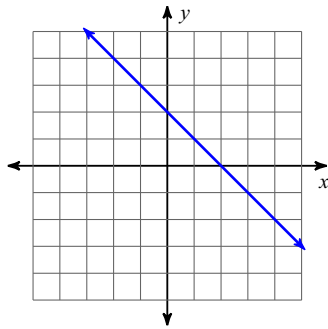


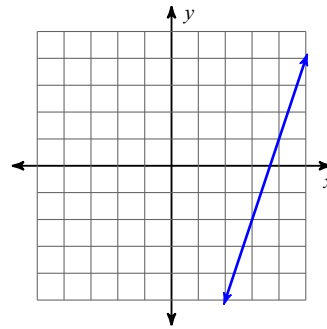
Linear Equations and Inequalities Quiz Review

Find the slope of each line.

1)



2)



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

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

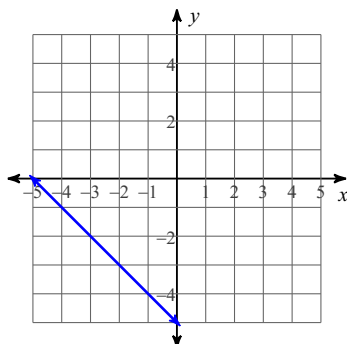
4) $(-5, 11), (-2, 2)$

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

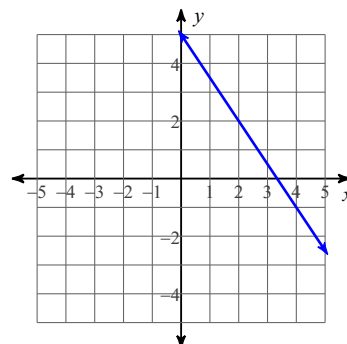
6) $(20, 2), (20, 4)$

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

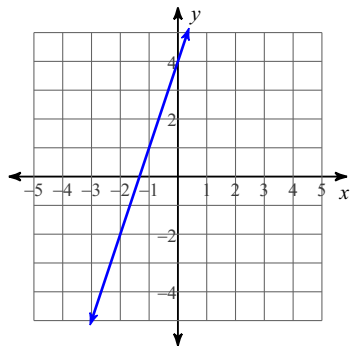
7)



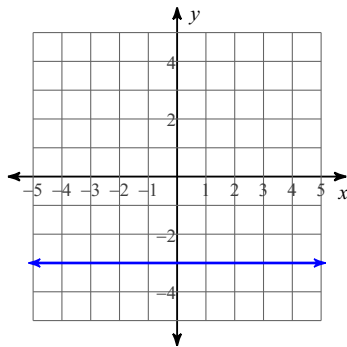
8)



9)

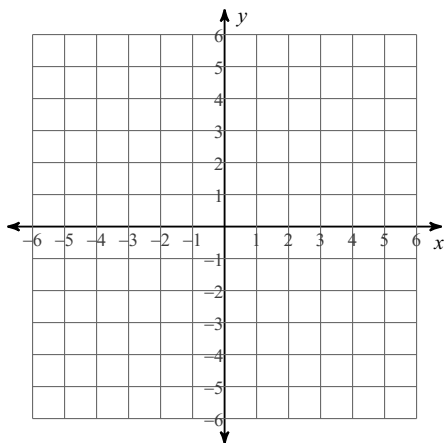


10)

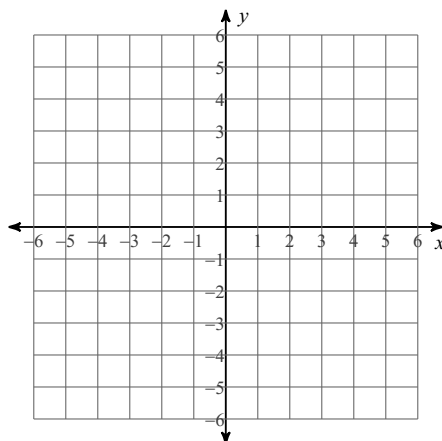


Sketch the graph of each line.

