Use the graphing method to solve each of the following systems of equation.
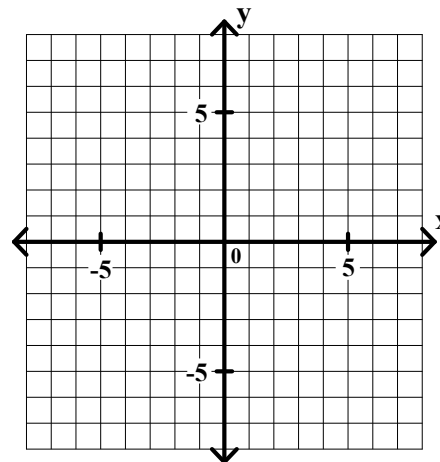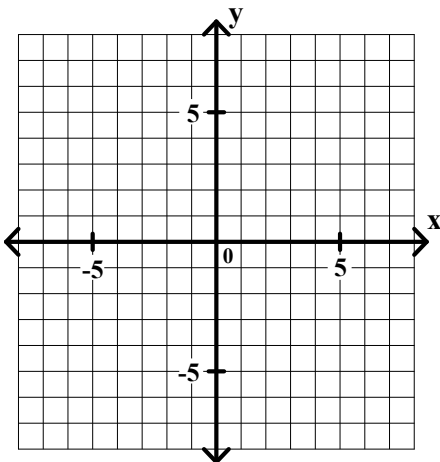
1. $x - 2y = 8$
    $x + y = 2$

2. $3x + y = 6$
    $3x + 4y = -12$
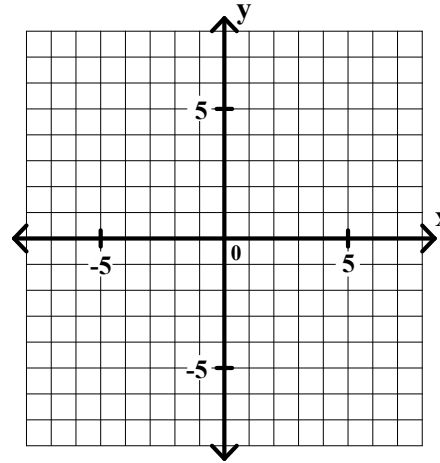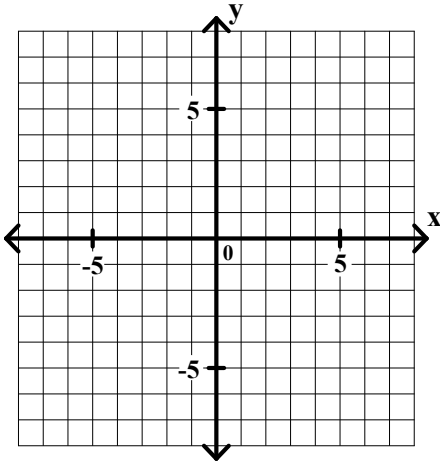
3. $2x - 3y = 6$
    $-5x + 3y = 3$

4. $x - 2y = -6$
    $5x - 2y = 10$

Solve each of the following systems of equations using the substitution method. Show your work neatly organized.

5. $2x + 3y = 19$ _____
       $y = 4x - 3$

6. $5x - 2y = -11$ _____
       $y = x + 4$

7. $3x - 5y = 16$ _____
       $y = 3x - 2$

8. $x = -2y + 1$ _____
       $4x - 3y = 5$

Solve each of the following systems of equations using the multiplication-addition method. Show your work neatly organized.

9. $4x + 3y = 7$ _____
      $2x - y = -9$

10. $3x - 5y = 14$ _____
      $2x + 3y = 3$

11. $5x - 3y = 5$ _____
      $3x - 4y = 1$

12. $7x - 3y = 4$ _____
      $2x + 4y = -11$