

Exercises – Quadratic equations

1. $x^2 - x - 2 = 0$

2. $x^2 - 7x + 12 = 0$

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

4. $2x^2 + 6x + 4 = 0$

5. $2x^2 - x - 1 = 0$

6. $3x^2 + 7x + 2 = 0$

7. $x^2 + 3x - 5 = x + 3$ Hint: Subtract $(x + 3)$ from both sides.

8. $3x^2 - 1 = x^2 + x$ Hint: Collect all terms to the left side.

9. $x^2 + x - 1 = 0$

10. $3x^2 - 2x - 4 = 0$

11. $5x^2 = 5 - 2x$

12. $3x^2 + 4x + 1 = 0$

13. $6x^2 - 5x - 6 = 0$

14. $15x^2 - 16x - 15 = 0$

15. $x^2 + 0.9x - 2.52 = 0$

16. $25x^2 - 4 = 0$

17. $4x^2 - 20x + 25 = 0$