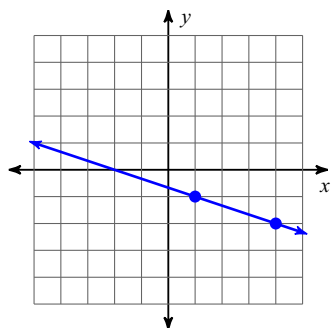


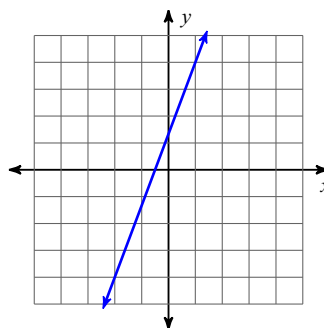
Linear Functions REVIEW

Find the slope of each line.

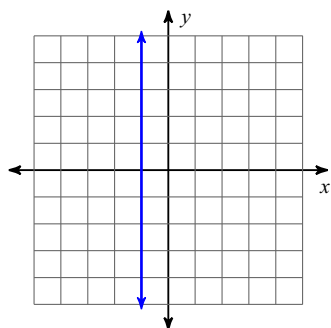
1)



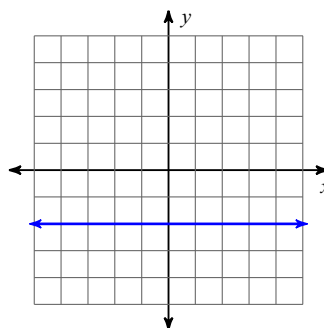
2)



3)



4)



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

5) $(-1, 7), (-7, -16)$

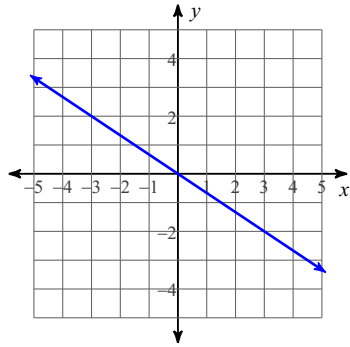
6) $(7, 12), (-3, -8)$

7) $(11, -3), (11, 14)$

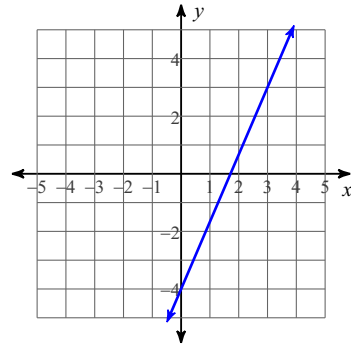
8) $(9, -7), (-3, -7)$

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

9)

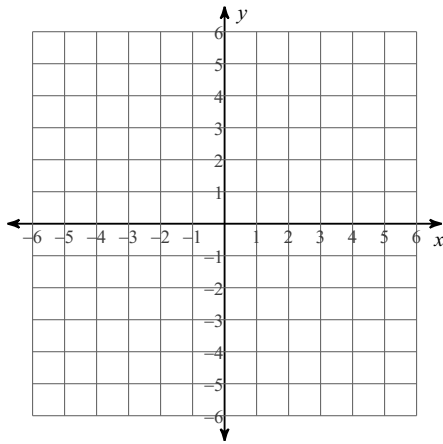


10)

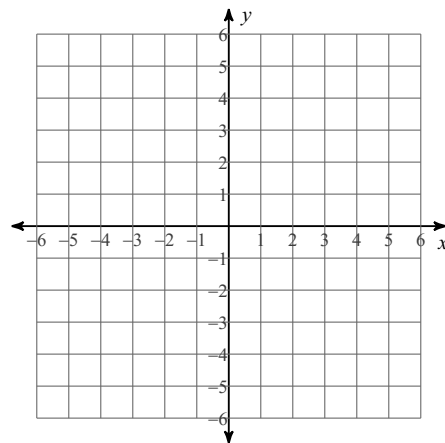


Sketch the graph of each line.

