



OVIDYA BHAWAN, BALIKA VIDYAPITH

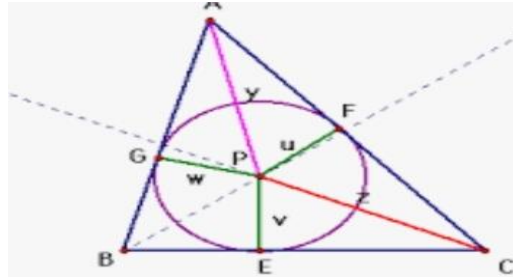
Shakti Utthan Ashram, Lakhisarai-811311(Bihar)

(Affiliated to CBSE up to +2 Level)

CLASS: VII

SUB.: MATHS (NCERT BASED)

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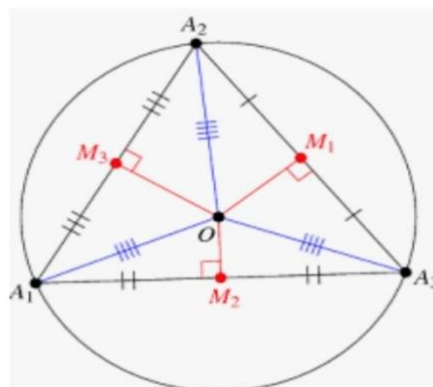


Incentre : The intersection point of all angle bisectors of a triangle is called in centre of the triangle

Incircle: the incircle or inscribed circle of a triangle is the largest circle contained in the triangle; it touches the three sides.

The center of the incircle is a triangle center called the triangle's incenter.

Perpendicular bisectors of a triangle: The perpendicular bisector of a side of a triangle is a line perpendicular to the side and passing through its midpoint.



Circumcenter: The three perpendicular bisectors of the sides of a triangle meet in a single point, called the circumcenter.

Circumcircle: The circumscribed circle or circumcircle of a triangle is a circle that passes through all the vertices of the triangle.

The center of this circle is called the circumcenter and its radius is called the circumradius.