

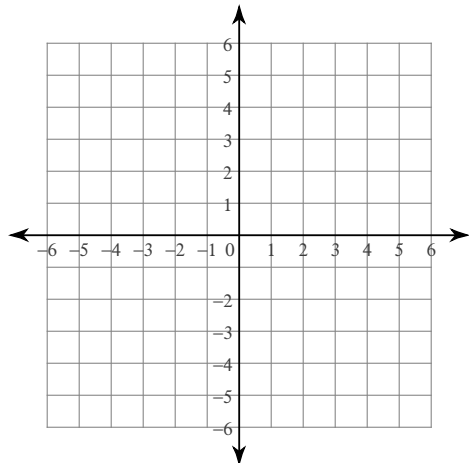
Chap 8 Practice Test, Ver 1

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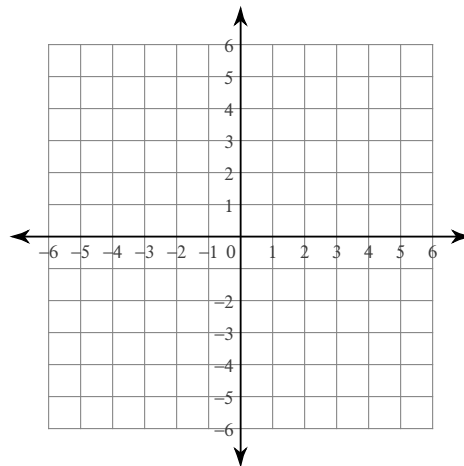
Date _____ Period _____

Sketch the graph of each line.

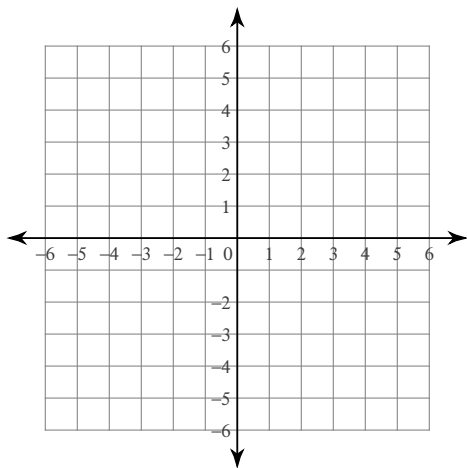
1) $x\text{-intercept} = -4, y\text{-intercept} = 5$



