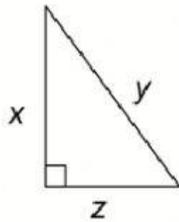


Pitagorin poučak. Izračunavanje duljina stranica pravokutnog trokuta

1. Zapiši formulu Pitagorina poučka za trokute na slici.

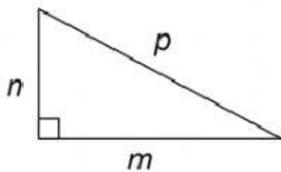
a)



$$x^2 = y^2 + z^2$$

$$y^2 = x^2 + z^2$$

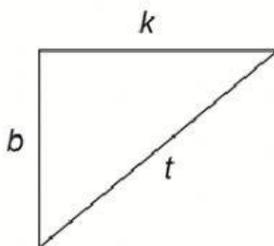
b)



$$p^2 = n^2 + m^2$$

$$p^2 = m^2 - n^2$$

c)

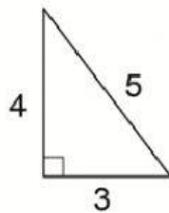


$$k^2 = b^2 + t^2$$

$$t^2 = k^2 + b^2$$

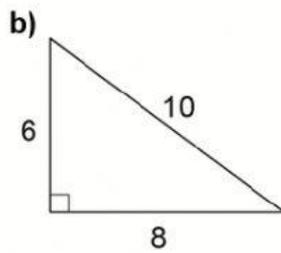
2. Zapiši formulu Pitagorina poučka za trokute na slici i provjeri vrijedi li jednakost.

a)



VRIJEDI

NE VRIJEDI



VRIJEDI

NE VRIJEDI

3. Izračunaj duljinu hipotenuze c pravokutnog trokuta ako su zadane duljine kateta a i b . ($a^2 + b^2 = c^2$)

- Zadatke riješi u bilježnicu

a) $a = 9$ cm

$b = 12$ cm

$c =$

b) $a = 3$ cm

$b = 4$ cm

$c =$

4. Izračunaj duljinu katete a pravokutnog trokuta ako su duljine druge katete b i hipotenuze c .

- Zadatke riješi u bilježnicu

a) $b = 4$ cm

$c = 5$ cm

$a =$

b) $b = 9$ cm

$c = 15$ cm

$a =$