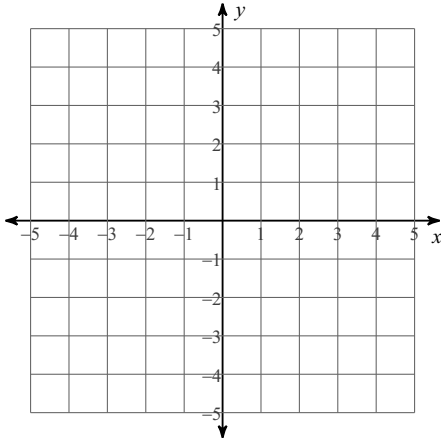


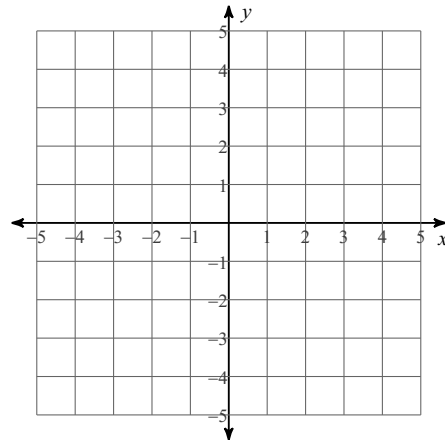
# Systems of Inequalities

Sketch the solution to each system of inequalities.

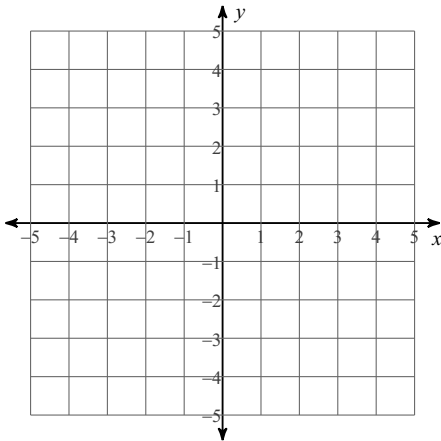
1)  $y < -\frac{1}{2}x - 2$   
 $y \geq -2x + 1$



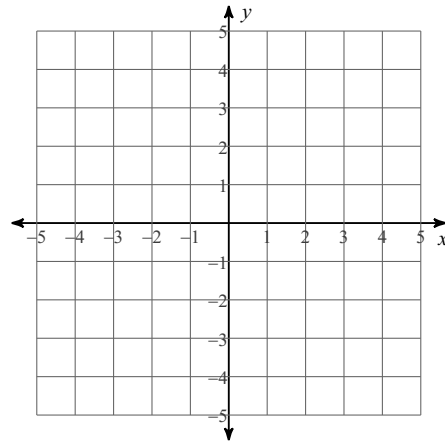
2)  $y > -\frac{4}{3}x - 3$   
 $y < \frac{1}{3}x + 2$