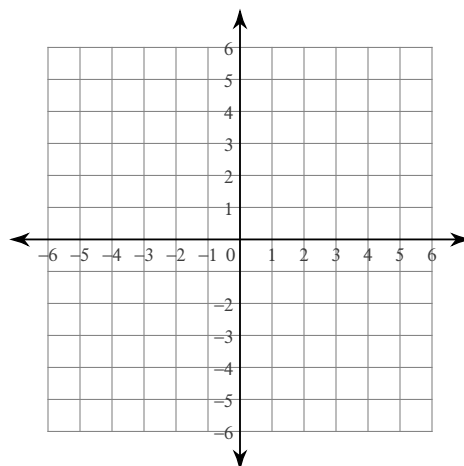
2) $y = \frac{4}{5}x - 4$



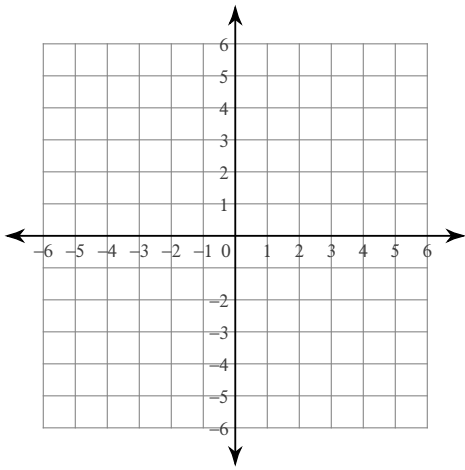
3) $y = x + 2$



4) $y = -\frac{3}{4}x - 2$



5) $2x + y = 0$



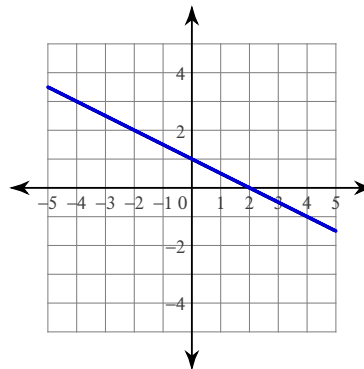
Write the slope-intercept form of the equation of each line given the slope and y-intercept.

6) Slope = -5 , y-intercept = 1

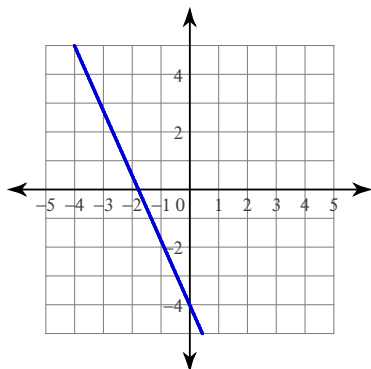
Write the slope-intercept form of the equation of each line.

7) $x + 4y = 12$

8)



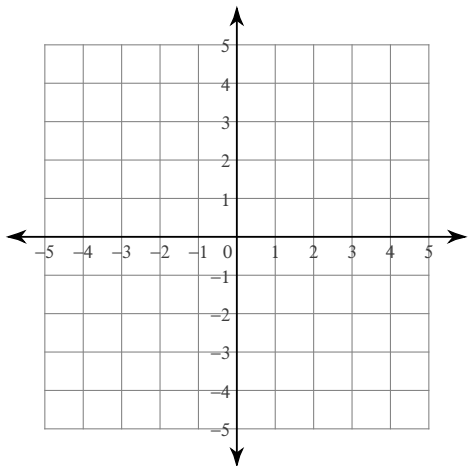
9)



Solve each system by graphing.

