Topic 9 Outline - ALGEBRA 1/ HONORS

**POLYNOMIAL OPERATIONS**

**2/7 – Wednesday – Section 17.1/Section 17.2 – Understanding Polynomial Expressions and Adding Polynomial Expressions (MAFS.912.A-SSE.1.1/.2 and MAFS.912.A-APR.1.1 and MAFS.912.A-CED.1.1** **)**

**Essential Question:** How do you add polynomials?

**Vocabulary:** Monomial, Polynomial, binomial, trinomial, degree of polynomial, standard form of a polynomial, leading coefficient

**Classwork:** Evaluate pg. 813 # 17-21 all Online book

**Home Learning:** Complete online assignment 17.2

**2/8 - Thursday – EOC PRACTICE TEST – COMPUTER LAB**

**2/9 Friday – Long Term Memory skills (Review for EOC)**

**2/12 – Monday – Section 17.3 – Subtracting Polynomial Expressions (MAFS.912.A-APR.1.1/MAFS.912.A-CED.1.1)**

**Essential Questions:** How do you subtract polynomials?

**Vocabulary:**

**Classwork:** Evaluate pg. 836-838 # 14-21 all Online book

**Home Learning:** Complete online assignment 17.3

**2/13 - Tuesday – Section 18.1/Section 18.2 – Multiplying Polynomial Expressions by a monomial (MAFS.912.A-APR.1.1) and Multiplying Polynomial Expressions**

**Essential Questions:** How do you multiply binomials and polynomials?

**Vocabulary:** FOIL, Box Method, and Distributive Property Method

**Classwork:** Evaluate pg. 861-864 # 1-5 all, 19-23 all Online book

**Home Learning:** Complete online assignment 18.2

**2/14 Wednesday – Section 18.3 - Special Product Binomials (MAFS.912.A-APR.1.1)**

**Essential Questions:** How can you find special products of binomials?

**Vocabulary:** perfect square trinomial, difference of two squares

**Classwork:** Evaluate pg. 745-746 # 1-3, 13-15, 19-23 all Online book

**Home Learning:** Complete online assignment 18.3