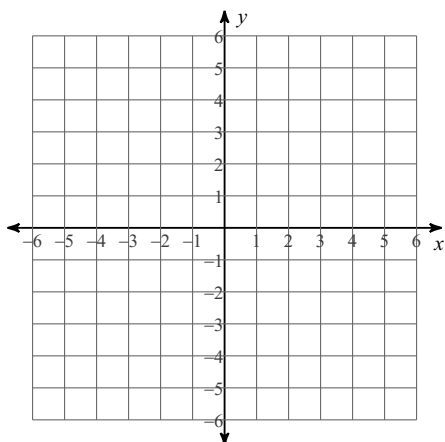
11) $y = \frac{7}{3}x + 5$



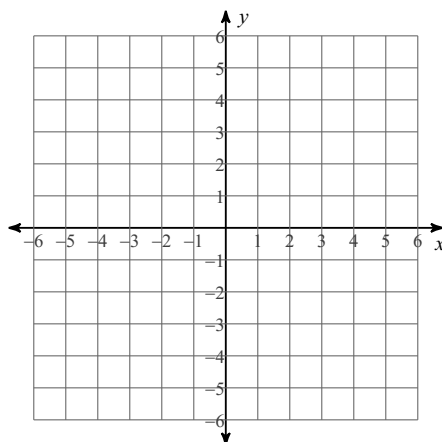
12) $y = -3x + 5$



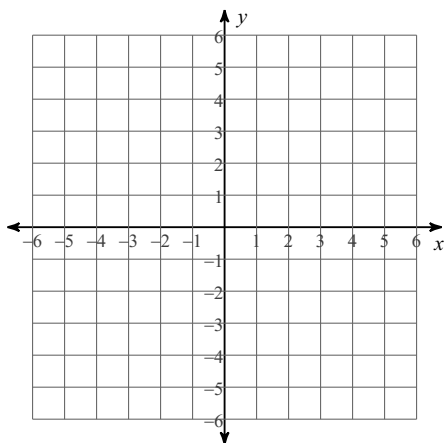
13) $x = 4$



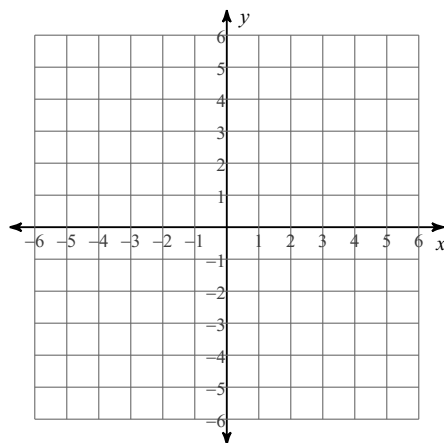
14) $3x + y = 2$



15) $x - 2y = 4$

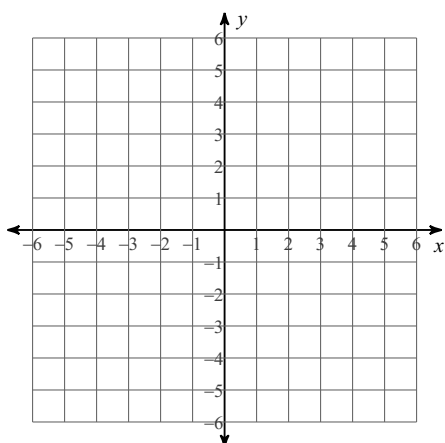


16) $2x - 5y = -25$

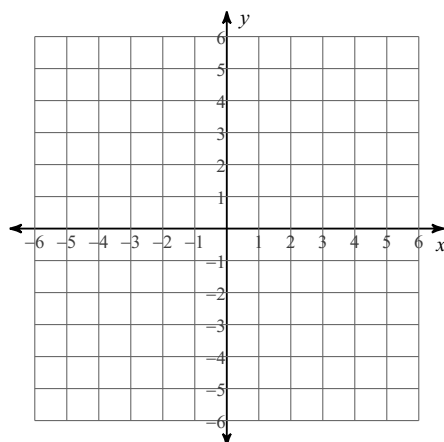


Sketch the graph of each linear inequality.

