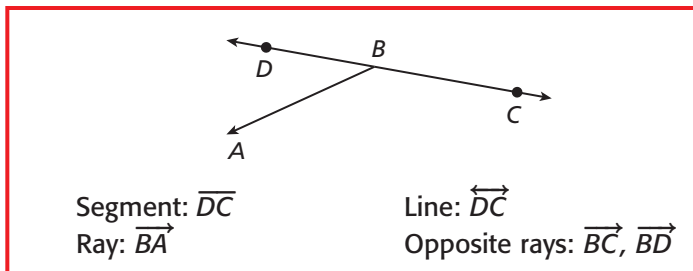


# Section Overview

## Points, Lines, and Planes

Lesson 1-1

**Why?** Understanding points, lines, planes, and segments is fundamental to the entire geometry course.

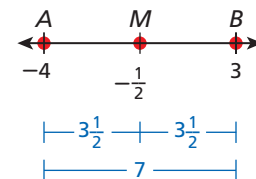
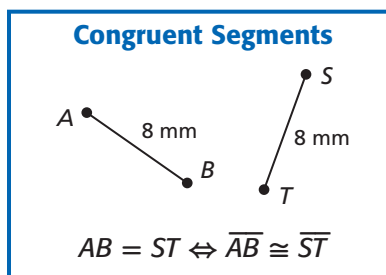
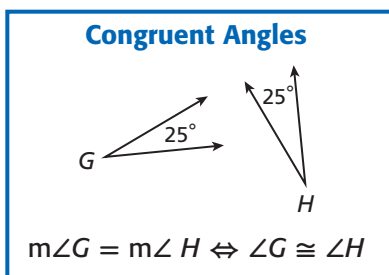


- The intersection of two lines is a point.
- The intersection of two planes is a line.
- If two points lie in a plane, then the line they determine lies in the plane.

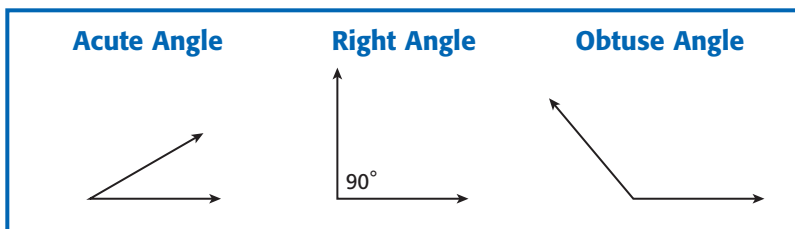
## Measuring Segments and Angles

Lessons 1-2, 1-3

**Why?** Distance and angle measure are important in carpentry, engineering, science, and many other areas.



$M$  is the midpoint of  $\overline{AB}$ .  
 $AM = \frac{1}{2}AB$      $MB = \frac{1}{2}AB$   
 $AM = MB$



## Pairs of Angles

Lesson 1-4

**Why?** Properties of angle pairs are used in science and engineering.

