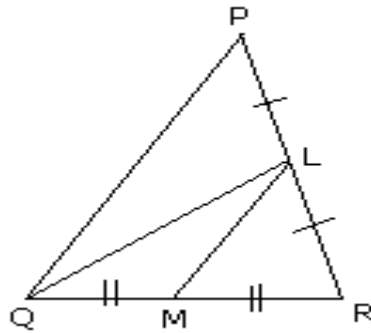


Q. 11.

(a) Show that a median divides a triangle into two triangles of equal areas. [4]

(b) In the given figure, area of $\Delta PQR = 44.8 \text{ cm}^2$, $PL = LR$ and $QM = MR$. Find the area of ΔLMR . [3]



(c) Factorize: $x^3 - 3x^2 - x + 3$ [3]