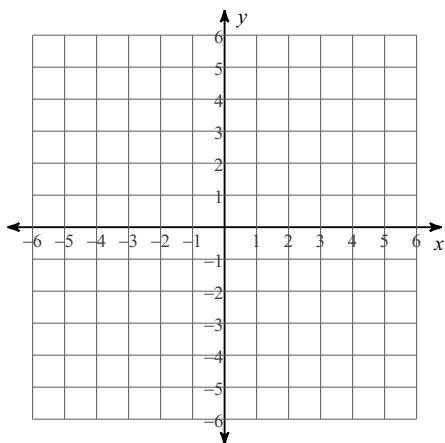
17) $y \leq 6x - 2$



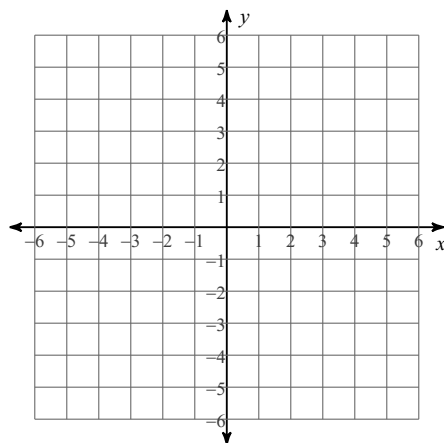
18) $y \geq \frac{5}{3}x + 5$



19) $x - 2y < 4$



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

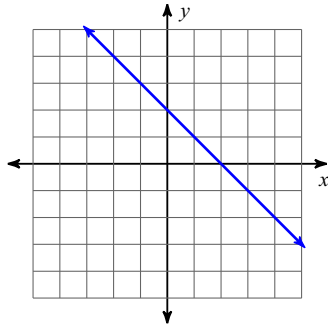


Linear Equations and Inequalities Quiz Review

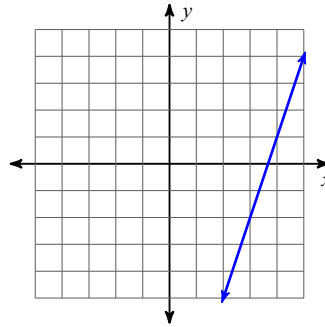
Date _____ Period _____

Find the slope of each line.

1)

 -1

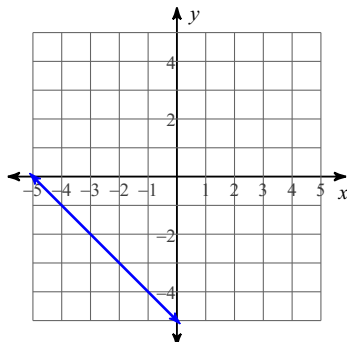
2)

 3 **Find the slope of the line through each pair of points.**3) $(20, 17), (-4, 17)$ 0 4) $(-5, 11), (-2, 2)$ -3 5) $(-3, 9), (-17, 2)$ $\frac{1}{2}$ 6) $(20, 2), (20, 4)$

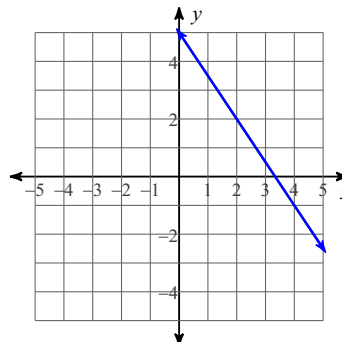
Undefined

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

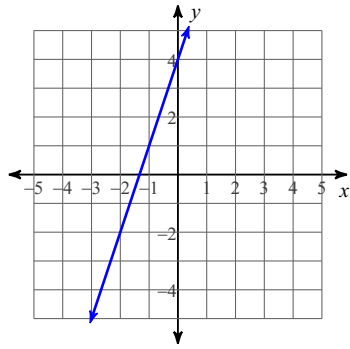
7)

 $y = -x - 5$

8)

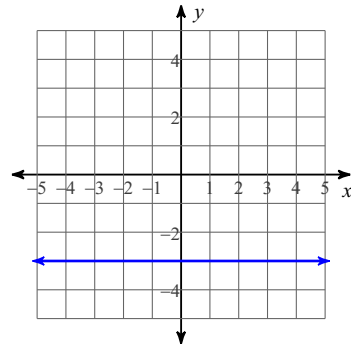
 $y = -\frac{3}{2}x + 5$

9)



$$y = 3x + 4$$

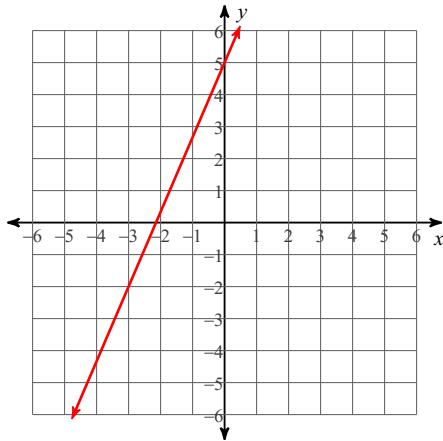
10)



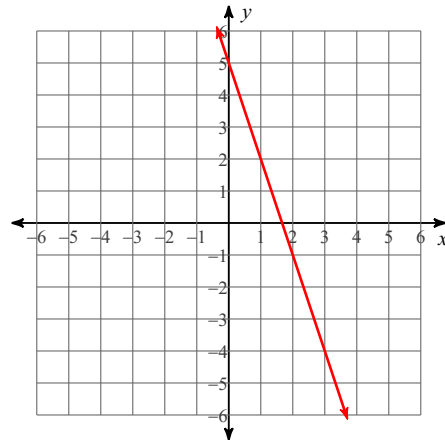
$$y = -3$$

Sketch the graph of each line.

