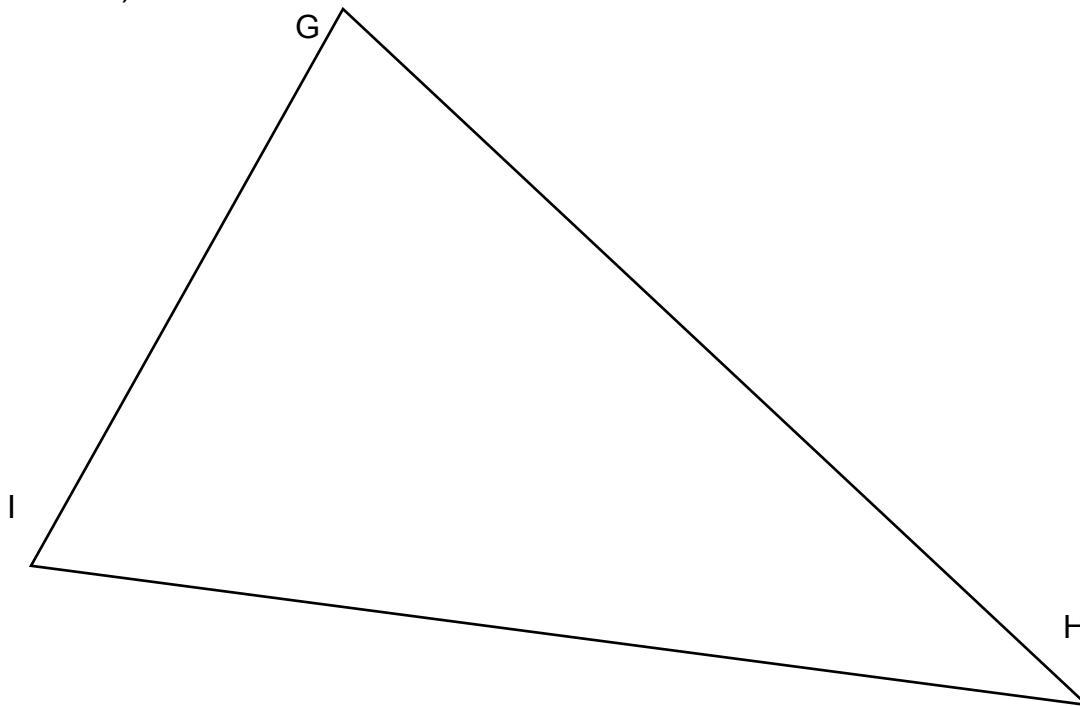1.   a) Construct the three perpendicular bisectors and label the circumcenter, O.
         b) Construct the circumscribed circle.

A

B   C
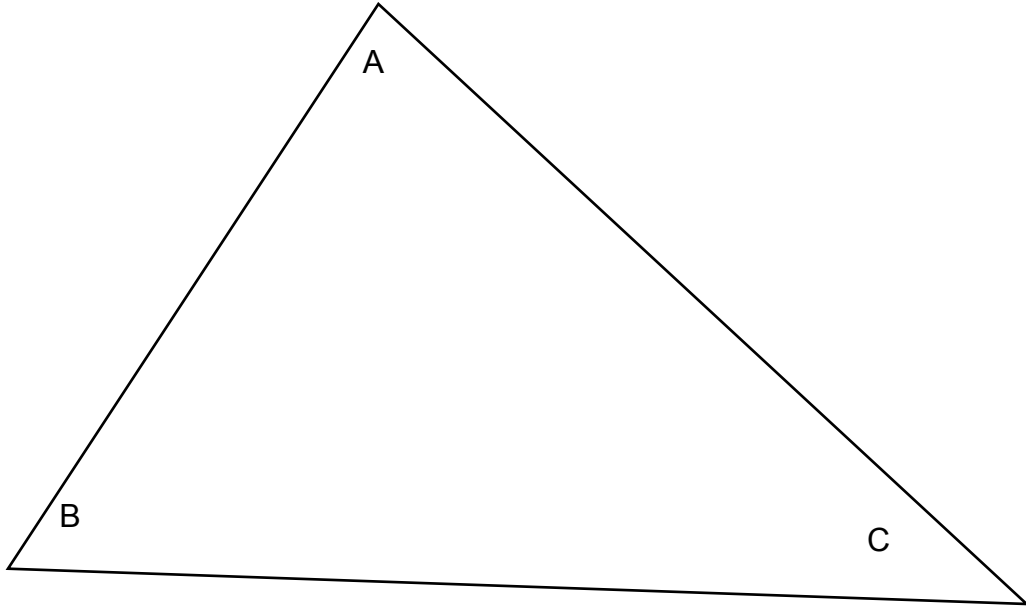
2.   a) Construct the three angle bisectors and label the incenter, I.

D

F

E
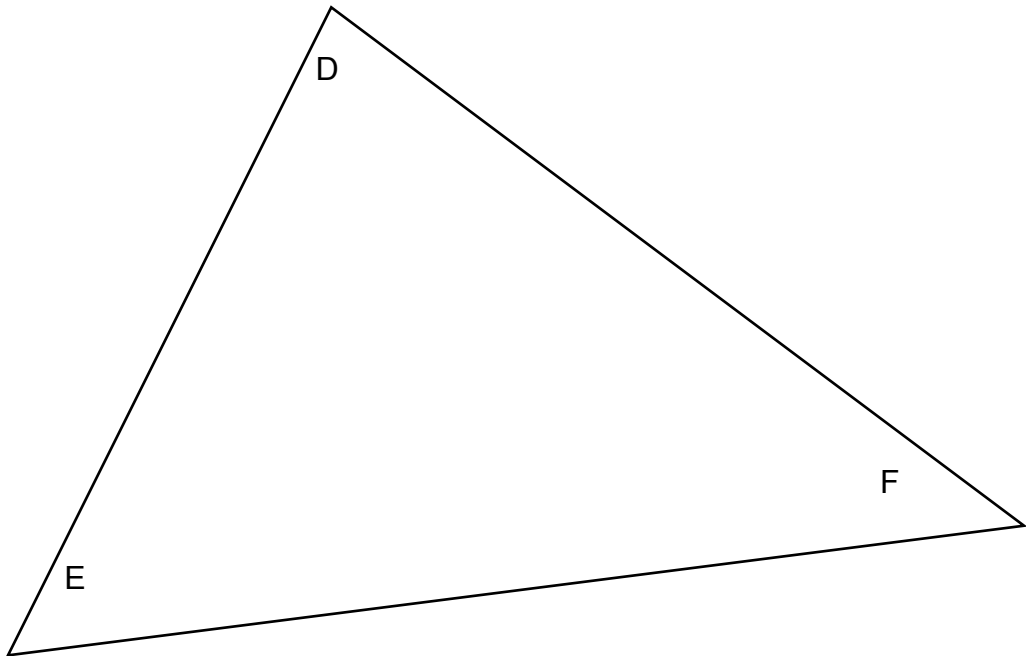
3. a) Construct the three altitudes and label the orthocenter, O
    b) Then find the orthocenter of ΔGHO

G

I

H

4. a) Construct the three medians and label the centroid, M
    b) Measure the three medians to the nearest millimeter (measure from vertex to centroid, and then centroid to midpoint) and verify that the centroid divides the medians in a 1:2 ratio.

J

K

L