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



12) $y = -2x - 2$



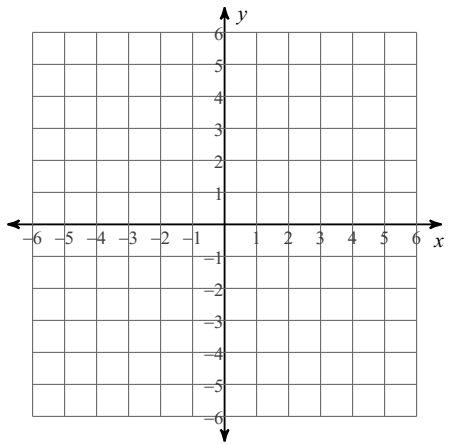
Write the slope-intercept form of the equation of each line.

13) $14x - y = 8$

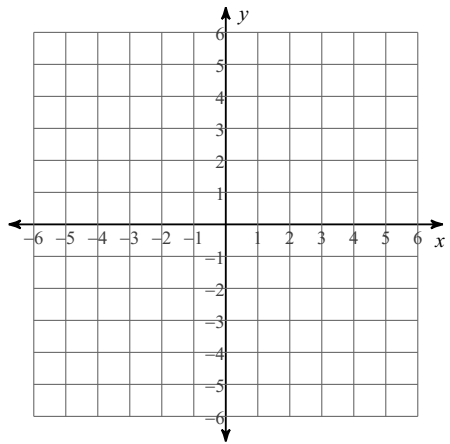
14) $4x + 3y = -9$

Sketch the graph of each line.

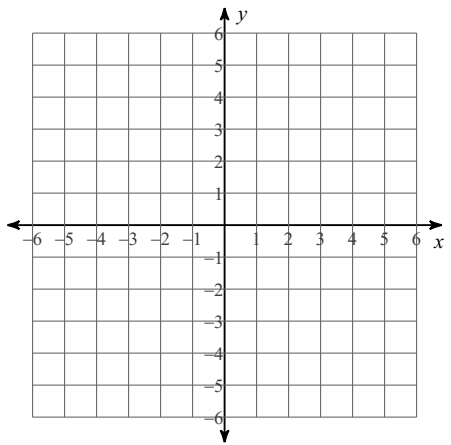
15) $3x - y = 1$



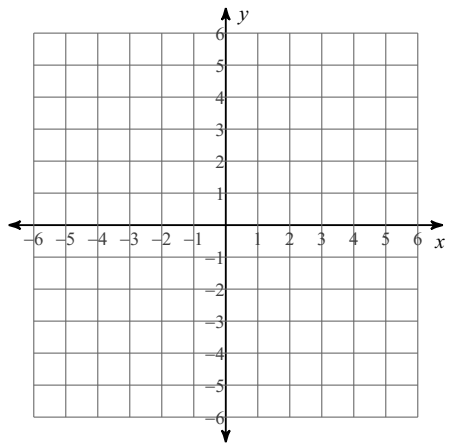
16) $8x - 5y = -20$



17) $x = -3$



18) $5x + 3y = -12$

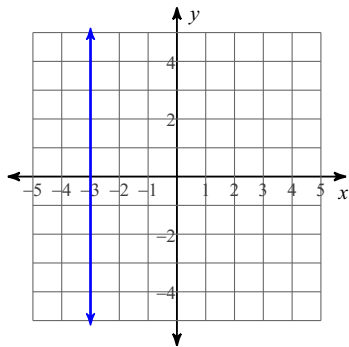


Write the standard form of the equation of each line.

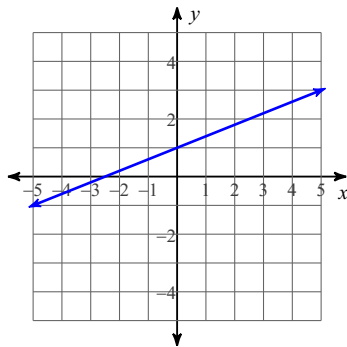
19) $y = 5x + 1$

20) $y = -\frac{1}{2}x - 3$

21)

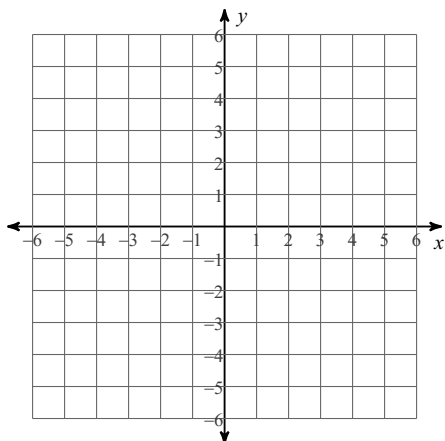


22)

