

Systems of Linear Equations Printable Worksheet

Solve each system of equations using substitution or elimination. An answer key is included on the final page.

1. $y = x + 2$

$$y = -x + 6$$

2. $y = 2x - 1$

$$y = x + 3$$

3. $x + y = 10$

$$x - y = 2$$

4. $2x + y = 9$

$$x - y = 3$$

5. $y = 3x - 5$

$$y = x + 1$$

6. $x + 2y = 12$

$$x - y = 3$$

7. $2x + 3y = 13$

$$x + y = 5$$

8. $3x - y = 7$
 $x + y = 5$

9. $y = -2x + 8$
 $y = x - 1$

10. $2x + y = 6$
 $x - 2y = -3$

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

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

13. $y = x - 4$
 $y = -2x + 5$

14. $x + 3y = 11$
 $2x - y = 1$

15. $4x + y = 18$
 $x - y = 2$

16. $y = 2x + 1$
 $y = -x + 10$

Answer Key

1. (2, 4)

2. (4, 7)

3. (6, 4)

4. (4, 1)

5. (3, 4)

6. (6, 3)

7. (2, 3)

8. (3, 2)

9. (3, 2)

10. (3, 0)

11. (3, 1)

12. (2, 1)

13. (3, -1)

14. (2, 3)

15. (4, 2)

16. (3, 7)