

UIL Math – Centers of Triangles

Incenter = The point where the angle bisectors meet. The incenter is equidistant from the 3 sides of the triangle.

Circumcenter = The point where the perpendicular bisectors meet. The circumcenter is equidistant from the 3 vertices of the triangle.

Orthocenter = The point where the altitudes meet.

Centroid = The point where the medians of a triangle meet. The centroid is two-thirds of the distance from each vertex to the midpoint of the opposite side.