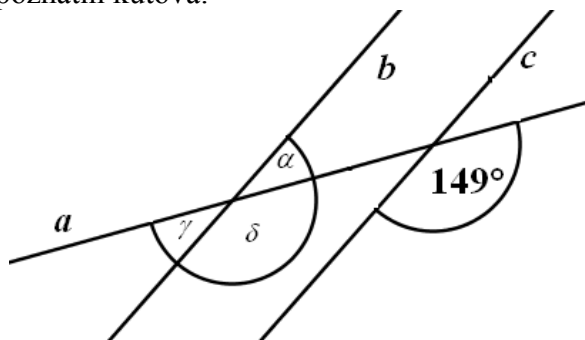


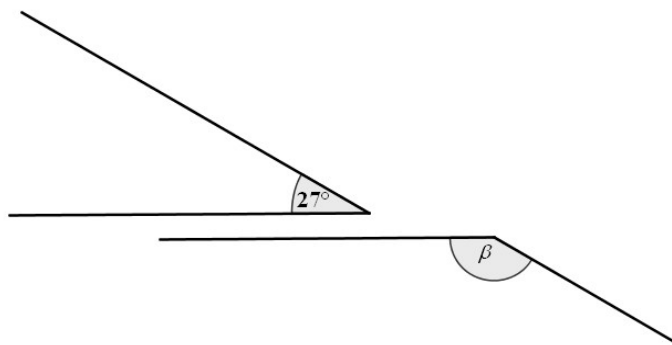
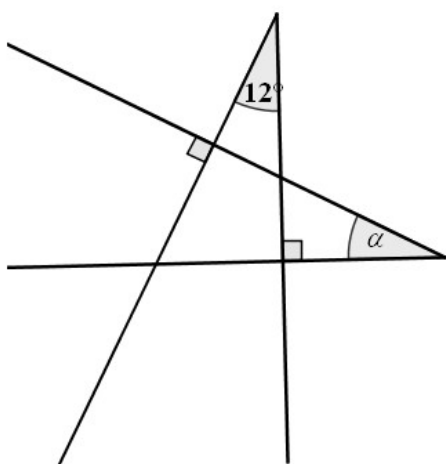
Prirpema za ispit znanja

TROKUT

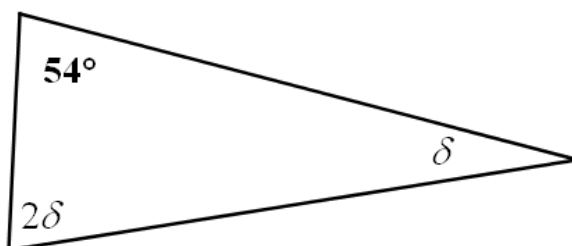
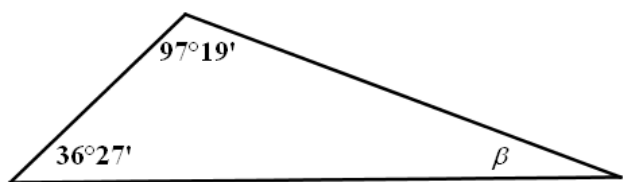
1) Izračunaj veličine nepoznatih kutova:



2) Odredi veličine kutova na slici:

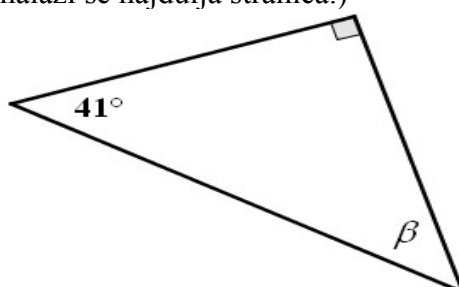


3) Odredi nepoznate veličine kutova u trokutu:

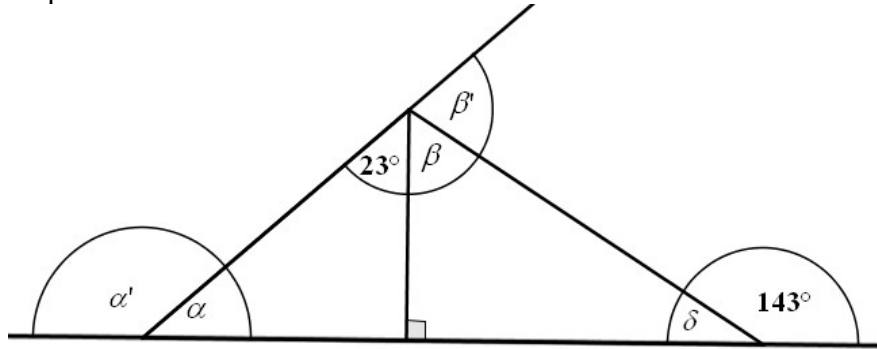


4) Poredaj po veličini stranice trokuta.

(Uputa: Nasuprot najvećeg kuta nalazi se najdulja stranica.)



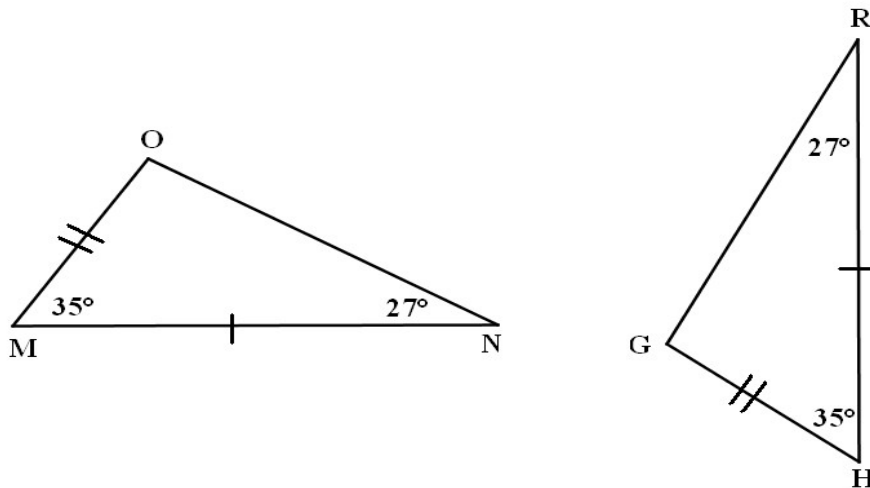
5) Odredi veličine nepoznatih kutova na slici:



6) Konstruiraj kut veličine  $30^\circ$ .

7) Konstruiraj trokut  $ABC$  kojemu su duljine stranica  $a = 4\text{ cm}$ ,  $c = 3\text{ cm}$  i veličina kuta  $\beta = 45^\circ$ . Trokutu upiši kružnicu.

8) Dokaži da su trokuti sukkladni.



9) Izračunaj površinu trokuta ako je duljina jedne stranice  $3.56\text{ cm}$  a duljina visine na tu stranicu  $2.8\text{ cm}$ .

10) Površina trokuta jest  $16.9\text{ cm}^2$ , a duljina jedne njegove stranice iznosi  $13\text{ cm}$ . Kolika je duljina visine povučene na tu stranicu?

11) U jednakokračnom trokutu veličina kuta nasuprot osnovici jest  $124^\circ$ . Izračunaj veličine ostalih dvaju kutova.