

Algebra I Class Worksheet #4 Unit 13

Solve each of the following **using the complete the square method**. 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. $x^2 + 4x - 12 = 0$

2. $x^2 + 8x - 4 = 0$

3. $3x^2 + 4x - 3 = 0$

4. $x^2 + 3x + 1 = 0$

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

6. $2x^2 - 8x - 3 = 0$

7. $x^2 - 6x + 3 = 0$

8. $x^2 + 5x + 6 = 0$

9. $3x^2 - 2x - 1 = 0$