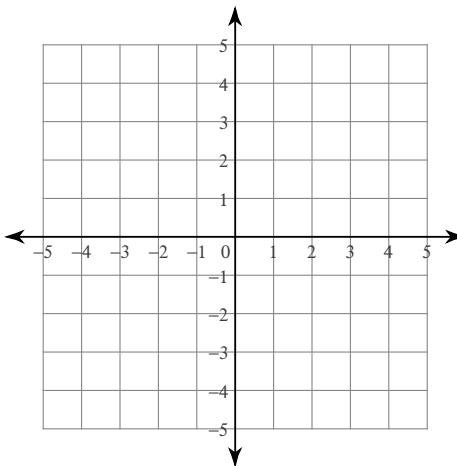
10) $y = \frac{3}{2}x + 1$

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



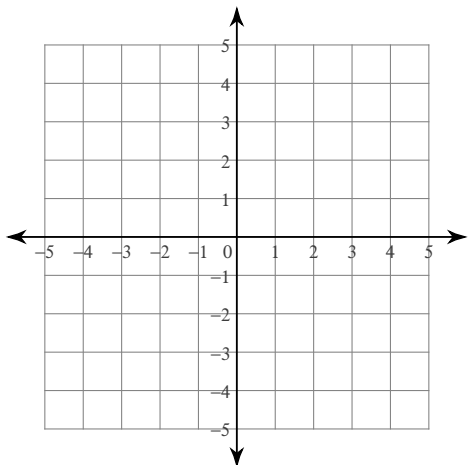
11) $y = -\frac{7}{4}x - 3$

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



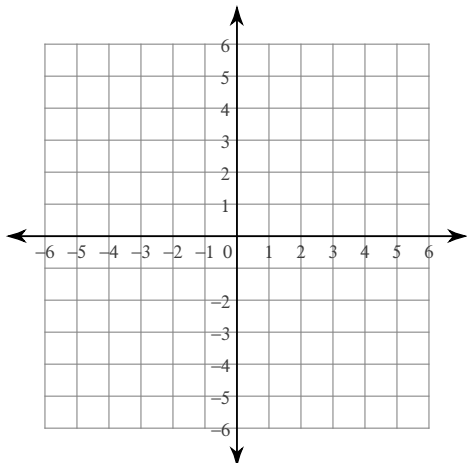
12) $x + y = 3$

$x - y = -1$

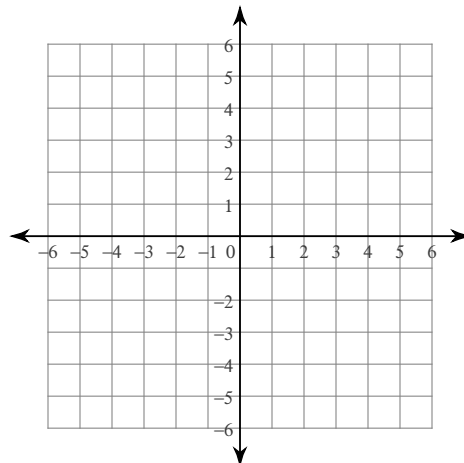


Sketch the graph of each linear inequality.

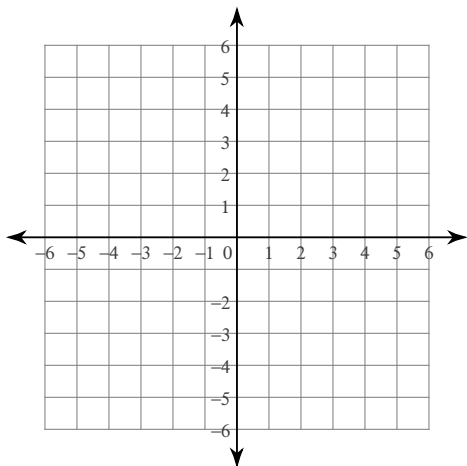
13) $y > -\frac{3}{2}x - 1$



14) $y \geq -\frac{9}{4}x - 4$



15) $3x + 2y \geq -4$



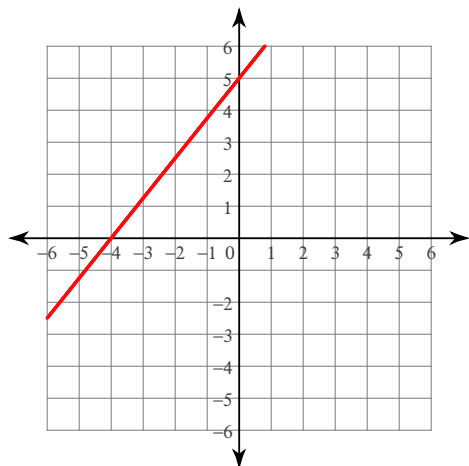
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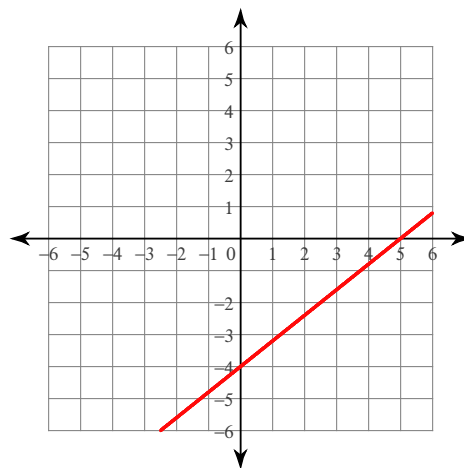
Date _____ Period _____

Sketch the graph of each line.

