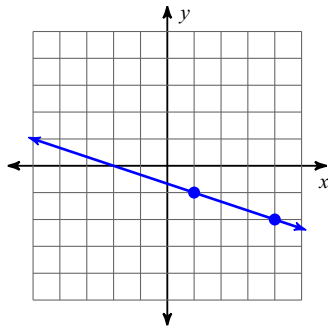


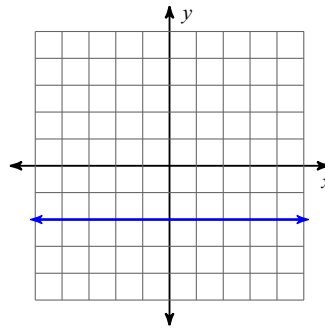
Linear Functions REVIEW

Find the slope of each line.

1)



2)



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

3) $(-1, 7), (-7, -16)$

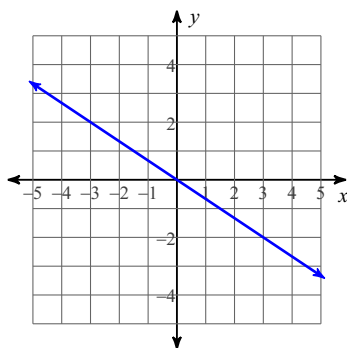
4) $(7, 12), (-3, -8)$

5) $(11, -3), (11, 14)$

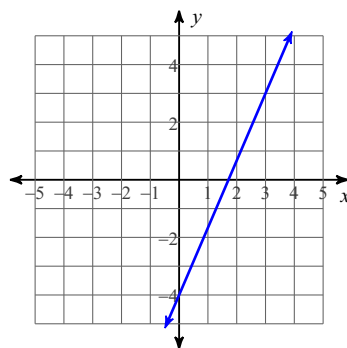
6) $(9, -7), (-3, -7)$

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

7)

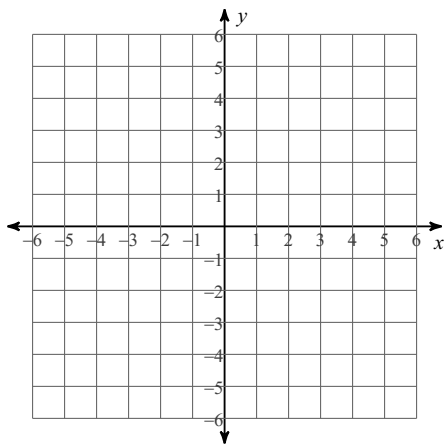


8)

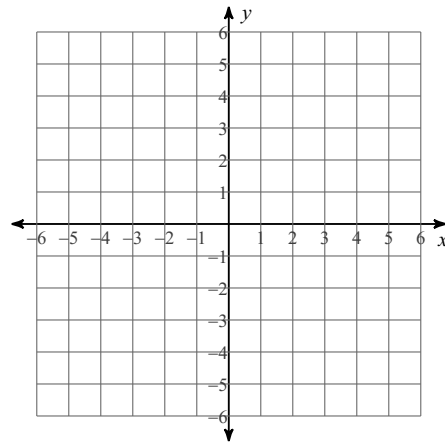


Sketch the graph of each line.

