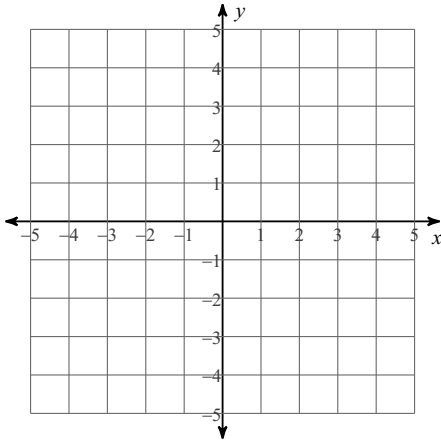


System of Inequalities

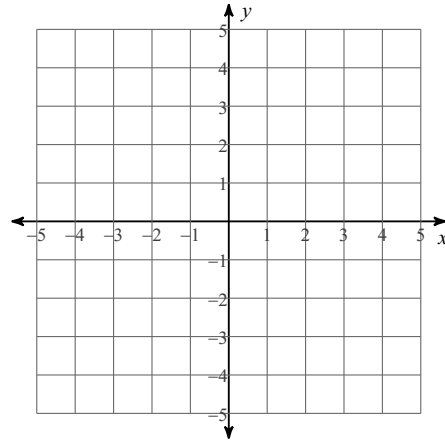
Date _____ Period _____

Sketch the solution to each system of inequalities.

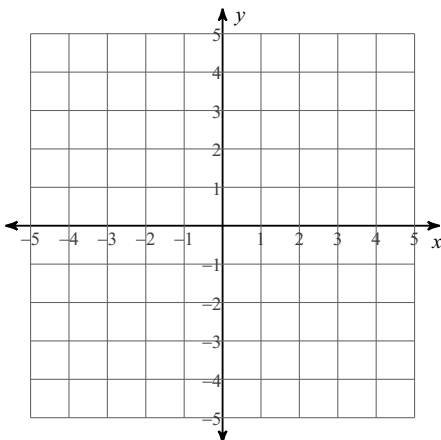
$$\begin{aligned} 1) \quad & x + 2y \geq 6 \\ & x - 2y \geq -2 \end{aligned}$$



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



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



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

