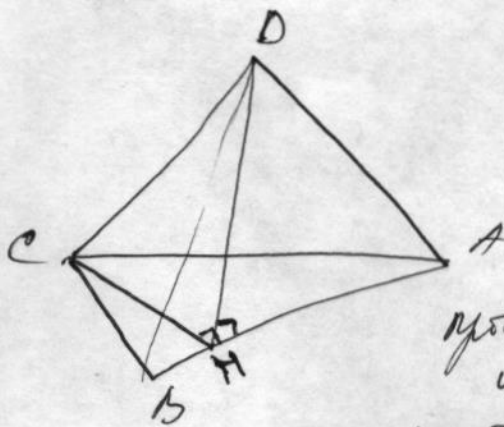
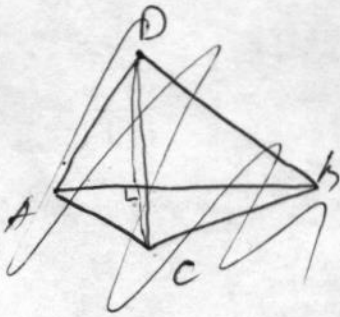


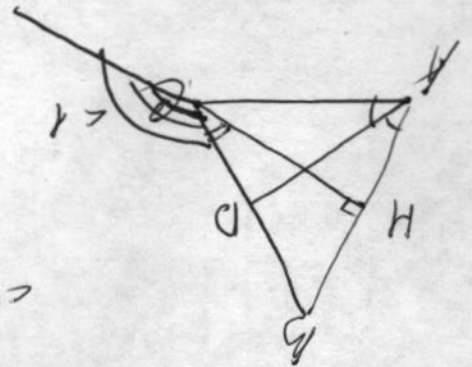


пробегает $CM \perp AB$
и $DM \perp AB$.

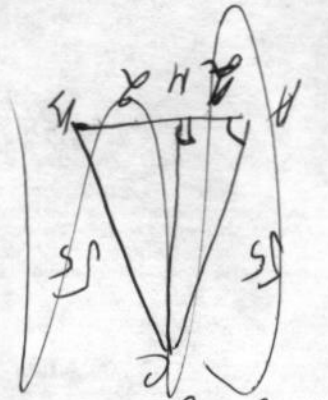
м-ва $CDM \perp AB$ ~~(по теореме 3.1)~~

~~$AB \in (DAB)$~~ ~~по ТТН~~
 ~~$AB \in (ABC)$~~

$$\begin{aligned} \angle B = 90^\circ - \angle BCH = 90^\circ - 180^\circ \cdot \frac{23}{23} &= \\ \angle B = 90^\circ - 180^\circ \cdot \frac{23}{23} &= \\ \angle B = 90^\circ - 180^\circ \cdot \frac{23}{23} &= \\ \angle B = 90^\circ - 180^\circ \cdot \frac{23}{23} &= \\ \angle B = 90^\circ - 180^\circ \cdot \frac{23}{23} &= \\ \angle B = 90^\circ - 180^\circ \cdot \frac{23}{23} &= \end{aligned}$$



$$\begin{aligned} \text{по с. теореме: } AB = 4 \text{ см, } S = 2 \text{ см}^2 \\ S = \frac{1}{2} AB \cdot CM = \frac{1}{2} \cdot 4 \cdot 1 = 2 \text{ см}^2 \\ AB = 2 \cdot CM = 2 \cdot 2 = 4 \text{ см.} \\ 5 \text{ см}^2 = 5 \Rightarrow CM = 1 \Rightarrow AM = 2 \cdot 1 = 2 \text{ см.} \\ CM^2 = AC^2 - AM^2 = 5 - 4 \text{ см}^2 \\ \text{по с. теореме} \\ \frac{CM}{AM} = \frac{AM}{CM} \Rightarrow AM = 2 \cdot CM \\ \text{по с. теореме: } AC + BC = \sqrt{64 + 36} = 10 \text{ см.} \end{aligned}$$



$$\begin{aligned} \text{по с. теореме: } AC + BC = \sqrt{64 + 36} = 10 \text{ см.} \\ \frac{AC}{BC} = \frac{BC}{AC} \Rightarrow h = \frac{8 \cdot 3}{2} = 12 \text{ см.} \end{aligned}$$