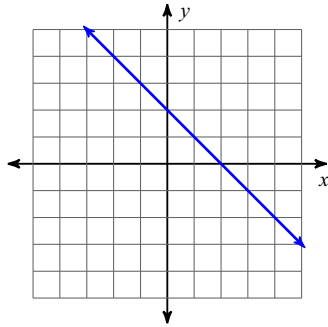


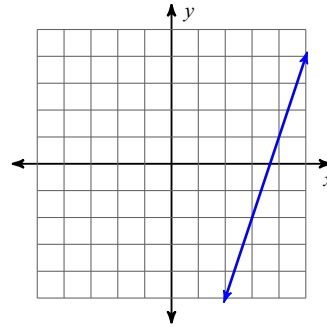
# Linear Equations and Inequalities Quiz Review

**Find the slope of each line.**

1)



2)



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

3)  $(20, 17), (-4, 17)$

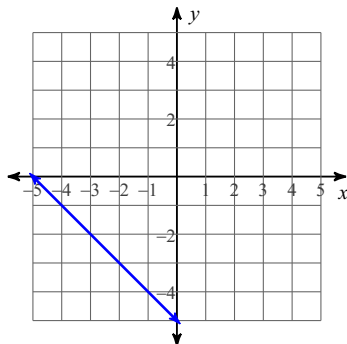
4)  $(-5, 11), (-2, 2)$

5)  $(-3, 9), (-17, 2)$

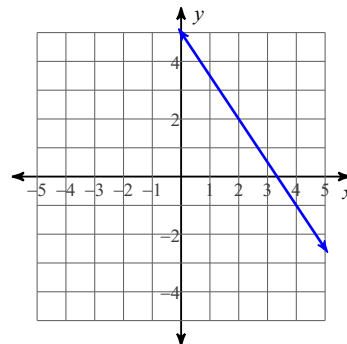
6)  $(20, 2), (20, 4)$

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

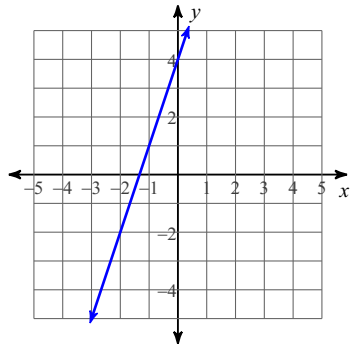
7)



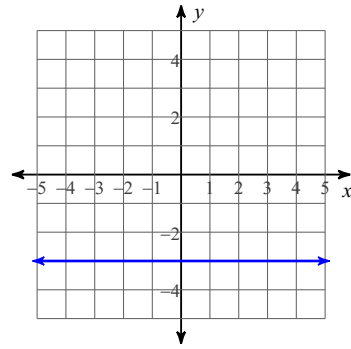
8)



9)

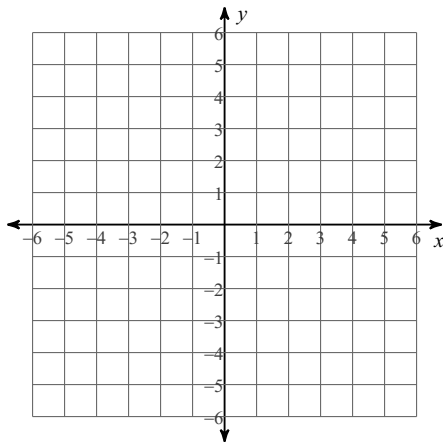


10)

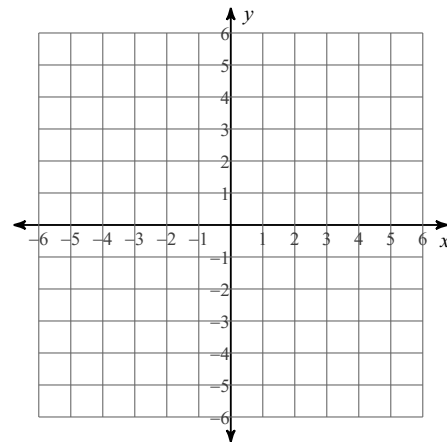


Sketch the graph of each line.

