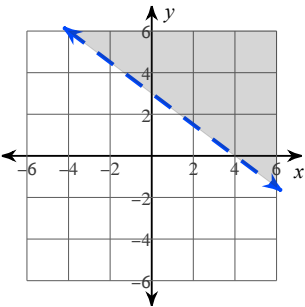


Unit 5 Test

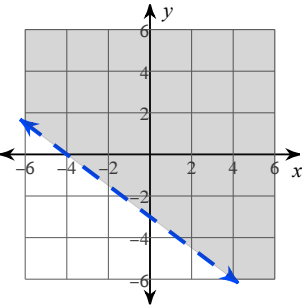
Sketch the graph of each linear inequality.

1) $y < -\frac{3}{4}x - 3$

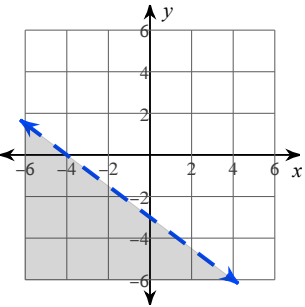
A)



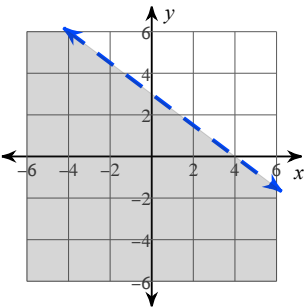
B)



C)

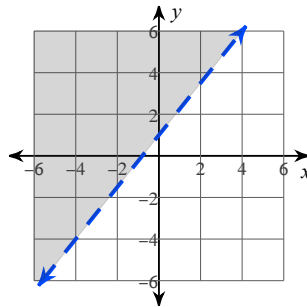


D)

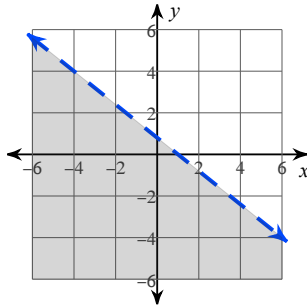


2) $y > \frac{5}{4}x - 1$

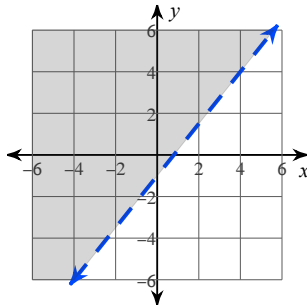
A)



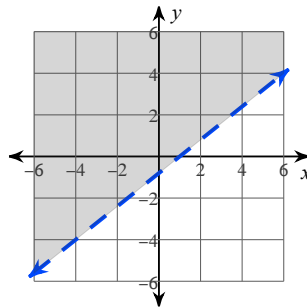
B)



C)

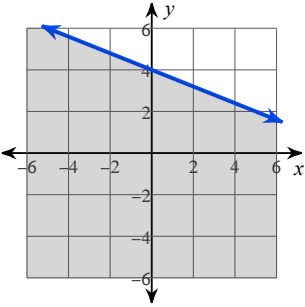


D)

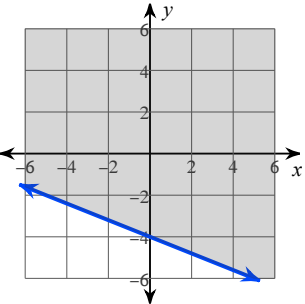


$$3) y \geq -\frac{2}{5}x - 4$$

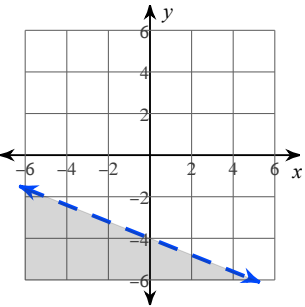
A)



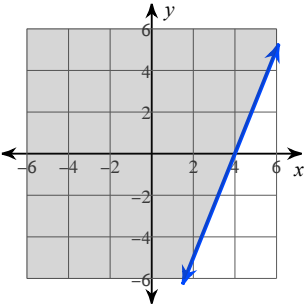
B)



C)

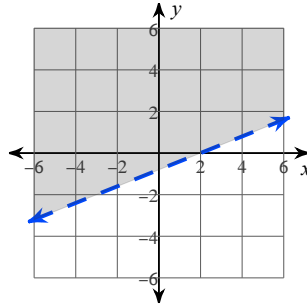


D)

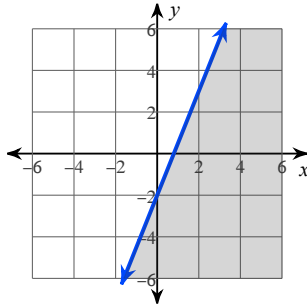


$$4) y \leq \frac{5}{2}x - 2$$

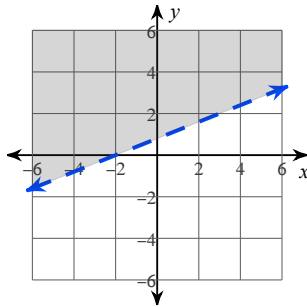
A)



