

Elementary Algebra Skill

Solving Quadratic Equations: Square Root Law

Solve each equation by taking square roots.

1) $r^2 = 96$

2) $x^2 = 7$

3) $x^2 = 29$

4) $r^2 = 78$

5) $b^2 = 34$

6) $x^2 = 0$

7) $a^2 + 1 = 2$

8) $n^2 - 4 = 77$

9) $m^2 + 7 = 6$

10) $x^2 - 1 = 80$

11) $4x^2 - 6 = 74$

12) $3m^2 + 7 = 301$

13) $7x^2 - 6 = 57$

14) $10x^2 + 9 = 499$

15) $(p - 4)^2 = 16$

16) $(2k - 1)^2 = 9$

17) $(6x + 2)^2 + 4 = 28$

18) $10(x - 7)^2 = 440$

19) $9(2m - 3)^2 + 8 = 449$

20) $4(6x - 1)^2 - 5 = 223$