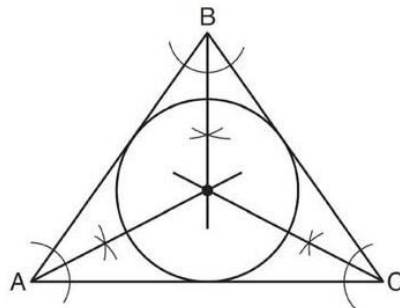


Week 7 ACTIVITY**STRAND 4: GEOMETRY****SUB – STRAND: CONSTRUCTING CENTERS TRIANGLES**

- Write True or False
 - The angle bisectors of a scalene triangle intersect outside the triangle

 - To find the point that is equidistant from the sides, find the circumcenter

- Which principle is used in the construction shown below?



- The intersection of the angle bisectors of a triangle is the center of the inscribed circle
 - The intersection of the angle bisectors of a triangle is the center of the circumscribed circle.
 - The intersection of the perpendicular bisectors of the sides of a triangle is the center of the inscribed circle.
 - The intersection of the perpendicular bisectors of the sides of a triangle is the center of the circumscribed circle.
- The coordinates of the endpoints of AB are $A(0, 0)$ and $B(0, 6)$. The equation of the perpendicular bisector of AB is
 - $x = 0$
 - $x = 3$
 - $y = 0$
 - $y = 3$

