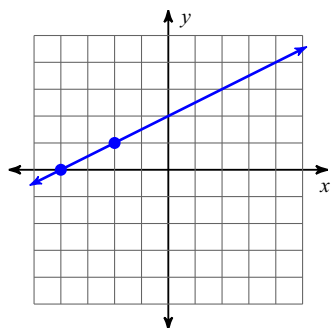


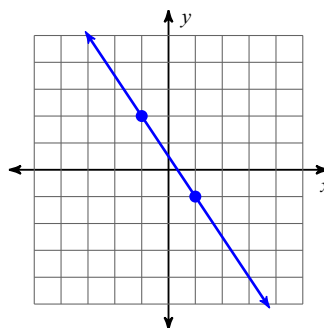
SM2-A HW 4-3 (Linear Function)

Find the slope of each line.

1)

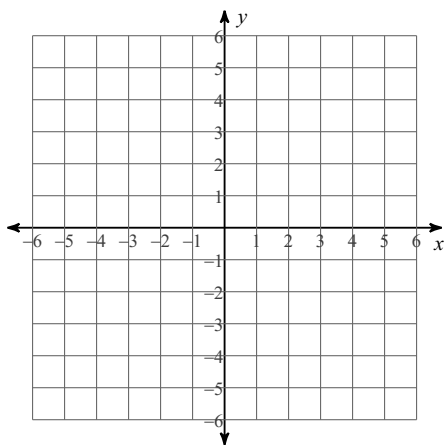


2)

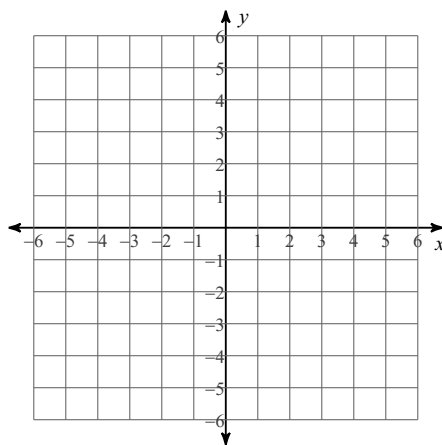


Sketch the graph of each line.

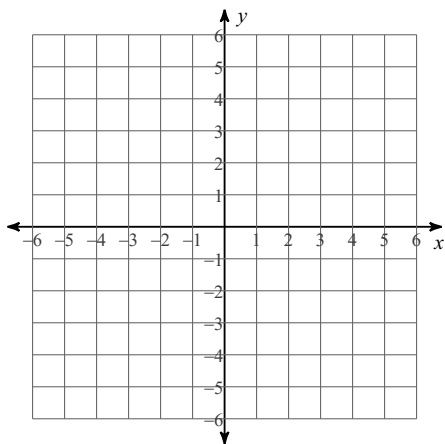
3) $y = \frac{1}{4}x + 4$



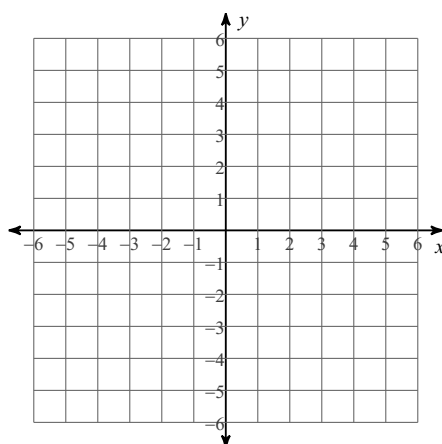
4) $y = \frac{1}{2}x - 1$



5) $x = -1$

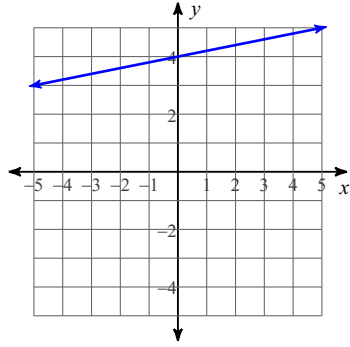


6) $y = -\frac{2}{5}x - 1$

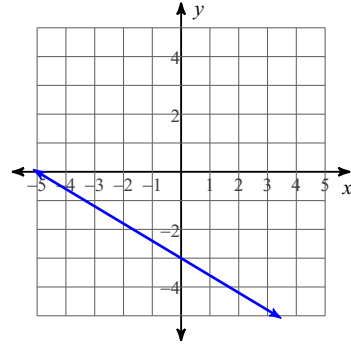


Write the slope-intercept form of the equation of each line.

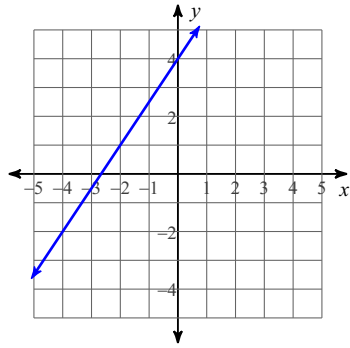
7)



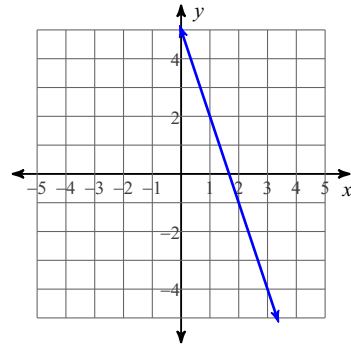
8)



9)



10)



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

11) through: $(-5, 2)$ and $(-2, -2)$

12) through: $(-1, 4)$ and $(3, -1)$

13) through: $(4, -1)$ and $(5, -2)$

14) through: $(0, 2)$ and $(4, 1)$