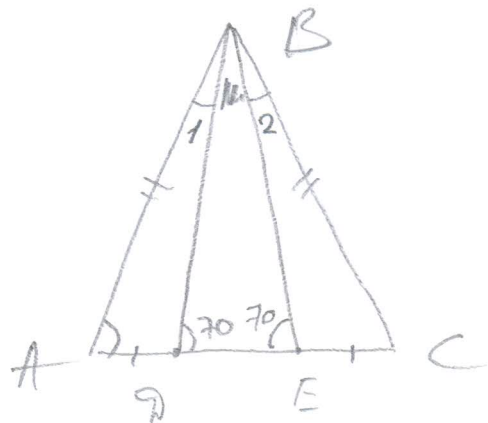




$$\triangle ABD = \triangle CBE$$

$$\left. \begin{array}{l} AB = BC \\ \angle A = \angle C \\ AD = EC \end{array} \right\} \text{Тригонометрия} \Rightarrow$$

$$BD = BE \Rightarrow \triangle DBE - \text{равнобедренный}$$

$$\angle BED = \angle BDE = 70^\circ$$

$$\angle DBE = 40^\circ$$

$$\angle 1 + \angle A = 70^\circ$$