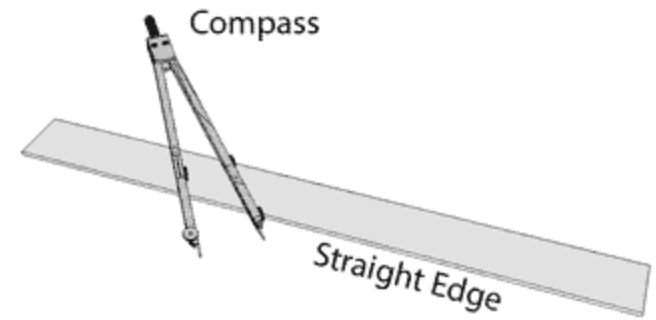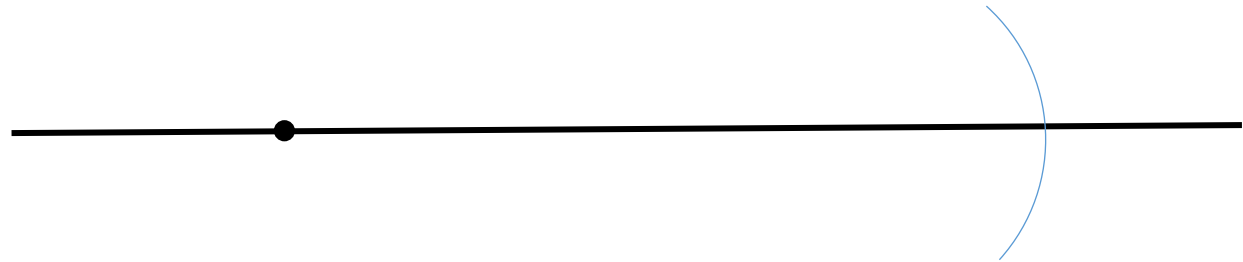Compass

