



Method of angle trisection: -

To trisect angle $\angle ABC$ draw arc PNQ & Segment PQ as shown in figure.

Trisect segment PQ at points R & S by well-established method.

Draw perpendicular to segment PQ at point R, which crosses to arc PNQ at point U.

Draw line parallel to Line UB through point R, which crosses to arc PNQ at point T.

Bisect angle $\angle TBU$ by Ray BM.

You will find that Ray BM will trisect the angle $\angle ABC$.

i.e. $m \angle ABM = 1/3 m \angle ABC$