



MB2 Intermediate Learning Objectives

- ❖ Students will know how to use, convert, and carry out basic operations with percentages
- ❖ Students will learn multiple methods for finding the GCF and LCM of two numbers
- ❖ Students will know how to solve problems containing basic probability
- ❖ Students will be able to construct and solve equations with one or two unknown variables
- ❖ Students will be able to construct and solve systems of equations
- ❖ Students will know how to find the perimeter and area of basic polygons
- ❖ Students will know how to find the surface area and volume of 3-D figures
- ❖ Students will be able to calculate simple interest
- ❖ Students will be able to find the measures of central tendency for a given data set
- ❖ Students will be able to use statistical techniques such as mean, median, mode, and range to analyze data
- ❖ Students will be able to read graphs that convey information about a data set
- ❖ Students will be able to use the Pythagorean Theorem and Pythagorean triples to find the side lengths of a right triangle
- ❖ Students will learn of the classification system for angles
- ❖ Students will learn how to calculate corresponding angles, alternate angles, and interior angles
- ❖ Students will be able to solve problems with ratios and proportions
- ❖ Students will learn about direct/indirect variation between variables and will solve complex problems