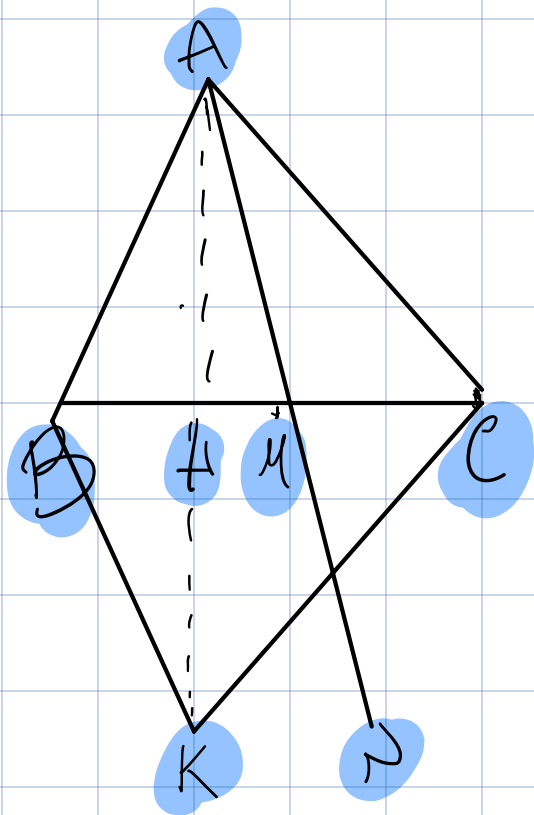


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HP:

$\triangle ABC \cong \triangle KNC$
 $AH = h$ $h_K = \frac{1}{2}h$
 $mn \cong \frac{1}{2}bc$

TH:

$KN \parallel BC$

DM:

CONSIDER 1 TRIANGULO
 $\triangle AHM$ e $\triangle KHN$, $\angle AHM = \angle KHN$
 $\angle HAK = \angle HKN$, $\angle HAM = \angle HKN$
 $\angle A = \angle K$ ANGULO COMUNS
 $\angle A = \angle K$ QUINDA UTILIZANDO

IL 2 CONTEGGIO PER

IN PARTICOLARE

CAPISCO CHE 2 ANGOLI $\angle AHM \cong \angle KHN$

ESSENDO COINCIDENTI CAPISCO CHE $BC \parallel KN$

$$\frac{AH}{HK} \cong 2 = \frac{AM}{HN} \cong 2$$