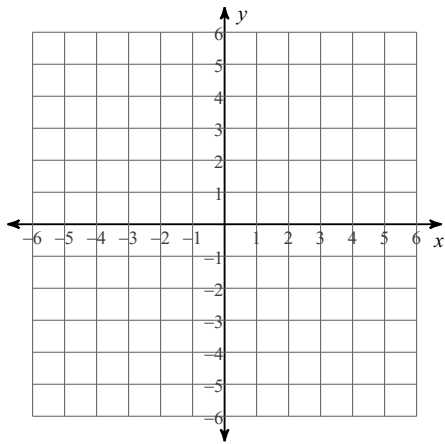
9) $y = -3x + 3$



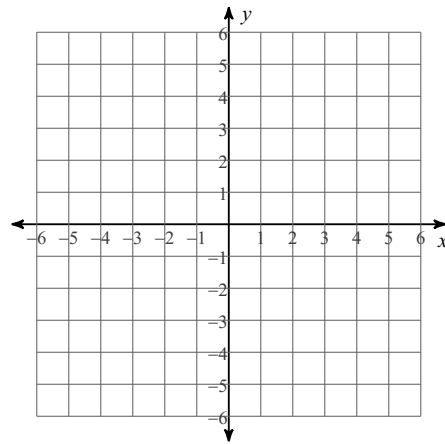
10) $y = \frac{3}{2}x$



11) $8x - 5y = -20$

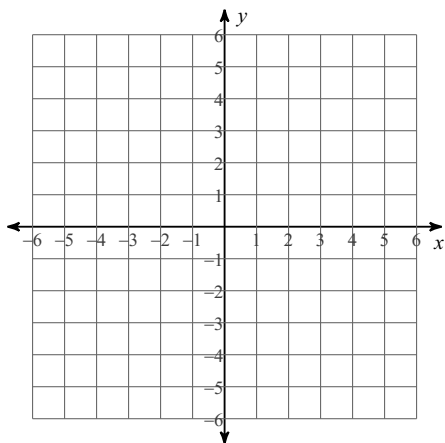


12) $5x + 3y = -12$

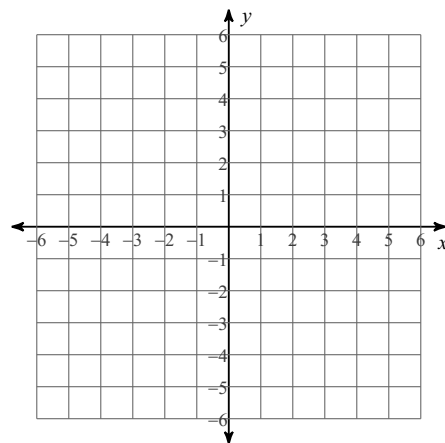


Sketch the graph of each linear inequality.

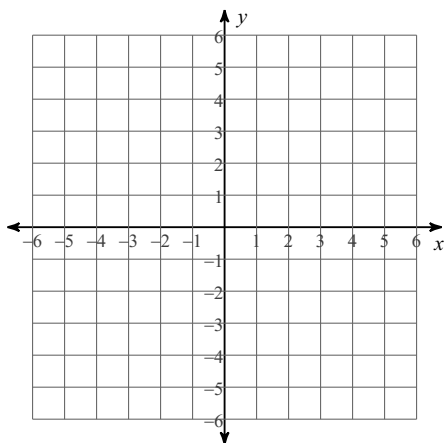
13) $y \leq -x - 4$



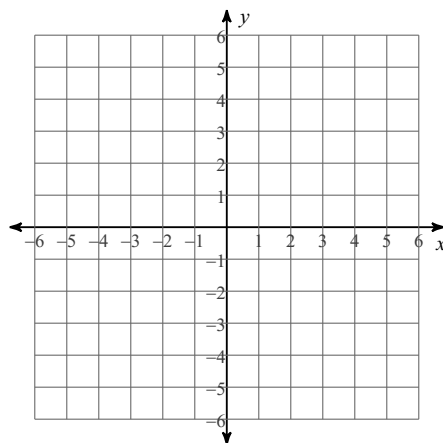
14) $y > 3x - 4$



15) $8x - 3y \leq -9$



16) $3x + 2y > 10$



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

17) through: $(2, 2)$, slope = $\frac{3}{2}$

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

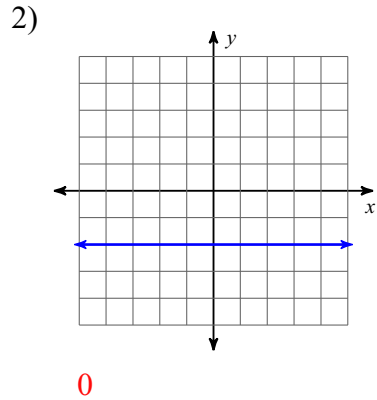
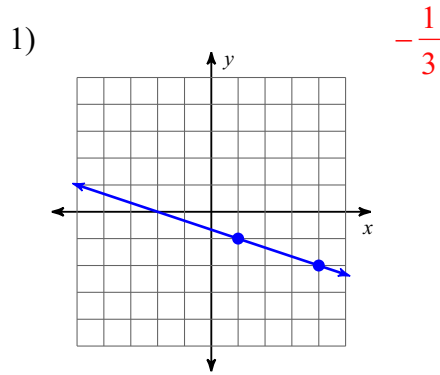
18) through: $(-3, -3)$ and $(-2, 1)$

