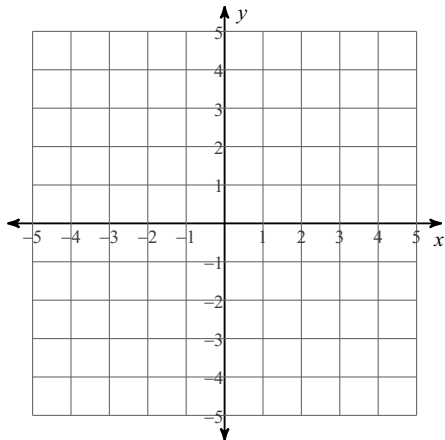


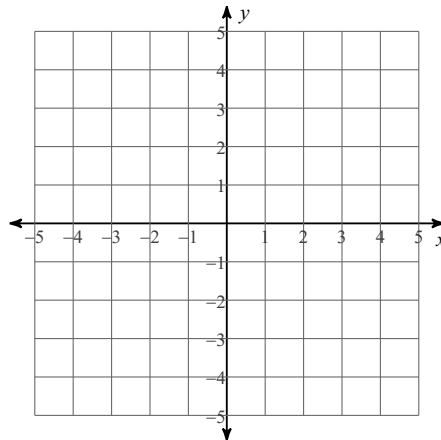
Unit 3.5 Practice Systems of linear inequalities

Sketch the solution to each system of inequalities.

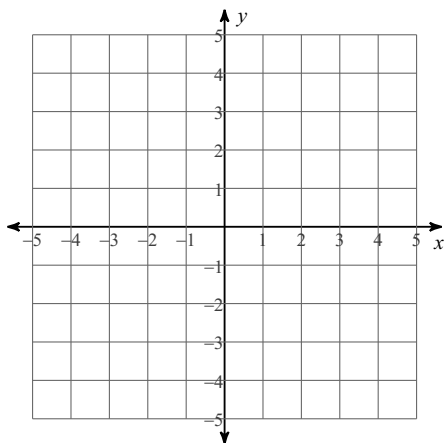
$$\begin{aligned} 1) \quad & y > x + 2 \\ & y \leq 6x - 3 \end{aligned}$$



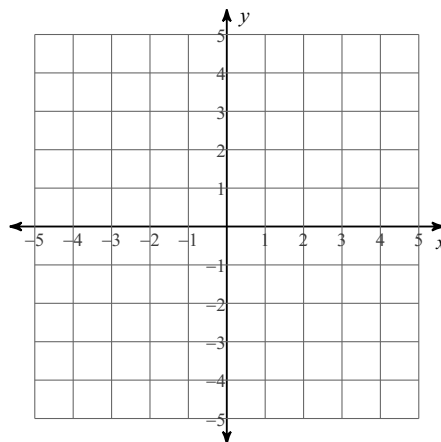
$$\begin{aligned} 2) \quad & y > 1 \\ & y < -2x - 3 \end{aligned}$$



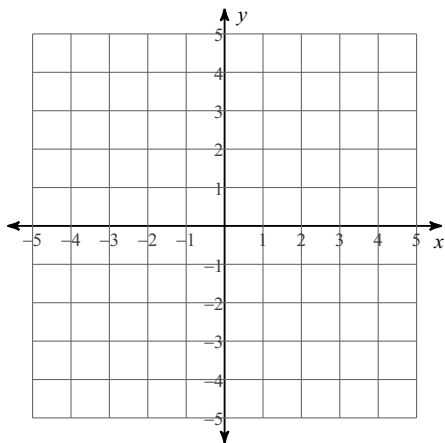
$$\begin{aligned} 3) \quad & y \leq \frac{5}{3}x + 3 \\ & y > -2 \end{aligned}$$



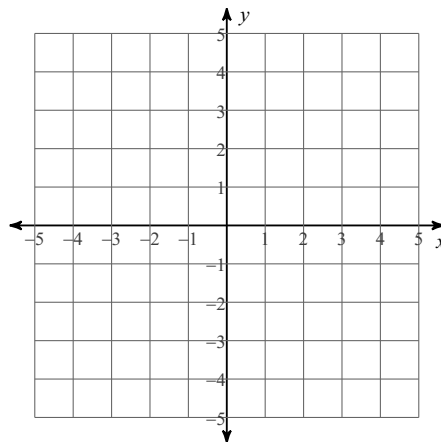
$$\begin{aligned} 4) \quad & y \leq -x + 1 \\ & y < -5x - 3 \end{aligned}$$



