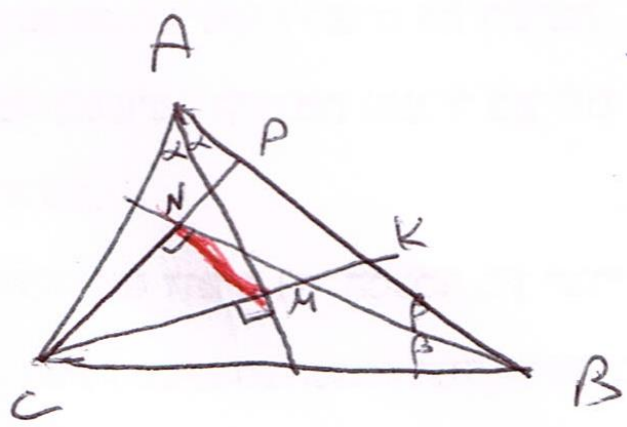


0.40
5



$\underline{\Delta BCN}$: $\angle PCB = 90 - \beta$ \perp

$\underline{\Delta PCB}$: $\angle CPB = 180 - 2\beta - (90 - \beta) = 90 - \beta$

ΔPBC ? \Rightarrow $\angle BPC = 90 - \beta$ \Rightarrow $\angle PCN = 90 - \beta$ \Rightarrow $\angle PCN = \angle PCB$ \Rightarrow $PC \perp NB$ \perp

ΔACK ? \Rightarrow $\angle ACK = 90 - \alpha$ \Rightarrow $\angle ACK = \angle KCM$ \Rightarrow $CK \perp AM$ \perp

ΔCPK ? \Rightarrow $\angle PKC = 90 - \alpha$ \Rightarrow $\angle PKC = \angle KCM$ \Rightarrow $NM \parallel PK$