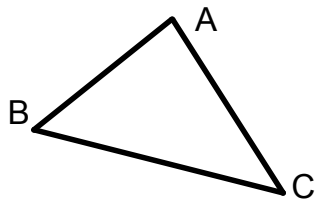
Name: _____

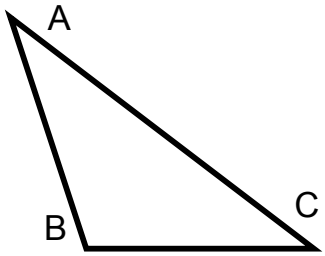
v.1.1

Sheet 1033: Drawing altitudes, angle bisectors, perpendicular bisectors, and medians

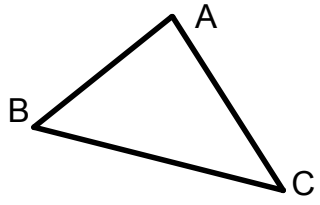
1. a) Draw the altitude from A to side BC.



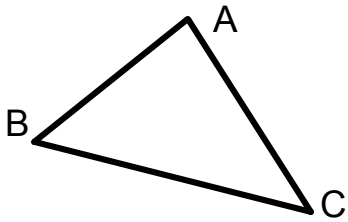
b) Draw the altitude from C in the diagram below.



2. Using an approximation, draw the angle bisector for the angle ACB (from vertex C).



3. Draw all three perpendicular bisectors for the triangle ABC. What is the point of concurrency called? Draw the circumcircle.



4. a) Draw all three medians for the triangle ABC.

b) What is the point of concurrency called? Mark the point of concurrency with the letter G.

c) If CG = 6 units, how long is the median (inside the triangle)?