Straight Edge

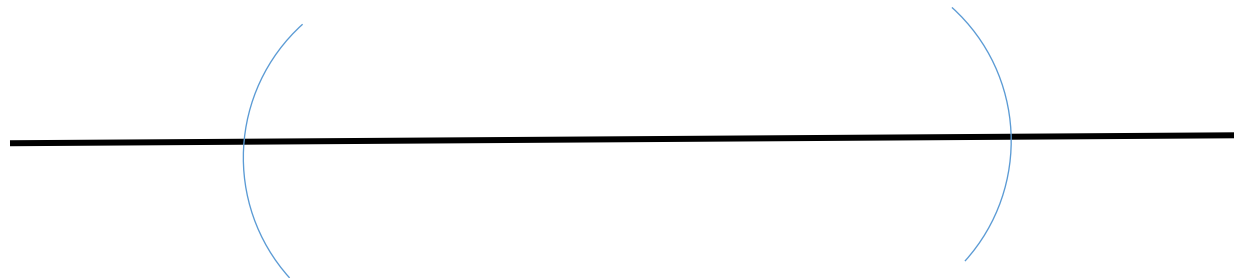## *Compass and Straightedge Constructions:*
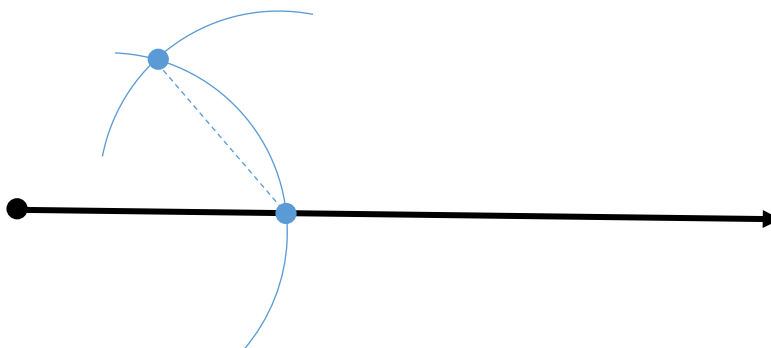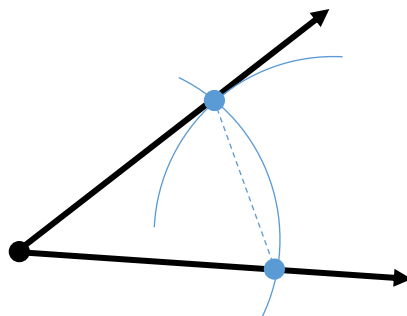
1. Copy a line segment.
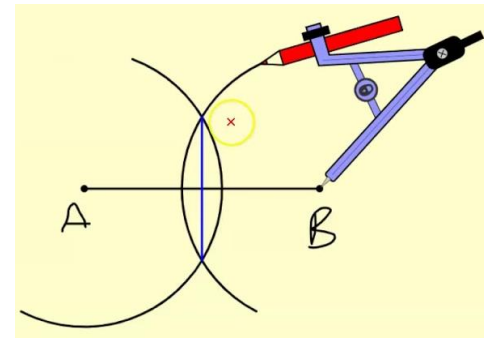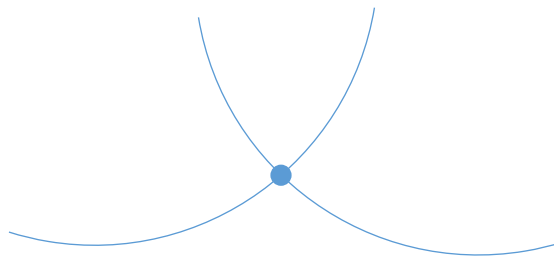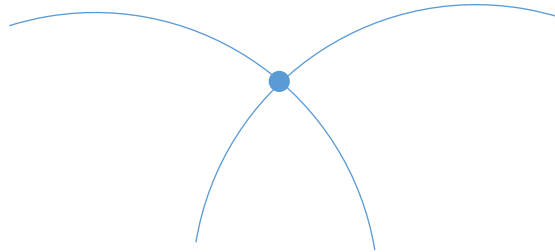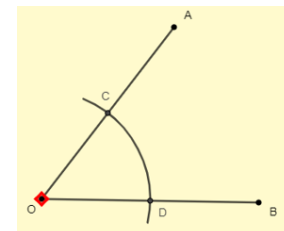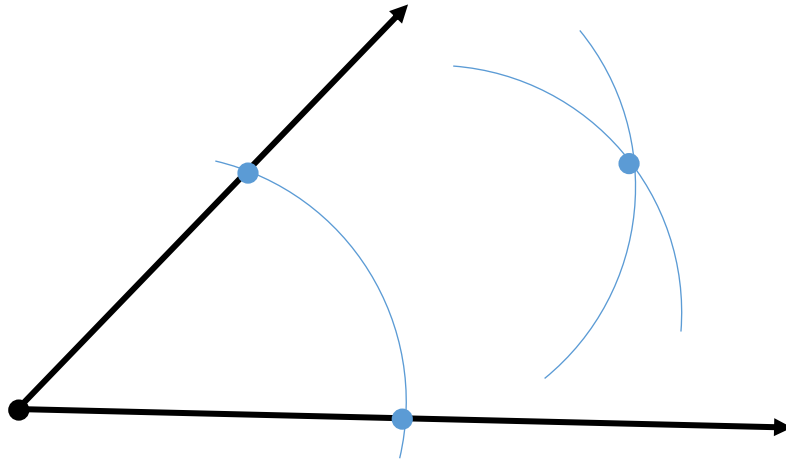
Given a point on a line:

Not given a point:

