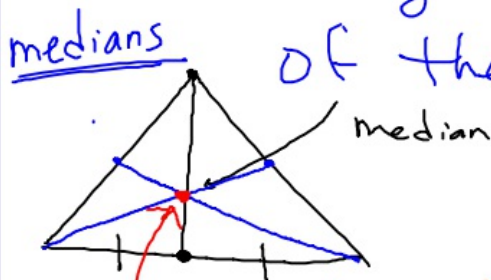


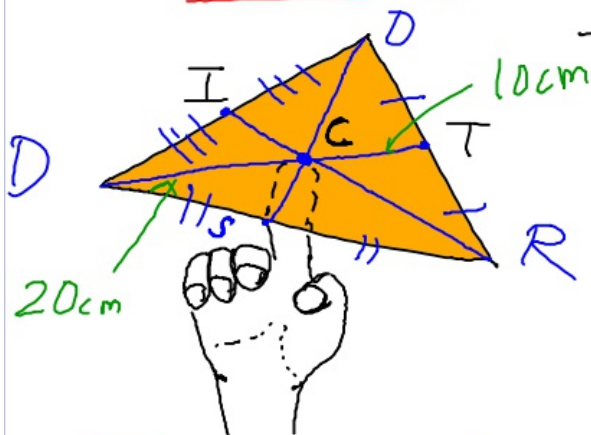
Medians & Altitudes

→ middle number; middle of the road

→ median: a line that connects a triangle's vertex (corner) of the opposite side (midpoint)



centroid: where the medians cross.



— it's the center of gravity for a triangle (balancing point)

— It splits each median into a 2:1 ratio.

The longer part is twice as long as the shorter part.

* $\overline{OS} = 45\text{cm}$ long.

$\overline{OC} = ?$ 30cm ^{2:15}

$\overline{CS} = ?$ 15cm ^{1:15}

$$\frac{45\text{cm}}{3} = 15\text{cm}$$

↑
2:1