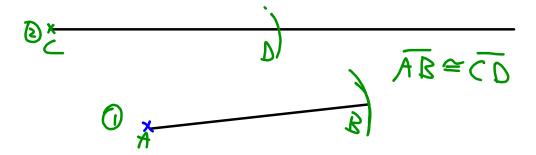
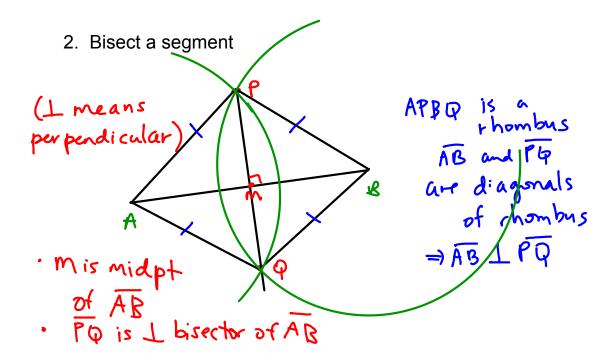
12.3 Constructions

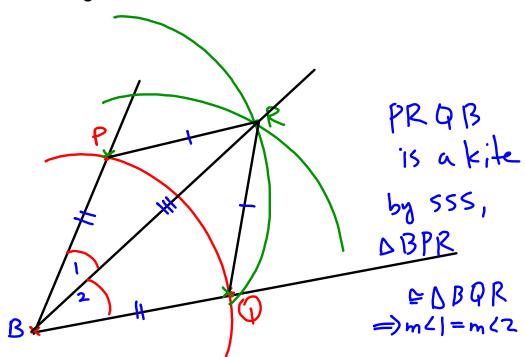
(with compass and straight edge)

1. Copy a segment

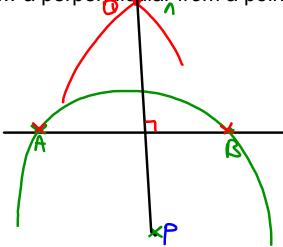




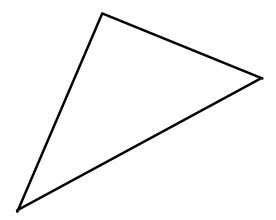
3. Bisect an angle



4. Draw a perpendicular from a point to a segment



5. Create the incenter of a triangle.



There are four types of centers for triangles:

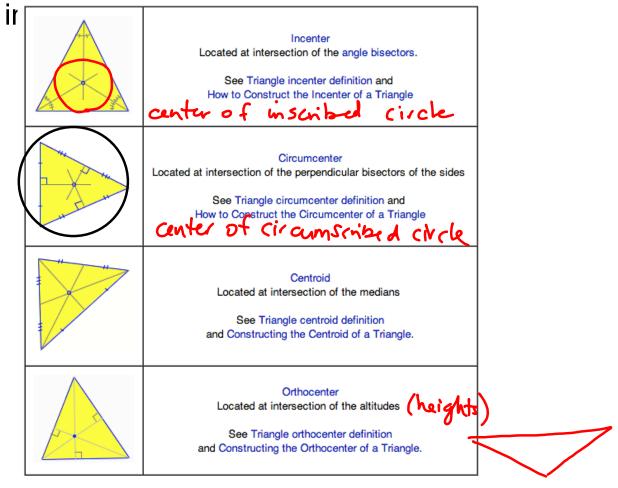
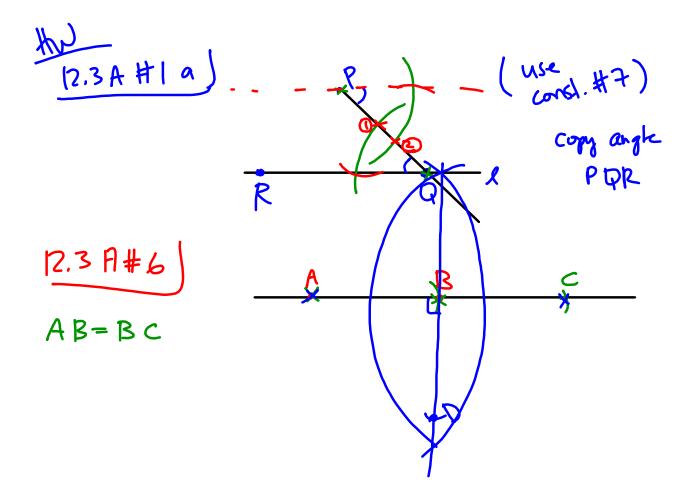
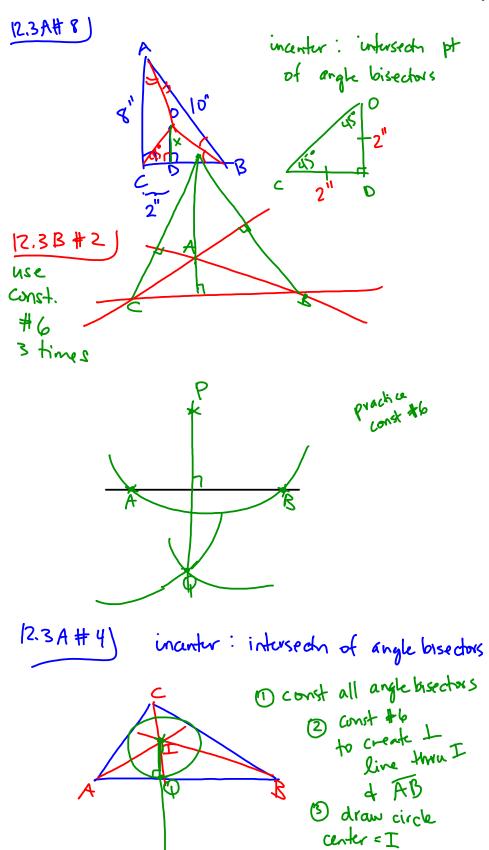


Table taken from http://www.mathopenref.com/trianglecenters.html

height (altitude) of a triangle is line segment that connects vertex to its opp. lig perpendicularly





radius is IP