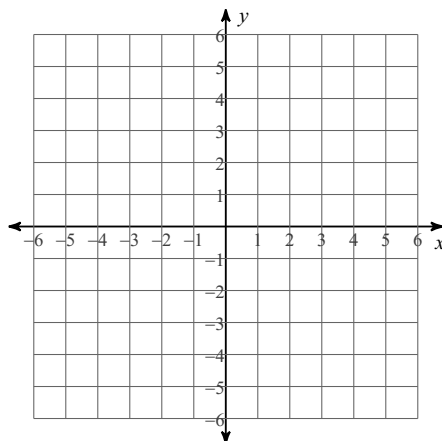


Sketch the graph of each linear inequality.

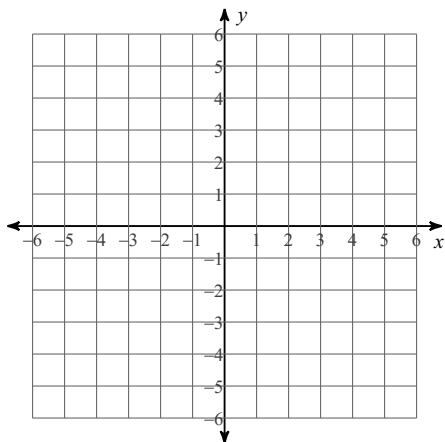
23) $y \leq -x - 4$



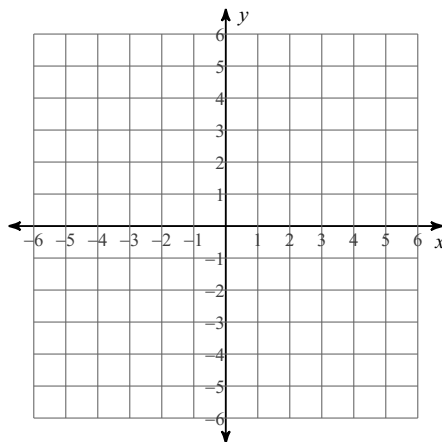
24) $y > 3x - 4$



25) $8x - 3y \leq -9$



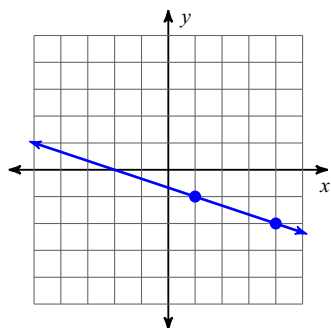
26) $3x + 2y > 10$



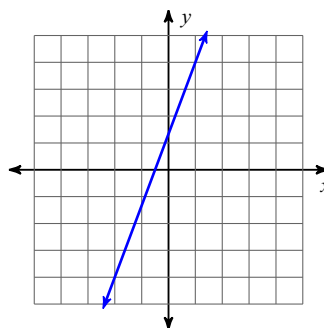
Linear Functions REVIEW

Find the slope of each line.

