

Quadratic Formula Printable Worksheet

Solve each quadratic equation using the quadratic formula. Simplify answers when possible. An answer key is included on the final page.

1. $x^2 + 5x + 6 = 0$

2. $x^2 - 7x + 10 = 0$

3. $2x^2 + 3x - 2 = 0$

4. $x^2 + 4x - 12 = 0$

5. $3x^2 - 5x - 2 = 0$

6. $x^2 - 2x - 15 = 0$

7. $2x^2 + 7x + 3 = 0$

8. $x^2 + 6x + 8 = 0$

9. $4x^2 - 4x - 3 = 0$

10. $x^2 - 9x + 20 = 0$

11. $5x^2 + 9x + 4 = 0$

12. $x^2 - x - 20 = 0$

13. $3x^2 + 8x - 3 = 0$

14. $x^2 + 10x + 21 = 0$

15. $2x^2 - x - 6 = 0$

16. $x^2 - 12x + 35 = 0$

17. $4x^2 + 4x - 15 = 0$

18. $x^2 - 3x - 18 = 0$

19. $3x^2 - x - 10 = 0$

20. $x^2 + 8x + 15 = 0$

Answer Key

1. $x = -2, -3$
2. $x = 5, 2$
3. $x = 1/2, -2$
4. $x = 2, -6$
5. $x = 2, -1/3$
6. $x = 5, -3$
7. $x = -3, -1/2$
8. $x = -2, -4$
9. $x = 3/2, -1/2$
10. $x = 5, 4$
11. $x = -1, -4/5$
12. $x = 5, -4$
13. $x = 1/3, -3$
14. $x = -3, -7$
15. $x = 2, -3/2$
16. $x = 5, 7$
17. $x = 3/2, -5/2$
18. $x = 6, -3$
19. $x = 2, -5/3$
20. $x = -3, -5$