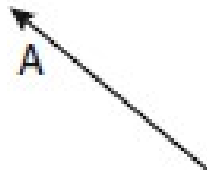


Name _____
Mr. Schlansky

Date _____
Geometry

Constructions Review Sheet

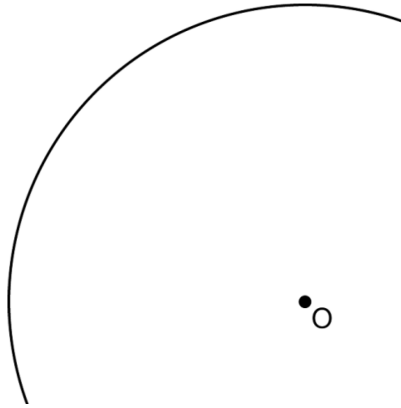
1. Using a compass and straightedge, construct the angle bisector of $\angle ABC$ shown below. [Leave all construction marks.]



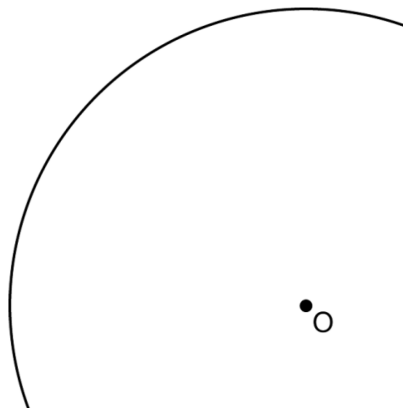
2. Using a compass and straightedge, and \overline{AB} below, construct an equilateral triangle with all sides congruent to \overline{AB} . [Leave all construction marks.]



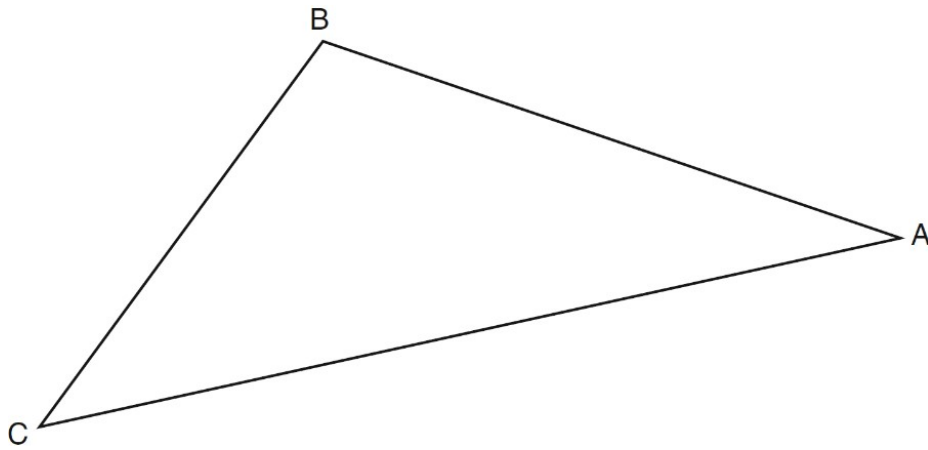
3. Using a straightedge and compass, construct a hexagon inscribed in circle O below. [Leave all construction marks.]



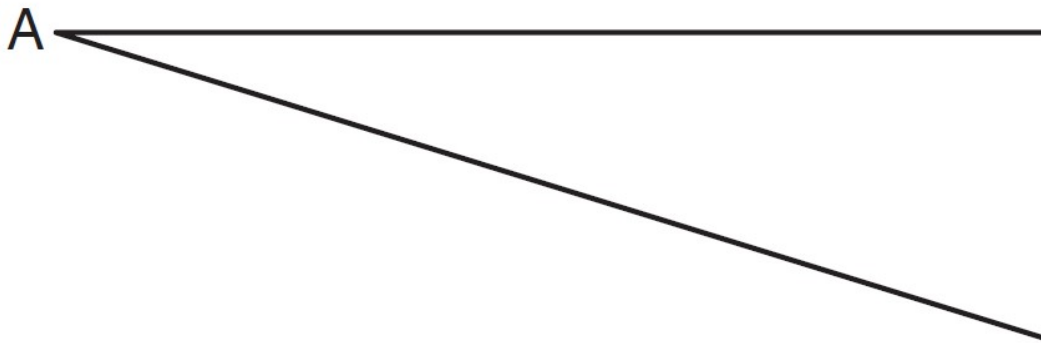
4. Using a straightedge and compass, construct a square inscribed in circle O below. [Leave all construction marks.]



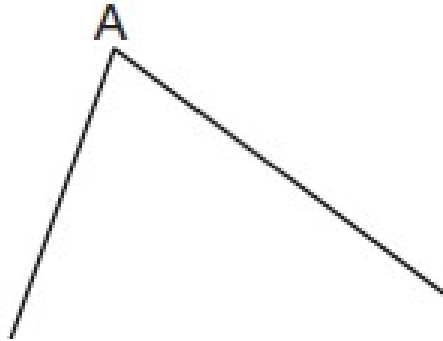
5. Using a compass and straightedge, construct a median to side AB. [Leave all construction marks.]



6. On the diagram of $\triangle ABC$ shown below, use a compass and straightedge to construct an altitude from B to side \overline{AC} . [Leave all construction marks.]



7. Triangle ABC is shown below. Using a compass and straightedge, construct the dilation of $\triangle ABC$ centered at B with a scale factor of 2. [Leave all construction marks.]



8. Construct the line of reflection for the following:

