

Practice: Quadratic Formula Problems.

Date_____ Period_____

Solve each equation with the quadratic formula. All answers must be properly simplified. Check all rational solutions and at least one of irrational conjugate solutions.

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

2) $n^2 + 3n - 10 = 0$

3) $v^2 + 5v - 3 = 0$

4) $3b^2 + 4b - 6 = 0$

5) $x^2 + 5x - 1 = 5$

6) $2n^2 + 4n + 5 = 4$

7) $2a^2 - 3a - 25 = -5$

8) $x^2 - 2x - 26 = -2$

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

10) $2a^2 + a = 5$

Friday Homework

- (1) Memorize the Quadratic Formula.
- (2) Be able to find the Quadratic Formula by completing the square on $ax^2 + bx + c = 0$ (see class notes)
- (3) Do at least 3 problems on this worksheet using the quadratic formula. Do checks per instructions.

Hint: the more of these you do the easier the open book quiz will be next week! -- Mr. C.