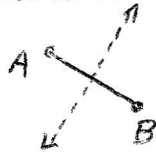


Defn locus - set of points
satisfying a given condition

Ex A circle is a locus of points in the plane
at a fixed distance from a fixed point.

Ex Describe the locus of points in the plane
that are equidistant from the endpoints
of a segment. (It is the line that is
the \perp bisector of \overline{AB})



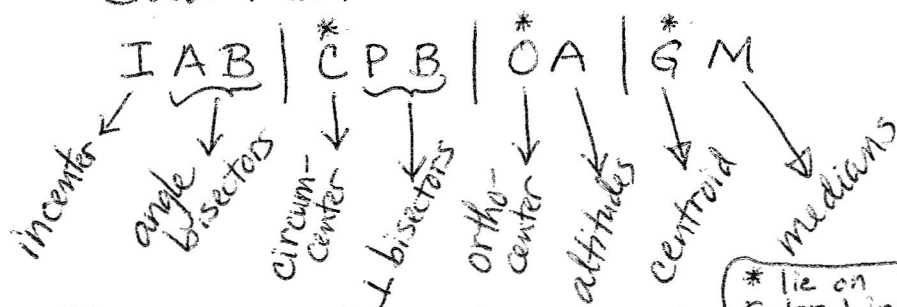
(82)

Defn: Median of a triangle -
segment with one endpoint
on the vertex of a
triangle and the other
endpoint is the midpoint
of the opposite side.



(83)

"I Always Buy Cling Peaches But Only At
Good Markets"



I: equidistant from sides; incircle
C: equidistant from vertices; circumcircle
G: center of gravity; divides median 2:1.

* lie on Euler Line

(86)