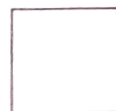


Name: \_\_\_\_\_

Unit 8: Quadratic Equations



Date: \_\_\_\_\_ Bell: \_\_\_\_\_

Homework 6: Solving Quadratics by Factoring  
(Day 2)

**\*\* This is a 2-page document! \*\***

**Solve each quadratic equation by factoring.**

1.  $2x^2 - 8x - 24 = 0$

2.  $5x^2 + 5x - 30 = 0$

3.  $4x^2 + 12x + 8 = 0$

4.  $3x^2 - 15x + 12 = 0$

5.  $3x^2 - 7x - 6 = 0$

6.  $2x^2 + 5x + 3 = 0$

7.  $4x^2 - 19x - 5 = 0$

8.  $10x^2 - x - 2 = 0$

**9.**  $6x^2 + 7x + 2 = 0$

**10.**  $12x^2 - 11x + 2 = 0$

**11.**  $3x^2 - 14x = 5$

**12.**  $2x^2 + 14 = 11x$

**13.**  $8 - 3x = 5x^2$

**14.**  $25x + 11 = -6x^2$

**15.**  $12x^2 = 17x + 5$

**16.**  $9 = 12x - 4x^2$