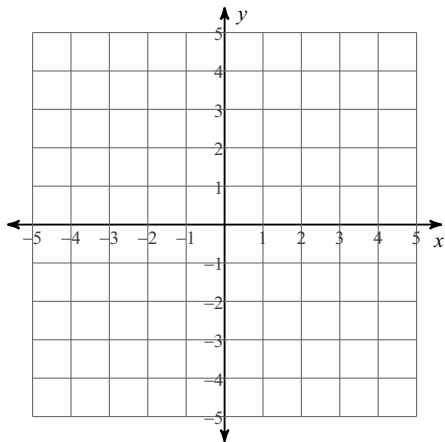
$$\begin{aligned} 5) \quad & y \leq 3 \\ & y < -x + 2 \end{aligned}$$



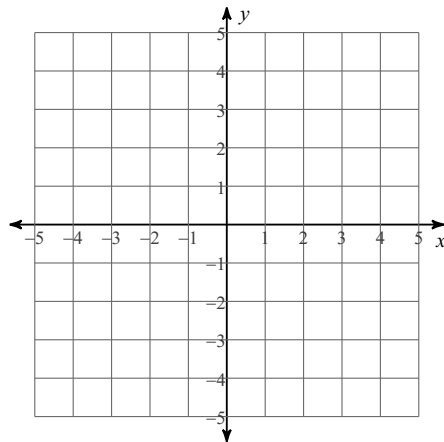
$$\begin{aligned} 6) \quad & y > \frac{1}{3}x + 1 \\ & y \leq -\frac{1}{3}x + 3 \end{aligned}$$



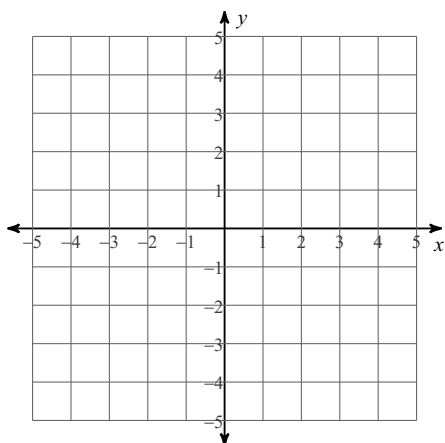
7) $y > -3$
 $6x + y \leq 3$



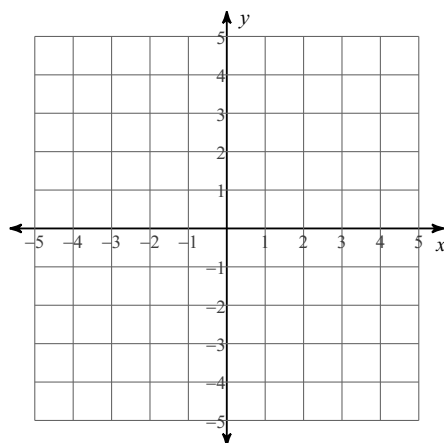
8) $x - y > 2$
 $3x + y > 2$



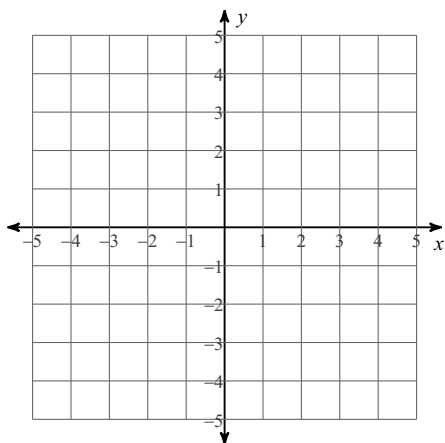
9) $x + 2y \leq 2$
 $2x + y \leq -2$



10) $x < -3$
 $2x - 3y < 3$



11) $x - y < 3$
 $5x + y < 3$



12) $x + y > 1$
 $x - y \leq -3$

