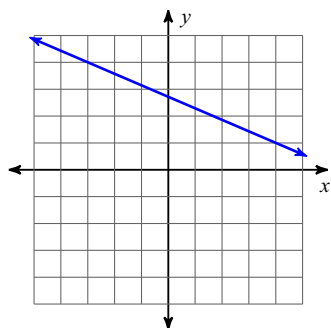


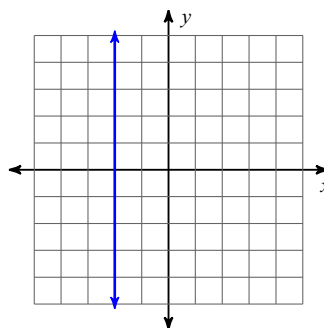
# Linear Functions Post-Break Refresher

**Find the slope of each line.**

1)



2)



**Find the slope of the line through each pair of points.**

3)  $(-4, 5), (-4, 2)$

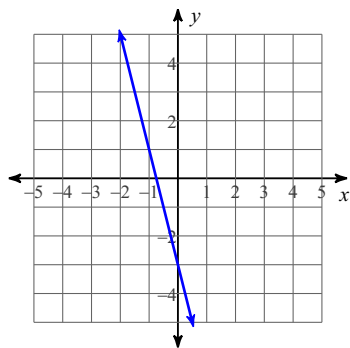
4)  $(13, -4), (2, -7)$

5)  $(14, -17), (17, -17)$

6)  $(-14, 3), (-12, -14)$

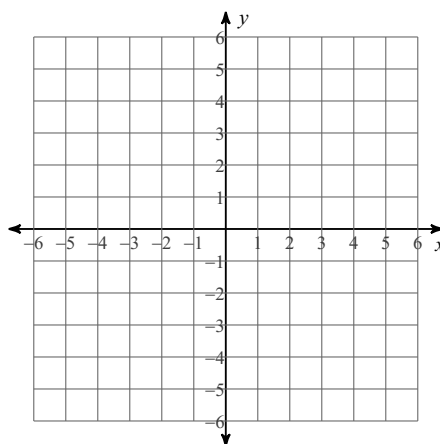
**Write the slope-intercept form of the equation of each line.**

7)



**Sketch the graph of each line.**

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



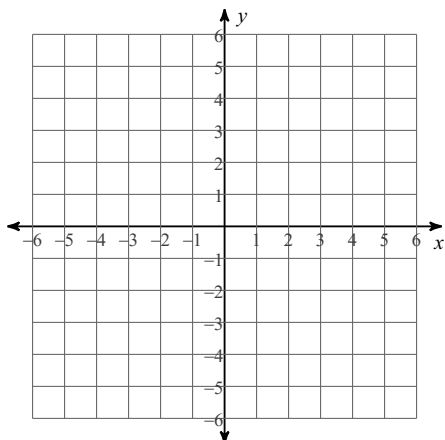
**Write the slope-intercept form of the equation of each line.**

9)  $9x + 4y = -24$

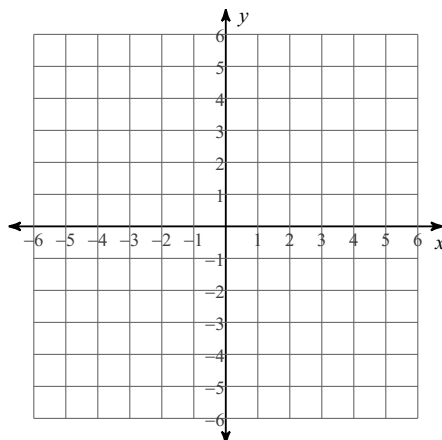
10)  $7x - 2y = -6$

Sketch the graph of each line.

11)  $x + y = -2$

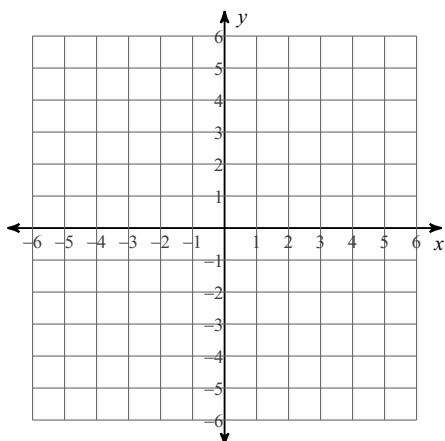


12)  $2x - 5y = -5$

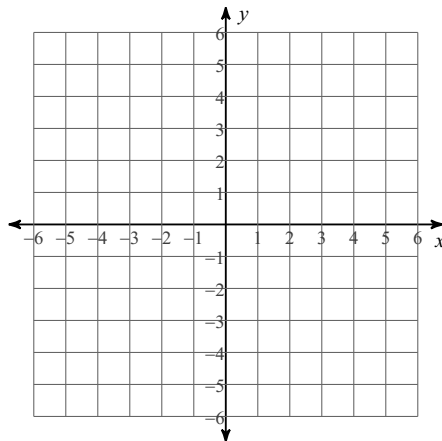


Sketch the graph of each linear inequality.

13)  $y < -\frac{1}{4}x - 2$

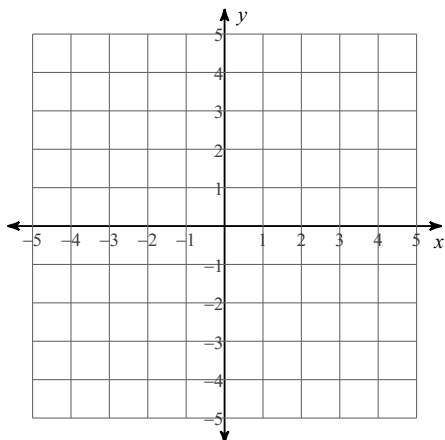


14)  $x - 2y \geq 6$



Sketch the solution to each system of inequalities.

15)  $y < \frac{4}{3}x - 2$   
 $y \geq \frac{1}{3}x + 1$



16)  $y > \frac{2}{3}x - 1$   
 $y < -\frac{2}{3}x + 3$

