**Geometry Assignment # 1**

**CCS: G-CO: Make geometric constructions**

**Construct a line segment of length with the following measurement**

1. **8.3 cm b) 5 in c) 11 cm d) 3 and (3/8) in**

**Draw an angle of the following measurements.**

1. **60 degrees b) 43 degrees c) 90 degrees d) 138 degrees**
2. **157 degrees e) 180 degrees**

**Copy the following line segments and the angles. Give their measurements.**

**Bisect a line segment**

Draw a line segment of length 6 inches and bisect the segment.

Draw a line segment of length 8.3 cm and bisect it.

Construct two **parallel line segments** of length 5 inches each.

Construct two **perpendicular line segments** of lengths 6 cm and 9 cm.

**Construct a parallel line to the given line through a point not on the given line.**

**Higher order thinking:**

**Find the perimeter of the following shapes.**