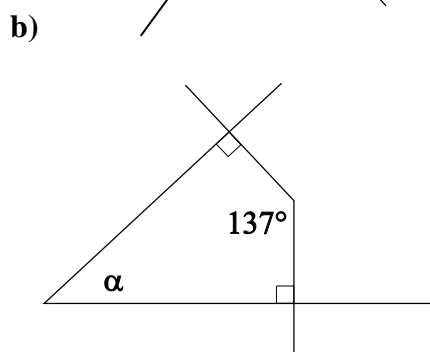
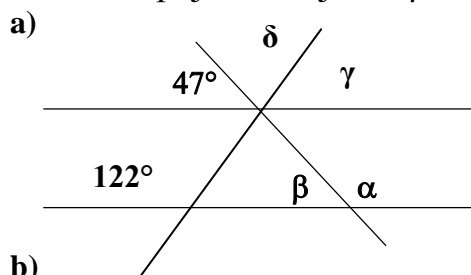
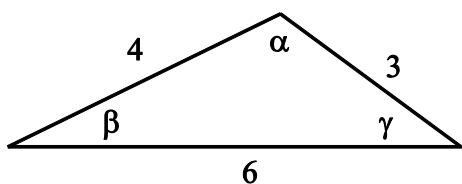


PRIPREMA ZA ISPIT ZNANJA TROKUT

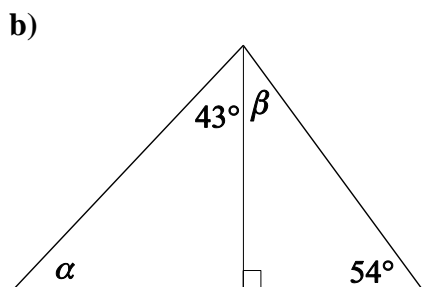
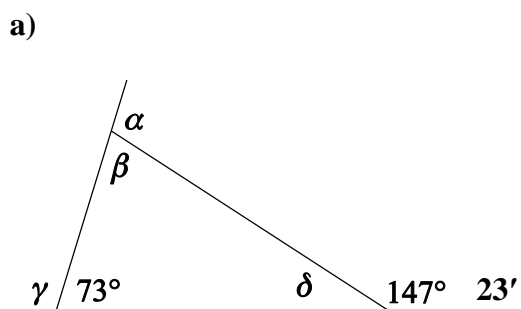
1. Koliko stupnjeva imaju α i β ?



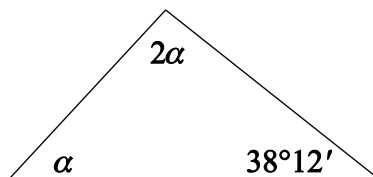
2. Poredaj po veličini kutove trokuta.



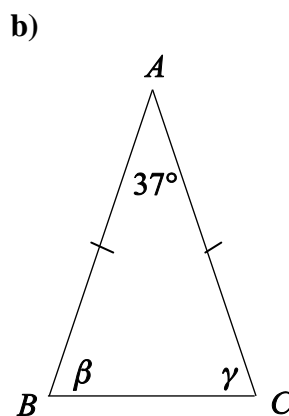
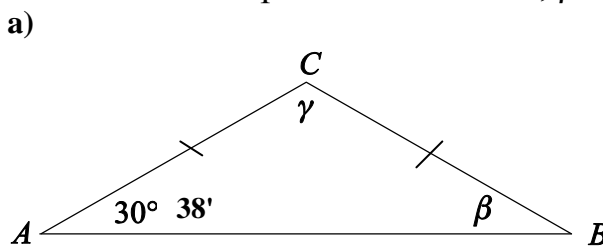
3. Koliko stupnjeva imaju α , β , γ i δ ?



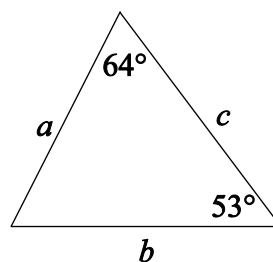
4. Odredi veličinu kuta α .



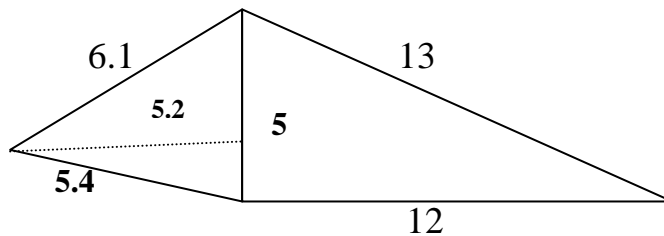
5. Odredi veličine nepoznatih kutova α , β i γ .



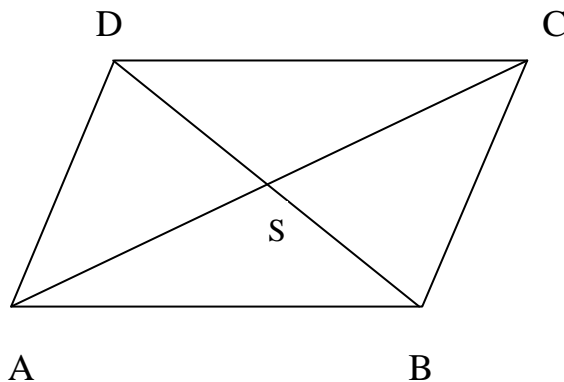
6. Poredaj po veličini stranice trokuta.



7. Kut α je tri puta veći od kuta γ , a kut β je za $20^\circ 15'$ veći od kuta γ . Odredi veličine unutarnjih kutova trokuta.
8. Konstruiraj kut od a) 45° b) 75° .
9. Izračunaj površinu trokuta ako je duljina stranice $a = 5.7$ cm, a duljina njoj pripadne visine 0.68 dm.
10. Nacrtaj jednakokračan tupokutan trokut i njegove visine. Odredi ortocentar.
11. Izračunaj nepoznatu veličinu trokuta:
 $a = 3.8$ cm, $v_a = 4.2$ cm, $b = 4.8$ cm, $v_b = ?$
12. Konstruiraj trokut zadan elementima $c = 5$ cm, $\alpha = 60^\circ$, $\beta = 90^\circ$ i opiši mu kružnicu.
13. Konstruiraj trokut zadan elementima:
 $|AB| = 7.2$ cm, $|AC| = 5.3$ cm, $|\angle A| = 45^\circ$ i upiši mu kružnicu.
14. Izračunaj opseg i površinu lika sa slike.



15.



Dokaži da je $\triangle ABS$ sukladan $\triangle SCD$ i da je $\triangle BCS$ sukladan $\triangle ASD$.