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| **Unit 1 (NO CALCULATOR ALLOWED)**Module 1: Whole Numbers* Topic 1.1 Whole Numbers
* Topic 1.2 Rounding
* Topic 1.3 Adding Whole Numbers; Estimation
* Topic 1.4 Subtracting Whole Numbers
* Topic 1.5 Basic Problem Solving
* Topic 1.6 Multiplying Whole Numbers

-Module 1 QuizModule 2: More Whole Numbers* Topic 2.1 Dividing Whole Numbers
* Topic 2.2 More with Multiplying and Dividing
* Topic 2.3 Exponents
* Topic 2.4 Order of Operations and Whole Numbers
* Topic 2.5 More Problem Solving

-Module 2 QuizModule 3: Factors and Fractions* Topic 3.1 Factors
* Topic 3.2 Prime Factorization
* Topic 3.3 Understanding Fractions
* Topic 3.4 Simplifying Fractions - GCF and Factors Method
* Topic 3.5 Multiplying Fractions
* Topic 3.6 Dividing Fractions

-Module 3 QuizModule 4: LCM and Fractions* Topic 4.1 Finding the LCM - List Method
* Topic 4.2 Finding the LCM - Prime Factor Method
* Topic 4.3 Writing Fractions with an LCD
* Topic 4.4 Adding and Subtracting Like Fractions
* Topic 4.5 Adding and Subtracting Unlike Fractions
* Topic 4.6 Changing a Mixed Number to an Improper Fraction

-Module 4 Quiz *\*Unit 1 Exam***Unit 3**Module 9: Introduction to Geometry* Topic 9.1 Definitions and Units
* Topic 9.2 Finding Perimeter
* Topic 9.3 Definitions and Units
* Topic 9.4 Finding Area
* Topic 9.5 Definitions
* Topic 9.6 Finding Circumference
* Topic 9.7 Finding Area
* Topic 9.8 Definitions and Units
* Topic 9.9 Volume

-Module 9 QuizModule 10: Variables and Expressions* Topic 10.1 Introduction to Expressions
* Topic 10.2 Evaluating Algebraic Expressions
* Topic 10.3 Simplifying Expressions
* Topic 10.4 The Distributive Property
* Topic 10.5 Simplifying Expressions with Parentheses
* Topic 10.6 Translating Words into Symbols

-Module 10 QuizModule 11: Introduction to Polynomials and Exponent Rules* Topic 11.1 Introduction to Polynomials
* Topic 11.2 Addition of Polynomials
* Topic 11.3 Subtraction of Polynomials
* Topic 11.4 Product Rule for Exponents
* Topic 11.5 Power Rule for Exponents

 -Module 11 QuizModule 12: Multiplying Polynomials and Exponent Rules* Topic 12.1 Multiplying by a Monomial
* Topic 12.2 Multiplying Binomials
* Topic 12.3 Multiplying Polynomials
* Topic 12.4 The Quotient Rule
* Topic 12.5 Integer Exponents
* Topic 12.6 Scientific Notation

-Module 12 Quiz \**Unit 3 Exam* | **Unit 2 (NO CALCULATOR ALLOWED)**Module 5: Operations with Decimals* Topic 5.1 Decimal Notation
* Topic 5.2 Comparing Decimals
* Topic 5.3 Rounding Decimals
* Topic 5.4 Adding and Subtracting Decimals
* Topic 5.5 Multiplying Decimals
* Topic 5.6 Dividing Decimals
* Topic 5.7 Converting Fractions to Decimals
* Topic 5.8 Converting Decimals to Fractions

-Module 5 QuizModule 6: Rates and Percents* Topic 6.1 Rates
* Topic 6.2 Percent Notation
* Topic 6.3 Percent and Decimal Conversions
* Topic 6.4 Percent and Fraction Conversions
* Topic 6.5 The Percent Equation
* Topic 6.6 Percent Applications