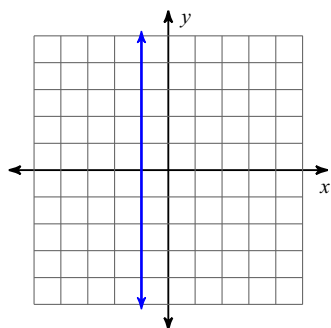
1) $-\frac{1}{3}$



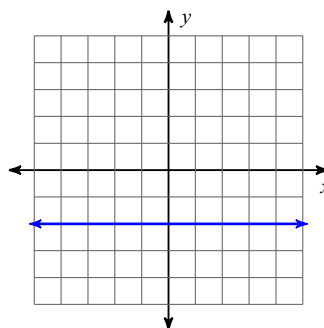
2) $\frac{8}{3}$



3) Undefined



4) 0



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

5) $(-1, 7), (-7, -16)$

$\frac{23}{6}$

6) $(7, 12), (-3, -8)$

2

7) $(11, -3), (11, 14)$

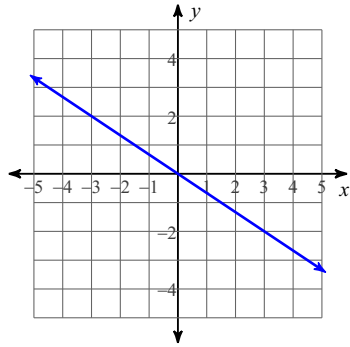
Undefined

8) $(9, -7), (-3, -7)$

0

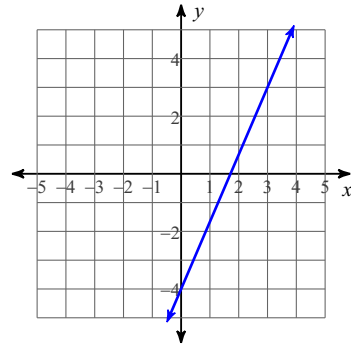
Write the slope-intercept form of the equation of each line.

9)



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

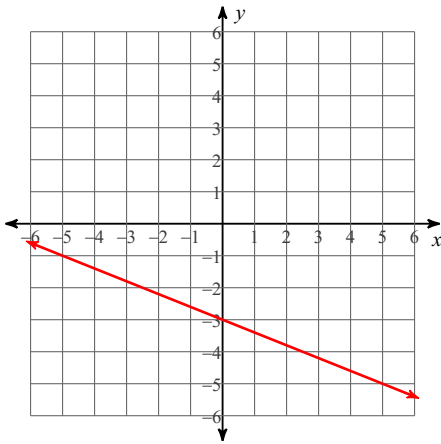
10)



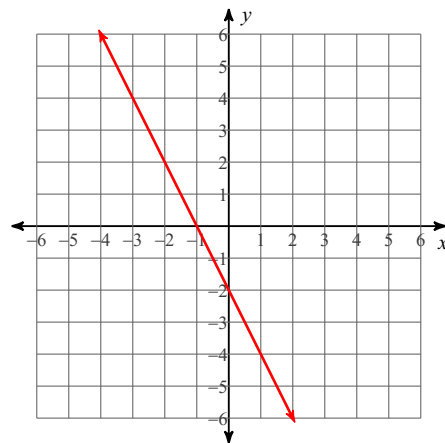
$$y = \frac{7}{3}x - 4$$

Sketch the graph of each line.

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



12) $y = -2x - 2$



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

13) $14x - y = 8$

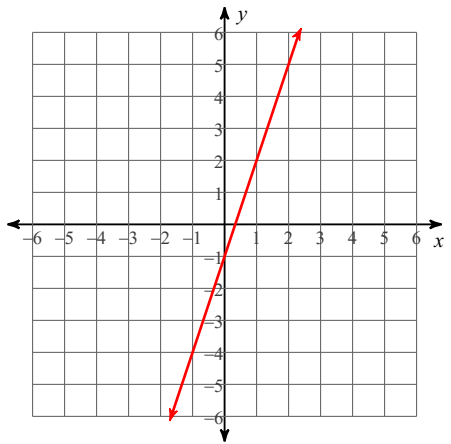
$$y = 14x - 8$$

14) $4x + 3y = -9$

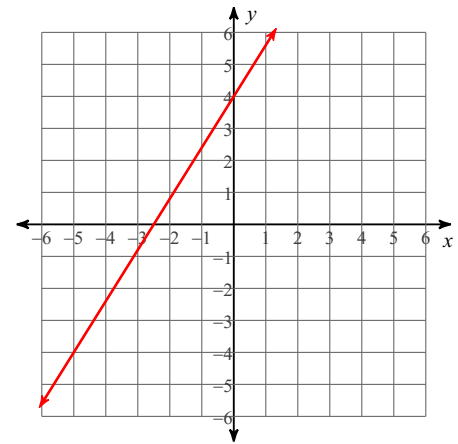
$$y = -\frac{4}{3}x - 3$$

Sketch the graph of each line.

