

Name:

Date:

Period:

Solve each system of equations algebraically for x and y and CHECK your answers. Show all of your work on a separate sheet of paper.

1. $3x + 2y = 4$
 $-2x + 2y = 24$

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

3. $2x + y = 12$
 $5x + 3y = 1$

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

5. $5c + 7d = 39$
 $6c - 5d = 20$

6. $x + 4y = 1$
 $2x - 2y = -8$

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

8. $3x - 5y = -9$
 $2x - y = 1$

9. $3x + y = 7$
 $2x = y + 8$

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