Algebra I   Class Worksheet #5   Unit 13   _____

Solve each of the following **using the quadratic formula**. Show all of your work neatly organized. If any solution is irrational, then give its exact value in standard radical form. Show your work neatly organized.

1. $3x^2 + 2x - 5 = 0$ 2. $x^2 - 3x + 1 = 0$ 3. $2x^2 + 5x + 1 = 0$

4. $x^2 - 6x - 3 = 0$ 5. $4x^2 + x - 1 = 0$ 6. $5x^2 - 5x + 1 = 0$

7. $3x^2 + 8x + 2 = 0$ 8. $3x^2 - 2x - 1 = 0$ 9. $x^2 - 7x + 9 = 0$