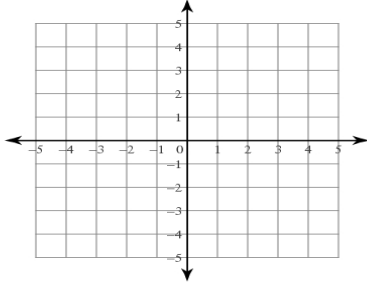


## Graphing Systems of Inequalities Worksheet

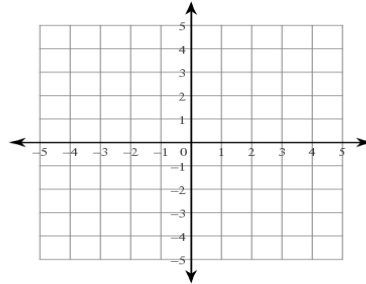
Date \_\_\_\_\_ Period \_\_\_\_\_

Sketch the solution to each system of inequalities.

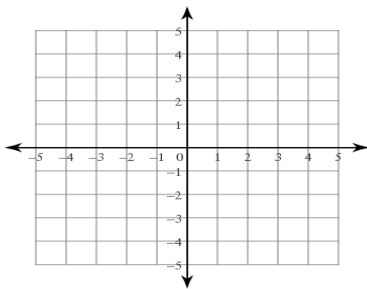
$$1) \begin{cases} y \leq -5x - 2 \\ y \geq 3 \end{cases}$$



$$2) \begin{cases} y \leq -\frac{5}{3}x - 2 \\ y \leq -\frac{1}{3}x + 2 \end{cases}$$



$$3) \begin{cases} y \geq \frac{1}{2}x + 3 \\ y \leq -\frac{5}{2}x - 3 \end{cases}$$



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

