

Geometry

Review of Solving Systems of Equations

Solve each system of equations below. Show all work and check your solutions.

1. $y = x$
 $y = -x + 2$

2. $x + 2y = 200$
 $x = y + 50$

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

4. $5x - 3y = -4$
 $y = -x - 4$

5. $x + 2y = 7$
 $3x - 2y = -3$

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

7. $2x + 7y = 5$
 $2x + 3y = 9$

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

9. $5x + 7y = -1$
 $4x - 2y = 22$

10. $3x + 8y = 81$
 $5x - 6y = -39$

11. $y - 5x = 5$
 $y = 15x - 1$

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