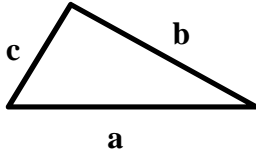


## Formule koje smo naučili prije cjeline „Trokut“ (6. razred)

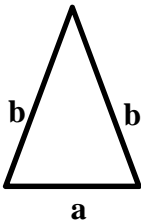
### TROKUTI

**raznostranični trokut** - trokut kojem su sve stranice različitih duljina



$$O = a + b + c$$

**jednakokrani trokut** - trokut kojem su dvije stranice jednako duge



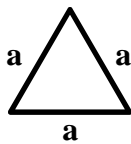
$$O = a + 2b$$

ili

$$O = a + 2 \cdot b$$

a - osnovica  
b - kraci (jednake stranice)

**jednakostranični trokut** - trokut kojem su sve stranice jednako duge

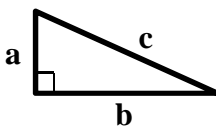


$$O = 3a$$

ili

$$O = 3 \cdot a$$

**pravokutni trokut** - trokut koji ima (jedan) pravi kut



$$O = a + b + c$$

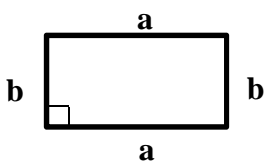
a, b - **katete** (stranice uz pravi kut)  
c - **hipotenuza** (stranica nasuprot pravom kutu)

Formula za opseg se lako iščita sa crteža - samo pozbrajamo duljine svih stranica!  
Provjeri to za sve trokute.

Provjeri je li tako i kod četverokuta (na drugoj strani)...

## ČETVEROKUTI

### pravokutnik



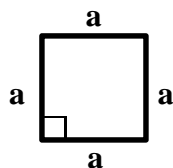
$$O = 2a + 2b$$

ili

$$O = 2 \cdot a + 2 \cdot b$$

$$P = a \cdot b$$

### kvadrat

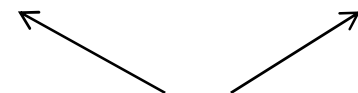


$$O = 4a$$

ili

$$O = 4 \cdot a$$

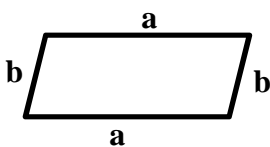
$$P = a \cdot a$$



**Zajedničko za površinu  
pravokutnika i kvadrata:**

$$P = \text{duljina} \cdot \text{širina}$$

### paralelogram

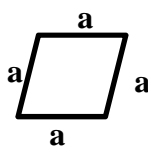


$$O = 2a + 2b$$

ili

$$O = 2 \cdot a + 2 \cdot b$$

### romb

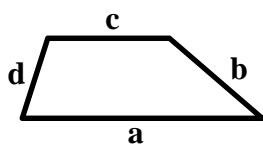


$$O = 4a$$

ili

$$O = 4 \cdot a$$

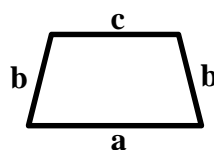
**trapez**



$$O = a + b + c + d$$

a, c - osnovice (paralelne stranice)  
b, d - kraci

**jednakokrani trapez**



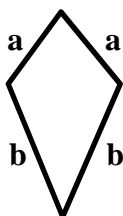
$$O = a + 2b + c$$

ili

$$O = a + 2 \cdot b + c$$

a, c - osnovice (paralelne stranice)  
b - kraci

**deltoid**



$$O = 2a + 2b$$

ili

$$O = 2 \cdot a + 2 \cdot b$$