Congruence Worksheet 1

1. How would you construct a line segment congruent to a given segment?

2. How would you find the midpoint of a given segment?

3. How would you construct the perpendicular bisector of a given segment?

4. How would you construct a line segment perpendicular to a given line segment that goes through a given point?

5. How would you construct a segment perpendicular to a given segment that goes through a point on the given segment?

6. How would you construct a line segment parallel to a given segment that goes through a given point?

7. How would you construct an angle congruent to a given angle?

8. How would you construct the angle bisector of a given angle?

9. How would you construct the angle bisectors of each of the three angles in the triangle?

10. How would you construct the orthocenter of a triangle?