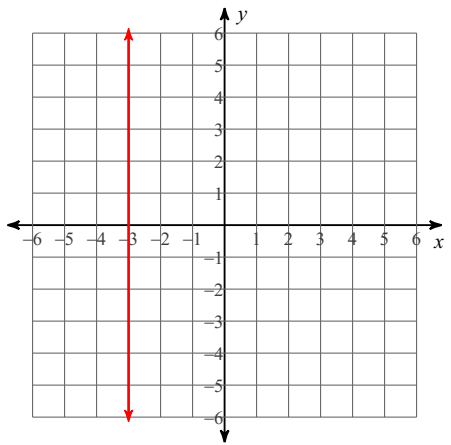
15) $3x - y = 1$



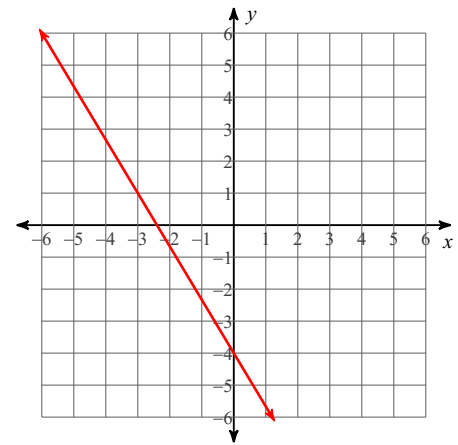
16) $8x - 5y = -20$



17) $x = -3$



18) $5x + 3y = -12$



Write the standard form of the equation of each line.

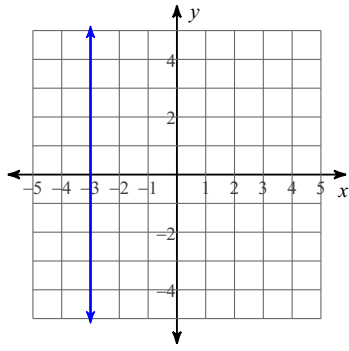
19) $y = 5x + 1$

$5x - y = -1$

20) $y = -\frac{1}{2}x - 3$

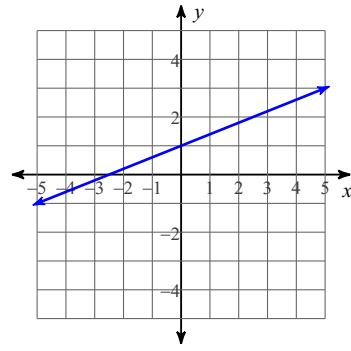
$x + 2y = -6$

21)



$x = -3$

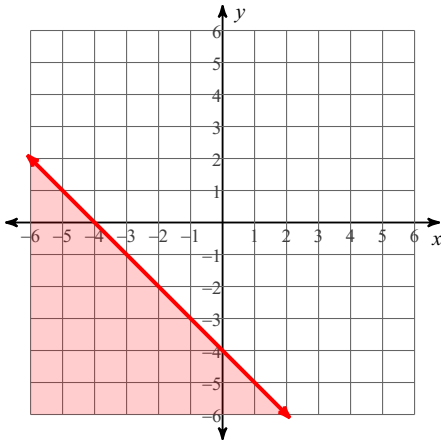
22)



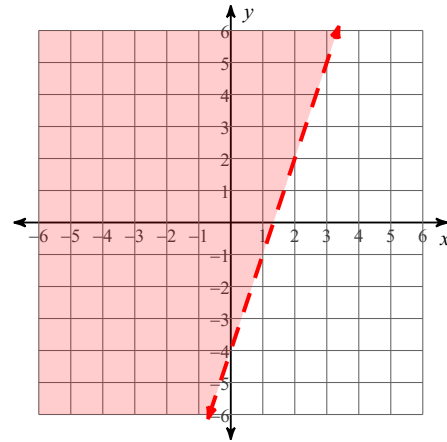
$2x - 5y = -5$

Sketch the graph of each linear inequality.

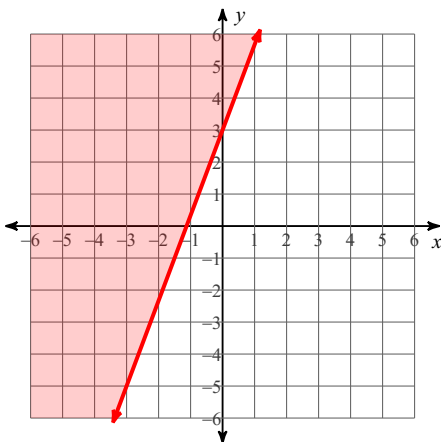
23) $y \leq -x - 4$



24) $y > 3x - 4$



25) $8x - 3y \leq -9$



26) $3x + 2y > 10$

