Week Feb 17-21 ALGEBRA 1B ---- Chapter 7 Section 2

Monday - No class as Teacher Inservice

<u>Tuesday</u> - Work day on note-taking for multiplying polynomials by monomials and dividing polynomials by monomials. (see next slide and GC post) - Students can work together as substitute (report to Mr. Spiri's room to work)

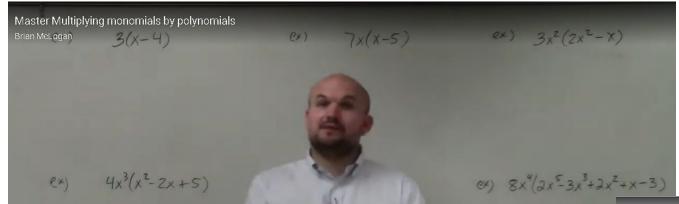
<u>Wednesday</u> - Review your notes from yesterday, review last weeks quiz, and complete soft practice work pg. 123 FIRST COLUMN numbered problems - do them from finish for homework.

Thursday - Work with FIREFLY on Algebra 1B test -

<u>Friday</u> - Work on finishing FIREFLY test session followed by 2nd column problems pg. 123

Tuesday - Notes on examples for Multiplying Monomial/polynomial

Watch, stop, note take down example with steps, and repeat for these 6 examples through EDPUZZLE ---- then do the division example EDPUZZLE



Dividing a Polynomial by a Monomial

$$\frac{No^{TE}}{C} = \frac{a^{\circ}}{C} + \frac{b}{C}$$

Week objective from our textbook

Section 7.2: Multiplying and Dividing Polynomials

Common Core State Standards: A.APR.A.1

Learning Target: Multiply and divide polynomials.

Success Criteria

- Multiply and divide polynomials by monomials.
- Multiply binomials using the Distributive Property.
- Multiply binomials using the FOIL Method.
- Multiply binomials and trinomials.

Vocabulary: FOIL Method

Example 1

Students will multiply polynomials and monomials.

a.
$$-2x(3x+7)$$

b.
$$3x^2(5x^2-2x+6)$$

Example 2

Students will divide polynomials.

a.
$$\frac{x^4 + 4x^3 + 11x}{x^2}$$

b.
$$\frac{6y-30}{y-5}$$

Example 3

Students will multiply binomials using the Distributive Property.

a.
$$(x+2)(x+5)$$

a.
$$(x+2)(x+5)$$
 b. $(x+3)(x-4)$

Example 4

Students will multiply (2x-3)(x+5) using a table.