

Solving Quadratic Equations with the Quadratic Formula (version 1)

Period _____

Solve each equation with the quadratic formula.

1) $n^2 - 2n - 1 = 0$

2) $3k^2 - k - 52 = 0$

3) $2v^2 + 7v - 99 = 0$

4) $3x^2 + 3x + 10 = 9$

5) $5k^2 - 2k - 3 = 4$

6) $8k^2 + 8k - 11 = 3$

$$7) -80 + 4b = -4b^2$$

$$8) 7 = -2n^2 - 2n$$

$$9) 3p^2 = 8 - 2p$$

$$10) -2n = -2n^2 - 3$$

$$11) 4r^2 + 4r - 96 = 3r^2$$

$$12) 2n^2 - 7n + 2 = -3n^2$$