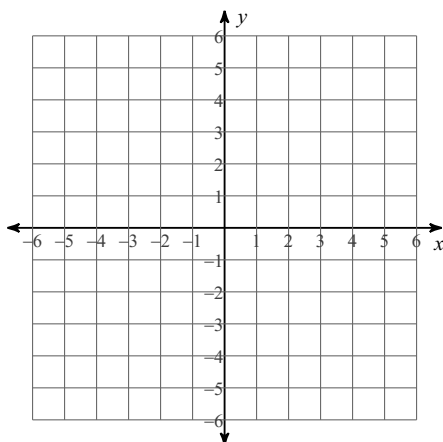
11)  $y = \frac{7}{3}x + 5$



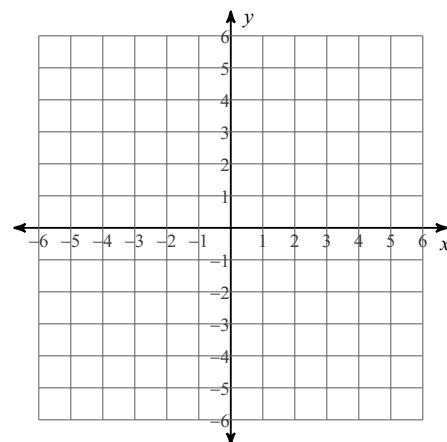
12)  $y = -3x + 5$



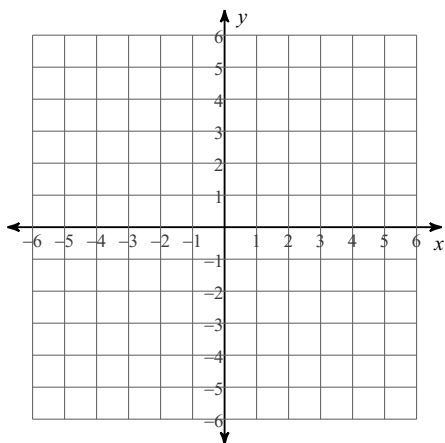
13)  $x = 4$



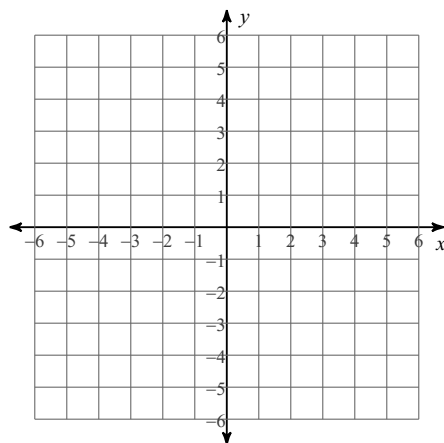
14)  $3x + y = 2$



15)  $x - 2y = 4$

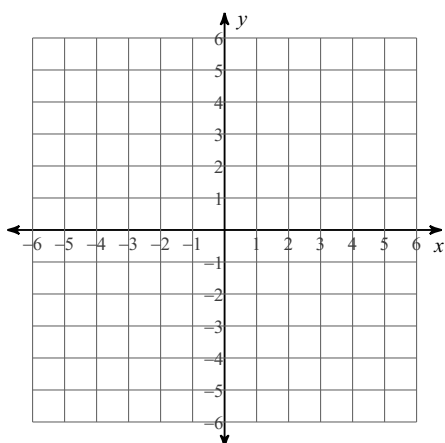


16)  $2x - 5y = -25$

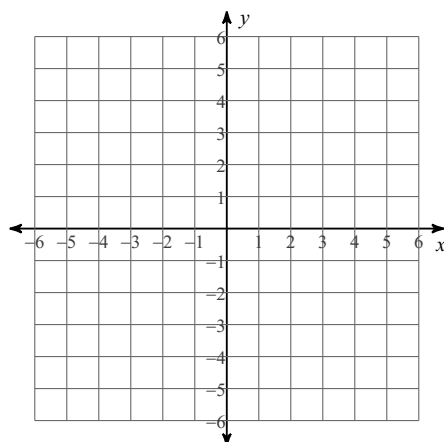


**Sketch the graph of each linear inequality.**

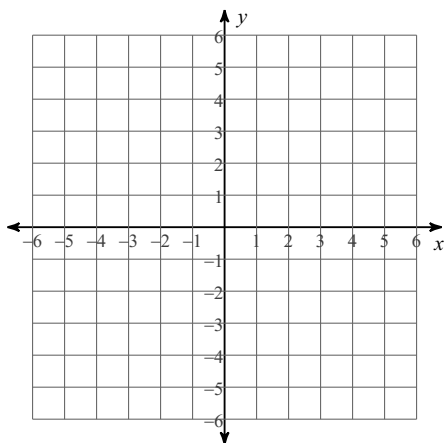
17)  $y \leq 6x - 2$



18)  $y \geq \frac{5}{3}x + 5$



19)  $x - 2y < 4$



20)  $5x + 4y < -4$