2. Copy an angle.
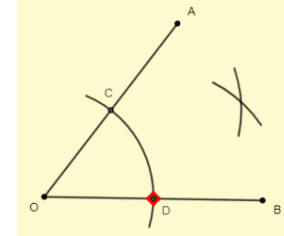
3. Perpendicular bisector of a segment.

4. Bisector of an angle.
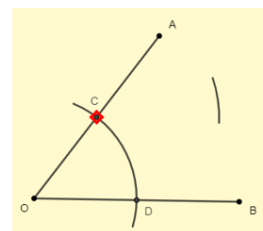
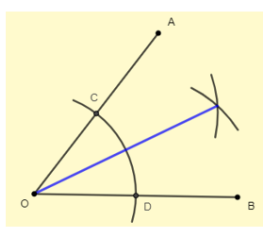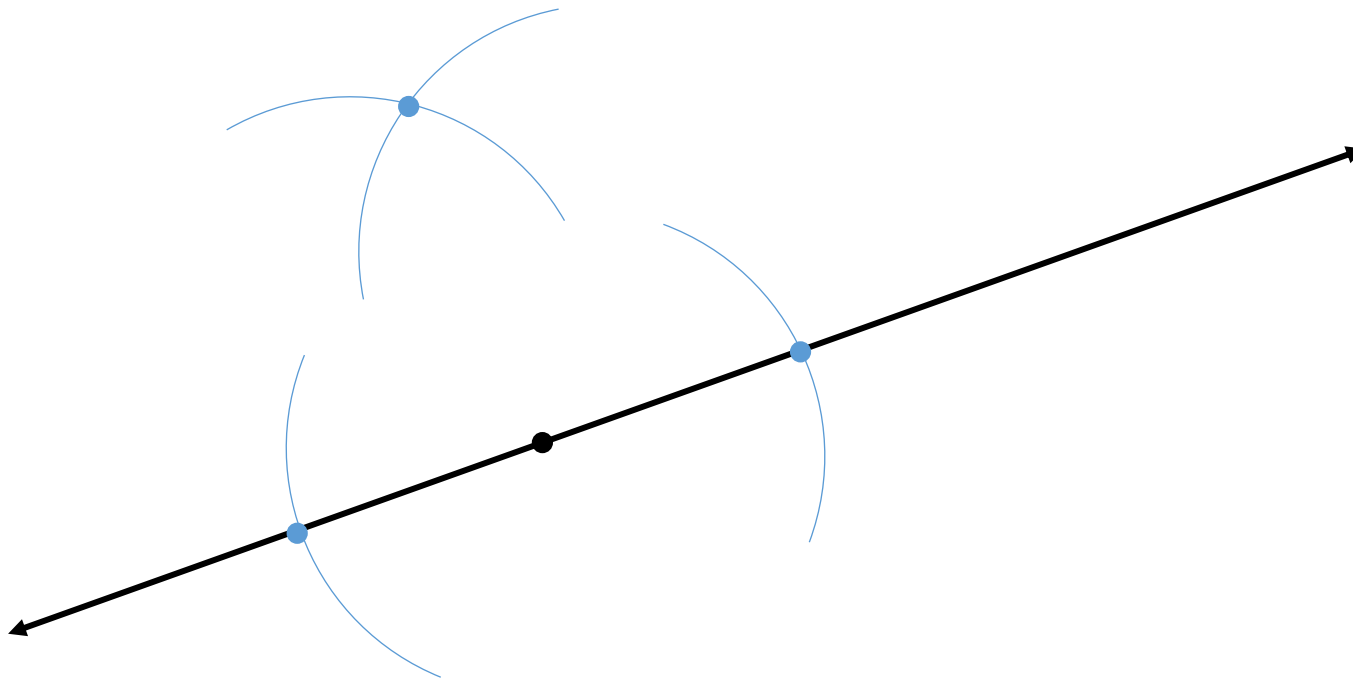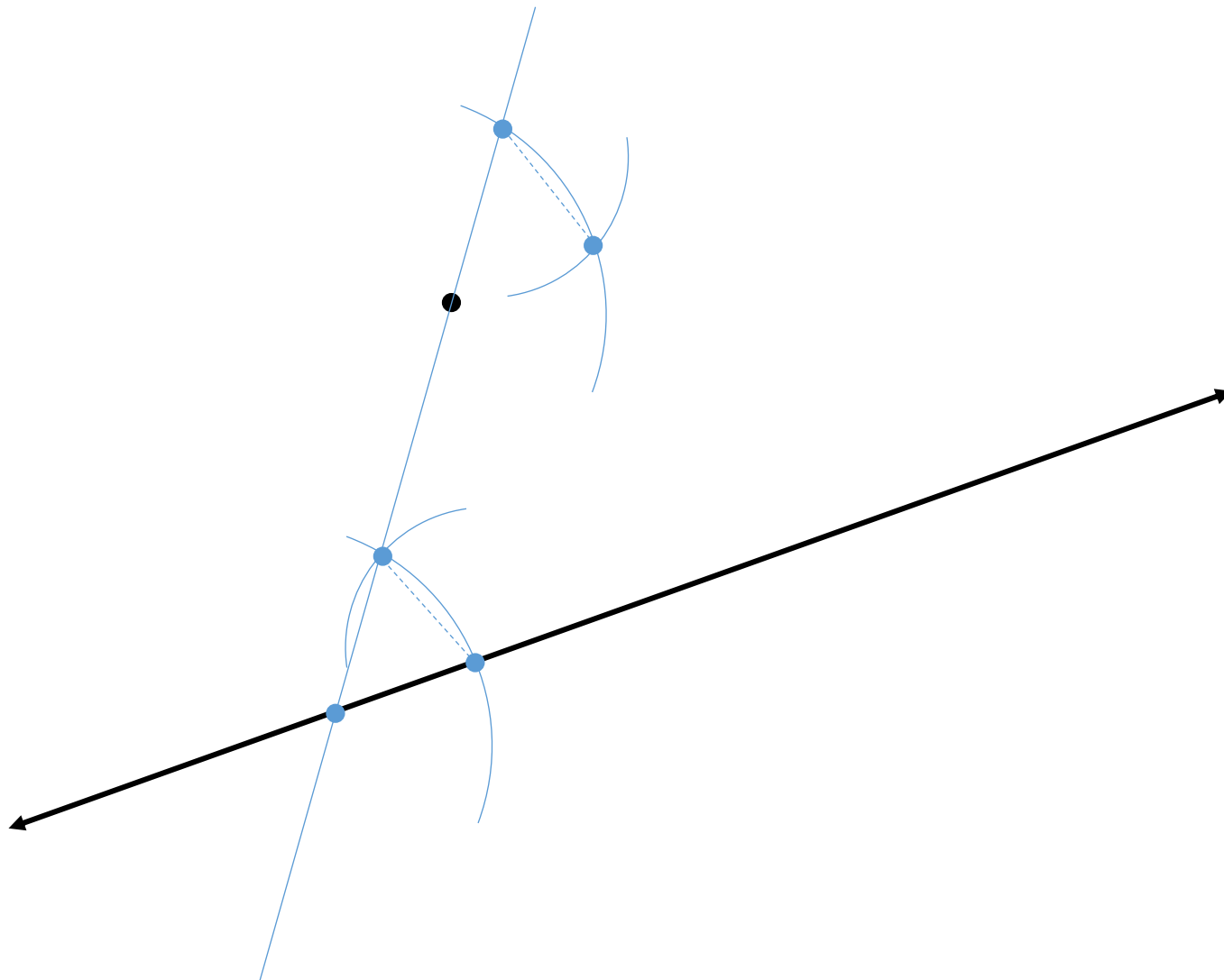**5. Construct a segment through a point not on a line that is perpendicular to the line.**