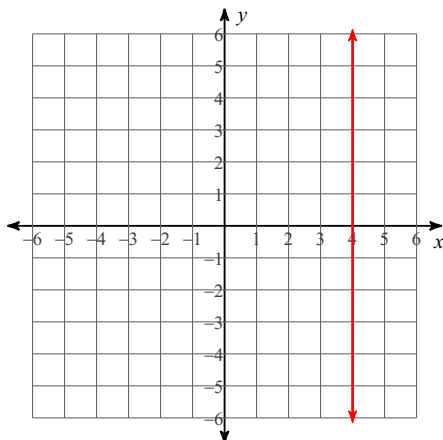
11) $y = \frac{7}{3}x + 5$



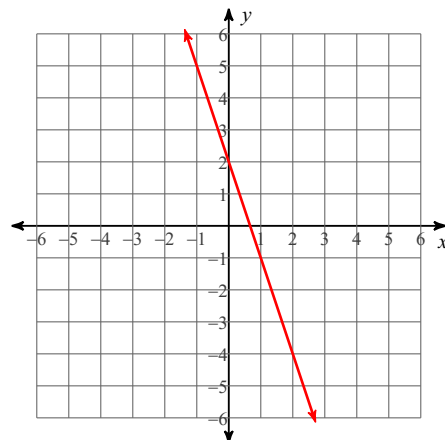
12) $y = -3x + 5$



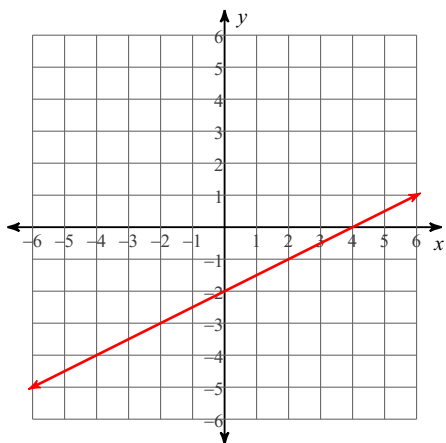
13) $x = 4$



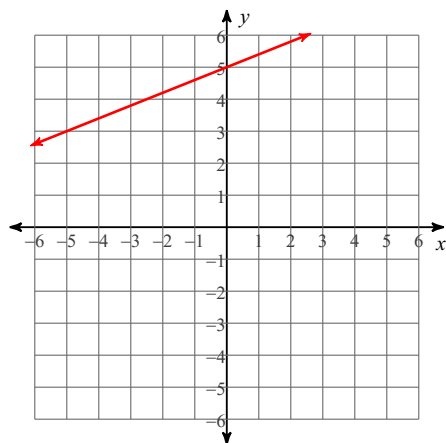
14) $3x + y = 2$



15) $x - 2y = 4$

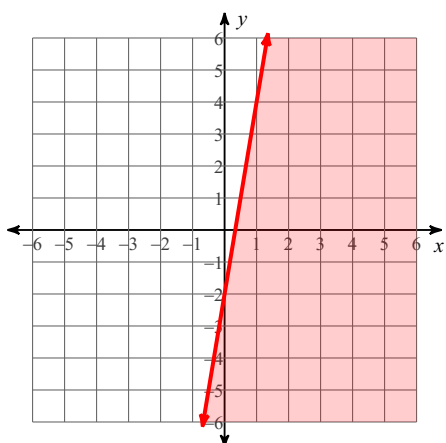


16) $2x - 5y = -25$

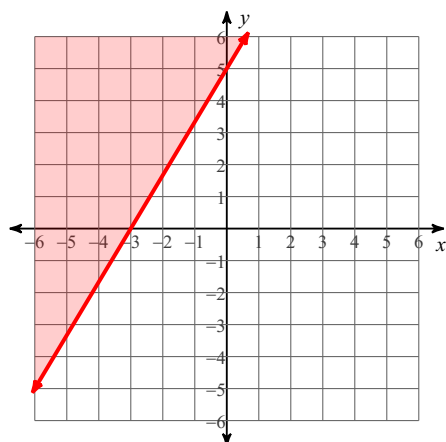


Sketch the graph of each linear inequality.

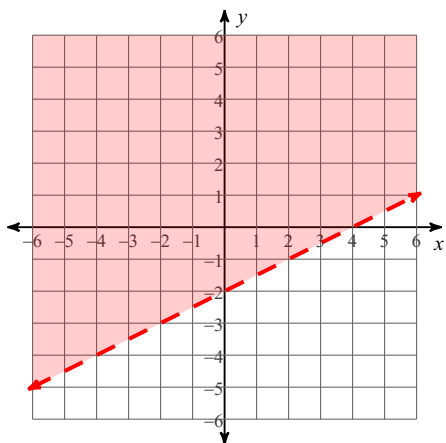
17) $y \leq 6x - 2$



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



19) $x - 2y < 4$



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

