

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

## Systems of Linear Inequalities

**Graph the inequality on a rectangular coordinate system**

1.  $y > -x + 3$

2.  $2x - 3y < 6$

3.  $x - y \geq 0$

**Graph the system of inequalities on a rectangular coordinate system**

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

5. 
$$\begin{cases} 2x - 3y > 6 \\ 3x - y \leq 1 \end{cases}$$

6. 
$$\begin{cases} 4x - 2y \leq 8 \\ 3x + 2y \geq 6 \end{cases}$$

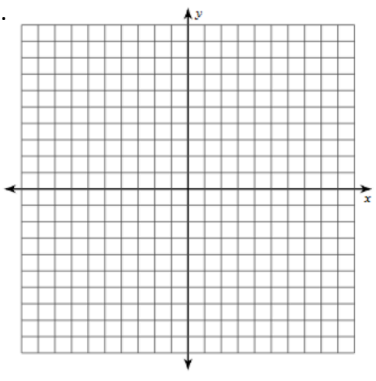
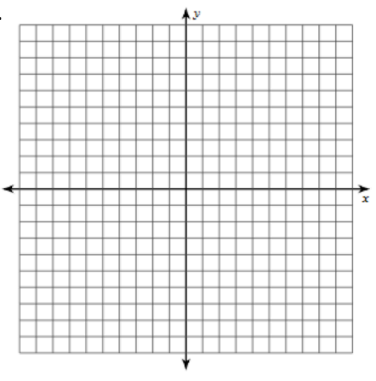
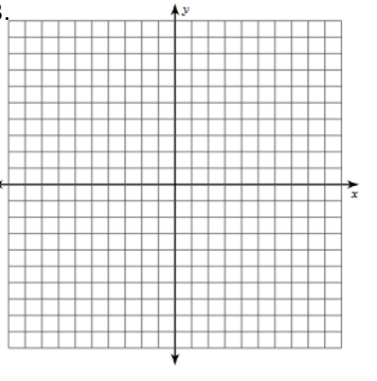
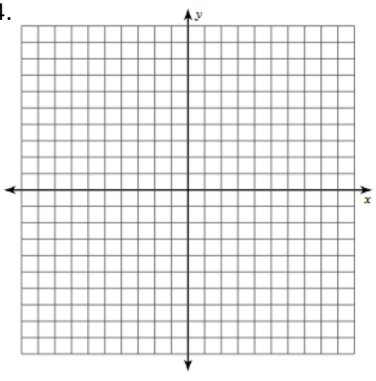
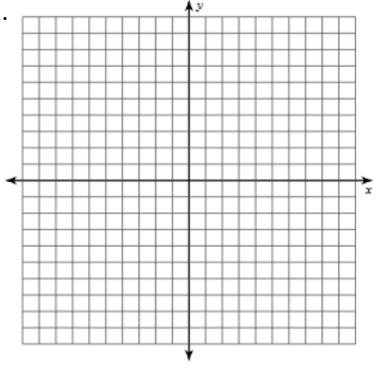
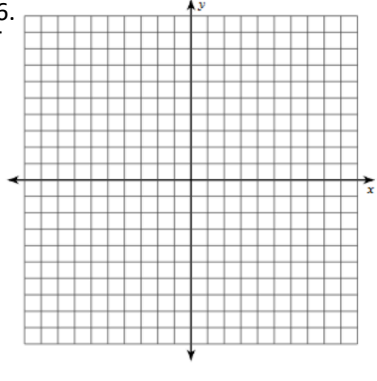
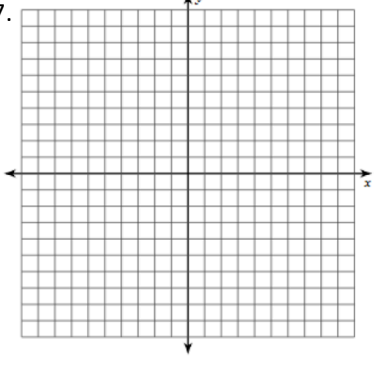
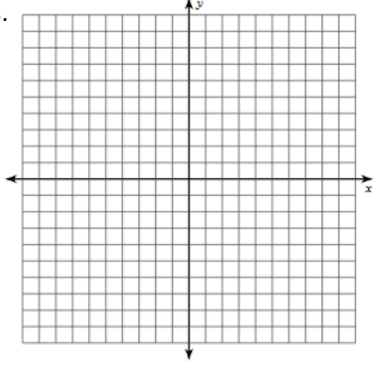
7. 
$$\begin{cases} x > 3 \\ y \leq -2 \end{cases}$$

8. 
$$\begin{cases} y \leq x \\ x > 2 \end{cases}$$

9. 
$$\begin{cases} x - y > 1 \\ x - y < 3 \end{cases}$$

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### Systems of Linear Inequalities

1. 	2. 	3. 
4. 	5. 	6. 
7. 	8. 	9. 