

LESSON PLANS		WEEK OF: February 11, 2019			
Period	Third	Fifth	Sixth	Fourth	
Subject	Algebra I	Geometry	Advanced Math	Algebra II	
Grade(s)	9th	10-12	12	11th - 12th	
NE SS#					
Monday	Objective	Lesson 7-3 Exponential Decay	Lesson 7-7 Properties of Parallelograms	Review of Chapter 6	Lesson 7-3 Negative Integer Exponents
	Activity	-Solve problems involving exponential growth and decay - graph exponential relationships	-Identify properties of special quadrilaterals - Determine whether conditions are sufficient for parallelograms and special quadrilaterals, and deduce properties of parallelograms	-Review of chapter concepts	-Evaluate b^n when $b > 0$ and n is a negative integer -Simplify expressions or solve equations using properties of exponents
	Assign	p. 415-418 (2-20)	p. 422-425 (2-20)	Review Worksheets	p. 469-471 (2-30)
NE SS#					
Tuesday	Objective	Review of Lessons 1-3	Lesson 7-8 Sufficient Conditions of Parallelograms	Chapter 6 Test	Review of Lessons 1 through 3
	Activity	-review concepts from lessons 1-3	-Determine whether conditions are sufficient for parallelograms and special quadrilaterals, and deduce properties of parallelograms		-Review of lessons 1 through 3
	Assign	Worksheets 1-3	p. 429-430 (2-20)	Test	Chapter 7 Worksheets 1-3
NE SS#					
Wednesday	Objective	Chapter 7 Quiz(sec. 1-3)	Review of Lessons 6 through 8	Lesson 7-1 Characteristics of Polynomial Functions	Chapter 7 quiz(sec. 1-3)
	Activity		Review of concepts from Lessons 6-8	-Calculate or approximate zeros and relative extrema of polynomials functions -Apply the vocabulary of polynomials - Construct and interpret polynomials that model real situations - Relate properties of polynomial functions and their graphs	
	Assign	Quiz(sec. 1-3)	Worksheets 6-8	p. 443-445 (2-22)	Quiz(sec. 1-3)
NE SS#					
Thursday	Objective	MAPS Testing	MAPS Testing	Lesson 7-2 Polynomial Models	Lesson 7-4 Compound Interest
	Activity			-use finite differences and systems of equations to determine an equation for a polynomial function from data points - Construct and interpret polynomials that model	-Apply the compound interest formulas
	Assign	None	None	p. 450-452 92-16)	p. 476-478 (2-18)
NE SS#					
Friday	Objective	Lesson 7-4 Modeling Exponential Growth and Decay	Chapter 7 Quiz(sec. 6-8)	Lesson 7-3 Division and the Remainder Theorem	MAPS Testing
	Activity	-Solve problems involving exponential growth and decay -Determine whether a situation is constant increase/decrease or Exponential growth/decay		-Find the quotient and remainder when one polynomial is divided by another of lesser degree	-Review concepts from lesson 4
	Assign	p. 422-424 (2-20)	Quiz over sections 6-8	p. 457-458 (2-20)	Compound Interest Worksheet 7-4B