

13.1 Homework

Solve each equation by taking square roots.

1) $7v^2 + 6 = 573$

2) $2b^2 - 8 = 56$

3) $5v^2 + 9 = 139$

4) $7k^2 + 7 = 1$

5) $4x^2 - 3 = 69$

6) $7x^2 + 4 = 452$

7) $2n^2 + 9 = 201$

8) $7a^2 - 7 = 308$

Answers to 13.1 Homework

1) $\{9, -9\}$

5) $\{3\sqrt{2}, -3\sqrt{2}\}$

2) $\{4\sqrt{2}, -4\sqrt{2}\}$

6) $\{8, -8\}$

3) $\{\sqrt{26}, -\sqrt{26}\}$

7) $\{4\sqrt{6}, -4\sqrt{6}\}$

4) No solution.

8) $\{3\sqrt{5}, -3\sqrt{5}\}$