~Solve by Factoring Notes~

SOLVING WHEN ALREADY IN FACTORED FORM

Solve.

1. (x + 1)(x - 5) = 0	2. (4x + 5)(x + 1) = 0	3.(2x + 3)(4x + 3) = 0	4. 2x(3x + 1) = 0	

SOLVING USING GREATEST COMMON FACTOR

Factor using GCF. Then solve.

5. $6x^2 + 12x = 0$	6. $x^2 + 14x = 0$

SOLVING USING THE DIFFERENCE OF TWO SQUARES

Factor using DOTS. Then solve

7. $x^2 - 36 = 0$	8. $4x^2 - 81 = 0$

SOLVING TRINOMIALS

Factor each trinomial. Then solve.

9. x ² + 3x - 28 = 0	10. x ² + x - 42 = 0
11. 2x ² +5x + 3 = 0	12. 2x ² - x - 6 = 0