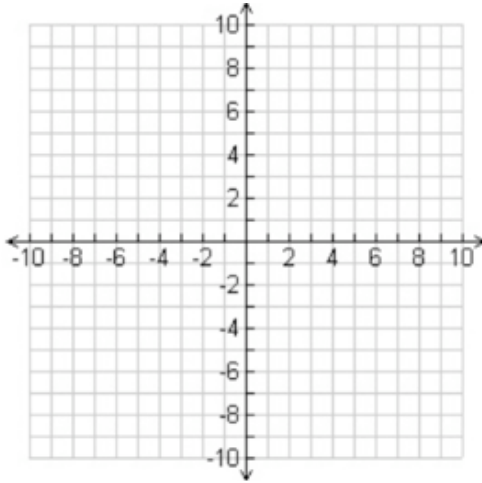
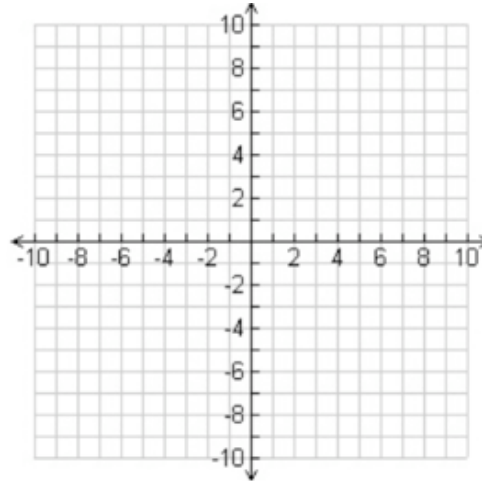


Sketch the solution to each system of inequalities.

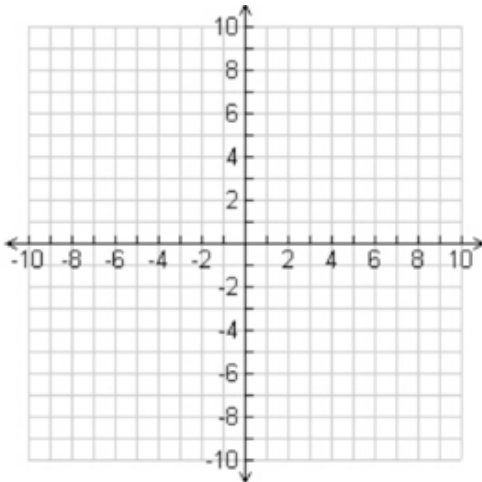
$$1) \begin{cases} y \leq -x - 2 \\ y \geq -5x + 2 \end{cases}$$



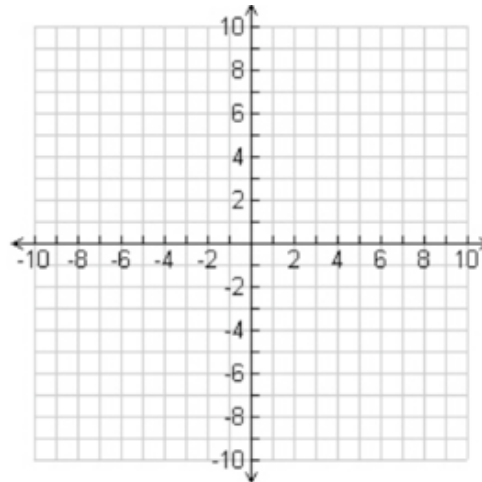
$$2) \begin{cases} y > -x - 2 \\ y < -5x + 2 \end{cases}$$



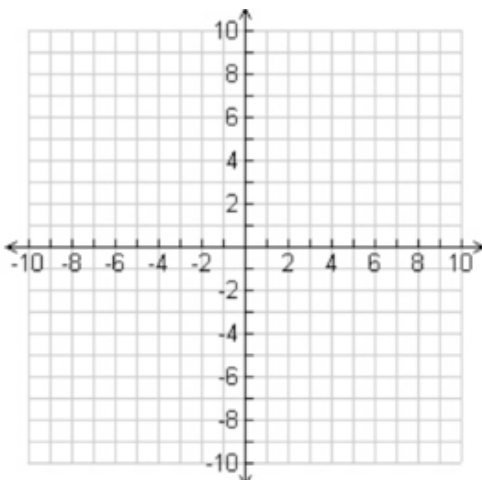
$$3) \begin{cases} y \leq \frac{1}{2}x + 2 \\ y < -2x - 3 \end{cases}$$



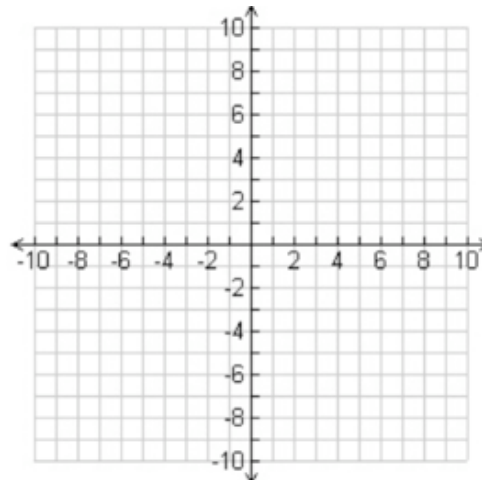
$$4) \begin{cases} x \leq -3 \\ y < \frac{5}{3}x + 2 \end{cases}$$



