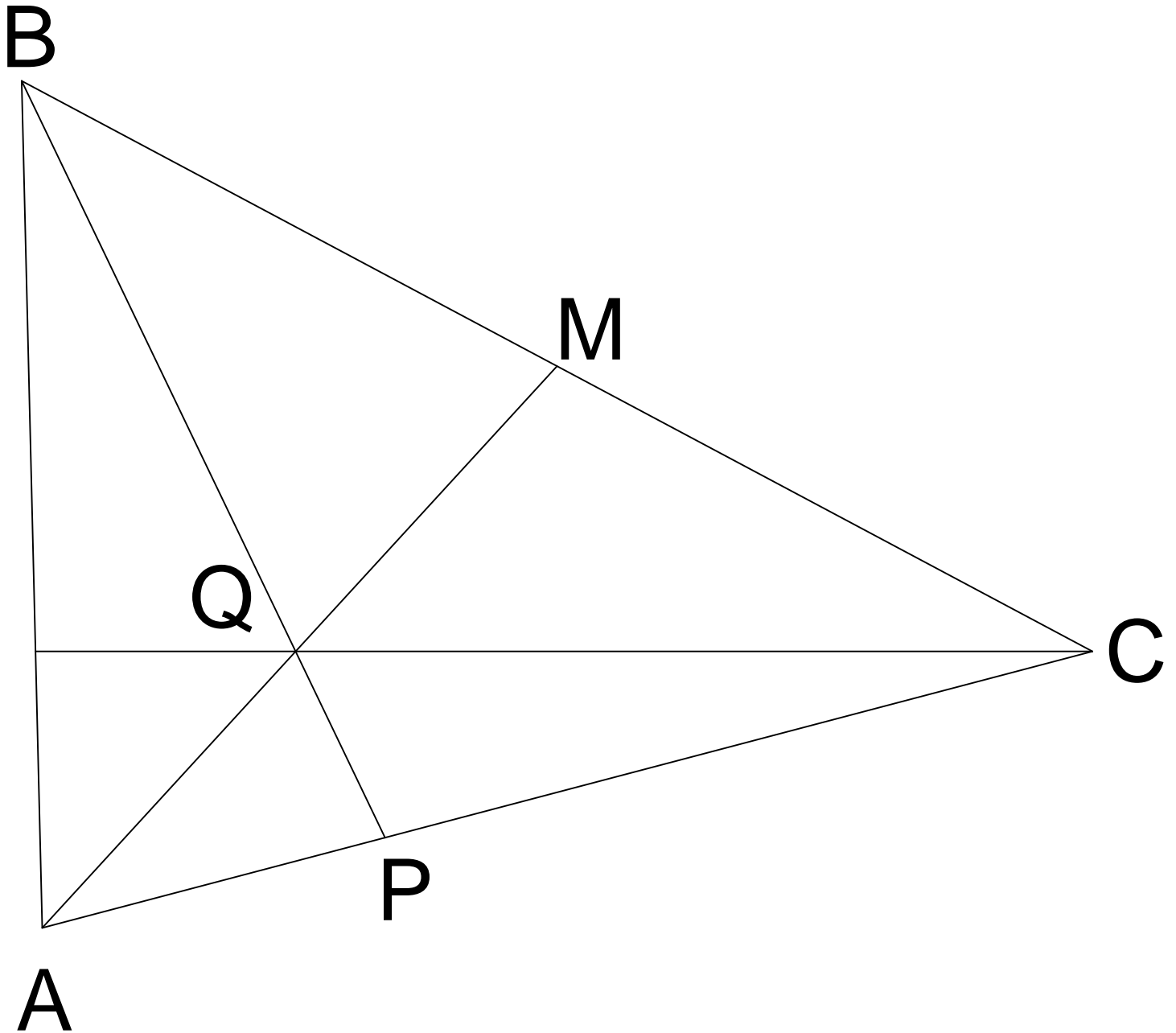


PROBLEM NO. 310



AM is a median of triangle ABC. Q is the midpoint of AM. $BQ = 120.000'$. $CQ = 150.000'$. What is the length of QP?