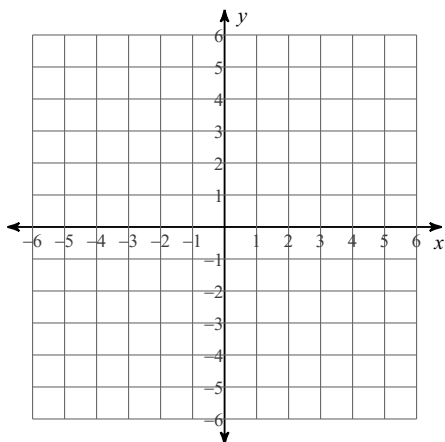


Graphing Inequalities WS

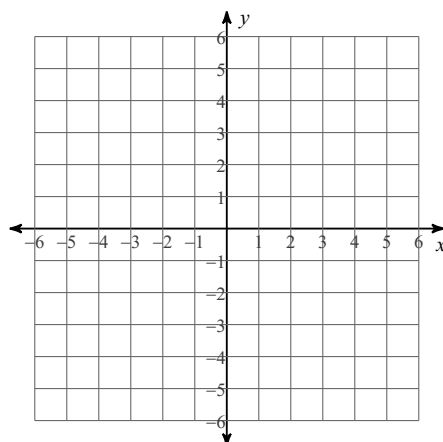
Date _____ Period _____

Sketch the graph of each linear inequality.

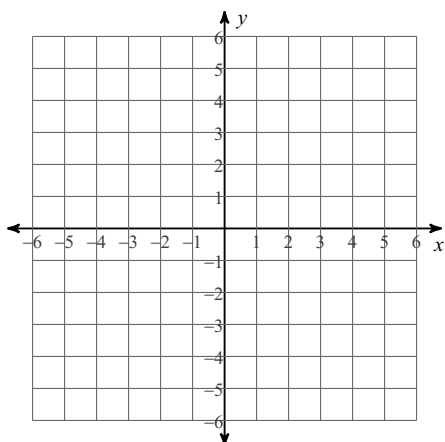
1) $y < x - 3$



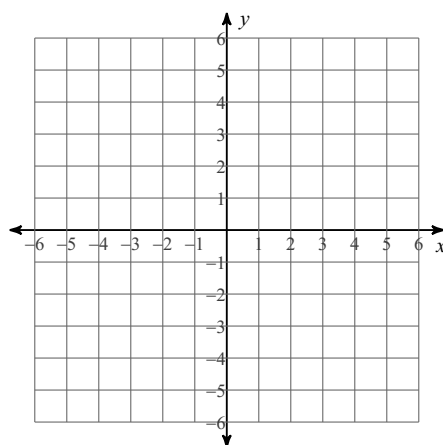
2) $y > \frac{7}{2}x + 2$



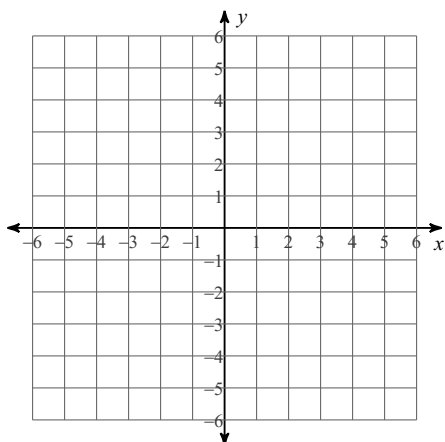
3) $y \geq x - 2$



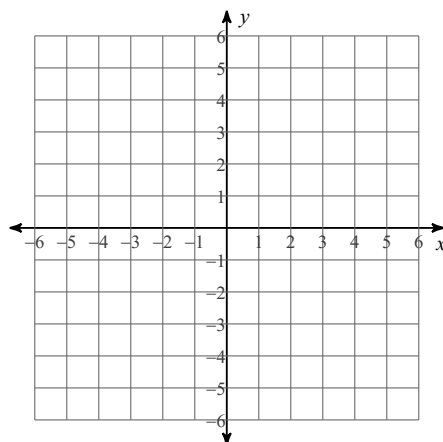
4) $y \leq \frac{4}{3}x + 2$



5) $y \leq -x - 5$

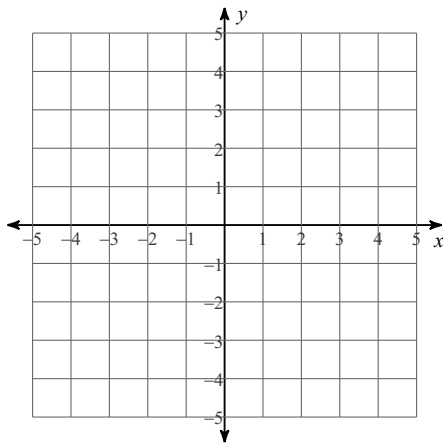


6) $y \leq -x - 2$

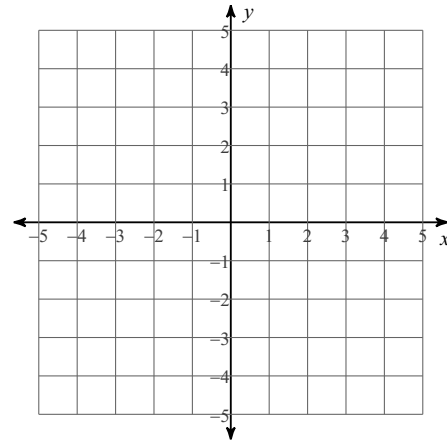


Sketch the solution to each system of inequalities.

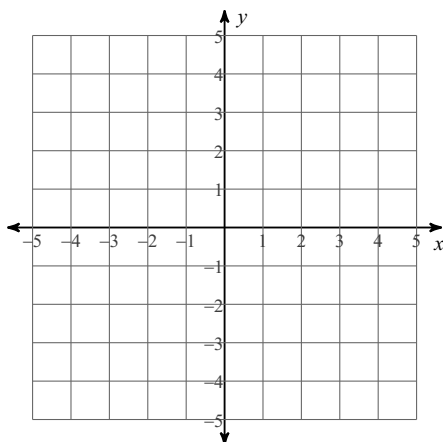
$$\begin{aligned} 7) \quad & y > -2x - 3 \\ & y \leq -\frac{1}{3}x + 2 \end{aligned}$$



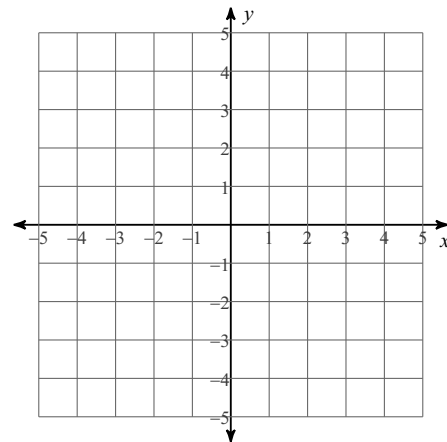
$$\begin{aligned} 8) \quad & y \leq -\frac{4}{3}x - 2 \\ & y \leq -\frac{1}{3}x + 1 \end{aligned}$$



$$\begin{aligned} 9) \quad & y < -1 \\ & y < -x - 2 \end{aligned}$$



$$\begin{aligned} 10) \quad & y \leq \frac{5}{2}x + 2 \\ & y > -3 \end{aligned}$$



$$\begin{aligned} 11) \quad & y \geq -\frac{1}{3}x - 2 \\ & x \leq 3 \end{aligned}$$