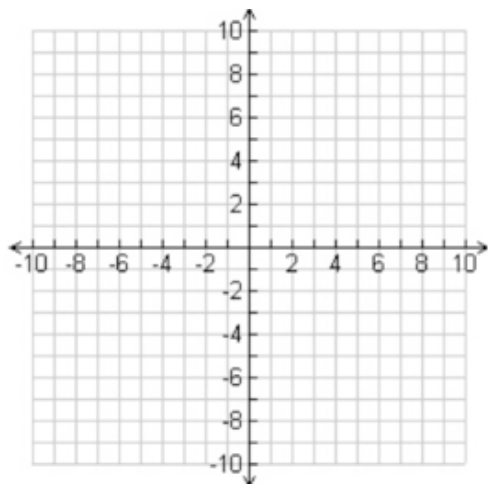
$$5) \begin{cases} y \leq -\frac{5}{2}x - 2 \\ y < -\frac{1}{2}x + 2 \end{cases}$$



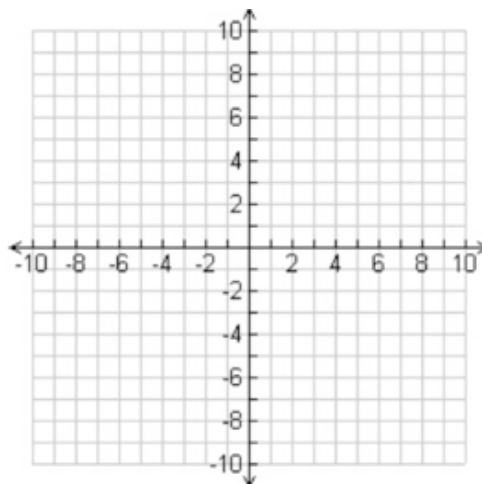
$$6) \begin{cases} y \geq \frac{2}{3}x + 3 \\ y > -\frac{4}{3}x - 3 \end{cases}$$



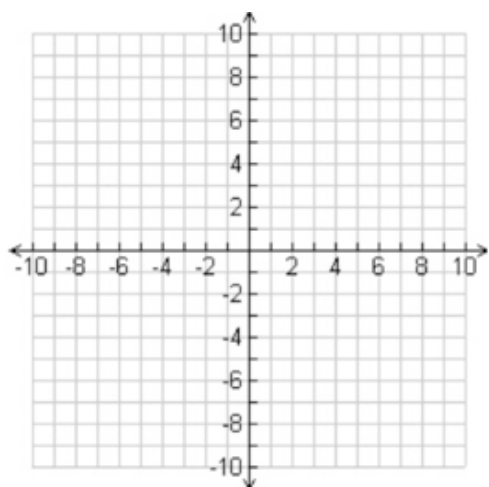
$$7) \begin{cases} y \geq x+1 \\ y \leq -2x \end{cases}$$



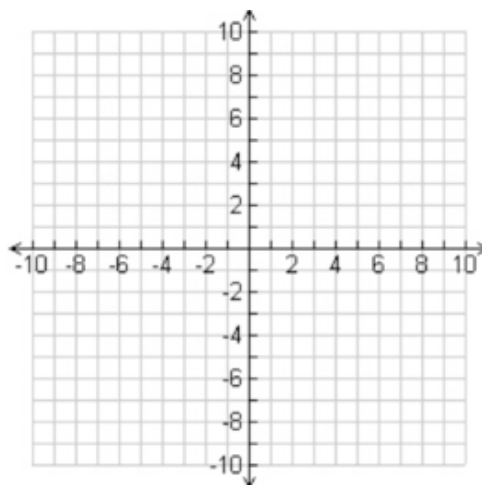
$$8) \begin{cases} y < 2x+4 \\ y > x-1 \end{cases}$$



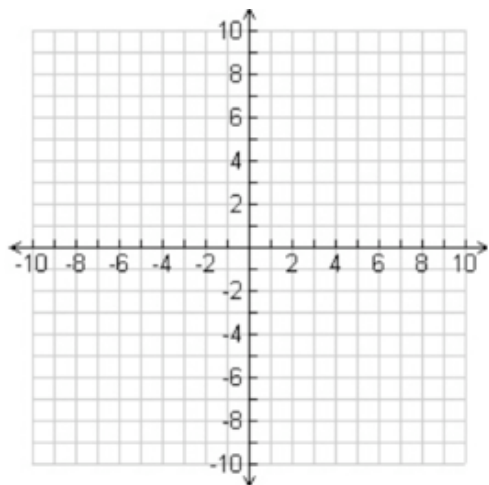
$$9) \begin{cases} y > -x \\ y > -x+3 \end{cases}$$



$$10) \begin{cases} 4x+y < 2 \\ y > -2 \end{cases}$$



$$11) \begin{cases} 3x+2y \geq -2 \\ x+2y \leq 2 \end{cases}$$



$$12) \begin{cases} 4x-2y \geq -2 \\ x-2y \leq 2 \end{cases}$$