-Module 6 QuizModule 7: Adding and Subtracting with Real Numbers* 7.1 Intro to Real Numbers
* 7.2 Graphing Rational Numbers Using a Number Line
* 7.3 Finding the Absolute Value of a Real Number
* 7.4 Adding Real Numbers with the Same Sign
* 7.5 Adding Real Numbers with Different Signs
* 7.6 Finding the Opposite of a Real Number
* 7.7 Subtracting Real Numbers

-Module 7 QuizModule 8: Multiplying and Dividing with Real Numbers* Topic 8.1 Multiplying Real Numbers
* Topic 8.2 Finding the Reciprocal of a Real Number
* Topic 8.3 Dividing Real Numbers
* Topic 8.4 Exponents and the Order of Operations

-Module 8 Quiz *\*Unit 2 Exam***Unit 4**Module 13: Introduction to Solving Linear Equations* Topic 13.1 Translating Words into Equations
* Topic 13.2 Linear Equations and Solutions
* Topic 13.3 Using the Addition Property of Equality
* Topic 13.4 Using the Multiplication Property of Equality
* Topic 13.5 Using the Addition and Multiplication Properties Together

-Module 13 QuizModule 14: Solving More Linear Equations and Inequalities* Topic 14.1 Solving Equations with Variables on Both Sides
* Topic 14.2 Solving Equations with Parentheses
* Topic 14.3 Solving Equations with Fractions
* Topic 14.4 Solving a Variety of Equations

-Module 14 QuizModule 15: Linear Inequalities, Proportion, and Variation* Topic 15.1 Solving Equations and Formulas for a Variable
* Topic 15.2 Solving and Graphing Linear Inequalities
* Topic 15.3 Proportions
* Topic 15.4 Direct Variation
* Topic 15.5 Inverse Variation
* Topic 15.6 Applications

-Module 15 QuizModule 16: Roots and Radicals* Topic 16.1 Square Roots
* Topic 16.2 Higher-Order Roots
* Topic 16.3 Simplifying Radical Expressions
* Topic 16.4 Rational Exponents
* Topic 16.5 The Pythagorean Theorem
* Topic 16.6 The Distance Formula

-Module 16 Quiz \*Unit 4 Exam |
| **Unit 5**Module 17: Introduction to Graphing Linear Equations* Topic 17.1 The Rectangular Coordinate System
* Topic 17.2 Graphing Linear Equations by Plotting Points
* Topic 17.3 Graphing Linear Equations Using Intercepts
* Topic 17.4 Graphing Linear Equations of the Form x=a, y=b, and y=mx

-Module 17 QuizModule 18: Slope and the Equation of a Line* Topic 18.1 The Slope of a Line
* Topic 18.2 Slope-Intercept Form
* Topic 18.3 Graphing Lines Using the Slope and y-lntercept

-Module 18 QuizModule 19: Writing the Equations of a Line* Topic 19.1 Writing Equations of Lines Using a Point and Slope
* Topic 19.2 Writing Equations of Lines Using Two Points
* Topic 19.3 Writing Equations of Parallel and Perpendicular Lines
* Topic 19.4 Graphing Linear Inequalities in Two Variables
* -Module 19 Quiz

Module 20: Introduction to Functions* Topic 20.1 Relations and Functions
* Topic 20.2 The Vertical Line Test
* Topic 20.3 Function Notation
* Topic 20.4 Evaluating Functions

-Module 20 Quiz \*UNIT 5 EXAM **Unit 7**Module 25 Multiplying and Dividing Polynomials* Topic 25.1 Multiplying the Sum and Difference of Two Terms
* Topic 25.2 Squaring Binomials
* Topic 25.3 Dividing a Polynomial by a Monomial
* Topic 25.4 Dividing a Polynomial by a Binomial

-Module 25 QuizModule 26 Factoring Polynomials* Topic 26.1 Greatest Common Factor
* Topic 26.2 Factoring by Grouping
* Topic 26.3 Factoring Trinomials of the Form x2 + bx + c
* Topic 26.4 Factoring Trinomials of the Form ax2 + bx + c
* Topic 26.5 More Factoring of Trinomials

