

Section 7.2 WS

Date _____ Period _____

Solve each equation with the quadratic formula.

1) $r^2 + 11r - 102 = 0$

2) $v^2 + 5v - 15 = 0$

3) $6b^2 - 8b + 8 = 0$

4) $5x^2 - x + 9 = 0$

5) $2n^2 + 7n + 7 = -5$

6) $3x^2 + 3x = 4$

$$7) -5p^2 + 44 = -12p$$

$$8) b^2 + 10b + 7 = -2b^2$$

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

$$10) 8k^2 - 4k + 1 = 0$$

Approximate to the nearest hundreth.

$$11) x^2 - 10x - 9 = 0$$

$$12) 2x^2 + 3x - 13 = -7$$