

Algebra 1 B

Name _____

Unit 9 Objective 6 Practice

Period _____ Date _____

Solve the following. Remember there are **2** solutions! Your solutions should be in simplest radical form.

1. $x^2 = 64$

1. _____

2. $x^2 = 200$

2. _____

3. $x^2 = 48$

3. _____

4. $x^2 + 4 = 12$

4. _____

5. $x^2 - 8 = 72$

5. _____

6. $3x^2 = 150$

6. _____

7. $\frac{x^2}{6} = 4$

7. _____

8. $2x^2 - 5 = 83$

8. _____

9. $\frac{x^2}{5} + 4 = 12$

9. _____

10. $-2x^2 + 12 = -20$

10. _____

11. $(x + 2)^2 = 49$

11. _____

12. $(x - 4)^2 = 100$

12. _____

13. $3(x + 5)^2 = 48$

13. _____

14. $(x - 2)^2 - 9 = 72$

14. _____

15. $-2(x + 6)^2 = -450$

15. _____