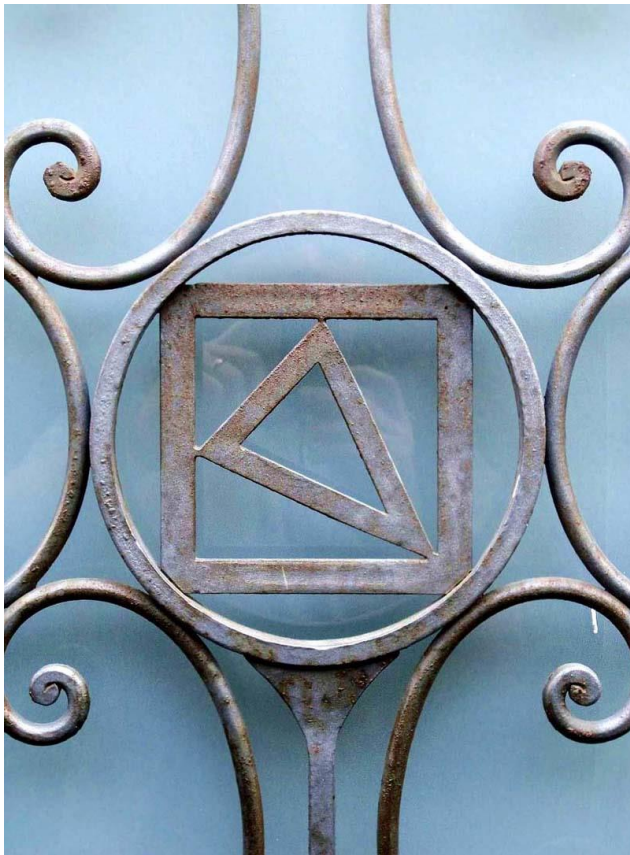
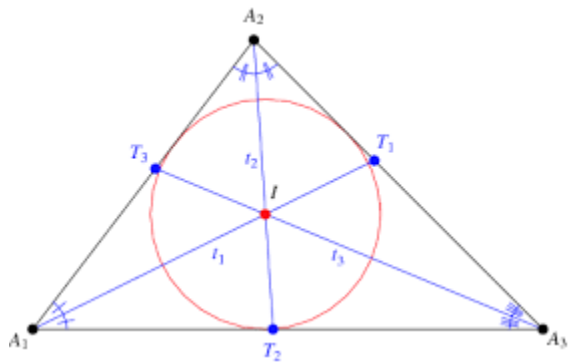

***INSCRIBED, INCIRCLE, INCENTER, AND
INCENTER THEOREM.***

Inscribed Definition: Is the largest possible circle that can be drawn inside a plane figure.

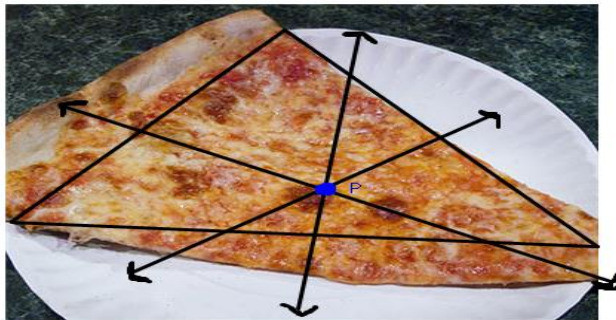


This is a real life example of inscribed because the design in the out side

Incircle : a circle inscribed in a triangle or other figure so as to touch (but not cross) each side.



INCENTER: The center of the circle of a triangle or other figure. In

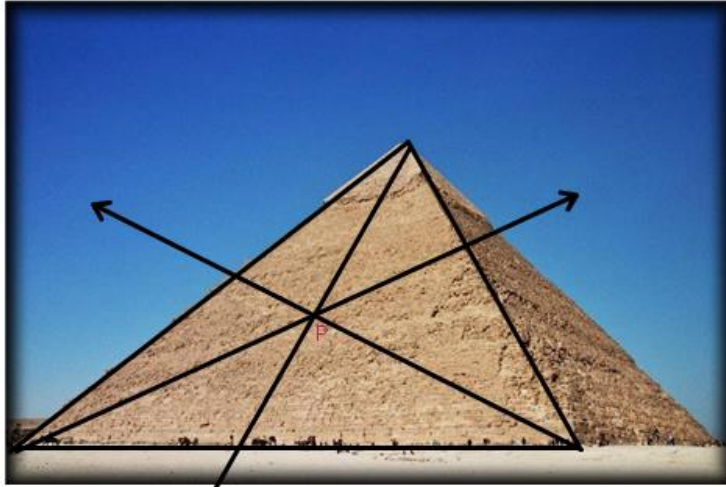


In the drawing, P is the circumcenter.

In an acute angle, the circumcenter is located INSIDE the triangle.

INCENTER THEOREM: The incenter of a triangle is equidistant from each side of the triangle. Note: to construct Incenter of Triangle: 1. Angle bisectors of each

triangle angle- total of 3.



It is important to remember that unlike the circumcenter, the incenter is always inside the triangle.

P represents the incenter in an acute angle.