

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

2. $x^2 + 18 = 9x$

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

4. $x^2 - 10x + 25 = 0$

5. $2x^2 + 6x = -4$

6. $3x^2 = 16x + 12$

Solve each equation by finding square roots.

7. $5x^2 = 80$

8. $x^2 - 4 = 0$

9. $2x^2 = 32$

10. $9x^2 = 25$

11. $3x^2 - 15 = 0$

12. $5x^2 - 40 = 0$

Solve each equation by factoring or by taking square roots.

13. $x^2 - 4x = 0$

14. $6x^2 + 4x = 0$

15. $12x^2 - 147 = 0$

16. $3x^2 = 48$

17. $2x^2 = 8x$

18. $4x^2 - 80 = 0$