

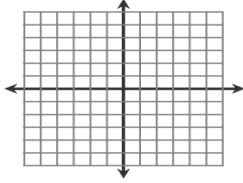
Algebra 2  
Worksheet 3.3  
Solving Systems of Inequalities by Graphing

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

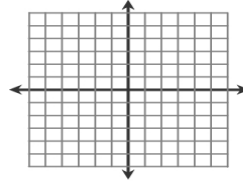
Date: \_\_\_\_\_ Period: \_\_\_\_\_

Solve each system of inequalities by graphing.

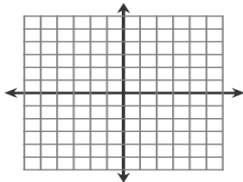
1. 
$$\begin{cases} y > -x + 4 \\ y \leq x + 2 \end{cases}$$



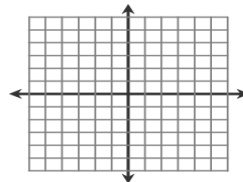
2. 
$$\begin{cases} y < -\frac{1}{2}x - 3 \\ y \geq \frac{2}{3}x - 3 \end{cases}$$



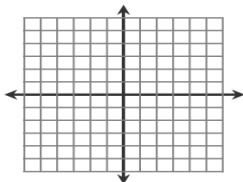
3. 
$$\begin{cases} y + 3 \leq 2x \\ x \leq 3 \end{cases}$$



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



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



6. 
$$\begin{cases} y - x \leq 4 \\ -2x + y \geq 4 \end{cases}$$

