

College Prep Algebra
Quadratic Equations

NAME _____
HOUR _____ **DUE DATE** _____

Solve the following equations on your own paper. Show checks for # 1 - 15 odd.

1) $(x + 2)(x - 3) = 0$

2) $x(x - 5) = 0$

3) $x^2 - 5x - 6 = 0$

4) $x^2 + 9x + 14 = 0$

5) $6x^2 - 10x = 0$

6) $x^2 - x = 12$

7) $x^2 - 4x = 21$

8) $x^2 = 25$

9) $x(x + 2) = 35$

10) $4x^2 - 25 = 0$

11) $x^2 = 32 - 4x$

12) $4x^2 + 20x + 25 = 0$

13) $(x + 1)(x - 6) = 30$

14) $5x^3 = 40x^2 - 80x$

15) $8x^3 = 2x$

16) $(2x + 3)(x - 1) = 25$