

**Jefferson County Educational Service Center
Virtual Learning Academy
Required Materials
MATHINTII: MATH INTEGRATED MATH II**

Unit 01: Points, Lines, Planes

Ruler

Unit 02: Angles

Compasses, Protractor, and Ruler

Unit 03: The Coordinate Plane and Line Segments

Scientific Calculator or Graphing Calculator

Graph Paper

Unit 04: Coordinate Geometry

Scientific Calculator or Graphing Calculator

Graph Paper

Unit 06: Properties of Equality

Scientific Calculator or Graphing Calculator

Unit 07: Properties and Proofs of Segments and Angles

Scientific Calculator or Graphing Calculator

Unit 08: Formulas

Scientific Calculator or Graphing Calculator

Unit 09: Mid-Semester Review

Compasses, Protractor, and Ruler

Scientific Calculator or Graphing Calculator

Graph Paper

Unit 10: Angles, Transversals, and Parallel Lines

Scientific Calculator or Graphing Calculator

Unit 11: Parallel and Perpendicular Lines

Compasses, Protractor, and Ruler

Scientific Calculator or Graphing Calculator

Graph Paper

Unit 12: Properties of Triangles

Compasses, Protractor, and Ruler
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 13: Proving Triangles Congruent

Compasses, Protractor, and Ruler
Scientific Calculator or Graphing Calculator
Graph Paper

Unit 14: Specialties with Triangles and Indirect Proofs

Scientific Calculator or Graphing Calculator
Graph Paper

Unit 15: Inequalities and Triangle Inequalities

Scientific Calculator or Graphing Calculator
Graph Paper

Unit 16: Quadrilaterals, Parallelograms, and Rectangles

Scientific Calculator or Graphing Calculator
Graph Paper

Unit 17: Review

Scientific Calculator or Graphing Calculator
Graph Paper

Unit 18: First Semester Exam

Scientific Calculator or Graphing Calculator
Graph Paper

Unit 19: Special Parallelograms and Quadrilaterals

Compasses, Protractor, and Ruler
Scientific Calculator or Graphing Calculator

Unit 20: Ratio, Proportion, and Similar Figures

Scientific Calculator or Graphing Calculator

Unit 21: Proportional Parts of Similar Triangles

Compasses, Protractor, and Ruler
Scientific Calculator or Graphing Calculator

Unit 22: Features of Right Triangles

Scientific Calculator or Graphing Calculator

Unit 23: Right Triangle Trigonometry

Scientific Calculator or Graphing Calculator

Unit 24: Circles

Scientific Calculator or Graphing Calculator

Unit 25: Inscribed Angles, Tangents, and Secants

Compasses, Protractor, and Ruler

Scientific Calculator or Graphing Calculator

Unit 26: Special Segments and Equations of Circles

Compasses, Protractor, and Ruler

Scientific Calculator or Graphing Calculator

Graph Paper

Unit 27: Mid-Semester Review

Scientific Calculator or Graphing Calculator

Graph Paper

Unit 28: Polygons, Tessellations, and Area

Protractor and Ruler

Scientific Calculator or Graphing Calculator

Graph Paper

Unit 29: Applications of Polygons and Circles

Scientific Calculator or Graphing Calculator

Unit 30: Surface Area

Scissors and Tape

Scientific Calculator or Graphing Calculator

Unit 31: Volume

Scientific Calculator or Graphing Calculator

Unit 32: Graphing Equations of Lines

Scientific Calculator or Graphing Calculator

Graph Paper

Unit 33: Coordinate Proofs and Transformations

Scientific Calculator or Graphing Calculator

Graph Paper

Unit 34: Loci

Scientific Calculator or Graphing Calculator

Graph Paper

Unit 35: Permutations and Combinations

Scientific Calculator or Graphing Calculator

Unit 36: Final Exam

Scientific Calculator or Graphing Calculator

Graph Paper