

## Quadratic Formula

Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each equation with the quadratic formula.

1)  $3v^2 - 12v - 9 = 0$

2)  $4n^2 + 8n - 45 = 0$

3)  $x^2 - 4 = 0$

4)  $4a^2 - 100 = 0$

5)  $x^2 + 9x + 14 = 0$

6)  $10n^2 - 6n - 18 = 0$

$$7) -3x^2 + 8x + 10 = -10$$

$$8) -2k^2 + 10k - 17 = -8$$

$$9) 4b^2 - 36 = 0$$

$$10) -6r^2 - 2 = -12r$$

$$11) v^2 - 8v + 7 = 0$$

$$12) 3a^2 + a - 5 = 0$$