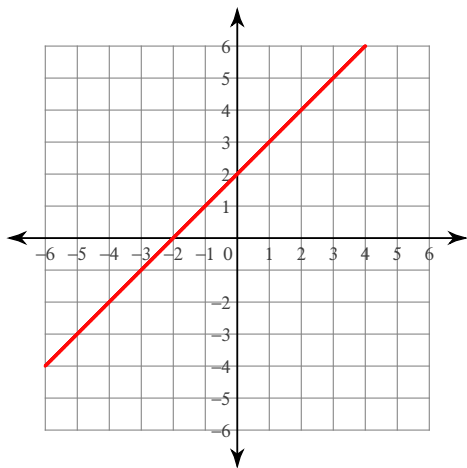
1) $x\text{-intercept} = -4, y\text{-intercept} = 5$



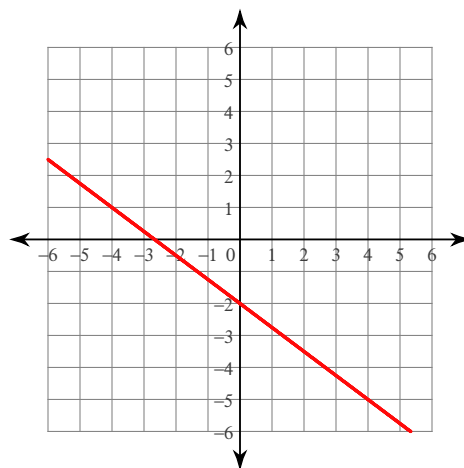
2) $y = \frac{4}{5}x - 4$



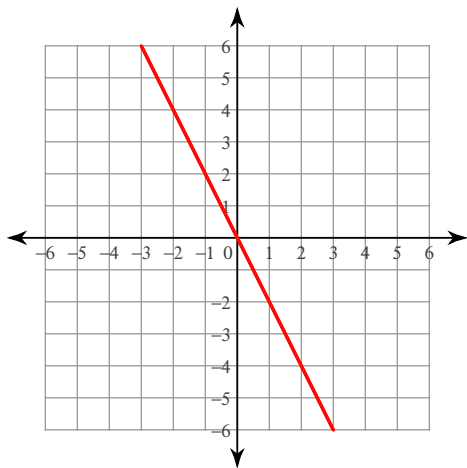
3) $y = x + 2$



4) $y = -\frac{3}{4}x - 2$



5) $2x + y = 0$



Write the slope-intercept form of the equation of each line given the slope and y-intercept.

6) Slope = -5 , y-intercept = 1

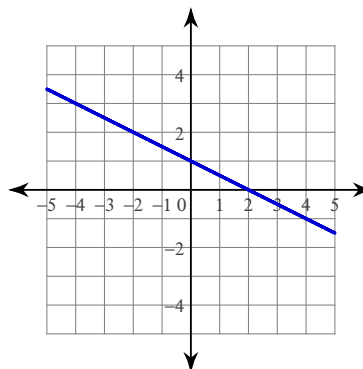
$y = -5x + 1$

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

7) $x + 4y = 12$ $y = -\frac{1}{4}x + 3$

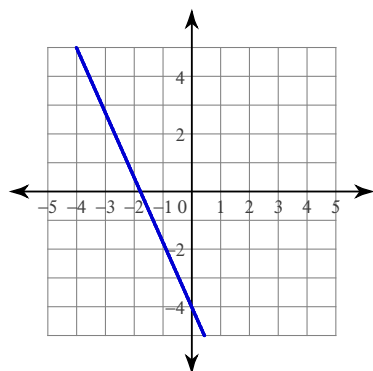
8)

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



9)

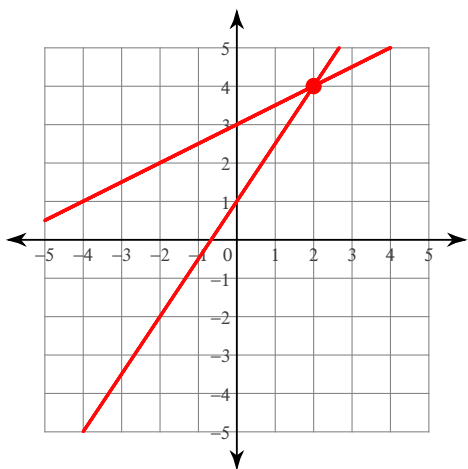
$y = -\frac{9}{4}x - 4$



Solve each system by graphing.

