

# Median and Centroid, with Centroid Theorem

**LINK:** <https://www.youtube.com/watch?v=GiGLhXFBtRg>

Centroid is a point that may be considered as the Center of the triangle. It is the point where all 3 medians of the triangle intersect a vertex with the midpoint of the opposite side and it is often described as the triangles center of gravity in other words as the {Barycent}. It is formed by the intersection of the medians.

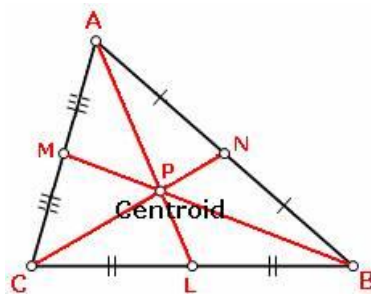
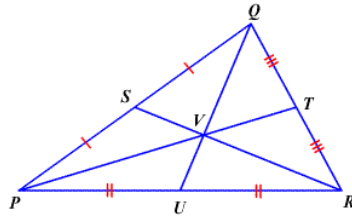


Image of a centroid:

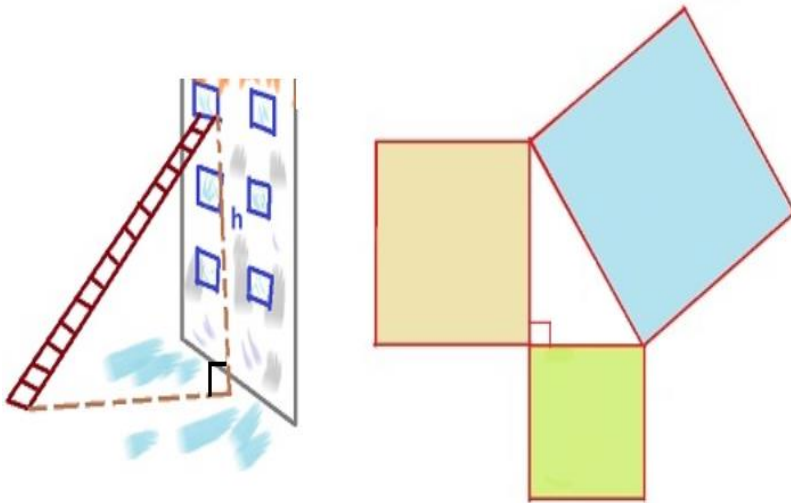


Ways it used in everyday life.

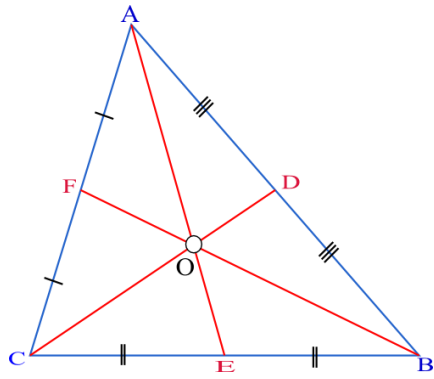
Centroid theorem: Centroid theorem states that the centroid of the distance from each vertex to the midpoint of the opposite side



Ways centroid theorem is used in everyday life



Median: A straight line from a vertex of a triangle to the midpoint of the opposite side. A triangle has exactly three medians, one from each vertex, and they all intersect each other at the triangle's centroid.



Ways median is used in life