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

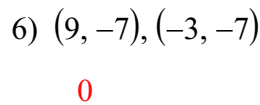
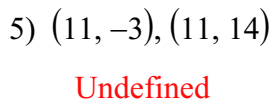
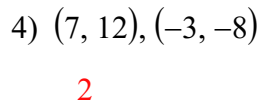
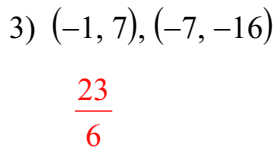
19) through: $(-3, 3)$, parallel to $y = \frac{2}{3}x - 2$

Linear Functions REVIEW

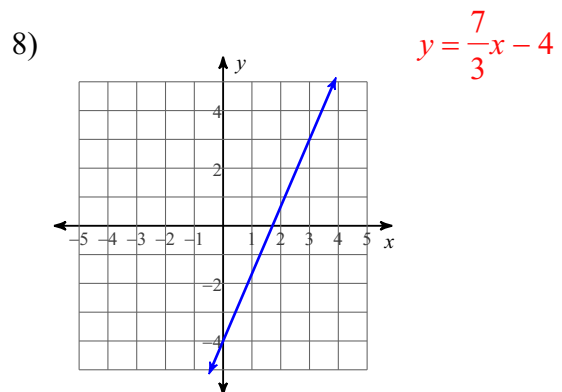
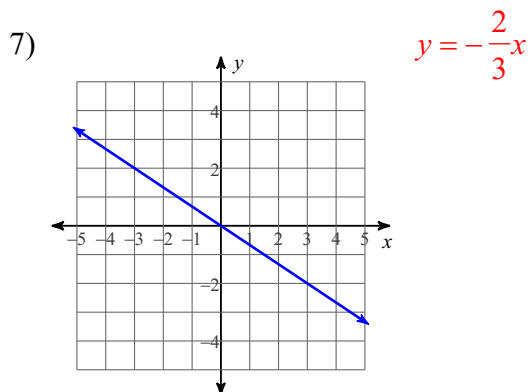
Find the slope of each line.



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

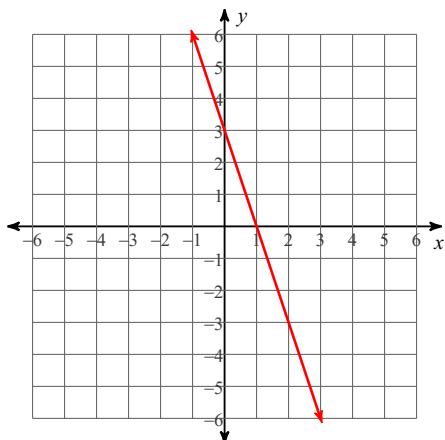


Write the slope-intercept form of the equation of each line.

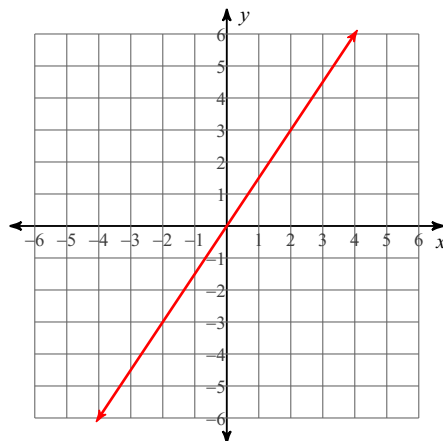


Sketch the graph of each line.

