Week Mar 24-28   ALGEBRA 1B - Chapter 7 Section 3&4

Monday - Hand in page 3,4 as was homework for Mrs. Plecher to check while you work together on page 5,6

Then use last week's unused Kahoot--- do twice

- https://kahoot.it/challenge/09755319?challenge-id=6a35df94-15d6-42bb-9a0b-07404aeef3ff_1742204731839

Tuesday - Quiz on GCF factoring followed by review sheet on multiplying special products.

Wednesday - Use Notes/Examples from next slide. Then use Soft Practice pg 127 (column 1 first in each section, followed then by column 2

Thursday - continue with column 3 pg 127 and progress into online 7.4/pg 389 Practice #1-33 doing odds through dynamic classroom section 7.4.

Friday - Notes on Factoring special products - identify square roots so make a chart of them including variables

- Use Kuta Handouts as textbook has everything too mixed up on techniques and will be used later.

Week's Main objective to solve by GFC factoring (7.4)

7.4 Solving Polynomial Equations in Factored Form	Solve polynomial equations in factored form.	• I can use the Zero-Product Property to solve polynomial equations in factored form. • I can factor polynomials using the greatest common factor. • I can solve polynomial equations by rewriting them in factored form.

EXAMPLE Solving Equations by Factoring

Solve $3x^2 - 12x = 0$.

SOLUTION

$3x^2 - 12x = 0$	Write equation.
$3x(x - 4) = 0$	Factor left side using the GCF.
$3x = 0 \ \text{ or } \ x - 4 = 0$	Zero-Product Property
$x = 0 \ \text{ or } \ \ \ \ \ x = 4$	Solve for x.

$(4x + 5)(4x - 5) = 0$	Write equation.
$4x + 5 = 0 \ \ \text{ or } \ 4x - 5 = 0$	Zero-Product Property
$x = -\dfrac{5}{4} \ \text{ or } \ \ \ \ \ x = \dfrac{5}{4}$	Solve for x.