

**Jefferson County Educational Service Center
Virtual Learning Academy
Required Course Materials
MATHINTI: MATH INTEGRATED MATH I**

Unit 02: Factors, Powers, and Square Roots

Scientific Calculator or Graphing Calculator

Unit 03: Fractions

Scientific Calculator or Graphing Calculator

Unit 04: Decimals and Scientific Notation

Scientific Calculator or Graphing Calculator

Unit 05: The Real Number System

Scientific Calculator or Graphing Calculator

Unit 06: Solving Equations

Scientific Calculator or Graphing Calculator

Unit 07: Ratios and Proportions

Scientific Calculator or Graphing Calculator

Unit 08: Basics of Percent Problems

Scientific Calculator or Graphing Calculator

Unit 09: Mid-Semester Review

Scientific Calculator or Graphing Calculator

Unit 10: Applications of Percent

Scientific Calculator or Graphing Calculator

Unit 11: Process Data

Scientific Calculator or Graphing Calculator

Unit 12: Interpreting Data

Scientific Calculator or Graphing Calculator

Unit 13: Evaluating Data

Scientific Calculator or Graphing Calculator

Unit 14: Counting and Probability

Scientific Calculator or Graphing Calculator

Unit 15: Probability

Scientific Calculator or Graphing Calculator

Unit 16: Systems of Measurement

Scientific Calculator or Graphing Calculator

Ruler (inches and centimeters)

Unit 17: Points, Lines, Angles, and Circles

Scientific Calculator or Graphing Calculator

Protractor

Compass

Unit 18: First Semester Exam

Scientific Calculator or Graphing Calculator

Unit 19: Properties of Triangles

Scientific Calculator or Graphing Calculator

Ruler

Protractor

Unit 20: Polygons and Quadrilaterals; Sequences

Scientific Calculator or Graphing Calculator

Ruler

Unit 21: Transformations

Graph Paper

Ruler

Unit 22: Perimeter, Circumference, and Area

Scientific Calculator or Graphing Calculator

Graph Paper

Ruler

Unit 23: Surface Area

Scientific Calculator or Graphing Calculator

Isometric Dot Paper (provided as a link)

Unit 24: Volume

Scientific Calculator or Graphing Calculator

Unit 25: Pythagorean Theorem and Right Triangles

Scientific Calculator or Graphing Calculator

Graph Paper

Ruler

Unit 26: Scale Drawings, Similar Figures, Right Triangle Trigonometry

Scientific Calculator or Graphing Calculator
Ruler

Unit 27: Mid-Semester Review

Scientific Calculator or Graphing Calculator
Graph Paper
Ruler

Unit 28: Exponents

Scientific Calculator or Graphing Calculator

Unit 29: Polynomials

Scientific Calculator or Graphing Calculator

Unit 30: Relations and Functions

Scientific Calculator or Graphing Calculator
Graph Paper
Ruler

Unit 31: Slope and Linear Equations

Scientific Calculator or Graphing Calculator
Graph Paper
Ruler

Unit 32: System of Equations: Graphing and Substitution

Scientific Calculator or Graphing Calculator
Graph Paper
Ruler

Unit 33: Systems of Equations: Elimination

Scientific Calculator or Graphing Calculator
Graph Paper
Ruler

Unit 34: Inequalities and Absolute Value

Scientific Calculator or Graphing Calculator
Graph Paper
Ruler

Unit 35: Nonlinear Functions

Scientific Calculator or Graphing Calculator

Graph Paper

Ruler

Unit 36: Final Exam

Scientific Calculator or Graphing Calculator

Graph Paper

Ruler