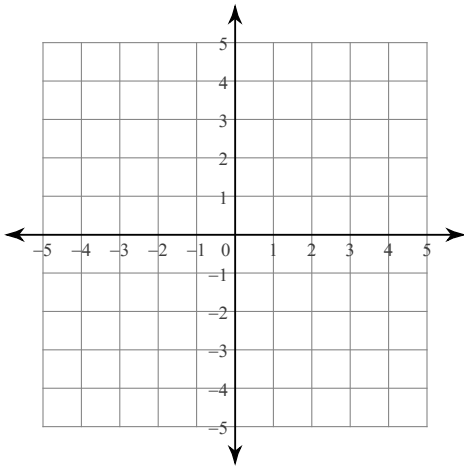


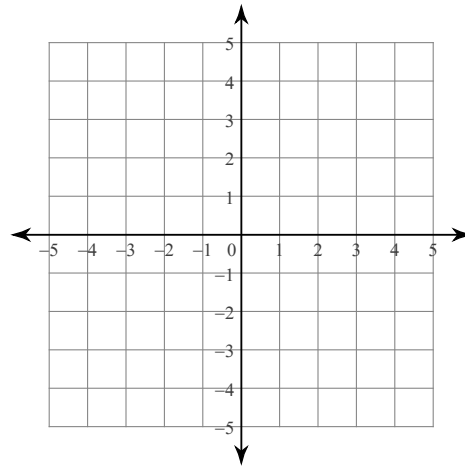
## Corrective Assignment 8.5 Systems of Inequalities

Sketch the solution to each system of inequalities.

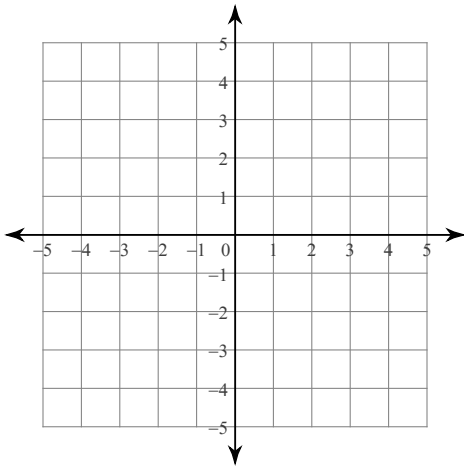
$$\begin{aligned} 1) \quad & y \geq x - 3 \\ & y > -x + 1 \end{aligned}$$



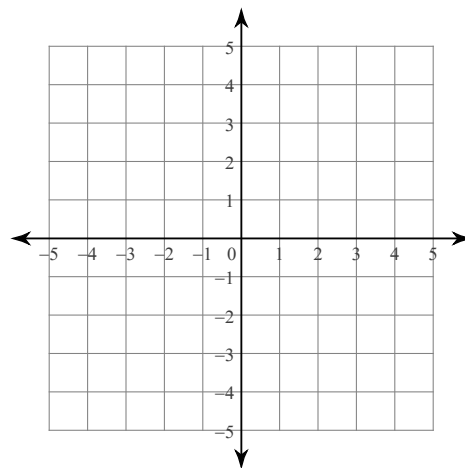
$$\begin{aligned} 2) \quad & y \leq -4x + 2 \\ & y < x - 3 \end{aligned}$$



$$\begin{aligned} 3) \quad & y \leq 2 \\ & y \leq -\frac{3}{2}x - 1 \end{aligned}$$

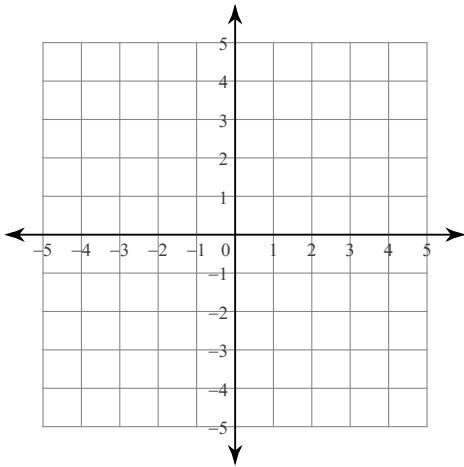


$$\begin{aligned} 4) \quad & y \geq \frac{1}{2}x + 3 \\ & y \geq -\frac{3}{2}x - 1 \end{aligned}$$



