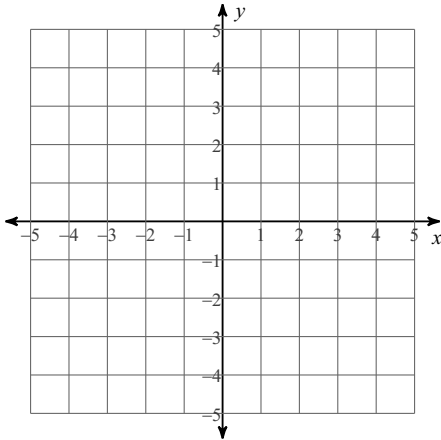


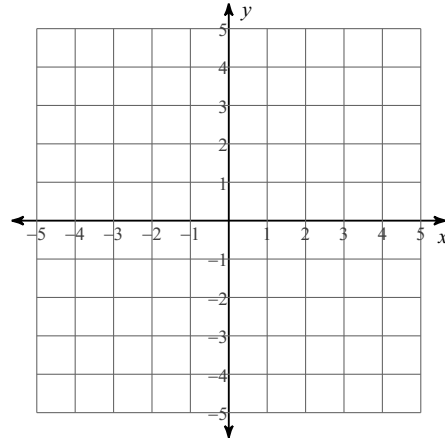
## 5-6 Solving Systems of Inequalities

Graph to solve each system of inequalities.

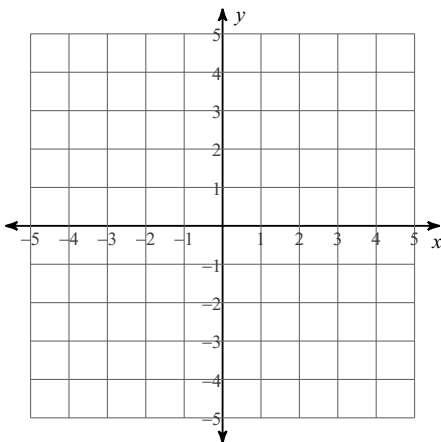
$$1) \begin{cases} y > -4x - 3 \\ y \leq 2x + 3 \end{cases}$$



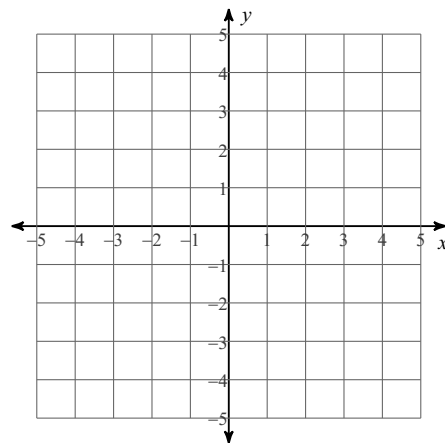
$$2) \begin{cases} y < -2x + 2 \\ y < \frac{1}{2}x - 3 \end{cases}$$



$$3) \begin{cases} y \leq 2 \\ y \geq 5x - 3 \end{cases}$$

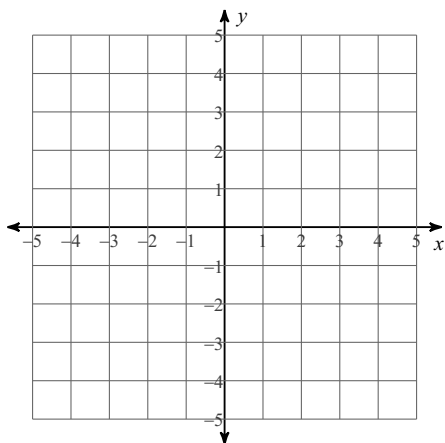


$$4) \begin{cases} y > 2 \\ y \geq -\frac{4}{3}x - 2 \end{cases}$$



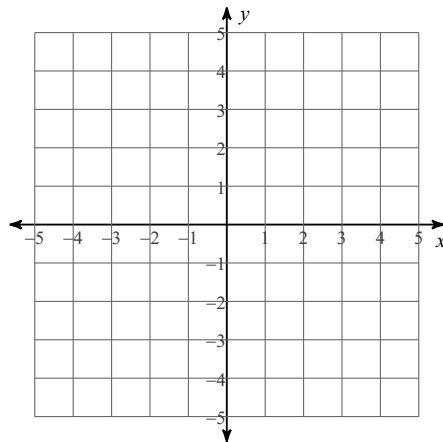
$$5) y > \frac{5}{3}x - 2$$

$$y \leq \frac{1}{3}x + 2$$



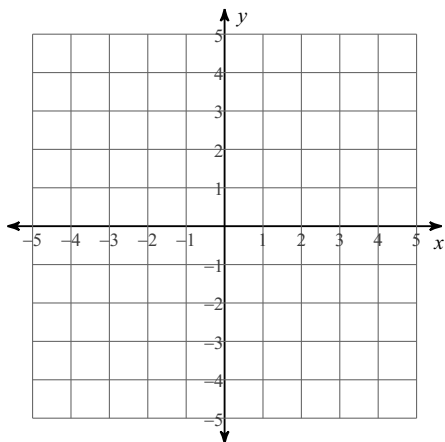
$$6) 2x + y > 3$$

$$x + 3y \geq -6$$



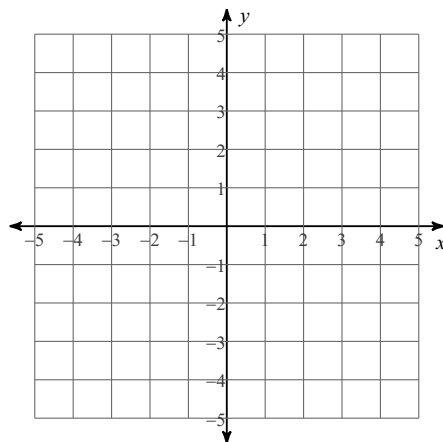
$$7) x - 2y > -6$$

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



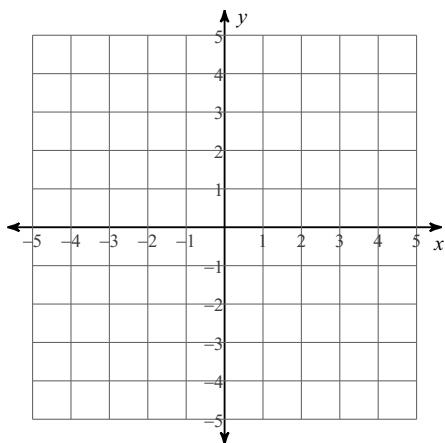
$$8) x - 2y > -4$$

$$x - 2y \leq 4$$



$$9) 5x - y \leq -2$$

$$x - y \leq 2$$



$$10) 2x + y > -3$$

$$2x + 3y > 3$$

