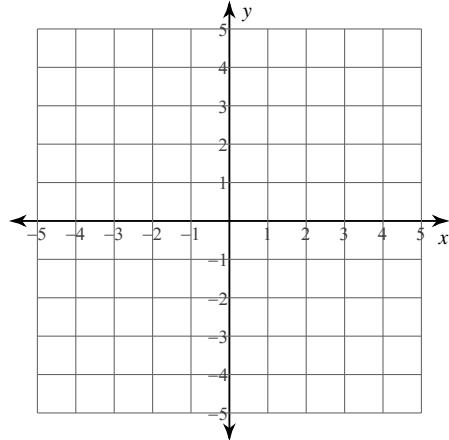


Homework 21.3

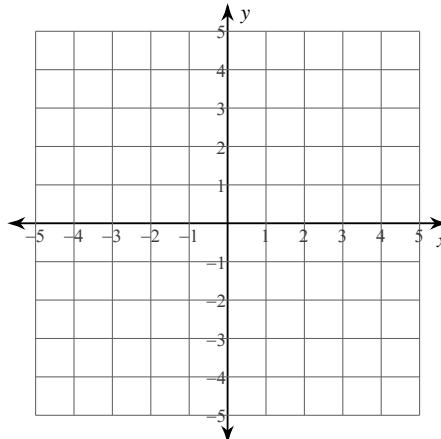
Sketch the solution to each system of inequalities.

1) $y \geq -\frac{1}{2}x - 2$

$y \geq 2x + 3$

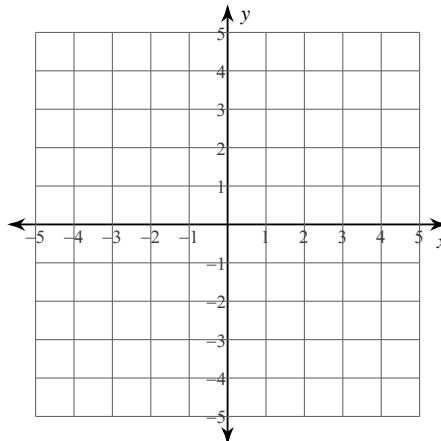
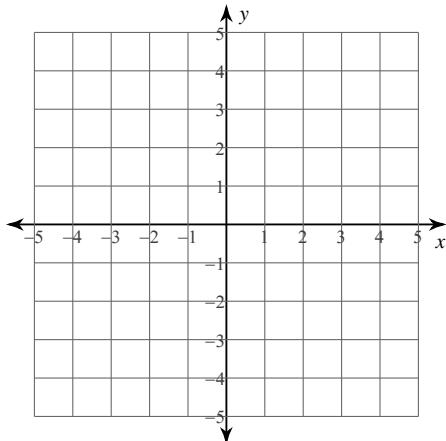


2) $y < -x + 3$
 $x < 1$



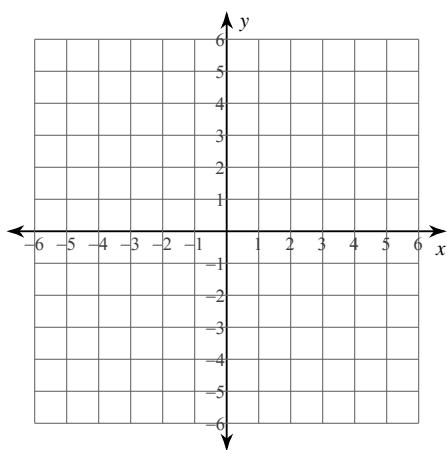
3) $4x - y > 2$
 $y \leq 2$

4) $x - 3y > 3$
 $x + 3y > -9$

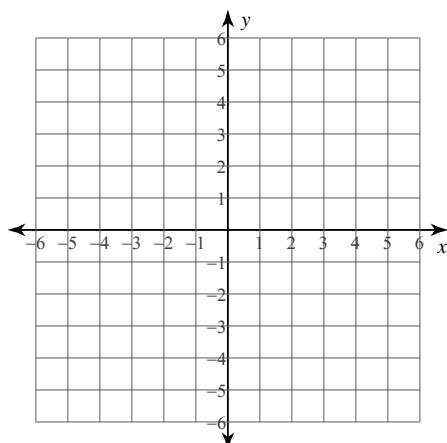


Sketch the graph of each line.

5) $y = -x + 2$

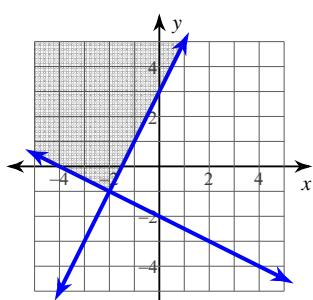


6) $y = -\frac{1}{5}x + 3$

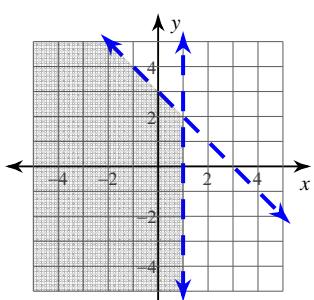


Answers to Homework 21.3

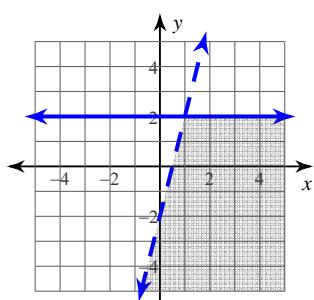
1)



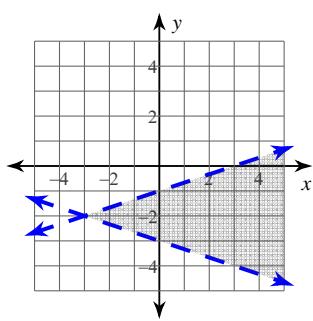
2)



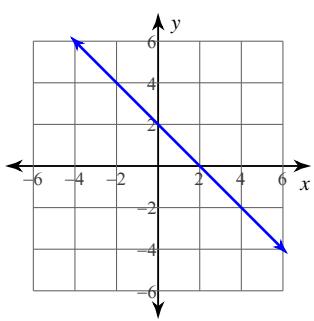
3)



4)



5)



6)

