

Solving Linear Equations Printable Worksheet

Solve each equation. Show all work and simplify your answers when possible. An answer key is included on the final page.

1. $x + 7 = 15$

2. $3x = 24$

3. $x - 9 = 11$

4. $5x + 2 = 27$

5. $2x - 8 = 14$

6. $7x + 5 = 40$

7. $4x - 3 = 21$

8. $6x + 9 = 45$

9. $8x - 12 = 20$

10. $9x + 4 = 49$

11. $3x + 7 = 2x + 18$

12. $5x - 9 = 2x + 12$

13. $4x + 8 = x + 20$

14. $7x - 5 = 3x + 19$

15. $6x + 11 = 2x + 35$

16. $9x - 14 = 5x + 10$

17. $2(x + 4) = 18$

18. $3(x - 2) = 21$

19. $4(x + 1) = 2x + 18$

20. $5(x - 3) = 2x + 9$

Answer Key

1. $x = 8$

2. $x = 8$

3. $x = 20$

4. $x = 5$

5. $x = 11$

6. $x = 5$

7. $x = 6$

8. $x = 6$

9. $x = 4$

10. $x = 5$

11. $x = 11$

12. $x = 7$

13. $x = 4$

14. $x = 6$

15. $x = 6$

16. $x = 6$

17. $x = 5$

18. $x = 9$

19. $x = 7$

20. $x = 8$