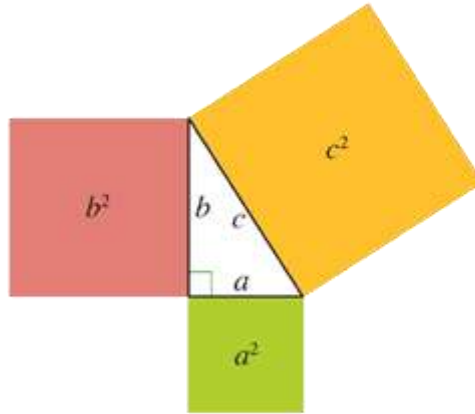


## PITAGOROV IZREK – vaje

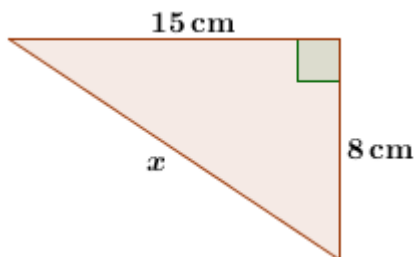
$$\text{hipotenuza}^2 = \text{1. kateta}^2 + \text{2. kateta}^2$$

$$h^2 = k_1^2 + k_2^2$$



$$c^2 = a^2 + b^2$$

Izračunaj dolžino neznane stranice !

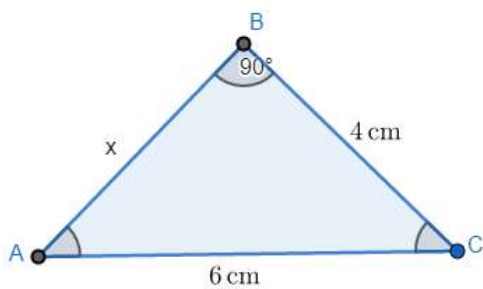
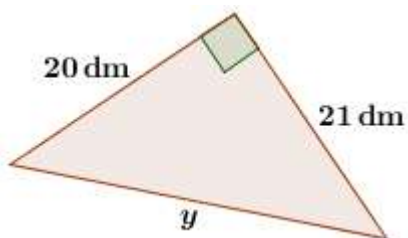


$$x^2 = 15^2 + 8^2$$

$$x^2 = 225 + 64$$

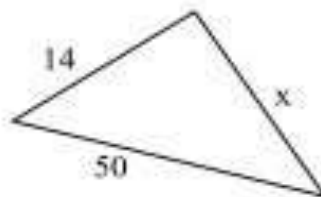
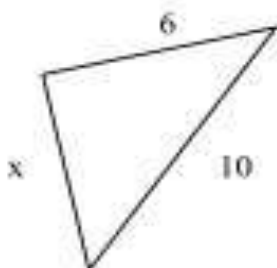
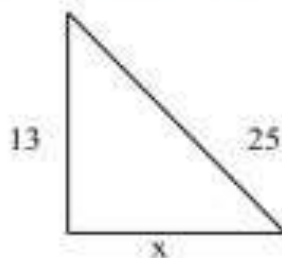
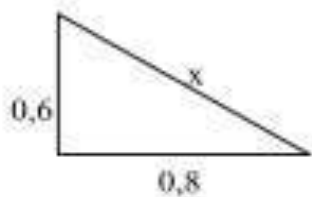
$$x^2 = 289$$

$$x = \sqrt{289} = \underline{17 \text{ cm}}$$



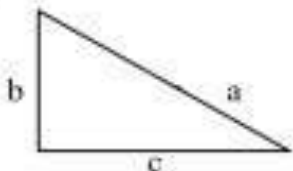
## PITAGOROV IZREK - VAJE

1. Izračunaj neznano stranico.

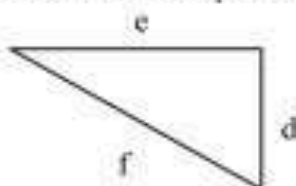


2. V narisanih trikotnikih poišči hipotenuze in katete ter zapiši Pitagorove izreke.

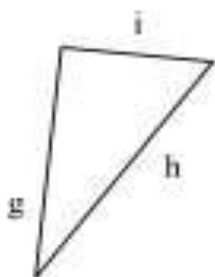
a)



b)



c)



d)