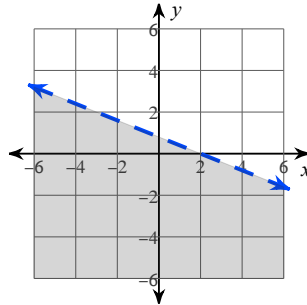
B)



C)

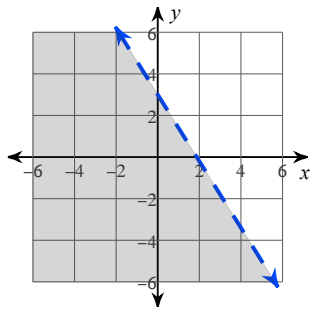


D)

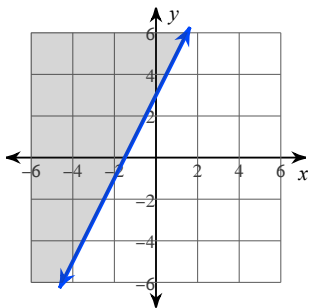


$$5) y > -\frac{8}{5}x + 3$$

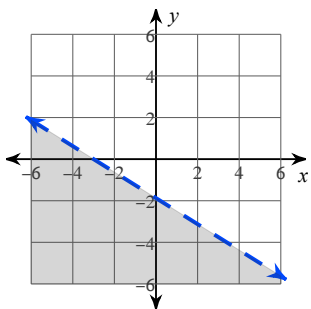
A)



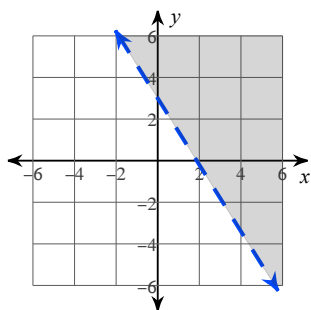
B)



C)

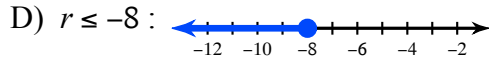
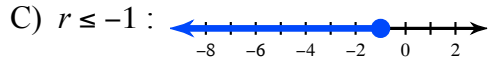
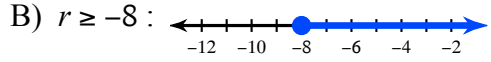
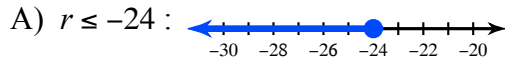


D)

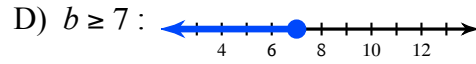
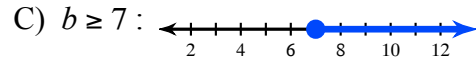
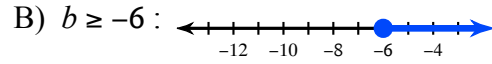
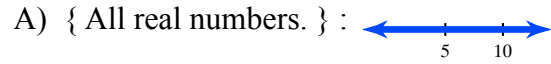


Solve each inequality and graph its solution.

6) $-6(7 - 6r) - 8 \geq -338$



7) $-6(3b + 4) \leq -150$

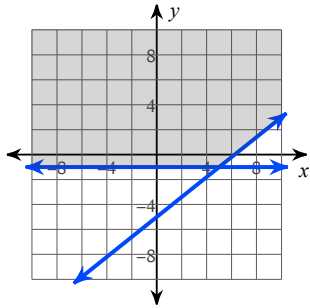


Sketch the solution to each system of inequalities.

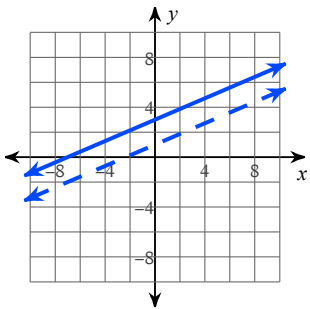
$$8) y < \frac{10}{3}x - 6$$

$$y < \frac{10}{3}x - 3$$

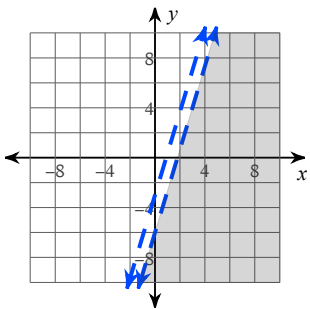
A)



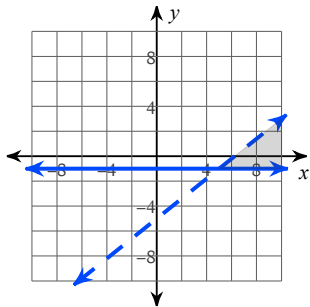
B)



C)



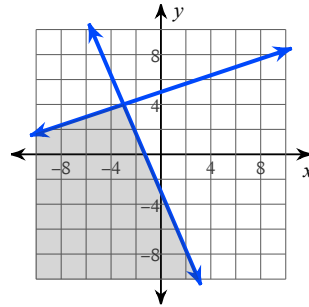
D)



