Algebra I   Worksheet #6   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. $2x^2 + x - 1 = 0$ 2. $x^2 - 5x + 2 = 0$ 3. $3x^2 + 6x + 1 = 0$

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

7. $4x^2 + 7x + 3 = 0$ 8. $3x^2 - 2x - 3 = 0$ 9. $x^2 - 5x + 3 = 0$