

Name: _____

Date: _____

Algebra I

Directions: Solve and check each quadratic equation.

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

5. $x^2 - 9 = 0$

2. $x^2 + 7x - 8 = 0$

6. $x^2 - \frac{1}{4} = 0$

3. $x^2 + x - 20 = 0$

7. $2x^2 - 2x = 4$

4. $2x^2 + 7x + 3 = 0$

8. $6x^2 + 5x = 4$

9. $3x^2 - 12x = -12$

10. $2x^2 = 2$

11. $5x^2 = 125$

12. $6x^2 + x = 1$

13. $x^2 - 49 = 0$

14. $2x^2 = 4x + 16$

15. $3x^2 = 363$