

Name _____
Period _____

9.2 - 9.6 Practice

Use substitution to solve. **Show your work.**

1. $3y - 3x = 21$
 $x + 2y = -16$

2. $2x + 3y = 24$
 $x = 4y - 10$

Use elimination to solve. **Show your work.**

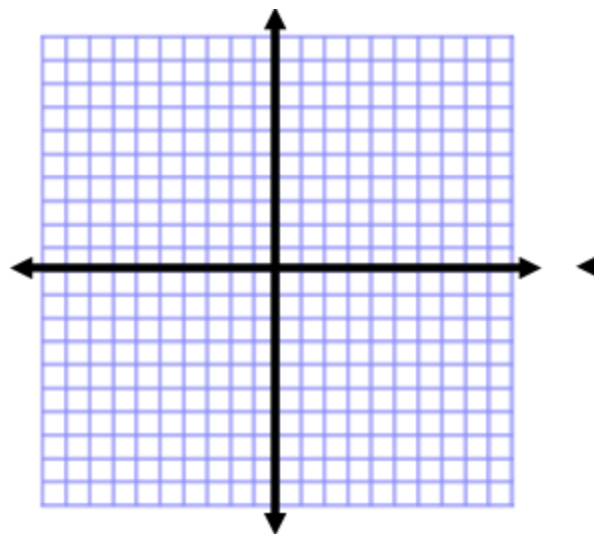
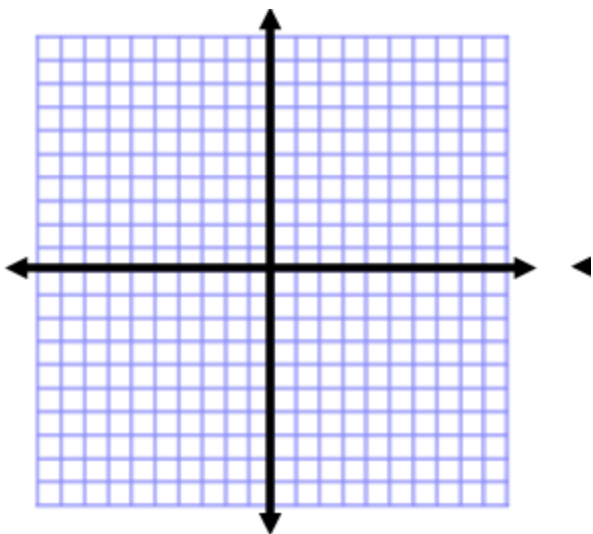
3. $5x + 2y = -3$
 $2x + 3y = -10$

4. $\frac{1}{4}x - \frac{3}{4}y = -3$
 $2x + 6y = 12$

Graph the inequalities:

5. $-2y > -x + 6$

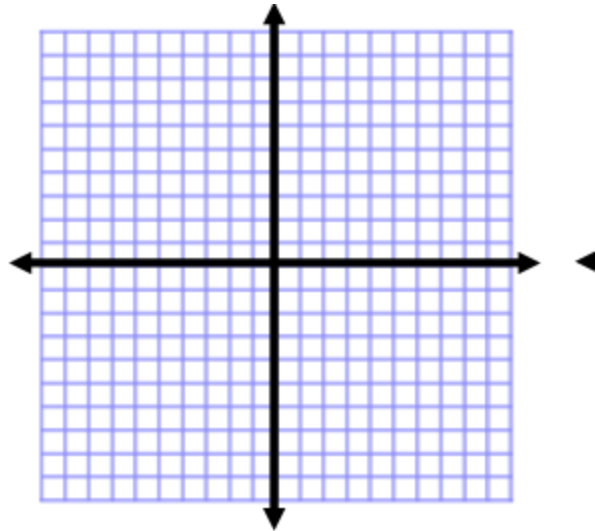
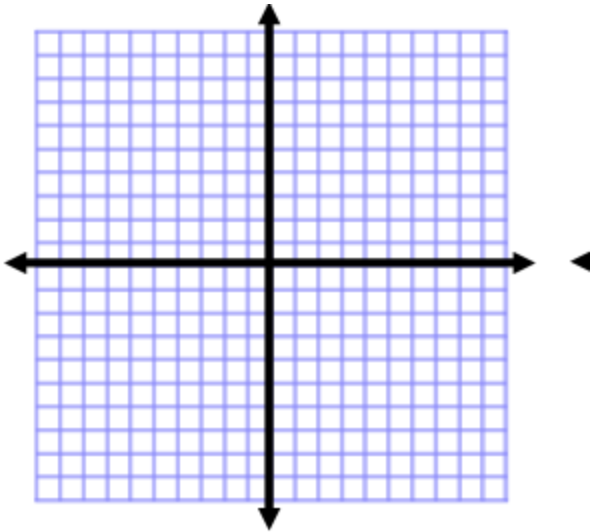
6. $x + \frac{1}{2}y \leq 3$