-Module 26 QuizModule 27 More Factoring and Quadratic Equations* Topic 27.1 Special Cases of Factoring
* Topic 27.2 Factoring Polynomials
* Topic 27.3 Solving Quadratic Equations by Factoring
* Topic 27.4 Applications

-Module 27 QuizModule 28 Introduction to Rational Expressions* Topic 28.1 Undefined Rational Expressions
* Topic 28.2 Simplifying Rational Expressions
* Topic 28.3 Multiplying Rational Expressions
* Topic 28.4 Dividing Rational Expressions

-Module 28 QuizModule 29 Adding and Subtracting Rational Expressions* Topic 29.1 Adding Like Rational Expressions
* Topic 29.2 Subtracting Like Rational Expressions
* Topic 29.3 Finding the Least Common Denominator for Rational Expressions
* Topic 29.4 Adding and Subtracting Unlike Rational Expressions

-Module 29 Quiz \*UNIT 7 EXAM | **Unit 6**Module 21: U.S. and Metric Measurement* Topic 21.1 U.S. Length
* Topic 21.2 U.S. Weight and Capacity
* Topic 21.3 Metric Length
* Topic 21.4 Metric Mass and Capacity
* Topic 21.5 Converting between U.S. and Metric Units
* Topic 21.6 Time and Temperature

-Module 21 QuizModule 22: Solving Systems of Linear Equations* Topic 22.1 Introduction to Systems of Linear Equations
* Topic 22.2 Solving by the Graphing Method
* Topic 22.3 Solving by the Substitution Method
* Topic 22.4 Solving by the Elimination Method
* Topic 22.5 Applications of Systems of Linear Equations

-Module 22 Quiz Module 23: Statistics* Topic 23.1 Bar Graphs
* Topic 23.2 Line Graphs
* Topic 23.3 Circle Graphs

-Module 23 Quiz Module 24: More Statistics* Topic 24.1 Mean
* Topic 24.2 Median
* Topic 24.3 Mode
* Topic 24.4 Basic Probability and Statistics

-Module 24 Quiz \*UNIT 6 EXAM **Unit 8**Module 30 Complex Rational Expressions and Rational Equations* Topic 30.1 Simplifying Complex Rational Expressions by Adding and Subtracting
* Topic 30.2 Simplifying Complex Rational Expressions by Multiplying by the LCD
* Topic 30.3 Solving Rational Equations

-Module 30 QuizModule 31 Operations of Radical Expressions* Topic 31.1 Adding and Subtracting Radical Expressions
* Topic 31.2 Multiplying Radical Expressions
* Topic 31.3 Dividing Radical Expressions
* Topic 31.4 Rationalizing the Denominator
* Topic 31.5 Solving Radical Equations

-Module 31 QuizModule 32 Solving Quadratic Equations* Topic 32.1 Introduction to Solving Quadratic Equations
* Topic 32.2 Solving Quadratic Equations by Factoring
* Topic 32.3 Solving Quadratic Equations using the Square Root Property
* Topic 32.4 Solving Quadratic Equations by Completing the Square
* Topic 32.5 Solving Quadratic Equations using the Quadratic Formula

-Module 32 QuizModule 33 Graphing Quadratic Equations* Topic 33.1 Introduction to Graphing Quadratic Equations
* Topic 33.2 Finding the Vertex of a Quadratic Equation
* Topic 33.3 Finding the Intercepts of a Quadratic Equation
* Topic 33.4 Graphing Quadratic Equations Summary

-Module 33 QuizModule 34 Complex Numbers and More Quadratic Equations* Topic 34.1 Complex Numbers
* Topic 34.2 The Distriminant in the Quadratic Formula
* Topic 34.3 Solving Quadratic Equations with Real or Complex Solutions

-Module 34 Quiz\*Unit 8 Test |