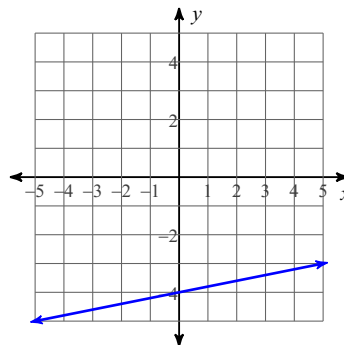


Write the slope-intercept form of the equation of each line.

5)



6)



Write the slope-intercept form of the equation of each line given the slope and y-intercept.

7) Slope = $-\frac{5}{2}$, y-intercept = 3

8) Slope = $-\frac{2}{3}$, y-intercept = -2

Write the slope-intercept form of the equation of each line.

9) $5x - 6y = 24$

10) $y - 3 = -2(x + 1)$

Write the slope-intercept form of the equation of the line through the given point with the given slope.

11) through: $(-3, -1)$, slope = $\frac{2}{3}$

12) through: $(1, 4)$, slope = 9

Write the slope-intercept form of the equation of the line through the given points.

13) through: $(-3, 4)$ and $(2, -1)$

14) through: $(3, -2)$ and $(-4, 0)$