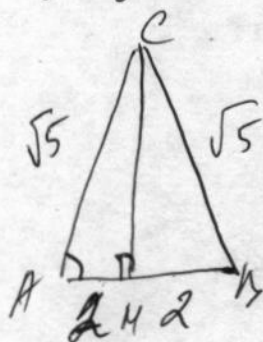


$$\text{tg } A = \frac{h}{8} \Rightarrow h = 8 \cdot \frac{3}{4} = 6 \text{ cm.}$$

no v. Pythagorass:

$$AC = BC = \sqrt{64 + 36} = 10 \text{ cm.}$$



$$\text{ctg } A = \frac{AM}{CM} \Rightarrow AM = \text{ctg } A \cdot CM$$

no v. Pythagorass

$$CM^2 = AC^2 - AM^2 = 5 - 4CM^2$$

$$5CM^2 = 5 \Rightarrow CM = 1 \Rightarrow AM = 2 \cdot 1 = 2 \text{ cm.}$$

$$AB = 2AM = 2 \cdot 2 = 4 \text{ cm.}$$

$$S = \frac{1}{2} AB \cdot CM = \frac{1 \cdot 4 \cdot 1}{2} = 2 \text{ cm}^2$$

$$\text{Ombew: } AB = 4 \text{ cm, } S = 2 \text{ cm}^2$$