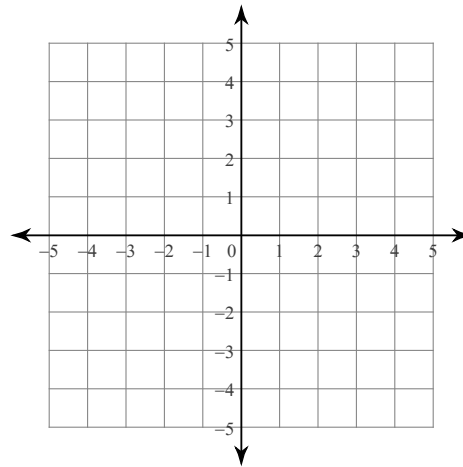
$$5) y \leq \frac{1}{3}x + 3$$

$$y > -x - 1$$



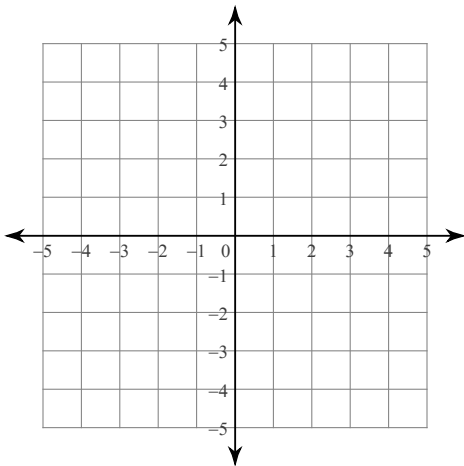
$$6) y \geq \frac{1}{3}x - 3$$

$$y > \frac{1}{3}x + 3$$



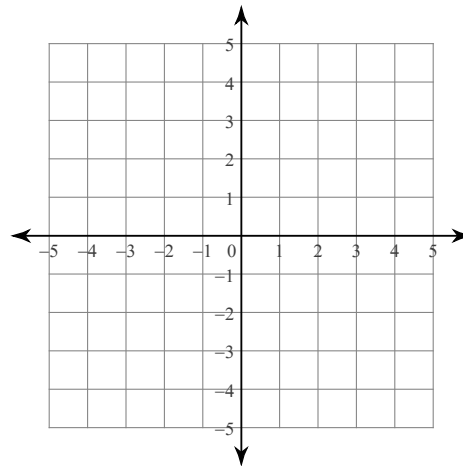
$$7) 4x - y \leq -1$$

$$4x - y > 1$$



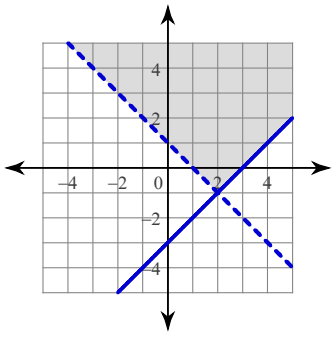
$$8) 2x + 3y \leq 9$$

$$2x + 3y \leq -9$$

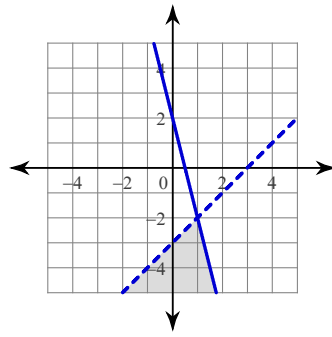


# Answers to Corrective Assignment 8.5 Systems of Inequalities

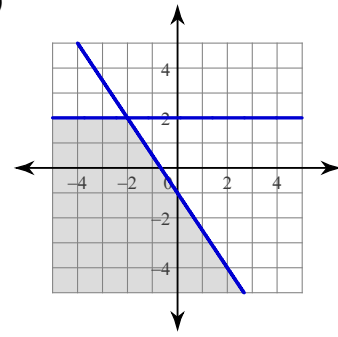
1)



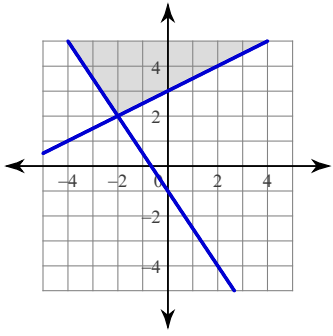
2)



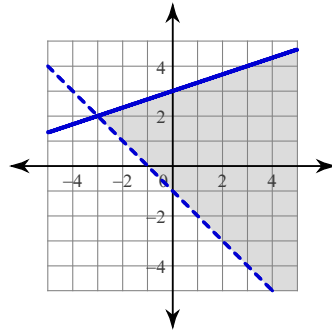
3)



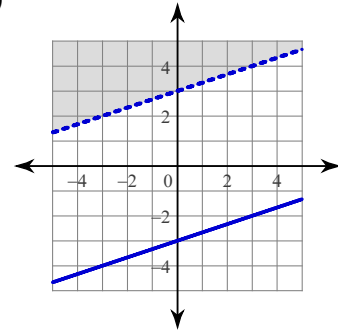
4)



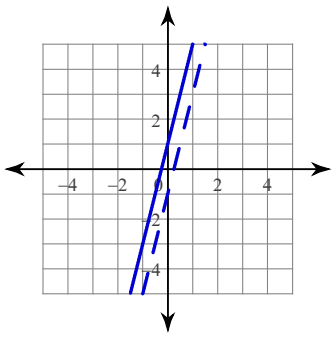
5)



6)



7)



8)