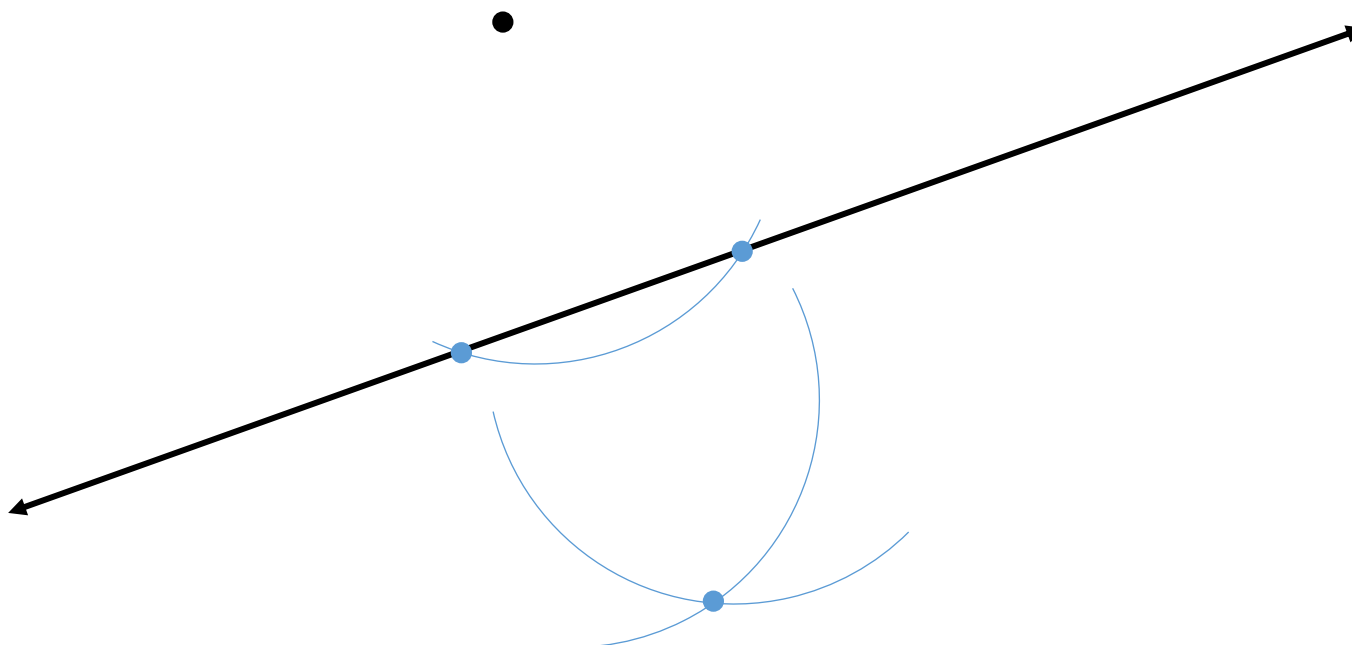
6. Construct a segment through a point on a line that is perpendicular to the line.

7. Construct a segment through a point not on a line that is parallel to the line.

8. Construct an equilateral triangle with a given segment as one of its sides.