

## Solving Quadratic Equations by Finding Square Roots – Day 2

Unit 2C: Quadratic Functions – Working With Equations

Solve the equation:

1.  $3(x - 2)^2 = 21$

2.  $2(a^2 - 4) + 3 = 15$

3.  $0.5(x^2 + 6) - 5 = 10$

4.  $(z + 1)^2 = 9$

5.  $2t^2 - 5 = 6$

6.  $4x^2 + 5 = 20$

**Solve the equation:**

7.  $8 - 2r^2 = -3$

8.  $(x - 5)^2 = 16$

9.  $(t + 2)^2 = 7$

10.  $12 = 4(x - 2)^2 - 8$

11.  $7(x + 1)^2 = 161$

12.  $-5(5x + 12)^2 - 3 = -8$