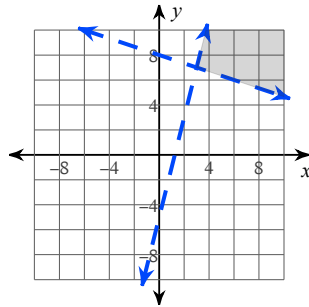
$$9) y > -\frac{1}{3}x + 8$$

$$y < 4x - 5$$

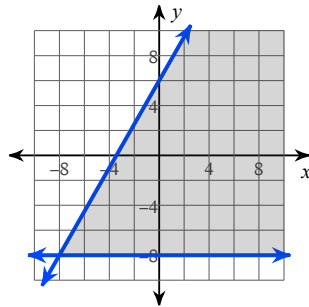
A)



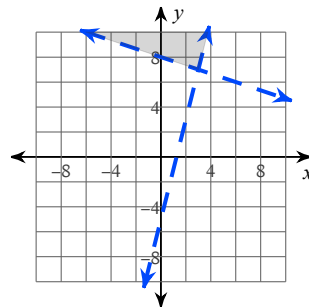
B)



C)

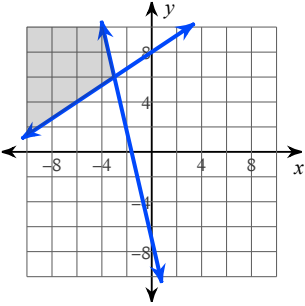


D)

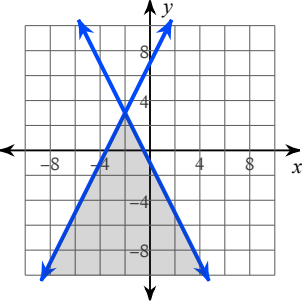


10) $y > 2x + 7$
 $y \leq -2x - 1$

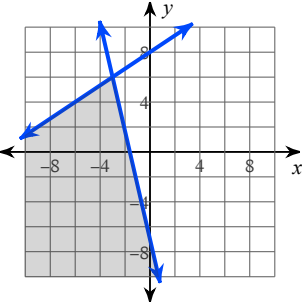
A)



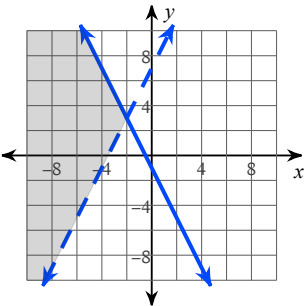
B)



C)

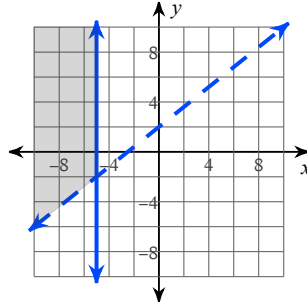


D)

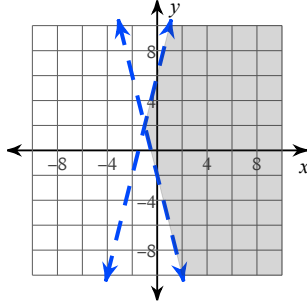


11) $y > -4x - 2$
 $y < 4x + 6$

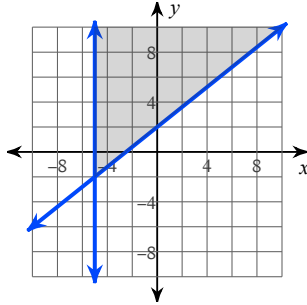
A)



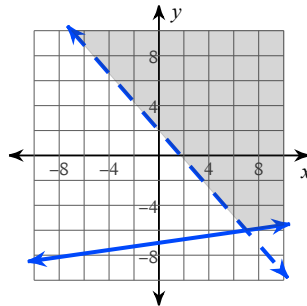
B)



C)

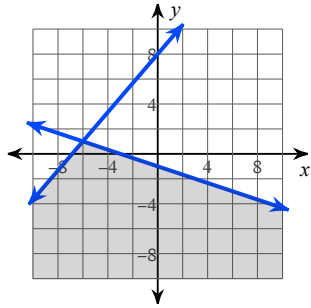


D)

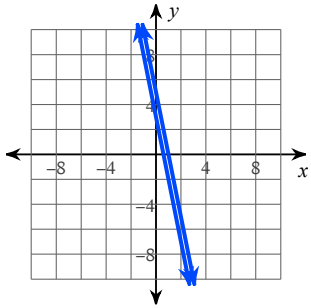


12) $y \geq -5x + 5$
 $y \leq -5x + 3$

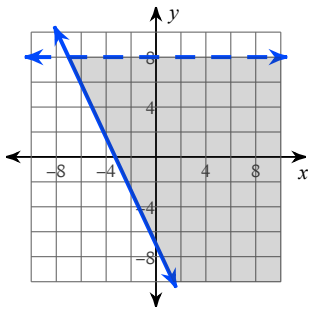
A)



B)



C)



D)

