

## Quadratic Formula

**Solve each equation with the quadratic formula.**

1)  $3b^2 + 12b - 96 = 0$

2)  $3m^2 - 12m + 12 = 0$

3)  $4x^2 - 100 = 0$

4)  $4v^2 + 10v - 84 = 0$

5)  $4r^2 + 9r + 2 = 0$

6)  $n^2 + 11n - 12 = 0$

7)  $12p^2 - 12p - 11 = 0$

8)  $x^2 + 8x - 22 = 0$

9)  $3x^2 - 12x - 9 = 0$

10)  $8a^2 + a - 12 = 0$

11)  $6n^2 - 8 = 0$

12)  $7x^2 - 16 = 0$

13)  $-a^2 + 7a + 16 = 0$

14)  $-8x^2 - 2x + 14 = 0$