

Section/Lesson Title: SOLVING BY FACTORING

Materials: WS

HW# 3.3 WS

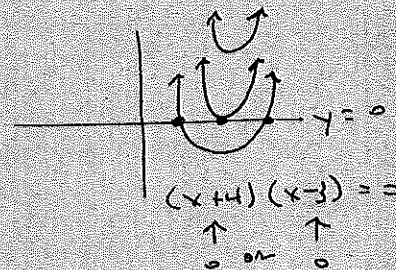
Reflections:

A. REVIEW FACTORING

- 1) GCF
- 2) Two terms \rightarrow DIF OF SQUARES $4x^2 - 16$
- 3) Three terms \rightarrow TRIN. SQ / GUESS: CHECK $x^2 - 4x + 3$
- 4) Four terms \rightarrow GROUPING $2x^2 + x^2 + 6x + 3$

B. SOLVING QUADRATICS

- 1) $3x^3 = 48x$
- 2) $2x^2 - 2x - 24 = 0$
- 3) $3x^2 + x = 4$



C. WRITE QUADRATIC EQ. IN STANDARD FORM

- 1) ROOTS: $x = 4, x = -5$ $y =$ _____
- 2) ROOTS: $x = -5$ AND $x = \frac{3}{4}$ $y =$ _____

TALK ABOUT GROUPING METHOD W/ $a > 1$
(MANY OF THEM HAVE DONE THIS BEFORE \smile)

$$9x^2 + 15x + 4$$

$$5x^2 - 9x - 2$$

$$2x^2 - 21x + 40$$