

Algebra II Class Worksheet #3 Unit 6 _____

Solve each of the following using the square root property. Show all of your work neatly organized. Express imaginary solutions in bi form. Express all square roots in simplest form (exact value).

1. $x^2 - 36 = 0$

2. $9x^2 - 25 = 0$

3. $x^2 + 9 = 0$

4. $16x^2 + 25 = 0$

5. $x^2 - 3 = 0$

6. $5x^2 - 2 = 0$

7. $9x^2 - 2 = 0$

8. $x^2 + 5 = 0$

9. $x^2 + 12 = 0$

10. $7x^2 + 9 = 0$