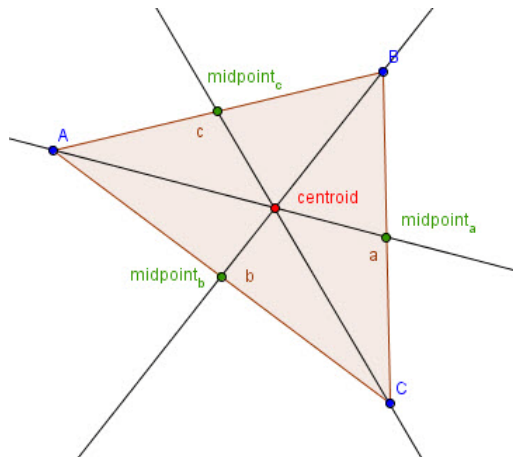




# Medians

Draw a triangle with GeoGebra and find the midpoints of each side. From each vertex construct a segment to the midpoint of the opposite side. A segment like this is called the **median** of a triangle. Find the point where these medians intersect. How is it called?



## Then try to answer the questions:

1. Can you change the shape of the triangle so that the three medians do NOT intersect at the same point? Can you make them intersect outside the triangle?
2. For each of the medians, measure the distance from the intersection of the medians to the vertex, then measure the distance from the intersection to the side. Can you observe a pattern in these lengths that is true of ALL the medians?

Good Luck 😊