

LESSON 103 Practice

Solve by taking square roots. Check your solutions.

1. $x^2 = 8$

2. $x^2 = 49$

3. $2x^2 = 32$

4. $5x^2 = 100$

5. $-x^2 = -54$

6. $-4x^2 = -172$

7. $x^2 - 121 = 0$

8. $x^2 - 27 = 0$

9. $x^2 + 9 = 13$

10. $x^2 - 8 = 40$

11. $2x^2 - 100 = 0$

12. $6x^2 - 216 = 0$

13. $3x^2 + 17 = 71$

14. $5x^2 - 42 = 13$

15. $2x^2 - 19 = 45$

16. $7x^2 + 11 = 74$

17. $36 - 9x^2 = 27$

18. $2x^2 - 14 = 148$

19. $-3x^2 = 108 - 4x^2$

20. $x^2 + 85 = 2x^2 + 34$