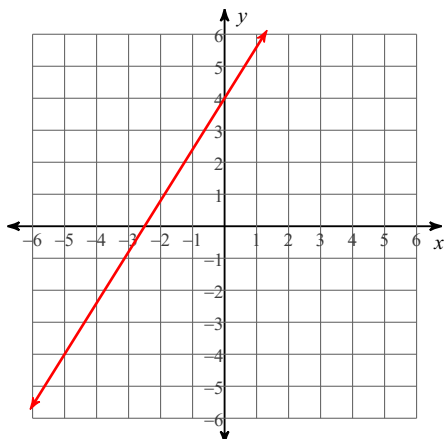
9) $y = -3x + 3$



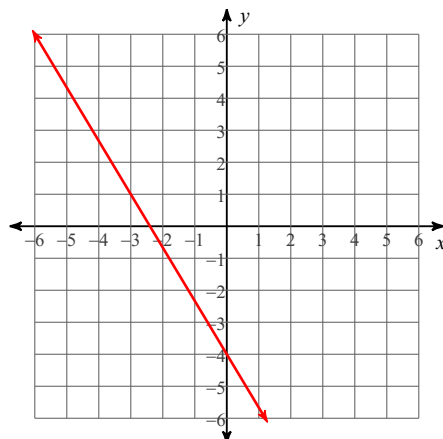
10) $y = \frac{3}{2}x$



11) $8x - 5y = -20$

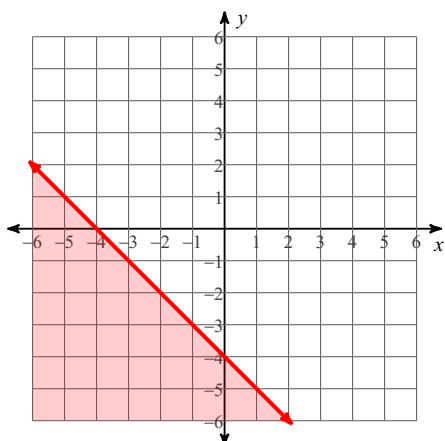


12) $5x + 3y = -12$

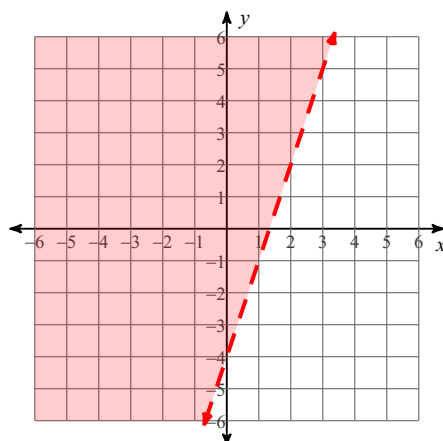


Sketch the graph of each linear inequality.

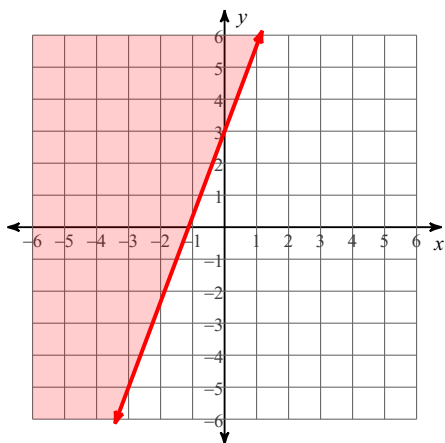
13) $y \leq -x - 4$



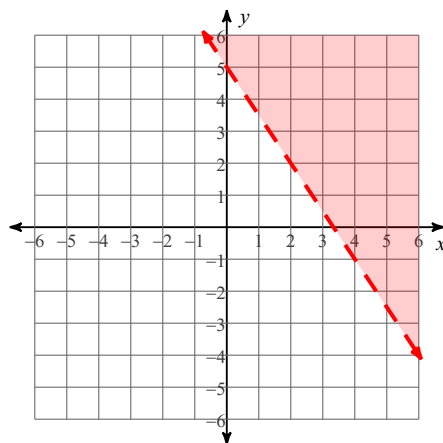
14) $y > 3x - 4$



15) $8x - 3y \leq -9$



16) $3x + 2y > 10$



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

17) through: $(2, 2)$, slope = $\frac{3}{2}$

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

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

18) through: $(-3, -3)$ and $(-2, 1)$

$$y = 4x + 9$$

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

19) through: $(-3, 3)$, parallel to $y = \frac{2}{3}x - 2$

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