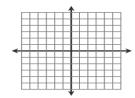
Algebra 2 Worksheet 3.3 Solving Systems of Inequalities by Graphing

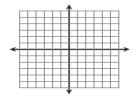
Name: \_\_\_\_\_Period:\_\_\_\_

## Solve each system of inequalities by graphing.

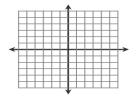
$$1. \quad \begin{cases} y > -x + 2 \\ y \le x + 2 \end{cases}$$



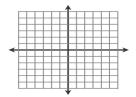
$$\begin{cases} y < -\frac{1}{2}x - 3 \\ y \ge \frac{2}{3}x - 3 \end{cases}$$



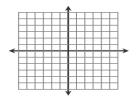
$$3. \quad \begin{cases} y+3 \le 2x \\ x \le 3 \end{cases}$$



$$4. \quad \begin{cases} y \ge x + 1 \\ y - x > -2 \end{cases}$$



$$5. \quad \begin{cases} y < -2x + 4 \\ y < 3 \end{cases}$$



$$6. \quad \begin{cases} y - x \le 4 \\ -2x + y \ge 4 \end{cases}$$

