

4 NOVEMBER 2019

 \square

 \mathbf{a}

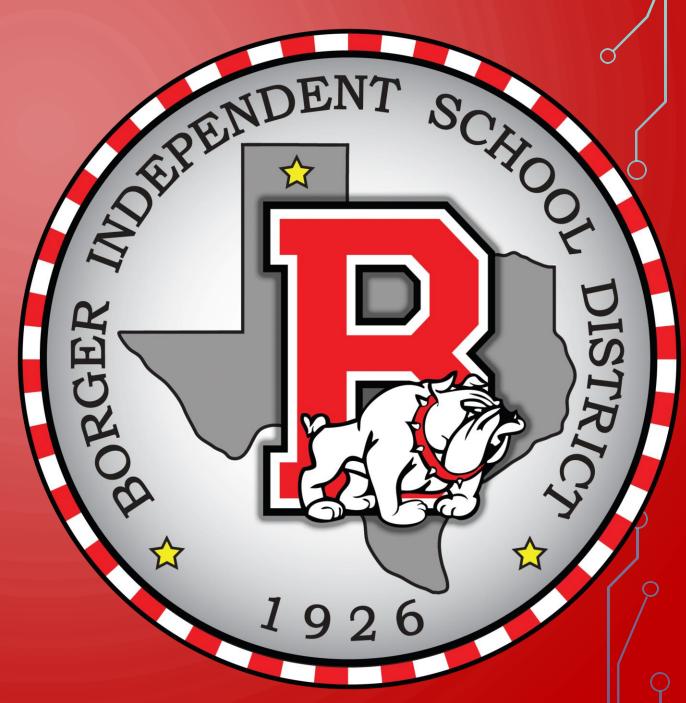
Q

ററ്

B

 \bigcirc

Q



2A.7 (B) add, subtract, and multiply polynomials; 2A.7 (C) determine the quotient of a polynomial of degree three and of degree four when divided by a polynomial of degree one and of degree two; 2A.7 (D) determine the linear factors of a polynomial function of degree three and of degree four using algebraic methods; 2A.7 (E) determine linear and quadratic factors of a polynomial expression of degree three and of degree four, including factoring the sum and difference of two cubes and factoring by grouping;

ρ

We will be able to determine the linear factors of a polynomial.



WHAT WE NEED:

- Definition of polynomial
- Laws of Exponents
- Addition and Subtraction of Polys
- Multiplication of Polys
- Division of Polys

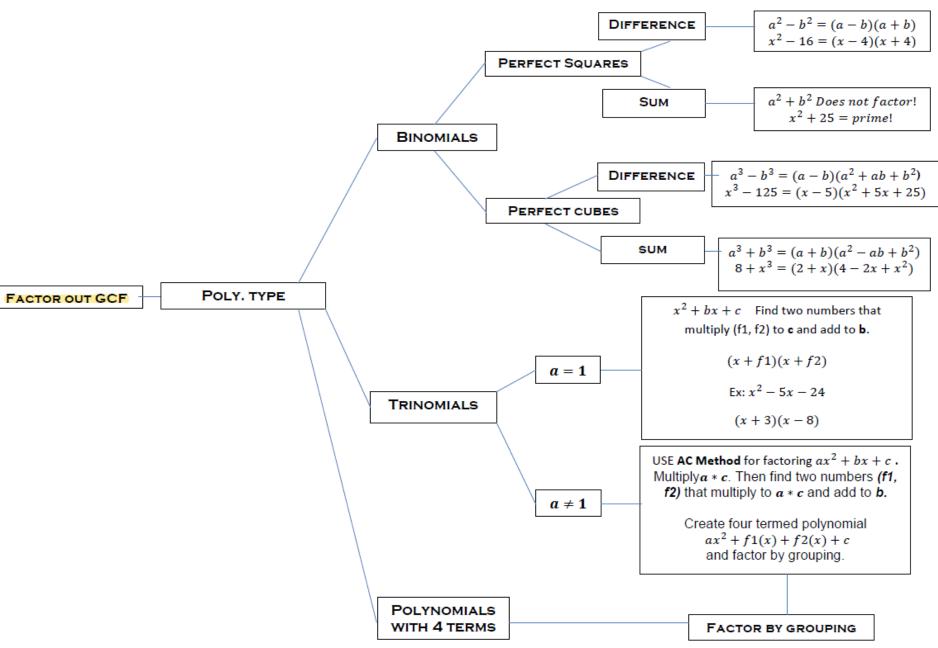
I WILL BE ABLE TO COMPLETE MY HOMEWORK GIVEN THE

• Polynomial



FACTORING POLYNOMIALS FLOW CHART

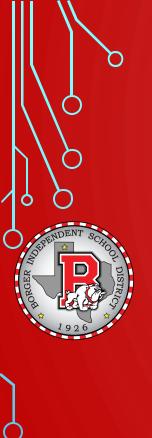
0





Greatest Common Factor

The **greatest common factor**, abbreviated GCF, is an expression of the highest degree that divides each term of the polynomial.









80x y z 30x yz 10x2yz

20x8y2+15xy2+35x33 $= 5x^{3}y^{2}z(4x^{3}z+3x^{2}+7y)$



