

Solving Quadratic EQs

Solve each equation by taking square roots. Is the variable by itself on one side of the equation? If not, then you cannot take the square root until it is. Move the other numbers to the other side first.

1) $x^2 = 64$

2) $n^2 = 25$

3) $a^2 + 9 = 25$

4) $81m^2 = 1$

5) $9v^2 + 1 = 10$

6) $5n^2 + 8 = 13$

7) $2x^2 + 10 = 172$

8) $64x^2 - 7 = 2$

9) $2(5k^2 - 4) = 242$

10) $4(n^2 + 2) = 152$