

## What you need to know:

### Lesson 1.1

- I. How to name points, lines, planes, rays, and segments.
- II. How to name opposite rays.

### Lesson 1.2

- I. How and when to use segment addition postulate.
- II. How to find indicated lengths.

### Lesson 1.3

- I. How to find a midpoint coordinate using the midpoint formula.
- II. How to find a segment length using the distance formula.

### Lesson 1.4

- I. How to name an angle.
- II. How and when to use angle addition postulate.
- III. How to find angle measures.

### Lesson 1.5

- I. How to use complementary, supplementary, linear pairs, and vertical angles when finding angle measures.
- II. How to identify complementary, supplementary, vertical angles, and linear pairs.

### Lesson 1.6

- I. How to identify if a figure is a polygon.
- II. How to classify a polygon by the # of sides.
- III. How to classify a polygon as equilateral, equiangular, regular, or not enough info.
- IV. How to classify a polygon as convex or concave.

### Lesson 1.7

- I. How to find perimeter and area of a rectangle, triangle, and square.
- II. How to find circumference and are of a circle.
- III. How to find a missing variable given using key info and a formula.
- IV. How to convert units using a conversion factor.