10) $y = \frac{3}{2}x + 1$

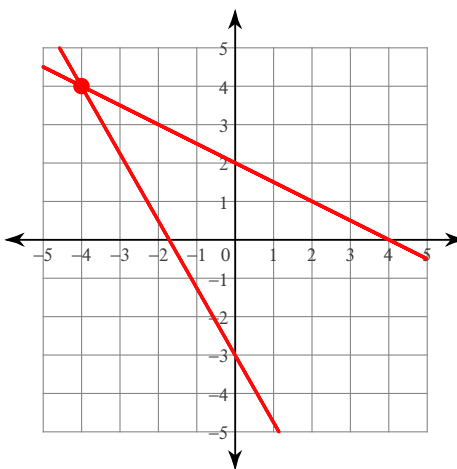
$y = \frac{1}{2}x + 3$



(2, 4)

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

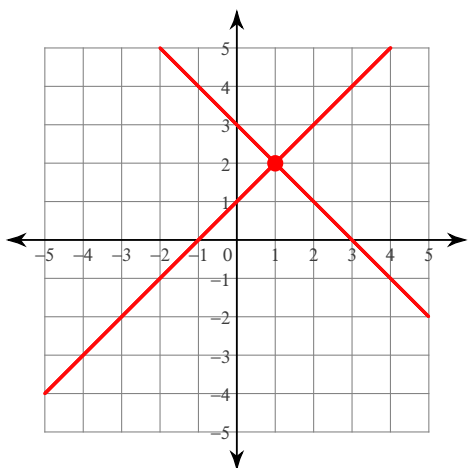
$y = -\frac{1}{2}x + 2$



(-4, 4)

12) $x + y = 3$

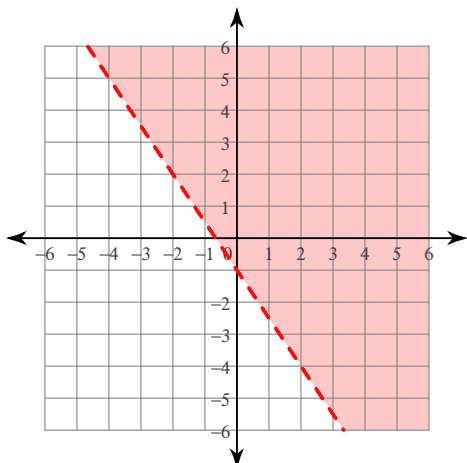
$x - y = -1$



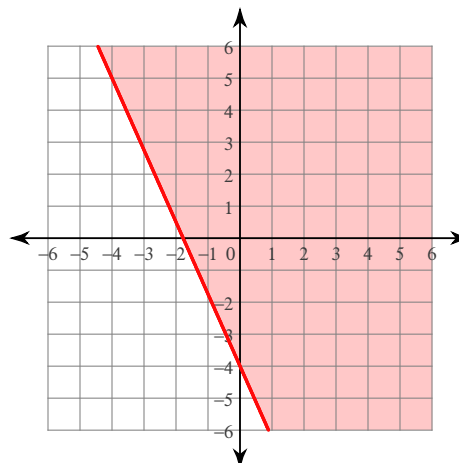
(1, 2)

Sketch the graph of each linear inequality.

13) $y > -\frac{3}{2}x - 1$



14) $y \geq -\frac{9}{4}x - 4$



15) $3x + 2y \geq -4$

