

Algebra I Worksheet #1 Unit 12 page 1 _____

Use the factoring method to solve each equation. Show your work neatly organized in the space provided.

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

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

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

4. $x^2 + 8x + 15 = 0$

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

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

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

8. $4x^2 + 23x + 15 = 0$

9. $8x^2 - 18x - 5 = 0$

10. $6x^2 - 13x + 6 = 0$

Algebra I Worksheet #1 Unit 12 page 2

Use the factoring method to solve each equation. Show your work neatly organized in the space provided.

11. $x^2 - 4x = 0$

12. $x^2 + 6x = 0$

13. $3x^2 - 7x = 0$

14. $5x^2 + 9x = 0$

15. $x^2 - 25 = 0$

16. $9x^2 - 16 = 0$

17. $x^2 - 6x + 9 = 0$

18. $x^2 + 10x + 25 = 0$

19. $4x^2 - 12x + 9 = 0$

20. $25x^2 + 40x + 16 = 0$