

Name:

Date:

Topic:

Class:

Main Ideas/Questions

Notes/Examples

**SOLVING
QUADRATICS**
By Factoring
(DAY 2!)

Example 1: $3x^2 + 9x - 12 = 0$

Example 2: $5x^2 - 20x - 60 = 0$

Example 3: $2x^2 + 3x - 5 = 0$

Example 4: $8x^2 - 22x + 5 = 0$

YOU TRY!

Directions: Solve the following quadratic equations by factoring.

1. $2x^2 + 10x + 8 = 0$

2. $4x^2 - 24x - 28 = 0$

3. $3x^2 + 13x - 10 = 0$

4. $5x^2 - 8x + 3 = 0$

5. $2x^2 + 13x - 7 = 0$

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

7. $4x^2 - 8x - 5 = 0$

8. $4x^2 + 12x + 9 = 0$

9. $3x^2 + 7x = -2$

10. $8x^2 + 3 = 10x$

11. $12x^2 + 32x = -5$

12. $5x^2 + 7x = x^2 + 2$