

8-2 Solve Quadratics with Quadratic Formula

Period _____

Solve each equation with the quadratic formula.

1) $x^2 - 6x - 112 = 0$

2) $2k^2 - k - 10 = 0$

3) $x^2 - 7x + 12 = 0$

4) $3x^2 + 2x - 40 = 0$

5) $6x^2 - 11x + 5 = 0$

6) $x^2 - x - 132 = 0$

$$7) 4v^2 + 4v - 35 = 0$$

$$8) 3n^2 - 6n = 144$$

$$9) 5b^2 = 10b + 75$$

$$10) 7n^2 - 24 = n$$

$$11) 3p^2 - 3p = 7$$

$$12) 4p^2 - 14 = -7p$$