Graph the systems of inequalities:

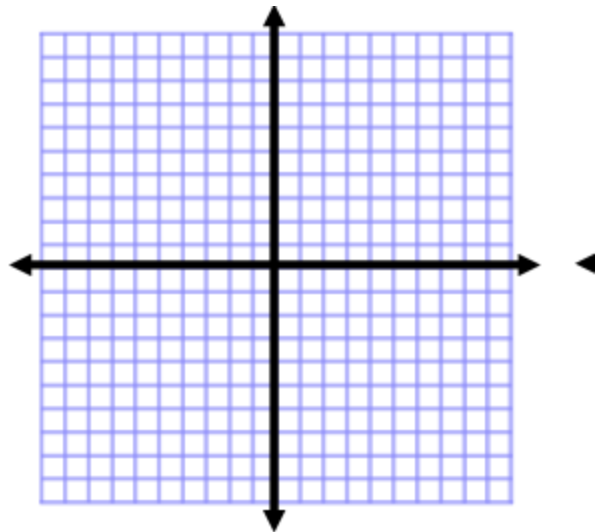
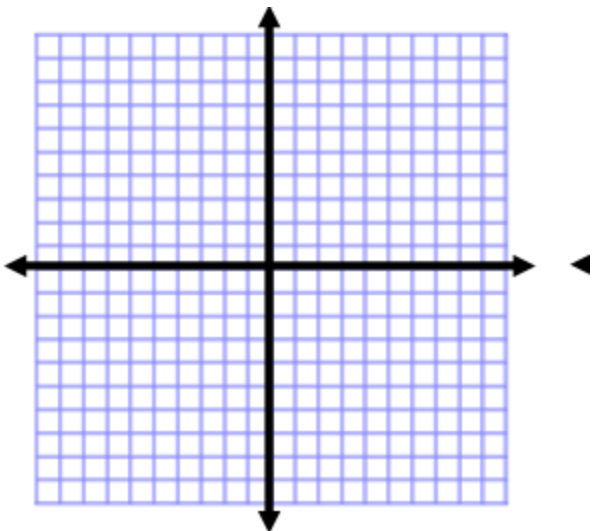
7. $y < \frac{1}{3}x - 6$
 $2x + y \leq -4$

8. $x \geq -5$
 $y > 3$



9. $y \geq -4x - 1$
 $y \leq -4x + 2$

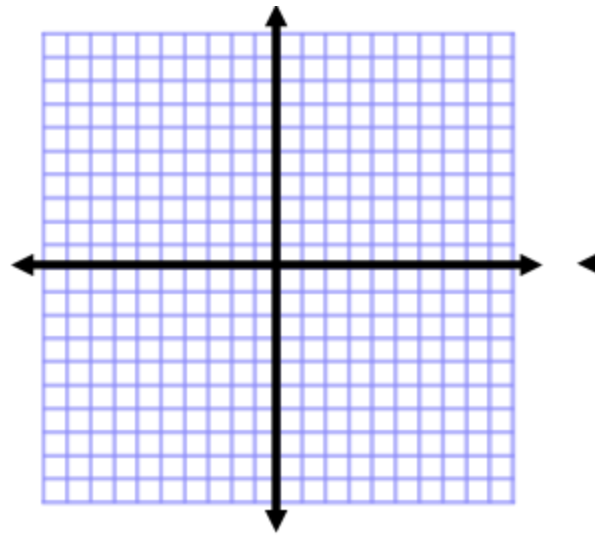
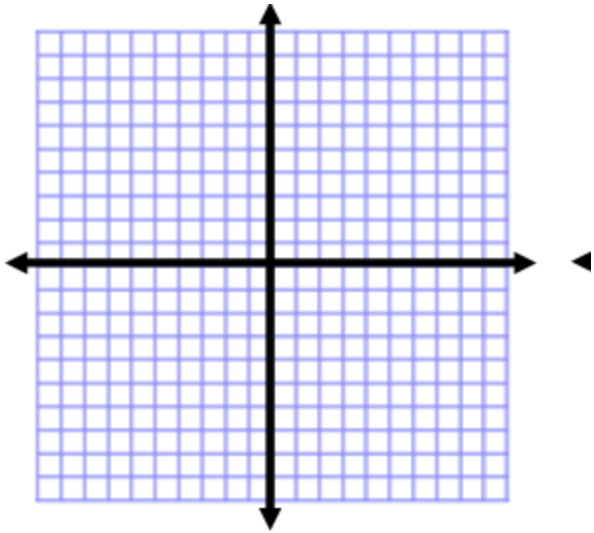
10. $3y + 6 > 2x$
 $y + x < -3$



Solve by graphing.

11. $|y| + 6 \geq 10$

12. $|3x - 2y| > 8$



13. $|y-5| \leq x$

14. $|x - 4| < y$

