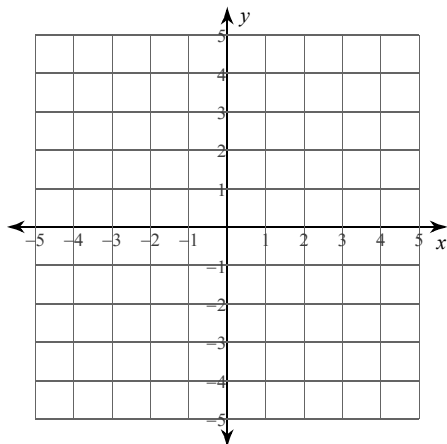


10-3-17 Review 3-1 to 3-3

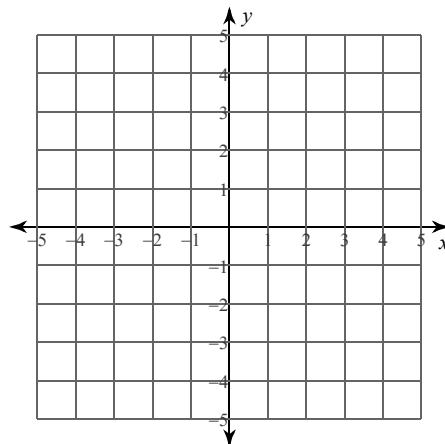
Date _____ Period _____

Solve each system by graphing.

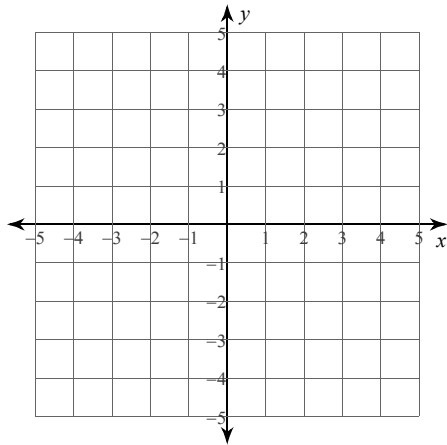
1) $y = -x - 2$
 $y = -5x + 2$



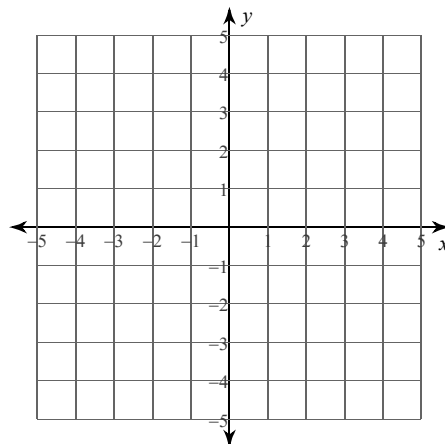
2) $2x - y = -3$
 $3x + 2y = -8$

**Sketch the solution to each system of inequalities.**

3) $y > \frac{2}{3}x - 1$
 $y \geq 2x + 3$



4) $5x + 2y > 6$
 $x - 2y \geq 6$



Solve each system by substitution.

5) $y = -8$
 $-4x + 3y = -20$

6) $y = 6x - 19$
 $8x + 4y = 20$

7) $x + y = 6$
 $4x - 2y = -24$

8) $-x + 7y = 6$
 $x + 3y = 4$

Solve each system by elimination.

9) $-x - 6y = -24$
 $7x + 6y = 24$

10) $-7x + 7y = 0$
 $3x + 7y = 0$

11) $9x - 2y = -24$
 $3x + 9y = 21$

12) $7x + 6y = 15$
 $-6x + 3y = -21$

13) $-9x + 5y = -22$
 $-10x + 3y = -4$

14) $6x + 9y = -21$
 $-7x + 7y = 7$