Algebra 1- Unit 1.9 Chapter 9: Polynomials and Factors

February/March 2020

		5	6	7	8
		9.1 **Add and Subtract Polynomials** ✓ Hwk: Pg. 557: 1, 2, 6, 8, 11, 14, 27-33odd, 39, 44, 47, 53	9.2 **Multiply Polynomials** ✓ Hwk: Pg 565: 1, 8-10, 16, 31, 33, 34, 39, 40, 47, 49, 59, 62	9.3 **Find Special Products of Polynomials** ✓ Hwk: Pg 572: 9, 21, 29-39odd, 40, 48, 52, 56	
9	10	11	12	13	14	15
	9.4A **Solve Polynomial Equations in Factored Form** ✓ Hwk: Pg 578: 1, 11, 13, 18, 20, 27, 29, 35, 43, 45, 51, 52, 69, 73	9.4B **Quiz 9.1-9.3** ✓ Hwk: Pg 578: 2,12, 14, 22, 26, 30, 34, 55, 57, 61, 70	9.5A **Factor $x^2 + bx + c$** ✓ Hwk: Pg 586: 1, 3, 7, 11, 13, 15, 18, 21, 25, 35, 38, 39, 43, 47-49	9.5B **Factor $x^2 + bx + c$** ✓ Hwk: Pg 586: 2, 5, 9, 23, 27, 29, 36, 37, 40, 46, 51, 60, 79	**No School**	
16	17	18	19	20	21	22
	Presidents Day	9.6A **Factor ax^2+bx+c *Area models to factor.** ✓ Hwk: Pg 596: 1, 2, 7-9, 12, 13, 25-27, 40, 43, 48, 53, 61	9.6B **Factor ax^2+bx+c *Area models to factor.** ✓ Hwk: Pg 596: 14, 15-21odd, 28-30, 39, 46, 49, 62, 76	Review **Review 9.1-9.6 *Start 9.7 Notes** ✓ Hwk: Pg 599 #1-25 odds	9.7 **Factor Special Products** ✓ **Quiz 9.4-9.6** ✓ Hwk: Pg 603: 1, 6-8, 12, 13, 15-18, 21, 27-31odd, 42-44, 46, 48, 49, 65	
23	24	25	26	27	28	29
	9.8A **Factor Polynomials Completely** ✓ Word Problem Packet ✓ Hwk: Pg 610: 1, 5, 10, 15, 17, 22, 23, 27, 43, 61, 62, 68, 89	9.8B **Factor Polynomials Completely** ✓ Hwk: Pg 610: 9, 29-37odd, 42, 47, 50, 58, 63, 65, 70, 72, 80, 88	Chapter 9 Review ✓ Hwk: Pg 616: 1, 2, 4, 7-15odd, 19, 23, 27, 29, 33, 37, 41, 43 47, 49, 50, 53-61odd, 65	Chapter 9 Review ✓ Challenge Questions ✓ Clwk: 9.1-9.8 Review Packet ✓ Hwk: study for the test	**Review & Test Chapter** ✓ Hwk: Year Review #2 wkst.	

Essential Questions:
- What is the degree of a polynomial?
- How do you write a polynomial in standard form?
- How do you classify a polynomial?
- What are the different methods for multiplying a polynomial?
- How do you solve polynomial equations in multiple forms?
- What are the different methods for factoring trinomials?

Vocabulary:
- monomial
- degree of a monomial
- polynomial
- degree of a polynomial
- leading coefficient
- binomial
- trinomial
- roots
- vertical motion model
- perfect square trinomial
- factor by grouping
- factor completely