

UNIT	SKILLS	TYPE OF ASSESSMENT USED
Intensive Review	<ul style="list-style-type: none"> • Operations with Polynomials • Factoring 	<ul style="list-style-type: none"> • Quizzes • Unit test
Rational Expressions	<ul style="list-style-type: none"> • Reducing rational expressions • Multiplying rational expressions • Dividing rational expressions • Adding or subtracting rational expressions that have the same denominator • Adding or subtracting rational expressions that have different denominators • Simplifying complex fractions • Simplifying complex rational expressions • Solving fractional equations 	<ul style="list-style-type: none"> • Quizzes • Unit test
The Irrational Numbers and the Real Numbers	<ul style="list-style-type: none"> • Completing the real-number line • Graphing solution sets involving one variable on a number line • Absolute-value equations • Absolute-value inequalities • Roots and radicals • Simplifying a radical • Adding and subtracting radicals • Multiplying radicals with the same index • Dividing radicals with the same index • Rationalizing a denominator containing a radical • The quadratic formula and quadratic equations with real roots • Solving radical equations 	<ul style="list-style-type: none"> • Quizzes • Unit test
The Complex Numbers	<ul style="list-style-type: none"> • Imaginary numbers • Complex numbers • Addition and subtraction of complex • Multiplication of complex numbers • Multiplicative inverses and division of complex numbers • Solving quadratic equations with imaginary roots • The nature of the roots of any quadratic equation • Using given conditions to write a quadratic equation • Solution of systems of equations • Quadratic inequalities 	<ul style="list-style-type: none"> • Quizzes • Unit test

UNIT	SKILLS	TYPE OF ASSESSMENT USED
Relations and Functions	<ul style="list-style-type: none">• Relations• Functions• Function notation• Types of functions• Special relations and functions• Composition of functions• Inverse functions under composition	<ul style="list-style-type: none">• Quizzes• Unit test
Exponential Functions	<ul style="list-style-type: none">• Laws of exponents• Exponents that are not positive• Scientific notation on the calculator• Fractional exponents• Exponential functions• Equations with fractional or negative exponents• Exponential equations	<ul style="list-style-type: none">• Quizzes• Unit test
Logarithmic Functions	<ul style="list-style-type: none">• Exponential functions and their inverses• Logarithmic form of an equation• Common logarithms on the calculator• Antilogarithms on the calculator• Applying the product rule• Applying the quotient rule• Applying the power rule• Exponential equations	<ul style="list-style-type: none">• Quizzes• Unit test
Geometry of the Circle	<ul style="list-style-type: none">• Arcs and angles• Arcs and chords• Inscribed angles and their measures• Tangents and secants• Angles formed by tangents, chords, and secants• Measures of chords, tangent segments, secant segments	<ul style="list-style-type: none">• Quizzes• Unit test