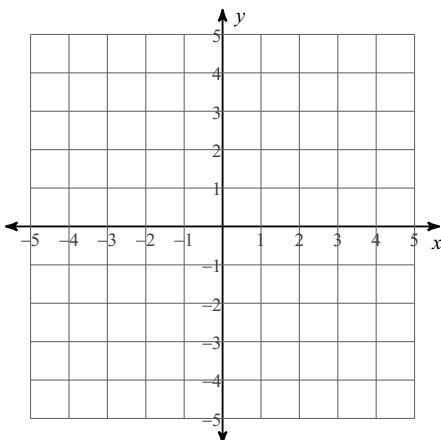
3)  $y < -2x + 1$   
 $y < x - 2$



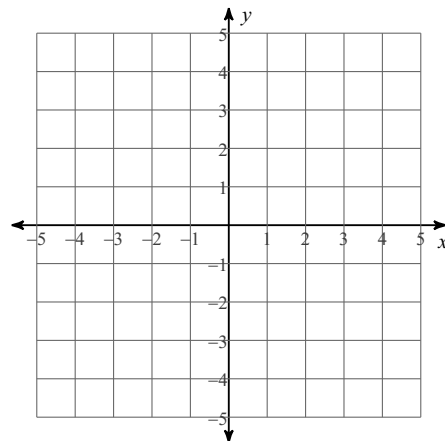
4)  $y < 3$   
 $y < -x + 2$



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

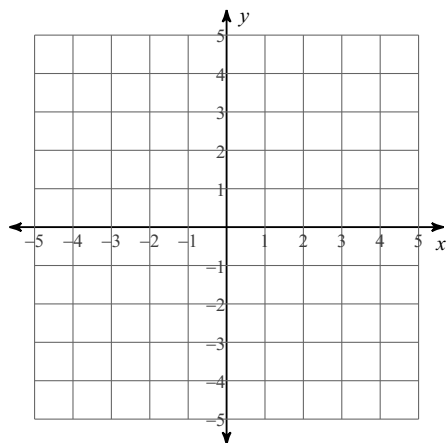


6)  $y > 4x + 1$   
 $y \leq x - 2$



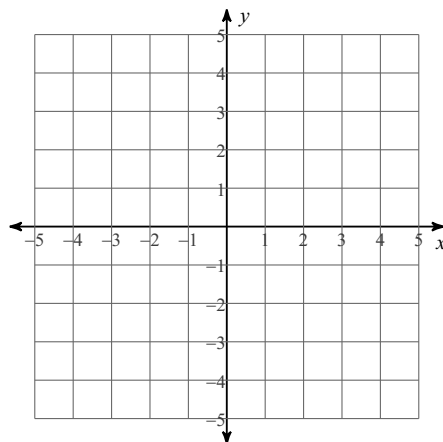
$$7) y \leq -\frac{5}{3}x - 3$$

$$y \geq -\frac{1}{3}x + 1$$



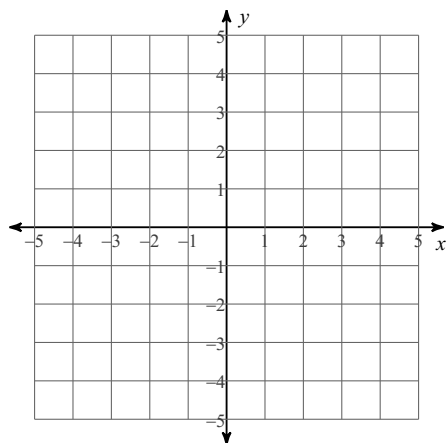
$$8) y \leq -5x + 2$$

$$y < -x - 2$$



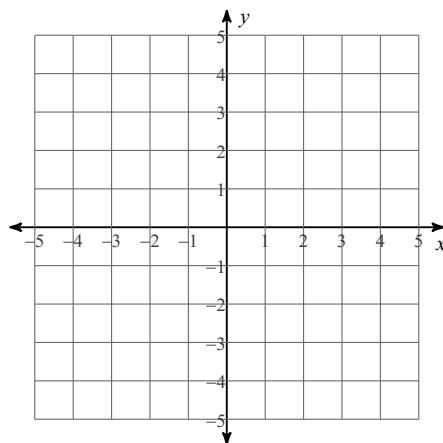
$$9) y \leq -2x - 3$$

$$y \geq -1$$



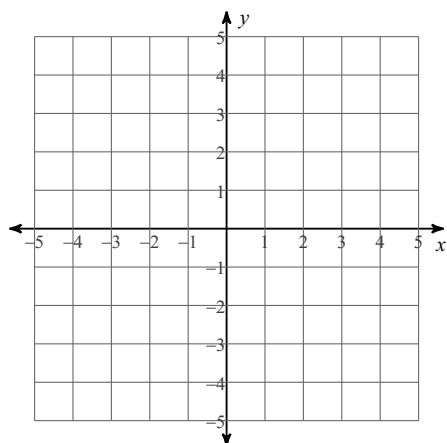
$$10) y \leq -6x + 3$$

$$y \leq -x - 2$$



$$11) y \geq \frac{2}{3}x + 1$$

$$x < 3$$



$$12) y \geq \frac{1}{3}x - 2$$

$$y < 2x + 3$$

